

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032023\
 Data File : VN077080.D
 Acq On : 20 Mar 2023 19:55
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/21/2023
 Supervised By : Mahesh Dadoda 03/21/2023

Quant Time: Mar 21 05:43:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.231	168	379294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	675726	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	605444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	274055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	298425	49.257	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.520%		
35) Dibromofluoromethane	8.178	113	228478	48.282	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.560%		
50) Toluene-d8	10.572	98	864226	51.125	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.260%		
62) 4-Bromofluorobenzene	12.854	95	322745	54.032	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	144617	40.126	ug/l	98
3) Chloromethane	2.372	50	151485	39.639	ug/l	99
4) Vinyl Chloride	2.525	62	198258	48.063	ug/l	97
5) Bromomethane	2.955	94	135715	48.708	ug/l	98
6) Chloroethane	3.125	64	155992	59.764	ug/l	99
7) Trichlorofluoromethane	3.508	101	417460	47.043	ug/l	98
8) Diethyl Ether	3.972	74	162976	48.800	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.384	101	233235	46.334	ug/l	99
10) Methyl Iodide	4.602	142	286736	50.574	ug/l	94
11) Tert butyl alcohol	5.531	59	228247	258.538	ug/l	98
12) 1,1-Dichloroethene	4.355	96	222483	48.314	ug/l	96
13) Acrolein	4.196	56	262621	240.507	ug/l	99
14) Allyl chloride	5.037	41	399128	47.345	ug/l	98
15) Acrylonitrile	5.731	53	737413	248.461	ug/l	100
16) Acetone	4.437	43	579650	214.721	ug/l	98
17) Carbon Disulfide	4.725	76	595456	44.346	ug/l	100
18) Methyl Acetate	5.037	43	490995	48.232	ug/l	97
19) Methyl tert-butyl Ether	5.808	73	835150	50.533	ug/l	97
20) Methylene Chloride	5.290	84	272246	46.468	ug/l	99
21) trans-1,2-Dichloroethene	5.796	96	243202	48.726	ug/l	98
22) Diisopropyl ether	6.684	45	914658	49.520	ug/l	99
23) Vinyl Acetate	6.613	43	2930046	251.385	ug/l	100
24) 1,1-Dichloroethane	6.578	63	501170	47.417	ug/l	99
25) 2-Butanone	7.490	43	953271	241.392	ug/l	100
26) 2,2-Dichloropropane	7.496	77	378564	47.602	ug/l	100
27) cis-1,2-Dichloroethene	7.496	96	288238	50.423	ug/l	98
28) Bromochloromethane	7.819	49	203045	44.236	ug/l	98
29) Tetrahydrofuran	7.843	42	643687	251.537	ug/l	99
30) Chloroform	7.972	83	492338	47.993	ug/l	98
31) Cyclohexane	8.260	56	445675	44.960	ug/l	96
32) 1,1,1-Trichloroethane	8.178	97	428241	48.842	ug/l	99
36) 1,1-Dichloropropene	8.378	75	363184	49.137	ug/l	98
37) Ethyl Acetate	7.566	43	384737	48.650	ug/l	98
38) Carbon Tetrachloride	8.366	117	364089	50.572	ug/l	98
39) Methylcyclohexane	9.607	83	445808	51.530	ug/l	99
40) Benzene	8.613	78	1101696	49.148	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.790	41	207313m	48.662	ug/l	
42) 1,2-Dichloroethane	8.678	62	388607	47.975	ug/l	99
43) Isopropyl Acetate	8.696	43	631221	51.095	ug/l	99
44) Trichloroethene	9.360	130	253476	49.229	ug/l	99
45) 1,2-Dichloropropane	9.625	63	293719	49.335	ug/l	99
46) Dibromomethane	9.713	93	183014	48.742	ug/l	98
47) Bromodichloromethane	9.890	83	394986	50.157	ug/l	98
48) Methyl methacrylate	9.684	41	312488	52.910	ug/l	98
49) 1,4-Dioxane	9.701	88	103111	1022.190	ug/l	98
51) 4-Methyl-2-Pentanone	10.448	43	1978259	257.150	ug/l	99
52) Toluene	10.637	92	686419	51.286	ug/l	100
53) t-1,3-Dichloropropene	10.843	75	421665	54.632	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	457242	52.506	ug/l	99
55) 1,1,2-Trichloroethane	11.019	97	268046	50.788	ug/l	98
56) Ethyl methacrylate	10.878	69	441548	55.637	ug/l	98
57) 1,3-Dichloropropane	11.166	76	475127	49.171	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.166	63	825246	243.908	ug/l	99
59) 2-Hexanone	11.195	43	1431444	256.539	ug/l	100
60) Dibromochloromethane	11.360	129	278667	52.564	ug/l	100
61) 1,2-Dibromoethane	11.472	107	265900	50.805	ug/l	99
64) Tetrachloroethene	11.107	164	201312	49.543	ug/l	99
65) Chlorobenzene	11.895	112	690087	49.538	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.966	131	261442	50.720	ug/l	99
67) Ethyl Benzene	11.966	91	1325147	52.371	ug/l	99
68) m/p-Xylenes	12.072	106	989607	105.456	ug/l	100
69) o-Xylene	12.401	106	491093	52.668	ug/l	99
70) Styrene	12.413	104	807295	55.611	ug/l	99
71) Bromoform	12.584	173	190192	54.452	ug/l #	98
73) Isopropylbenzene	12.701	105	1285193	52.329	ug/l	100
74) N-amyl acetate	12.495	43	551800	51.908	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	408795	45.943	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	373601m	52.703	ug/l	
77) Bromobenzene	12.984	156	275802	50.130	ug/l	95
78) n-propylbenzene	13.037	91	1528635	53.917	ug/l	100
79) 2-Chlorotoluene	13.131	91	927460	51.338	ug/l	99
80) 1,3,5-Trimethylbenzene	13.178	105	1106339	53.954	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.742	75	126962	49.299	ug/l	99
82) 4-Chlorotoluene	13.225	91	900354	52.410	ug/l	100
83) tert-Butylbenzene	13.442	119	926875	53.837	ug/l	99
84) 1,2,4-Trimethylbenzene	13.484	105	1098805	53.698	ug/l	99
85) sec-Butylbenzene	13.619	105	1338058	54.636	ug/l	99
86) p-Isopropyltoluene	13.731	119	1098756	55.868	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	514548	49.484	ug/l	100
88) 1,4-Dichlorobenzene	13.813	146	506928	49.000	ug/l	99
89) n-Butylbenzene	14.060	91	958521	55.555	ug/l	100
90) Hexachloroethane	14.336	117	199033	49.776	ug/l	99
91) 1,2-Dichlorobenzene	14.107	146	513774	49.569	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.719	75	82873	50.264	ug/l	98
93) 1,2,4-Trichlorobenzene	15.395	180	260018	55.494	ug/l	99
94) Hexachlorobutadiene	15.507	225	131209	50.848	ug/l	99
95) Naphthalene	15.642	128	916866	50.341	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	257417	54.753	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

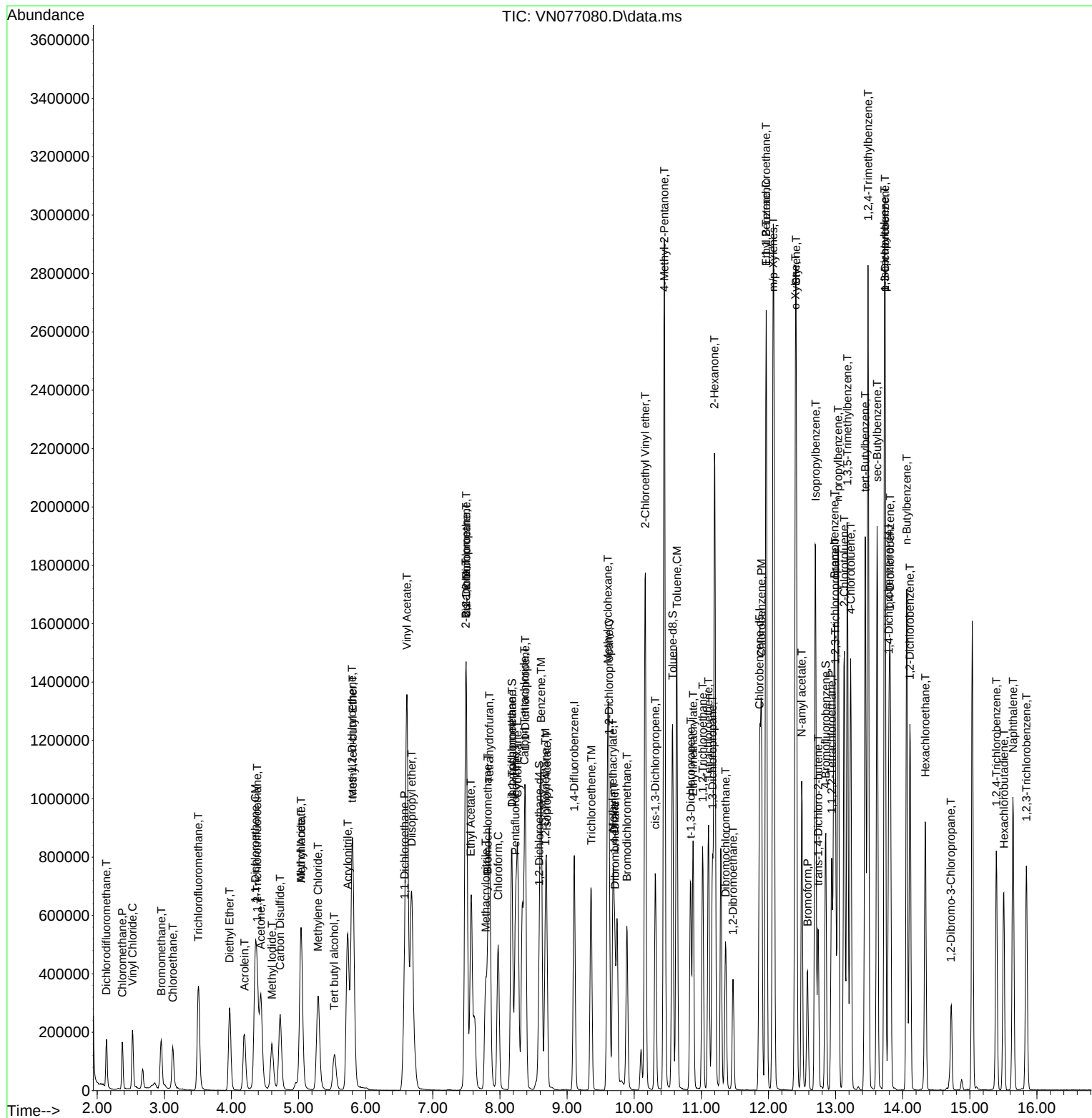
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032023\
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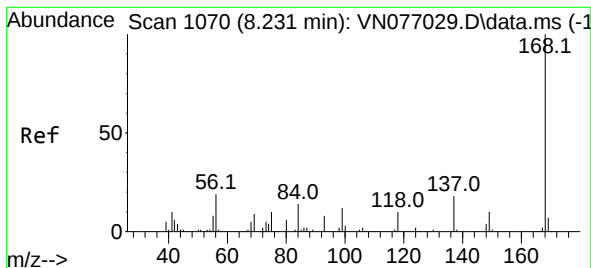
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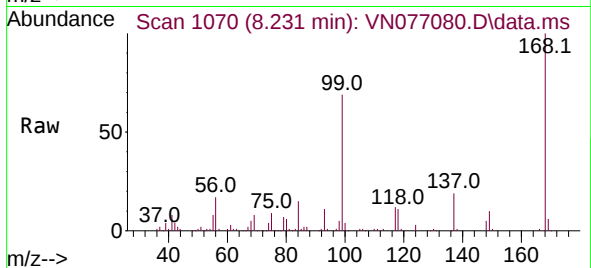
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077080.D
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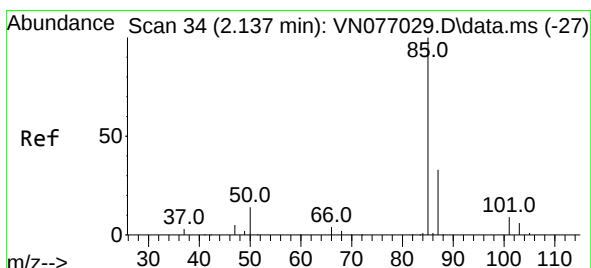
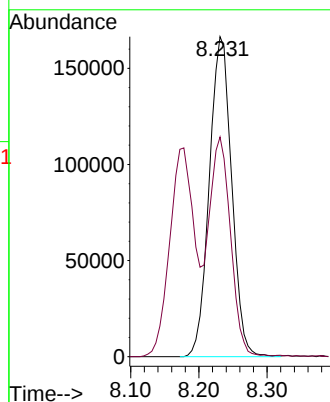
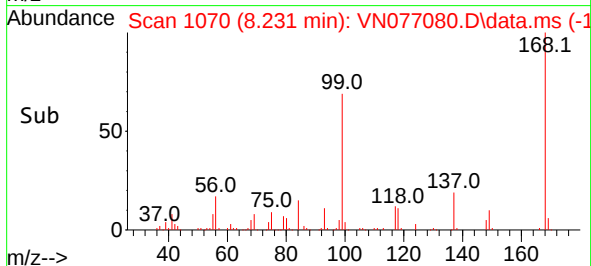
Tgt Ion:168 Resp: 379294
Ion Ratio Lower Upper
168 100
99 68.2 53.9 80.9

Manual Integrations

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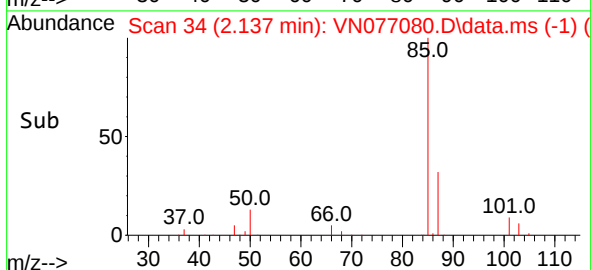
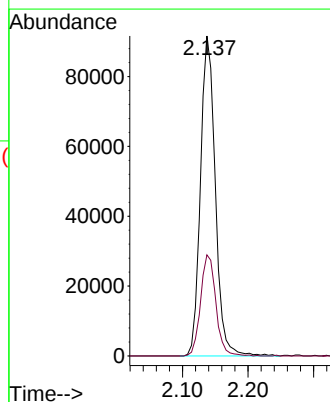
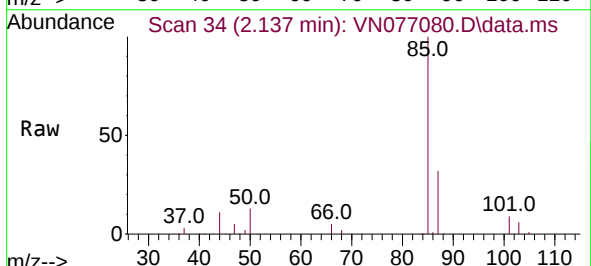
Reviewed By :John Carlone 03/21/2023

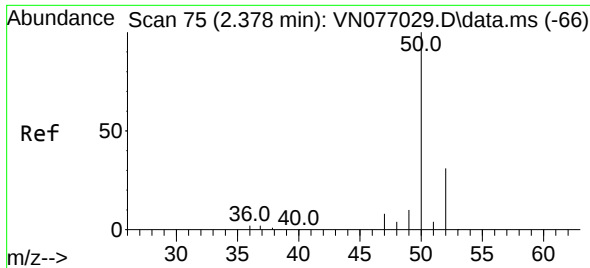
Supervised By :Mahesh Dadoda 03/21/2023



#2
Dichlorodifluoromethane
Concen: 40.126 ug/l
RT: 2.137 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Tgt Ion: 85 Resp: 144617
Ion Ratio Lower Upper
85 100
87 31.6 16.4 49.2





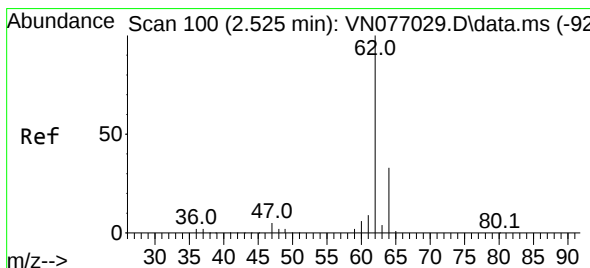
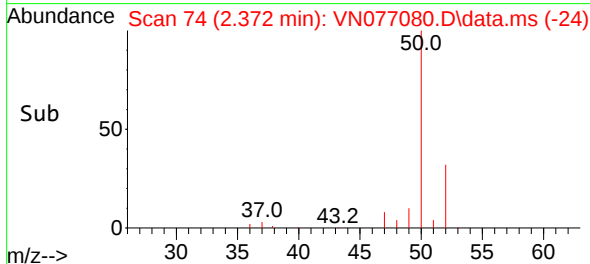
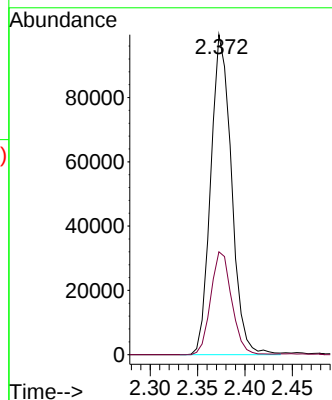
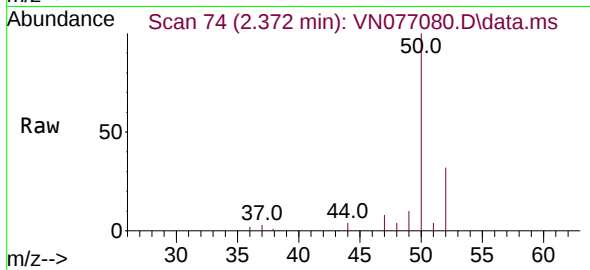
#3
Chloromethane
Concen: 39.639 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 15148
Ion Ratio Lower Upper
50 100
52 32.1 25.1 37.7

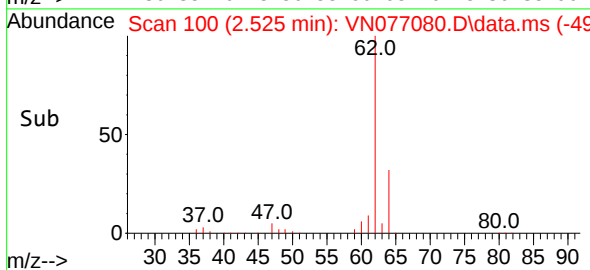
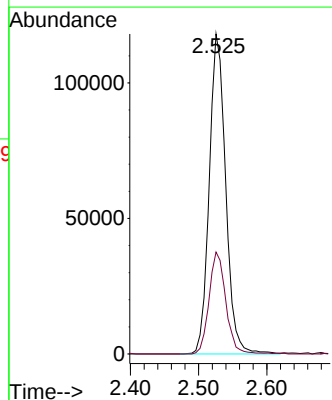
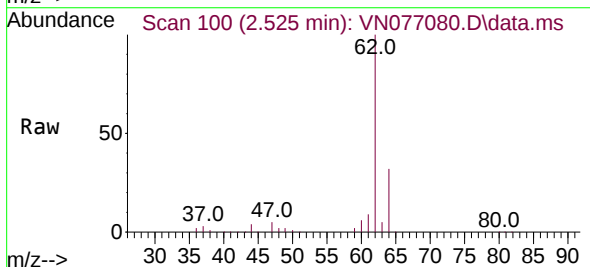
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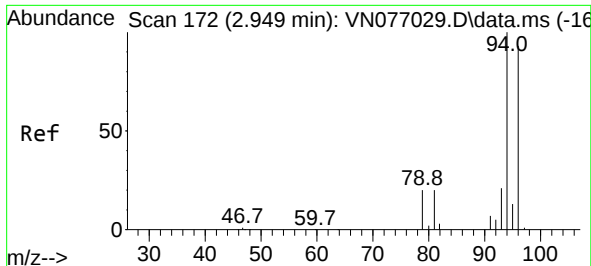
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#4
Vinyl Chloride
Concen: 48.063 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

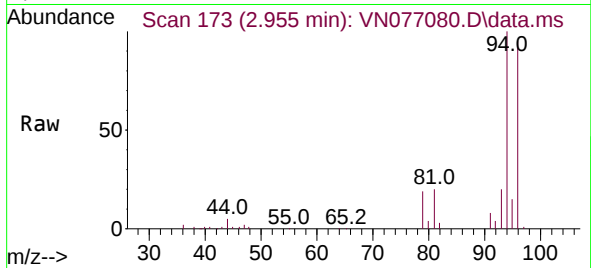
Tgt Ion: 62 Resp: 198258
Ion Ratio Lower Upper
62 100
64 31.9 26.6 40.0





#5
Bromomethane
Concen: 48.708 ug/l
RT: 2.955 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077080.D
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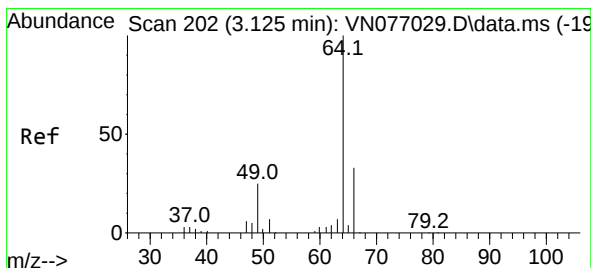
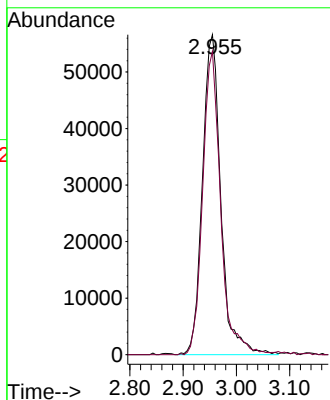
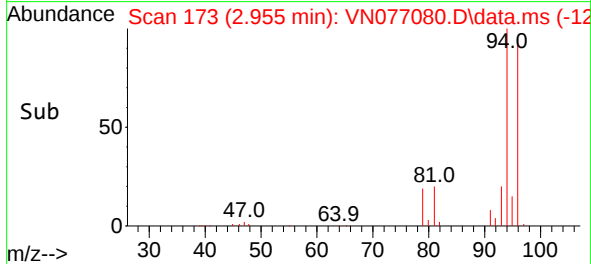
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Tgt Ion: 94 Resp: 135715
Ion Ratio Lower Upper
94 100
96 94.8 74.1 111.1

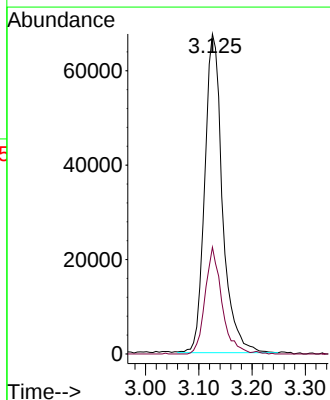
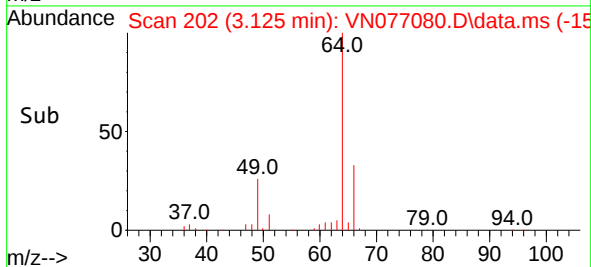
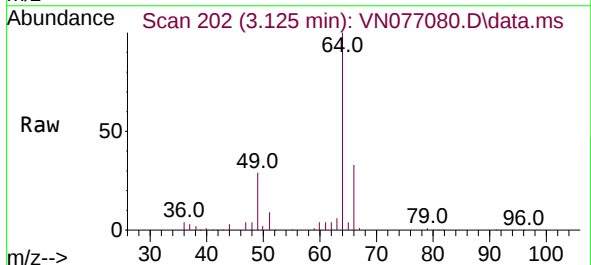
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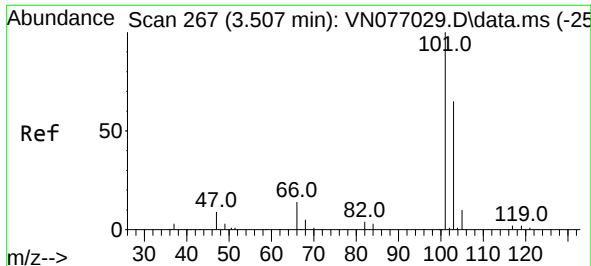
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#6
Chloroethane
Concen: 59.764 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Tgt Ion: 64 Resp: 155992
Ion Ratio Lower Upper
64 100
66 33.5 26.3 39.5





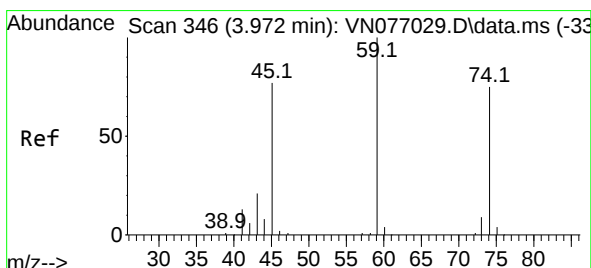
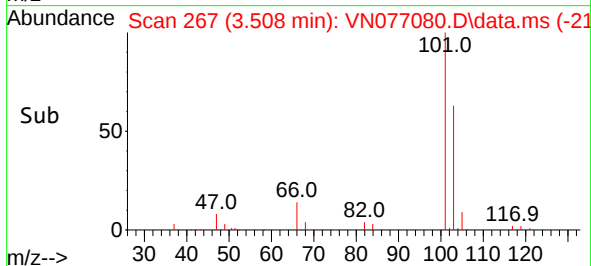
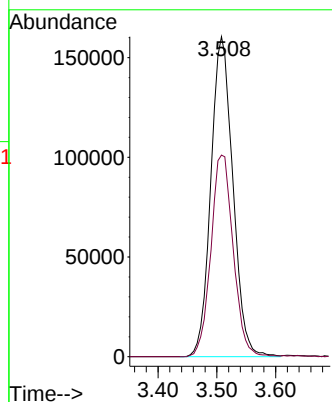
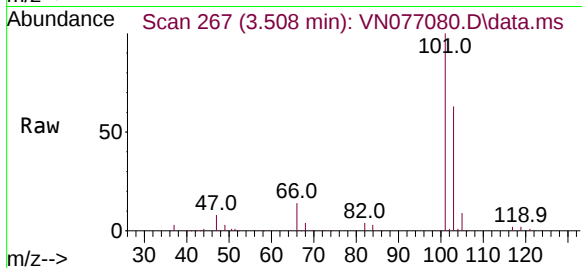
#7
Trichlorofluoromethane
Concen: 47.043 ug/l
RT: 3.508 min Scan# 267
Delta R.T. 0.001 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

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Tgt Ion:101 Resp: 417460
Ion Ratio Lower Upper
101 100
103 63.0 51.8 77.6

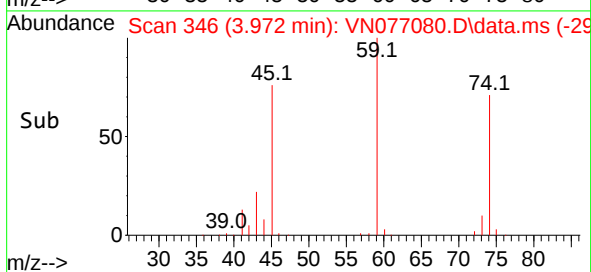
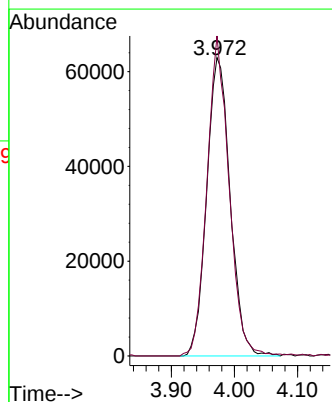
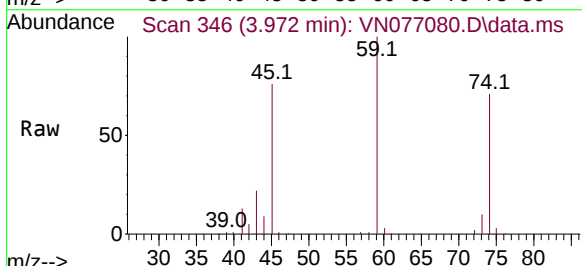
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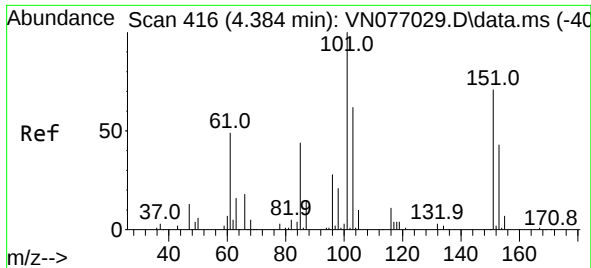
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#8
Diethyl Ether
Concen: 48.800 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Tgt Ion: 74 Resp: 162976
Ion Ratio Lower Upper
74 100
45 100.8 50.8 152.5





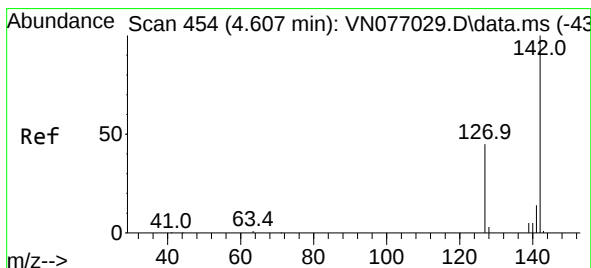
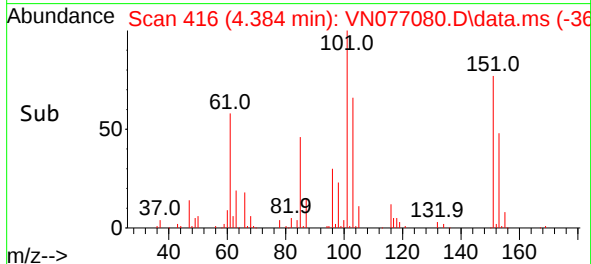
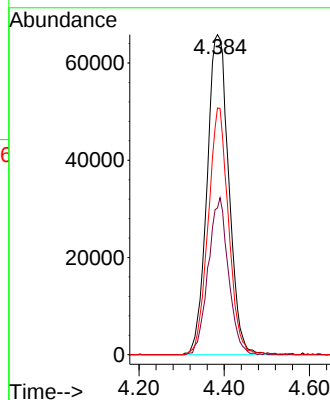
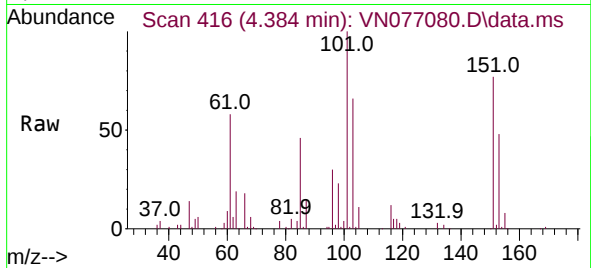
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.334 ug/l
RT: 4.384 min Scan# 416
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 233235
Ion Ratio Lower Upper
101 100
85 45.5 36.6 55.0
151 72.3 56.9 85.3

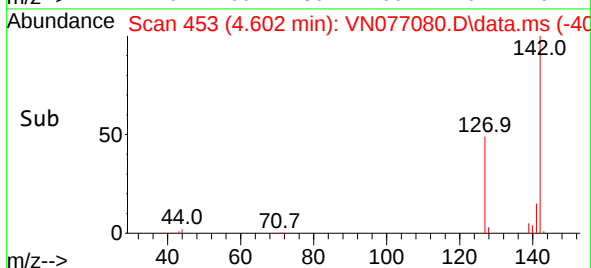
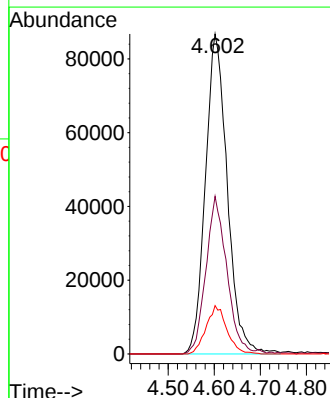
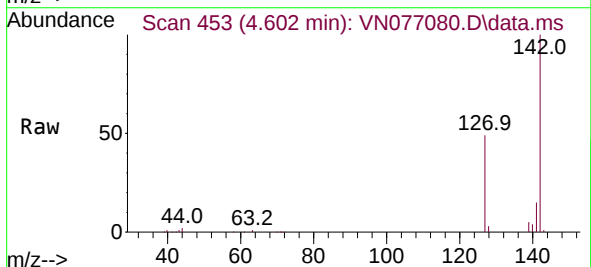
Manual Integrations
APPROVED

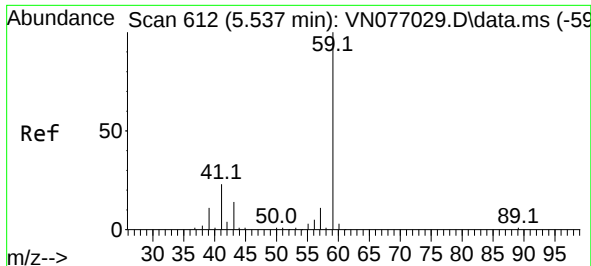
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#10
Methyl Iodide
Concen: 50.574 ug/l
RT: 4.602 min Scan# 453
Delta R.T. -0.005 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Tgt Ion:142 Resp: 286736
Ion Ratio Lower Upper
142 100
127 49.2 36.1 54.1
141 15.1 10.8 16.2





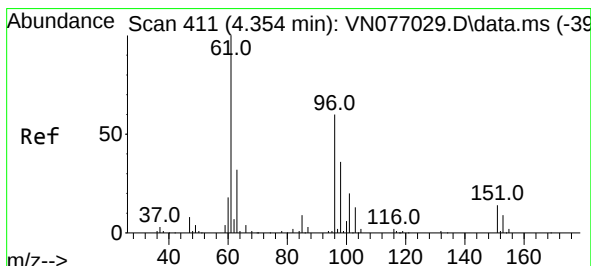
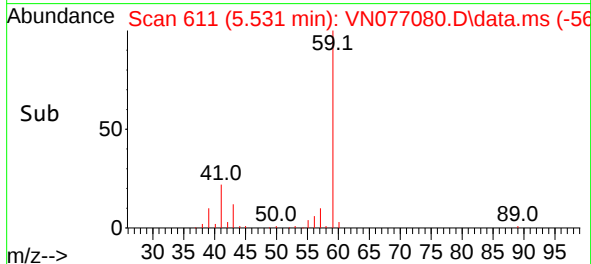
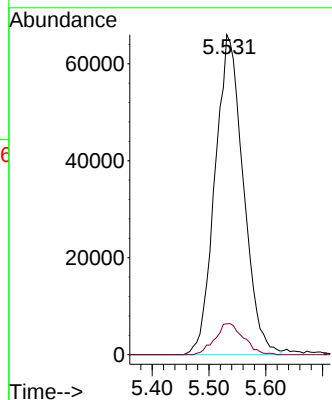
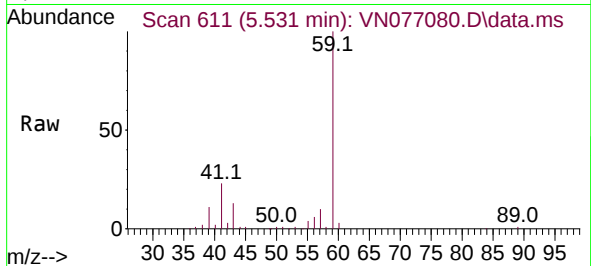
#11
Tert butyl alcohol
Concen: 258.538 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 22824
Ion Ratio Lower Upper
59 100
57 9.8 8.6 12.8

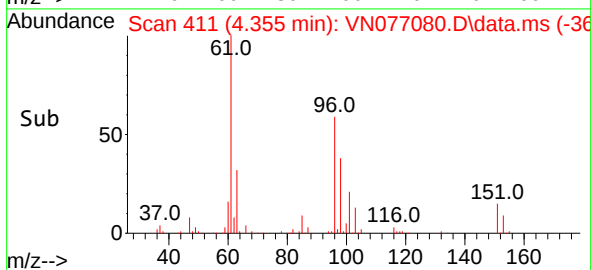
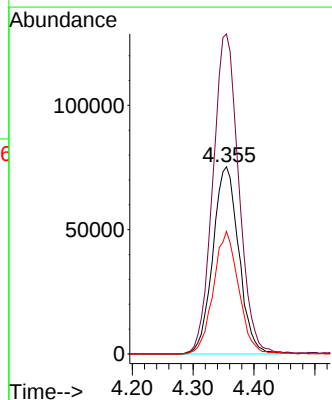
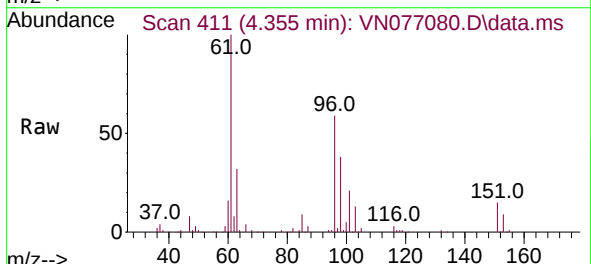
Manual Integrations
APPROVED

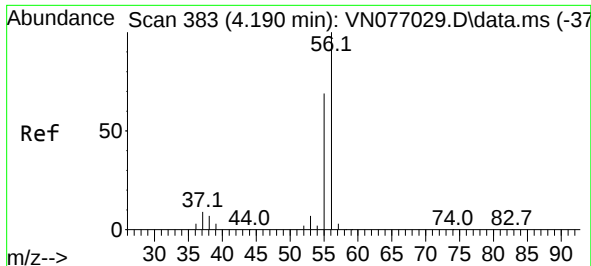
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#12
1,1-Dichloroethene
Concen: 48.314 ug/l
RT: 4.355 min Scan# 411
Delta R.T. 0.001 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

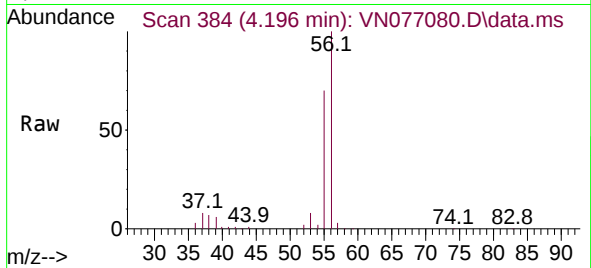
Tgt Ion: 96 Resp: 222483
Ion Ratio Lower Upper
96 100
61 170.9 133.8 200.8
98 65.4 48.6 72.8





#13
Acrolein
Concen: 240.507 ug/l
RT: 4.196 min Scan# 384
Delta R.T. 0.006 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

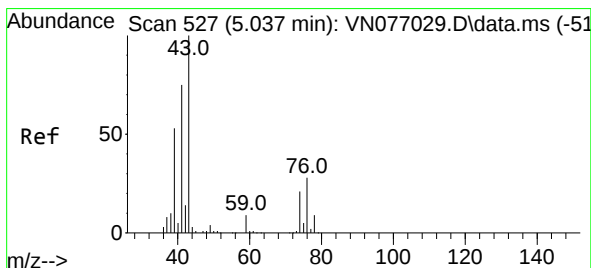
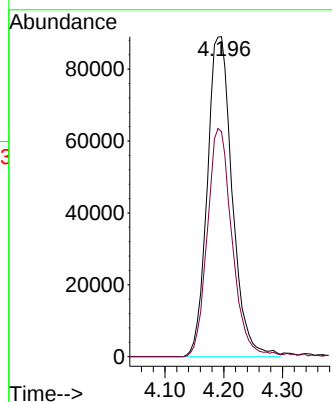
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 26262
Ion Ratio Lower Upper
56 100
55 70.6 57.0 85.6

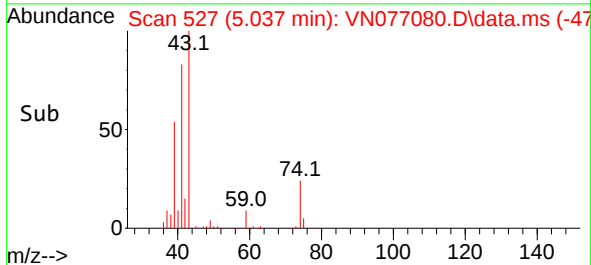
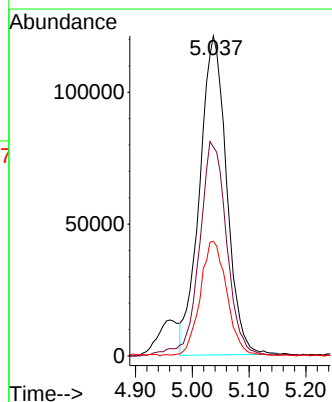
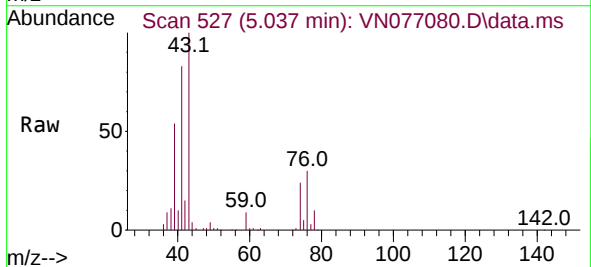
Manual Integrations
APPROVED

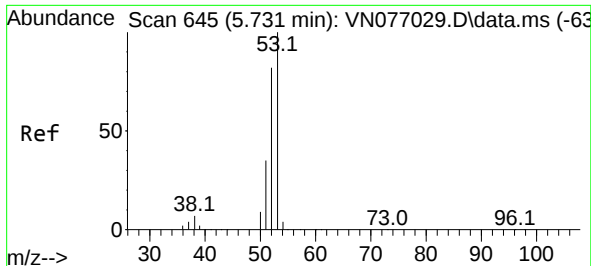
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#14
Allyl chloride
Concen: 47.345 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

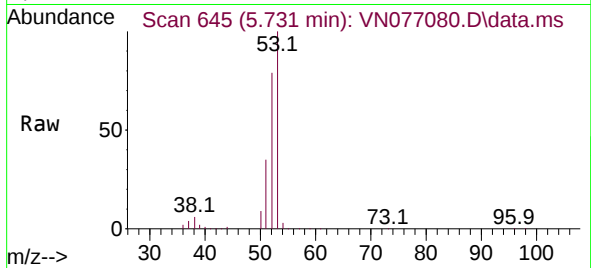
Tgt Ion: 41 Resp: 399128
Ion Ratio Lower Upper
41 100
39 68.3 53.8 80.8
76 35.1 26.7 40.1





#15
Acrylonitrile
Concen: 248.461 ug/l
RT: 5.731 min Scan# 645
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

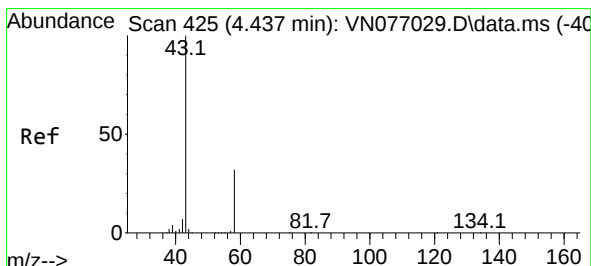
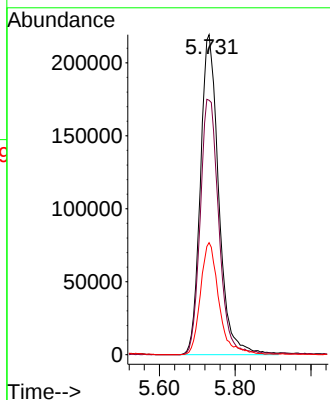
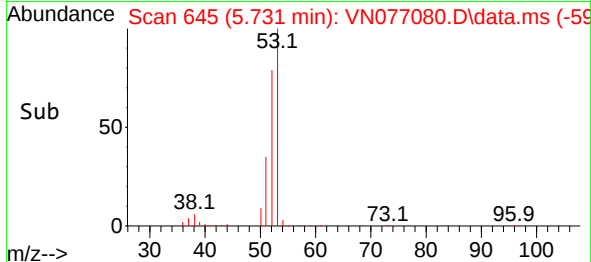
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 73741
Ion Ratio Lower Upper
53 100
52 81.1 64.6 97.0
51 35.3 28.3 42.5

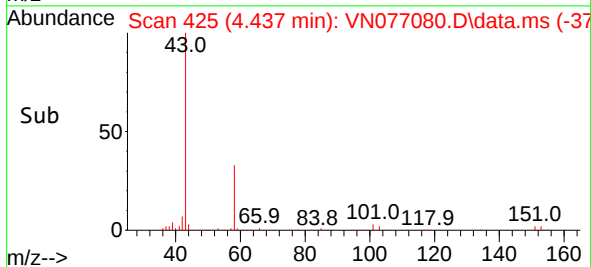
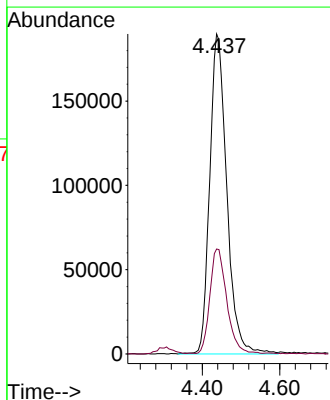
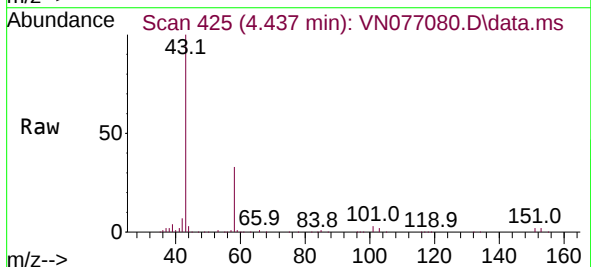
Manual Integrations
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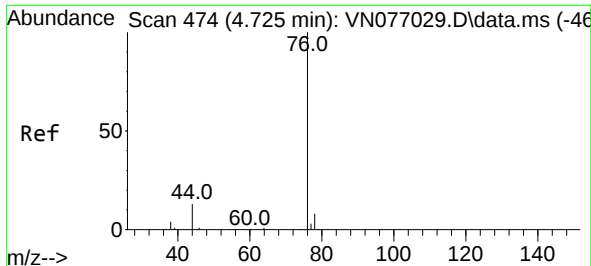
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#16
Acetone
Concen: 214.721 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Tgt Ion: 43 Resp: 579650
Ion Ratio Lower Upper
43 100
58 32.6 25.4 38.0





#17

Carbon Disulfide

Concen: 44.346 ug/l

RT: 4.725 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 595456

Ion Ratio Lower Upper

76 100

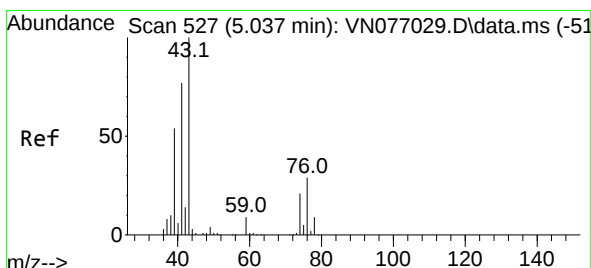
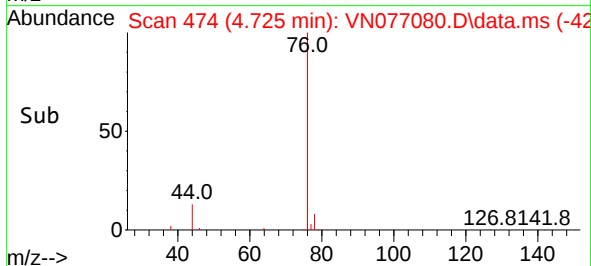
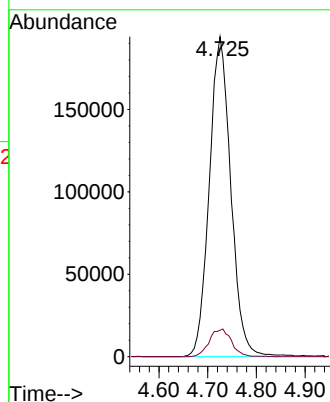
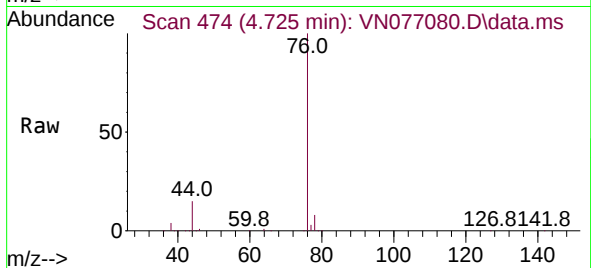
78 8.3 6.6 10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#18

Methyl Acetate

Concen: 48.232 ug/l

RT: 5.037 min Scan# 527

Delta R.T. 0.000 min

Lab File: VN077080.D

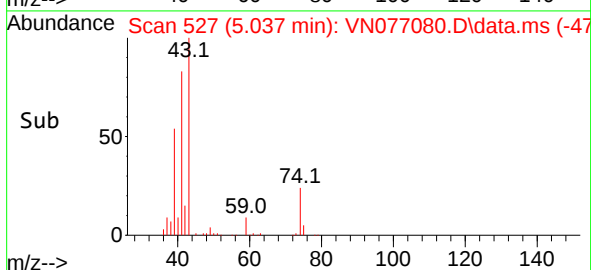
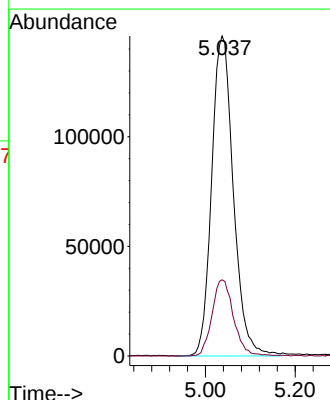
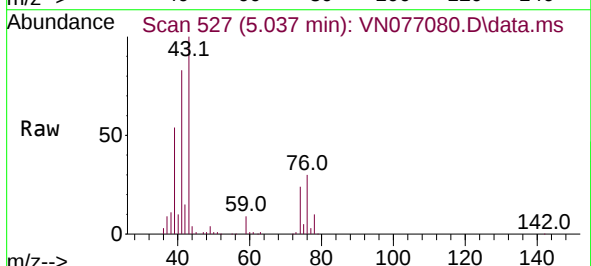
Acq: 20 Mar 2023 19:55

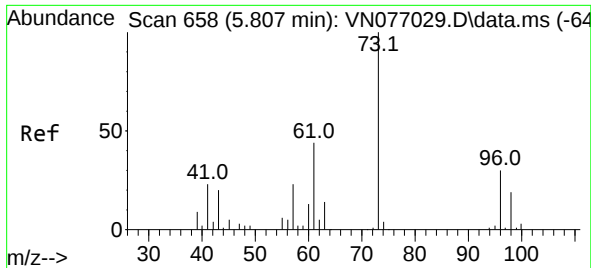
Tgt Ion: 43 Resp: 490995

Ion Ratio Lower Upper

43 100

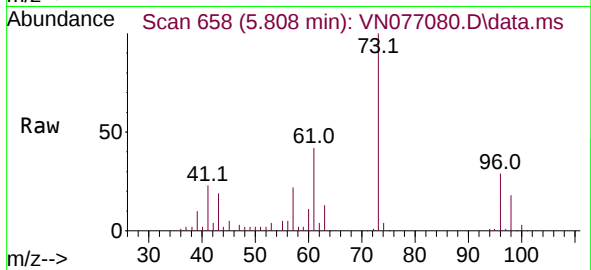
74 23.5 17.7 26.5





#19
Methyl tert-butyl Ether
Concen: 50.533 ug/l
RT: 5.808 min Scan# 61
Delta R.T. 0.001 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

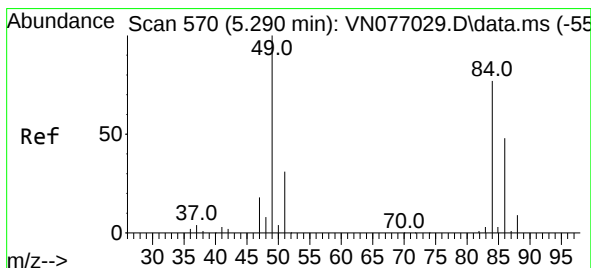
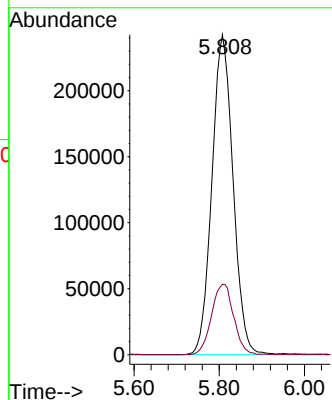
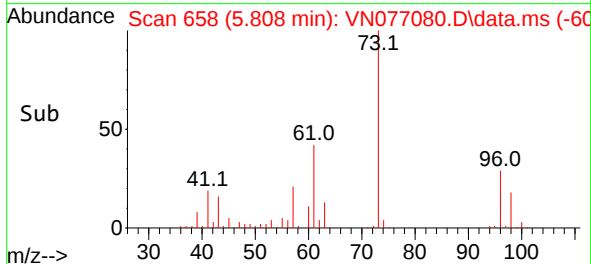
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



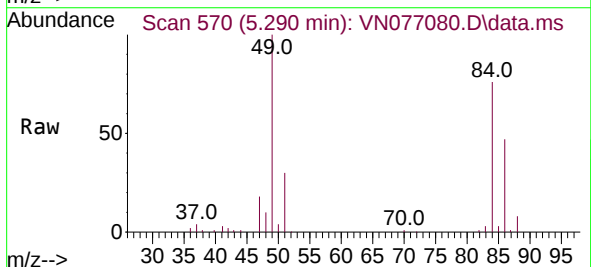
Tgt Ion: 73 Resp: 835150
Ion Ratio Lower Upper
73 100
57 22.0 18.7 28.1

Manual Integrations
APPROVED

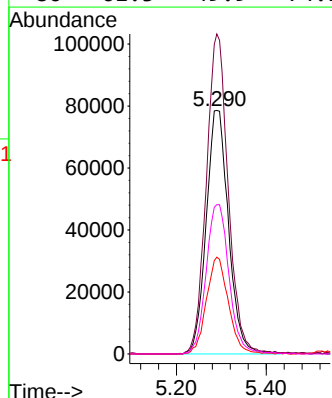
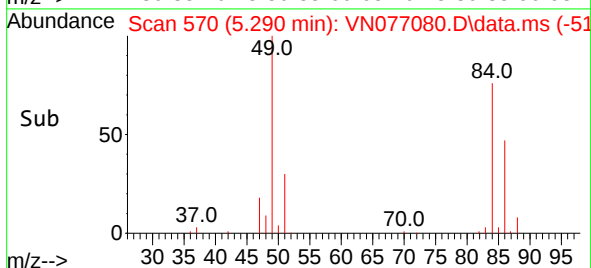
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

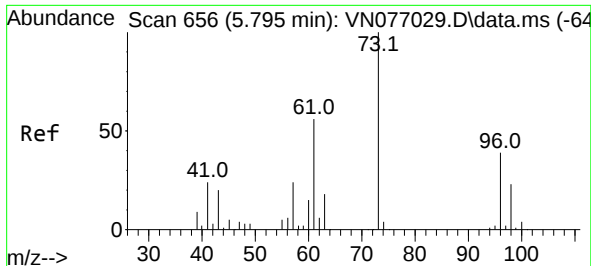


#20
Methylene Chloride
Concen: 46.468 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55



Tgt Ion: 84 Resp: 272246
Ion Ratio Lower Upper
84 100
49 131.1 103.8 155.6
51 39.8 32.3 48.5
86 61.3 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 48.726 ug/l

RT: 5.796 min Scan# 61

Delta R.T. 0.001 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 24320

Ion Ratio Lower Upper

96 100

61 146.5 115.8 173.6

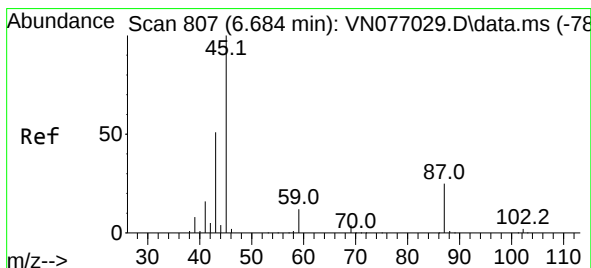
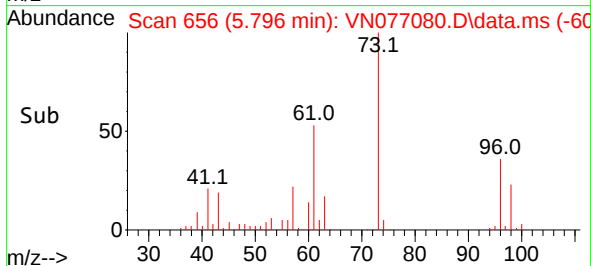
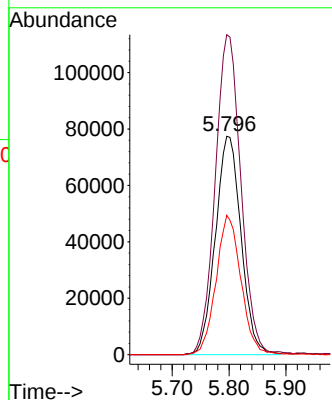
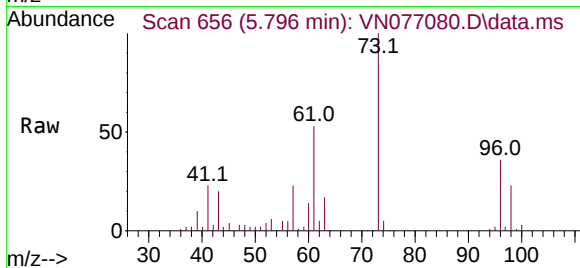
98 63.8 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#22

Diisopropyl ether

Concen: 49.520 ug/l

RT: 6.684 min Scan# 807

Delta R.T. -0.000 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

Tgt Ion: 45 Resp: 914658

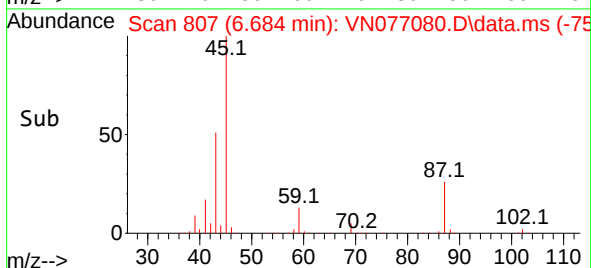
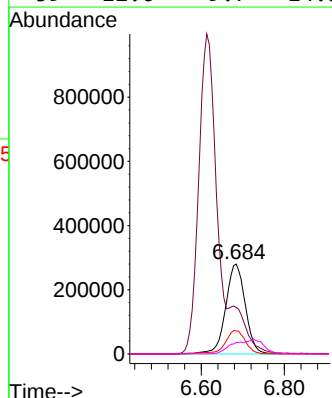
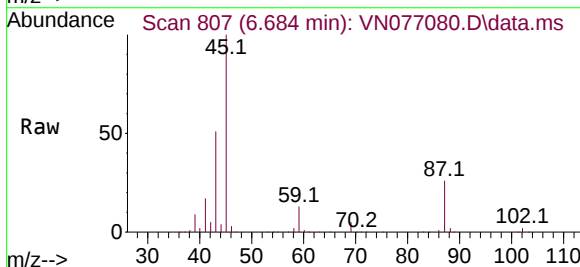
Ion Ratio Lower Upper

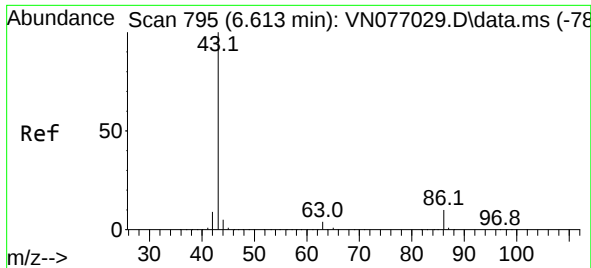
45 100

43 50.8 41.5 62.3

87 25.5 20.6 30.8

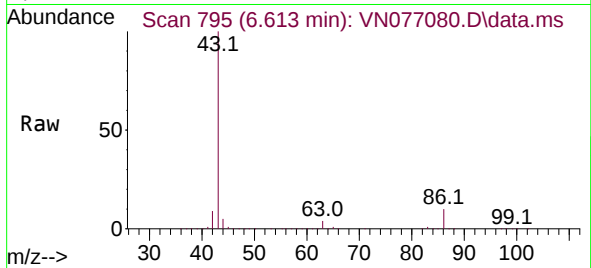
59 12.6 9.7 14.5





#23
 Vinyl Acetate
 Concen: 251.385 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077080.D
 Acq: 20 Mar 2023 19:55

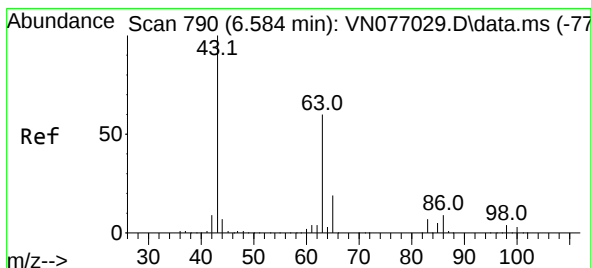
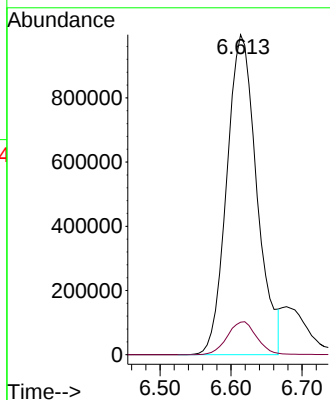
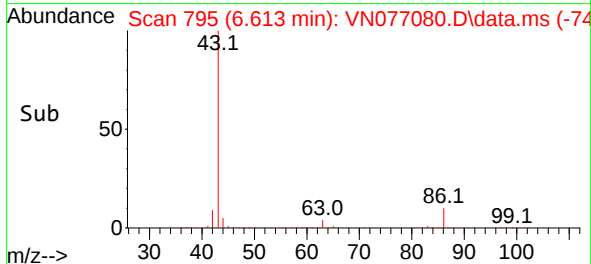
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



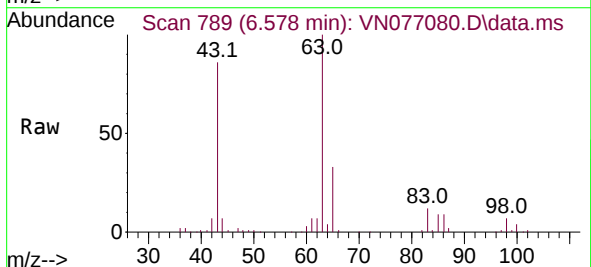
Tgt Ion: 43 Resp: 2930040
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.0 12.0

Manual Integrations
 APPROVED

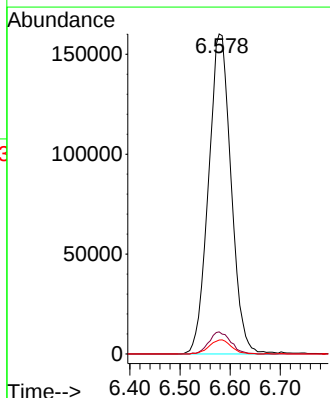
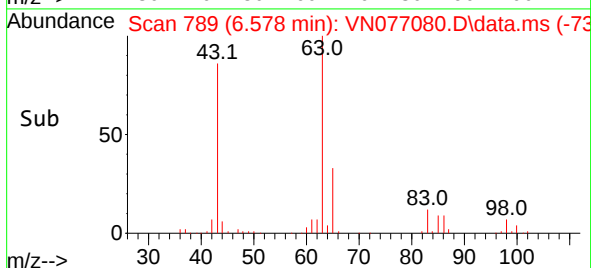
Reviewed By :John Carlone 03/21/2023
 Supervised By :Mahesh Dadoda 03/21/2023

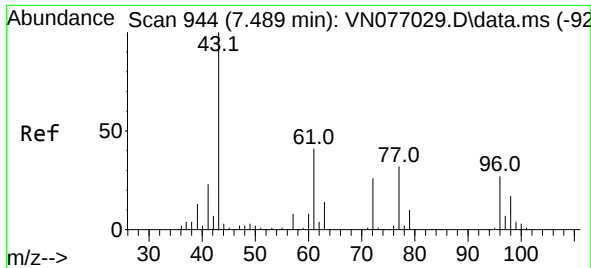


#24
 1,1-Dichloroethane
 Concen: 47.417 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN077080.D
 Acq: 20 Mar 2023 19:55



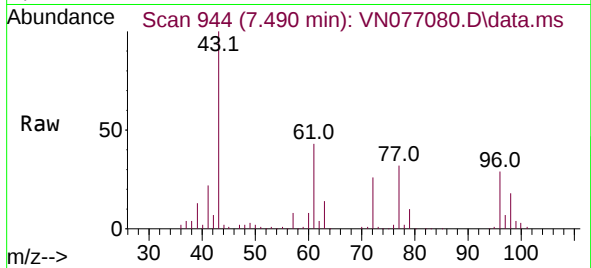
Tgt Ion: 63 Resp: 501170
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.4
 100 4.3 2.1 6.3





#25
2-Butanone
Concen: 241.392 ug/l
RT: 7.490 min Scan# 944
Delta R.T. 0.001 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

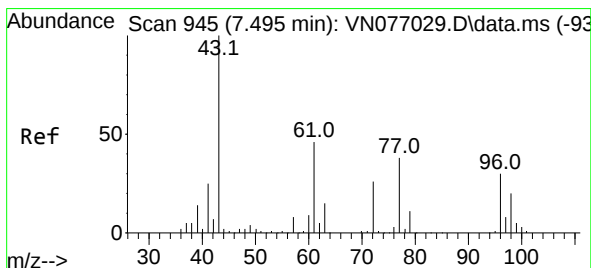
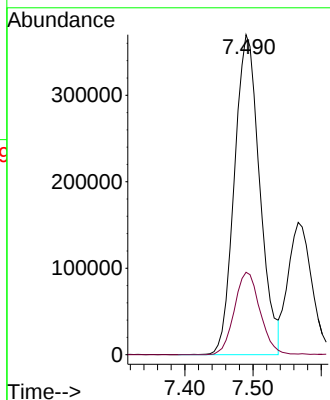
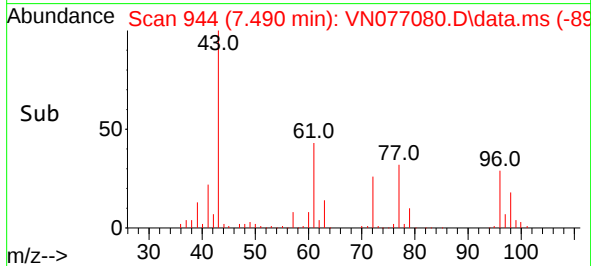
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



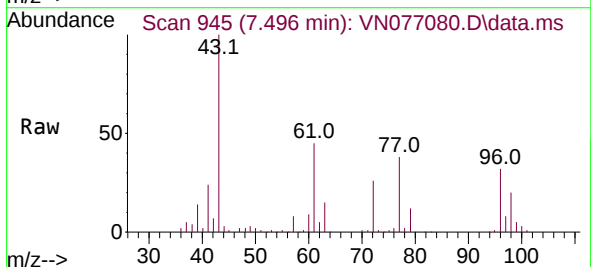
Tgt Ion: 43 Resp: 95327
Ion Ratio Lower Upper
43 100
72 25.7 20.7 31.1

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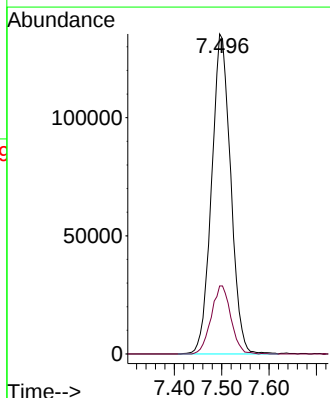
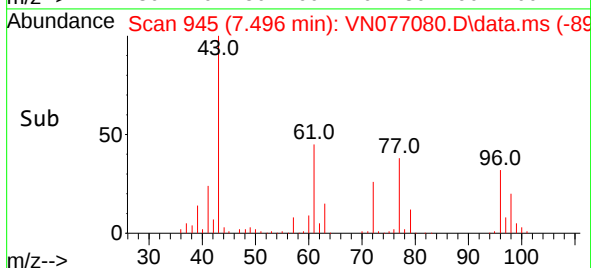
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

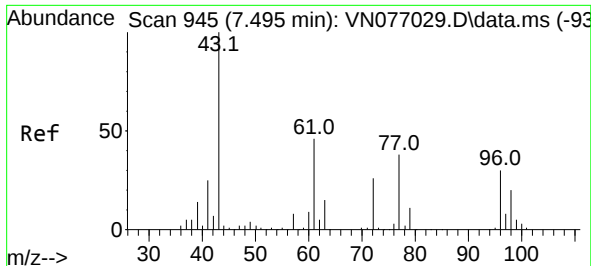


#26
2,2-Dichloropropane
Concen: 47.602 ug/l
RT: 7.496 min Scan# 945
Delta R.T. 0.001 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55



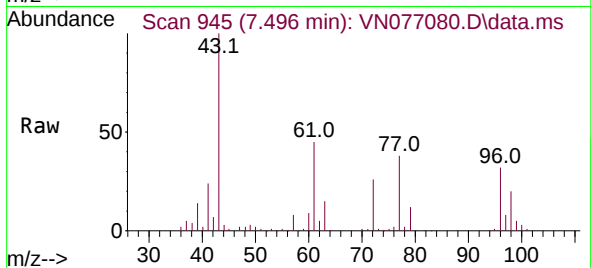
Tgt Ion: 77 Resp: 378564
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 50.423 ug/l
 RT: 7.496 min Scan# 945
 Delta R.T. 0.001 min
 Lab File: VN077080.D
 Acq: 20 Mar 2023 19:55

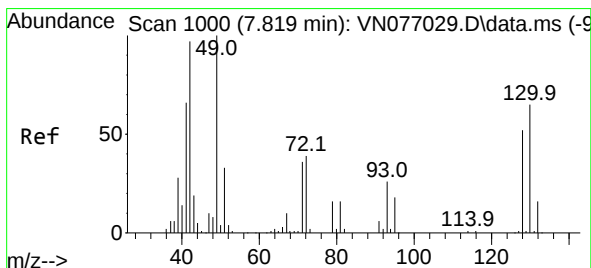
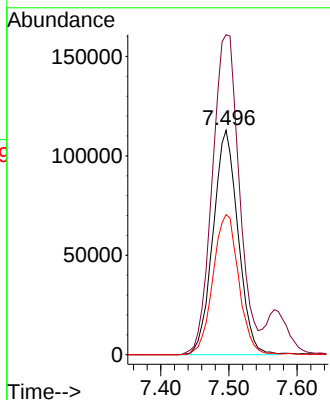
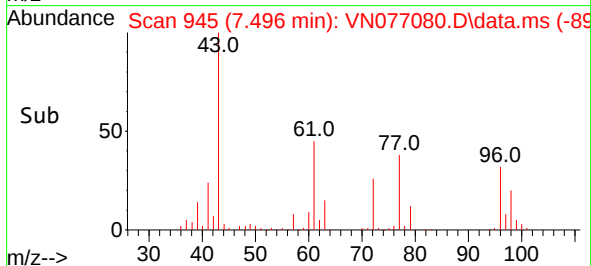
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 288238
 Ion Ratio Lower Upper
 96 100
 61 153.5 0.0 315.4
 98 64.3 0.0 128.6

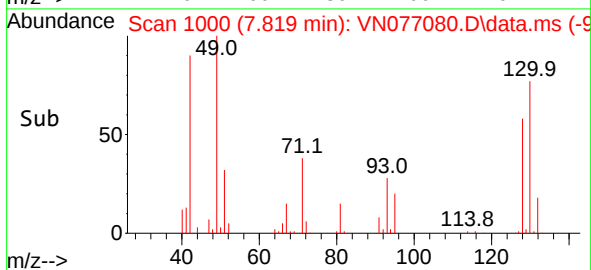
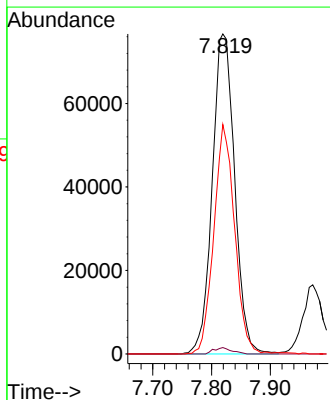
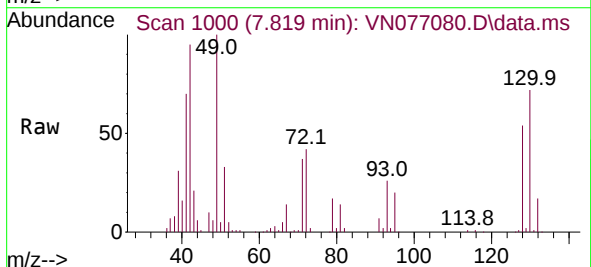
Manual Integrations
 APPROVED

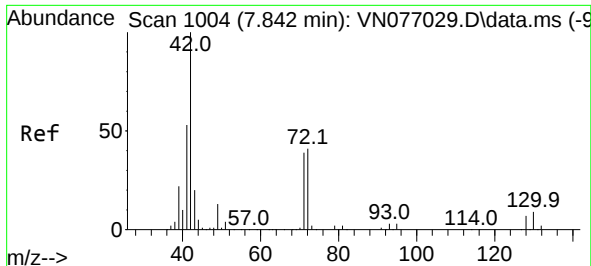
Reviewed By :John Carlone 03/21/2023
 Supervised By :Mahesh Dadoda 03/21/2023



#28
 Bromochloromethane
 Concen: 44.236 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. 0.000 min
 Lab File: VN077080.D
 Acq: 20 Mar 2023 19:55

Tgt Ion: 49 Resp: 203045
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.2
 130 66.6 51.9 77.9





#29

Tetrahydrofuran

Concen: 251.537 ug/l

RT: 7.843 min Scan# 1004

Delta R.T. 0.001 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

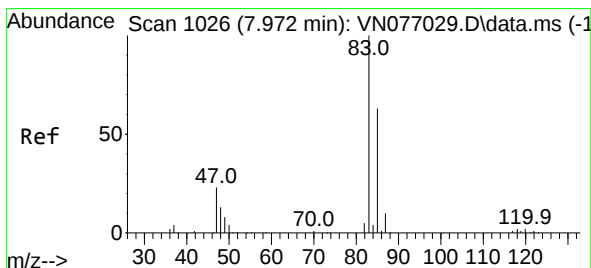
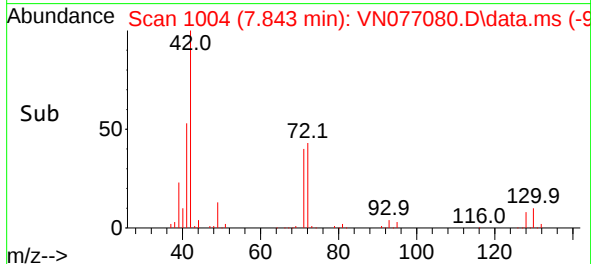
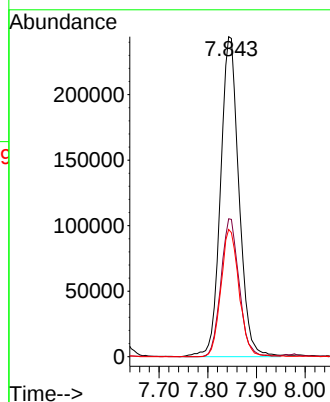
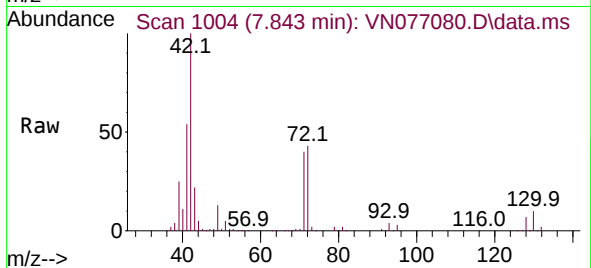
Tgt Ion: 42 Resp: 64368
 Ion Ratio Lower Upper
 42 100
 72 42.5 33.2 49.8
 71 39.2 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#30

Chloroform

Concen: 47.993 ug/l

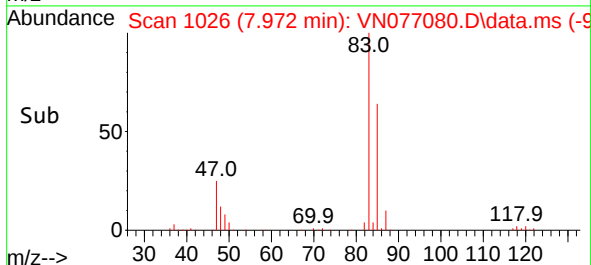
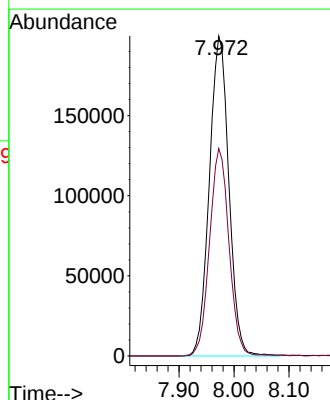
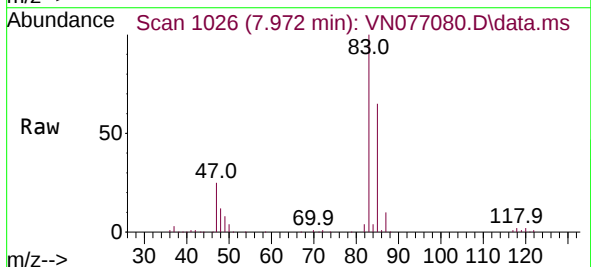
RT: 7.972 min Scan# 1026

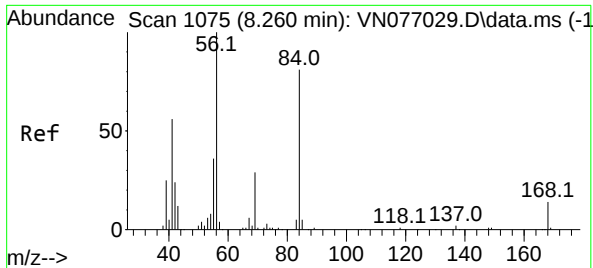
Delta R.T. 0.000 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

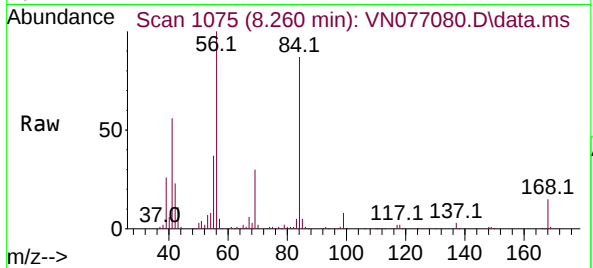
Tgt Ion: 83 Resp: 492338
 Ion Ratio Lower Upper
 83 100
 85 64.8 50.6 75.8





#31
Cyclohexane
Concen: 44.960 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

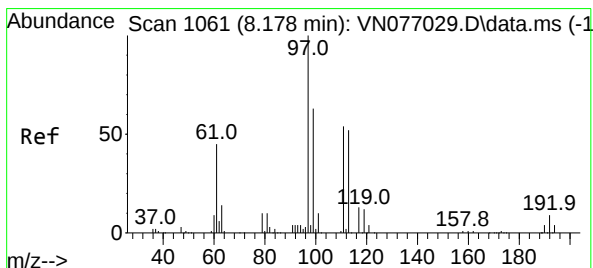
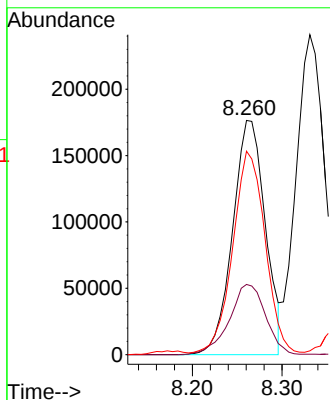
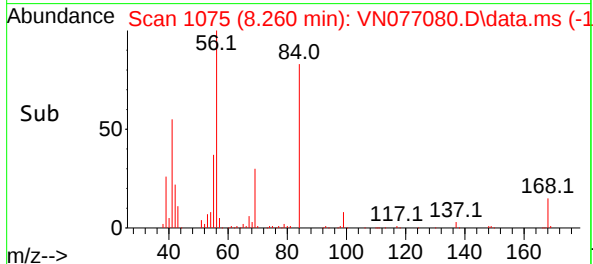
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



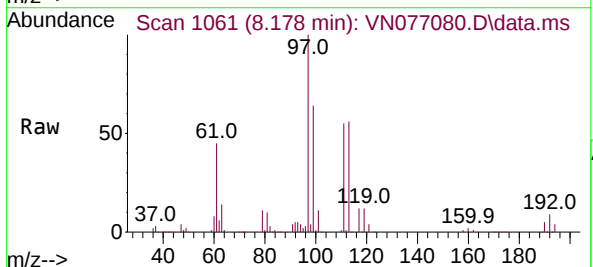
Tgt Ion: 56 Resp: 445679
Ion Ratio Lower Upper
56 100
69 30.0 22.8 34.2
84 85.3 64.7 97.1

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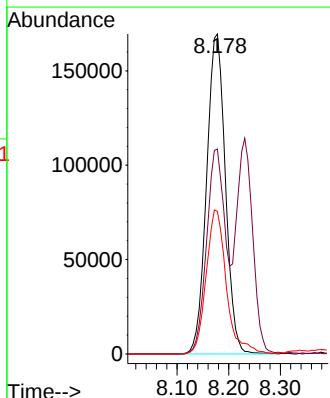
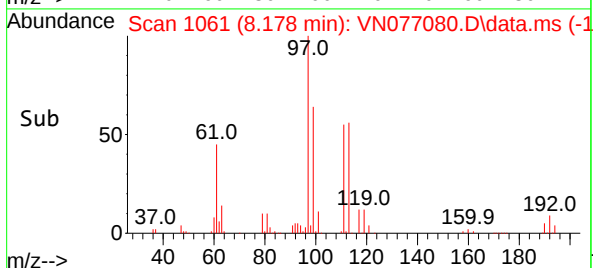
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

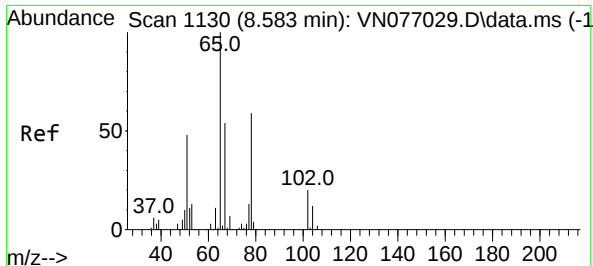


#32
1,1,1-Trichloroethane
Concen: 48.842 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55



Tgt Ion: 97 Resp: 428241
Ion Ratio Lower Upper
97 100
99 63.1 50.2 75.2
61 48.4 39.0 58.6





#33

1,2-Dichloroethane-d4

Concen: 49.257 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.001 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 29842

Ion Ratio Lower Upper

65 100

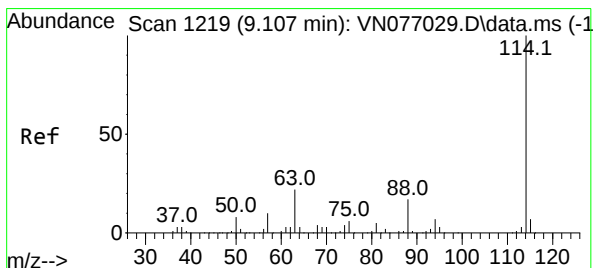
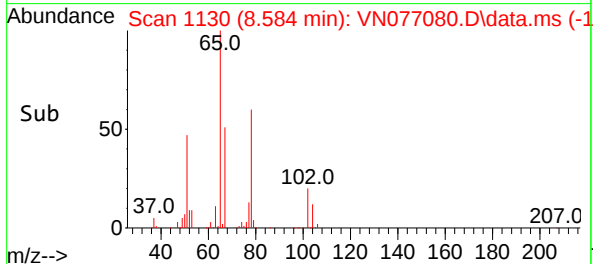
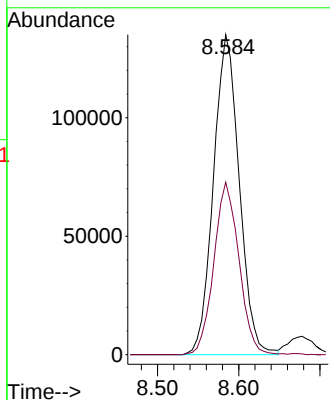
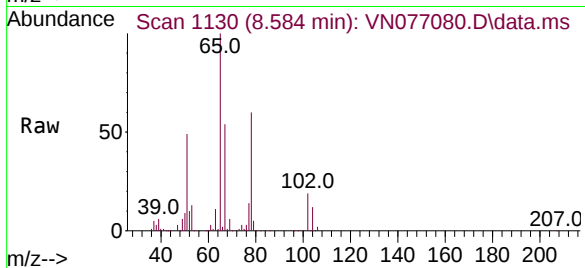
67 52.4 0.0 105.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

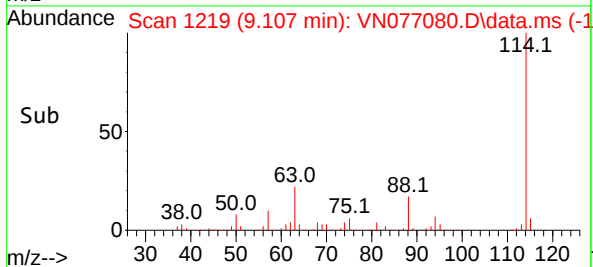
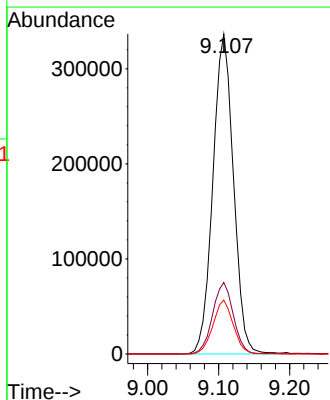
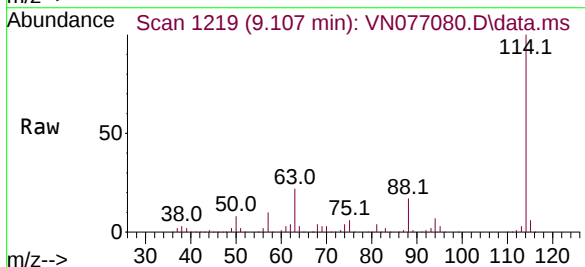
Tgt Ion:114 Resp: 675726

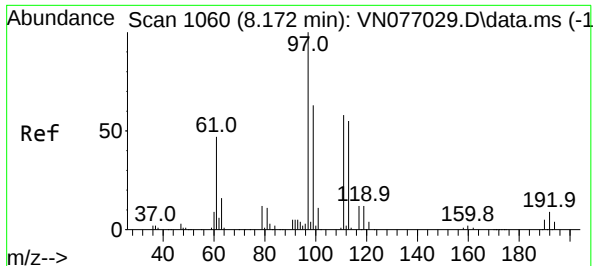
Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.6

88 16.8 0.0 33.8





#35

Dibromofluoromethane

Concen: 48.282 ug/l

RT: 8.178 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 228478

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.2

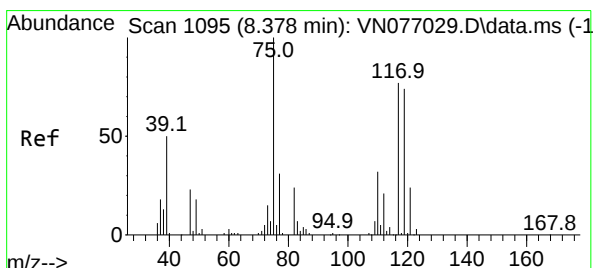
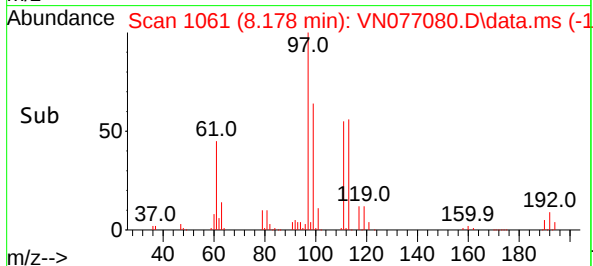
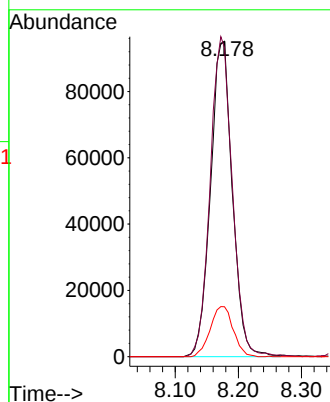
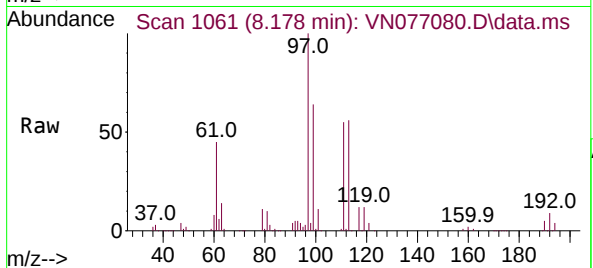
192 16.7 13.0 19.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#36

1,1-Dichloropropene

Concen: 49.137 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. 0.000 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

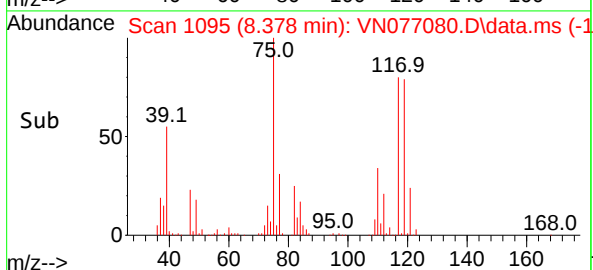
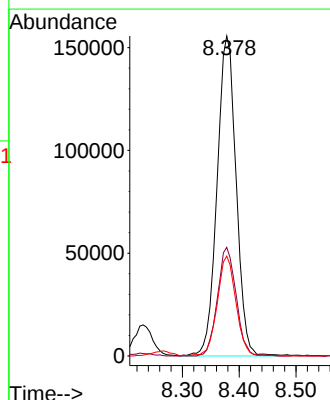
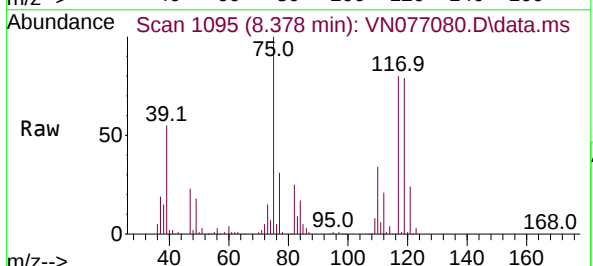
Tgt Ion: 75 Resp: 363184

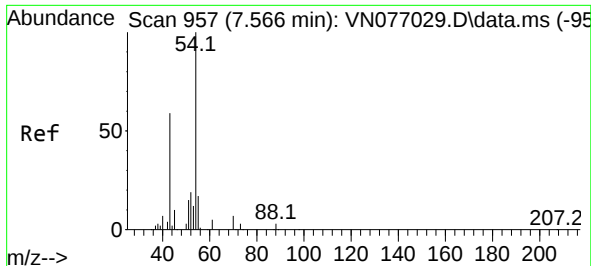
Ion Ratio Lower Upper

75 100

110 33.3 15.9 47.7

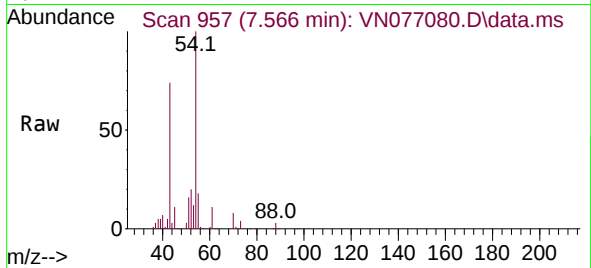
77 30.2 24.3 36.5





#37
Ethyl Acetate
Concen: 48.650 ug/l
RT: 7.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

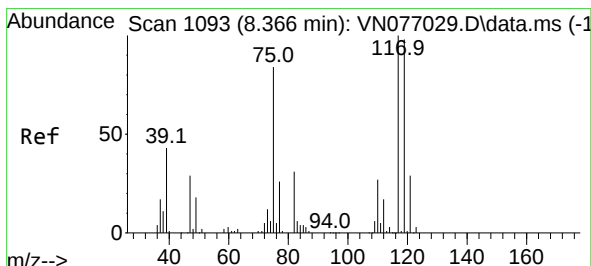
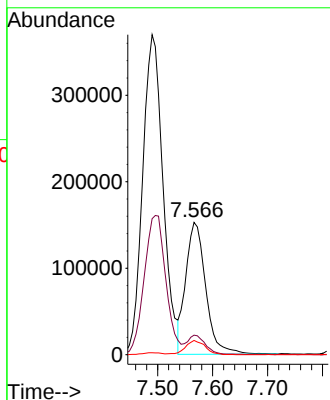
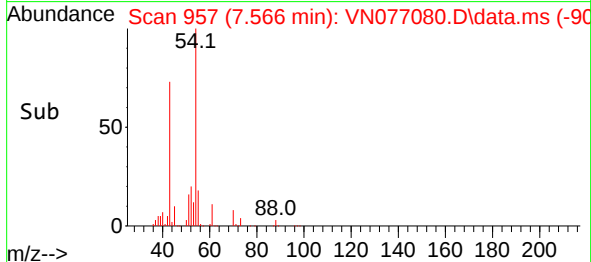
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 38473
Ion Ratio Lower Upper
43 100
61 12.7 11.0 16.6
70 10.6 8.4 12.6

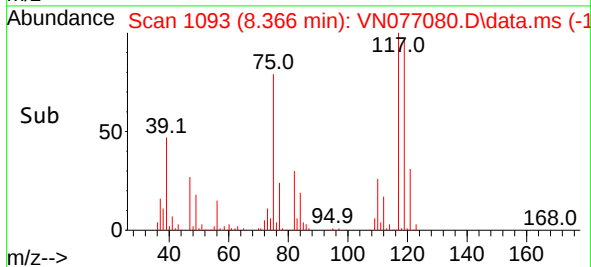
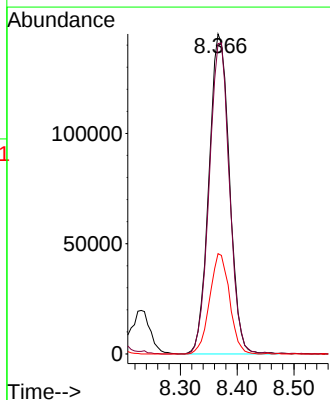
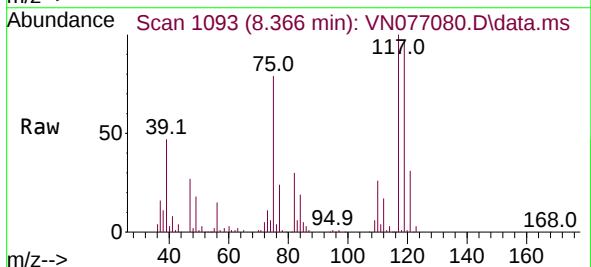
Manual Integrations
APPROVED

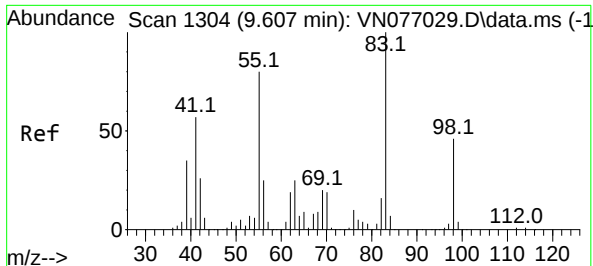
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#38
Carbon Tetrachloride
Concen: 50.572 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Tgt Ion:117 Resp: 364089
Ion Ratio Lower Upper
117 100
119 97.0 78.2 117.2
121 31.4 23.2 34.8





#39

Methylcyclohexane

Concen: 51.530 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 445808

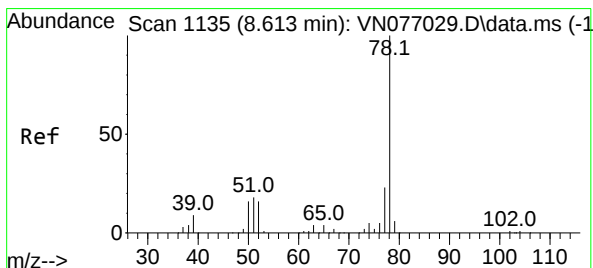
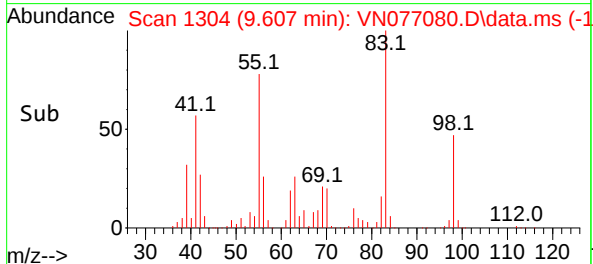
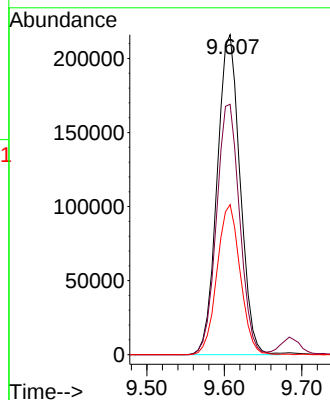
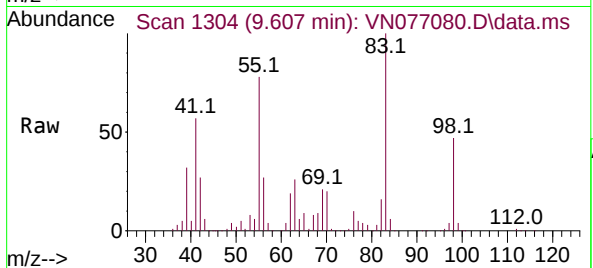
Ion	Ratio	Lower	Upper
83	100		
55	78.3	63.8	95.8
98	46.9	37.1	55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#40

Benzene

Concen: 49.148 ug/l

RT: 8.613 min Scan# 1135

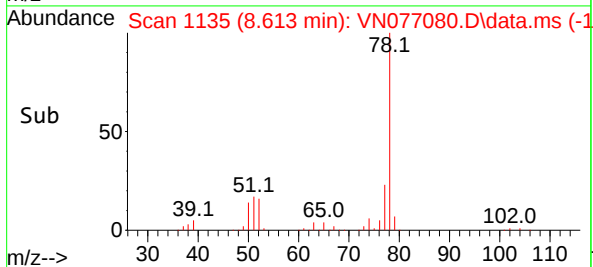
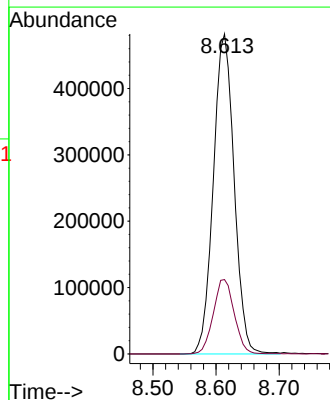
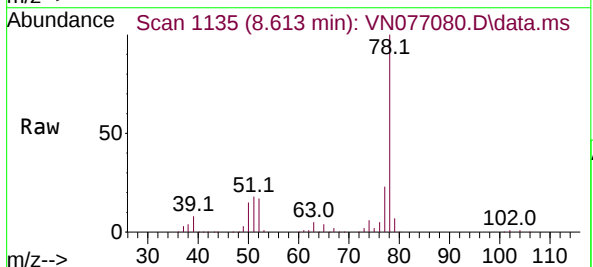
Delta R.T. 0.000 min

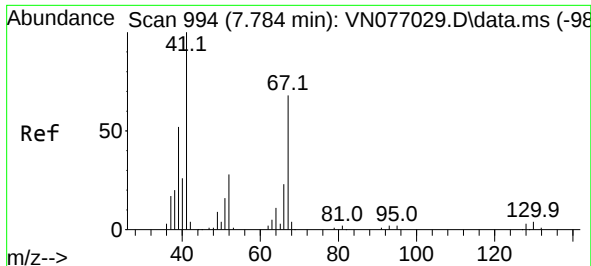
Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

Tgt Ion: 78 Resp: 1101696

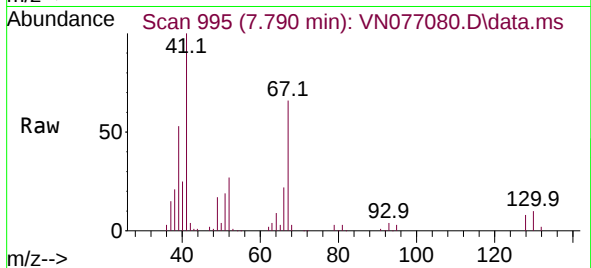
Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.5	27.7





#41
Methacrylonitrile
Concen: 48.662 ug/l m
RT: 7.790 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

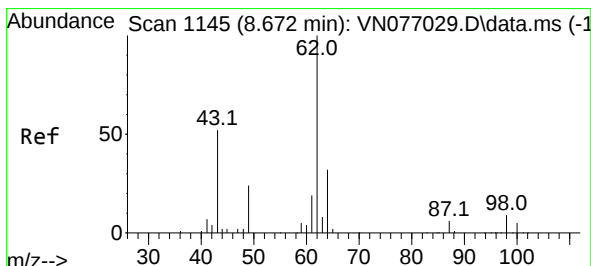
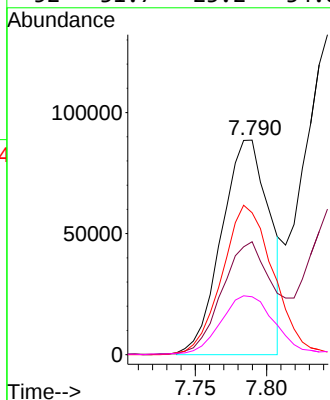
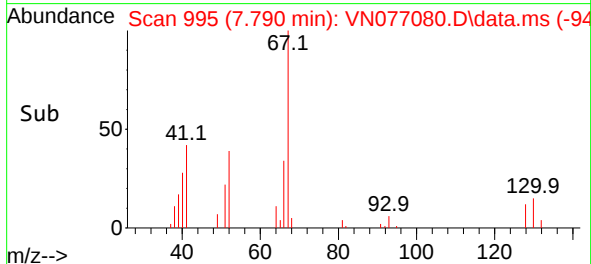
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



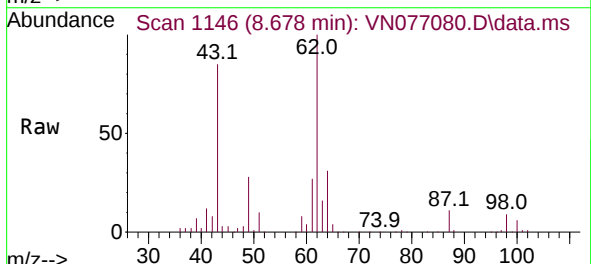
Tgt Ion: 41 Resp: 20731
Ion Ratio Lower Upper
41 100
39 55.9 41.6 62.4
67 74.7 53.8 80.8
52 31.7 23.2 34.8

Manual Integrations
APPROVED

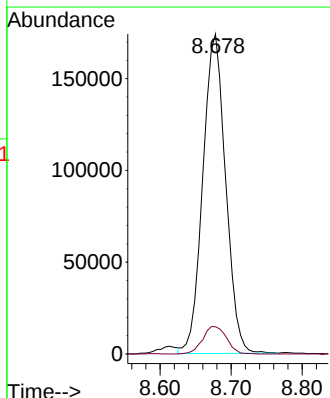
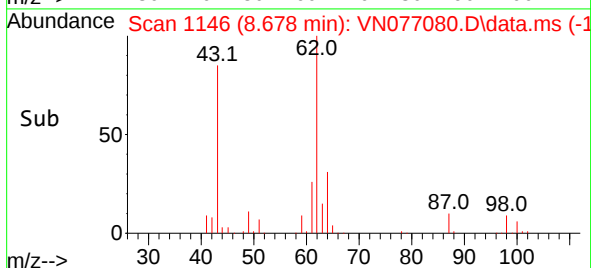
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

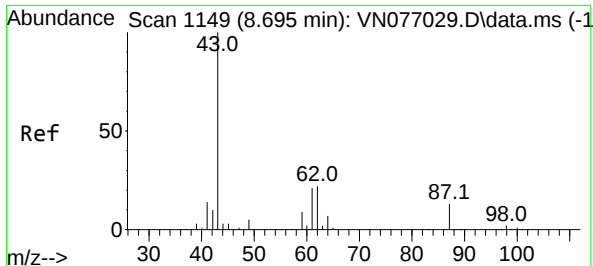


#42
1,2-Dichloroethane
Concen: 47.975 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55



Tgt Ion: 62 Resp: 388607
Ion Ratio Lower Upper
62 100
98 9.0 0.0 17.4





#43

Isopropyl Acetate

Concen: 51.095 ug/l

RT: 8.696 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 63122

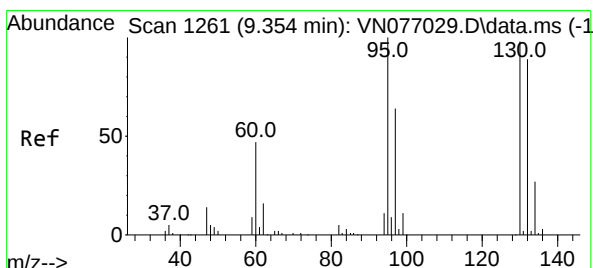
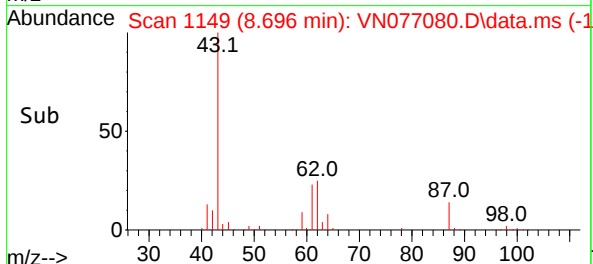
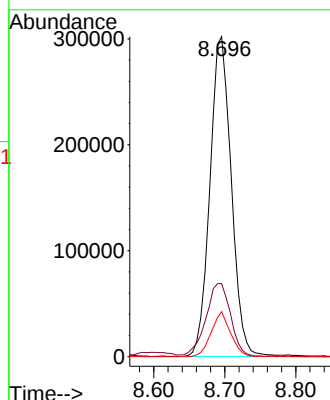
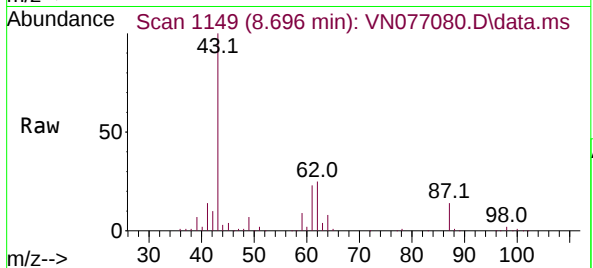
Ion	Ratio	Lower	Upper
43	100		
61	26.5	20.6	30.8
87	12.7	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#44

Trichloroethene

Concen: 49.229 ug/l

RT: 9.360 min Scan# 1262

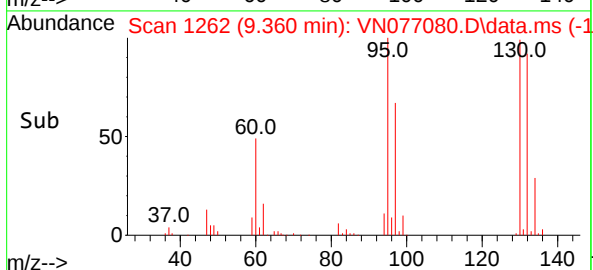
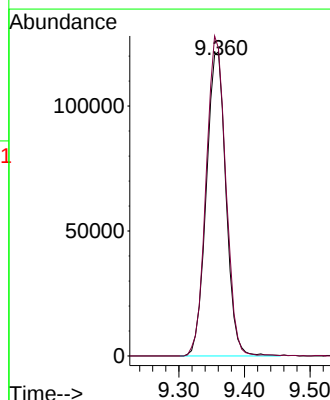
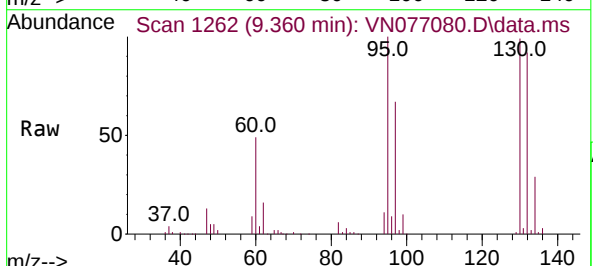
Delta R.T. 0.006 min

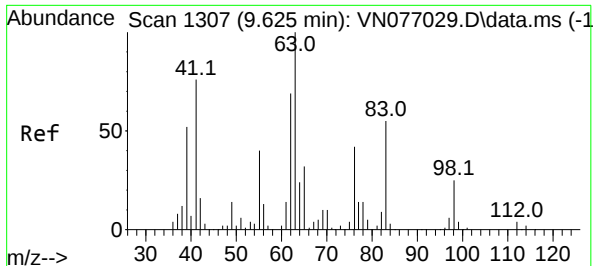
Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

Tgt Ion:130 Resp: 253476

Ion	Ratio	Lower	Upper
130	100		
95	101.2	0.0	204.4





#45

1,2-Dichloropropane

Concen: 49.335 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 293719

Ion Ratio Lower Upper

63 100

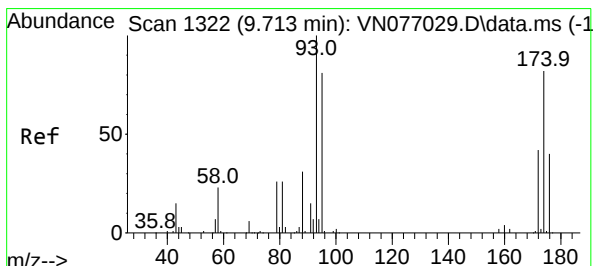
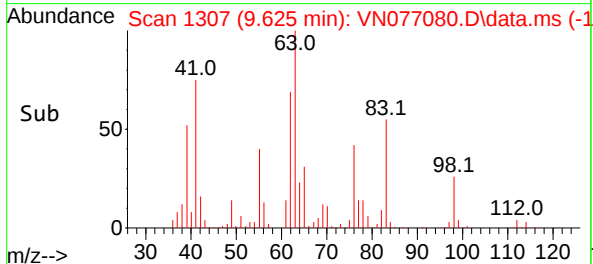
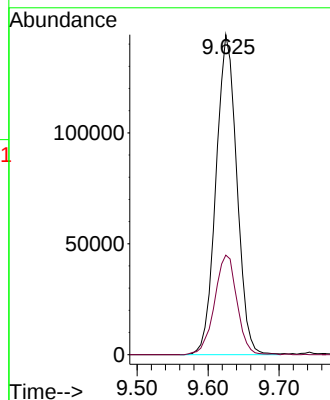
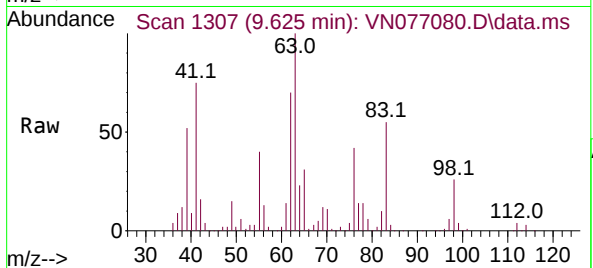
65 31.1 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#46

Dibromomethane

Concen: 48.742 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

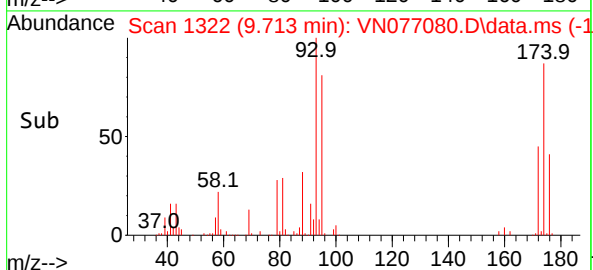
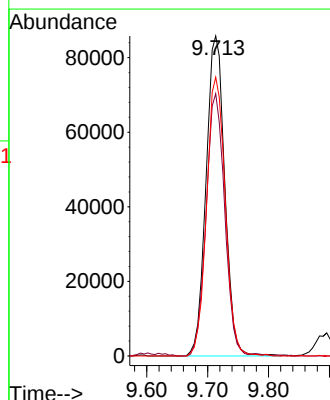
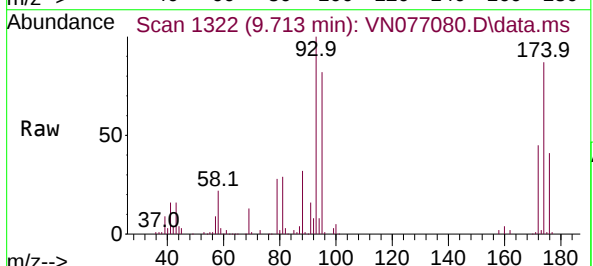
Tgt Ion: 93 Resp: 183014

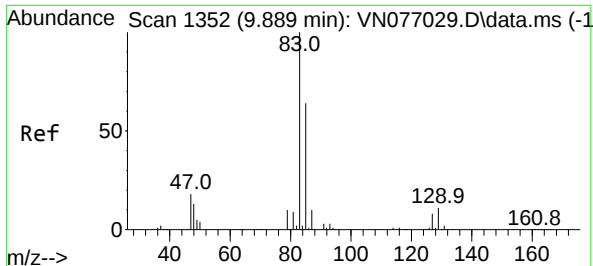
Ion Ratio Lower Upper

93 100

95 81.4 65.7 98.5

174 86.7 66.4 99.6





#47

Bromodichloromethane

Concen: 50.157 ug/l

RT: 9.890 min Scan# 1352

Delta R.T. 0.000 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

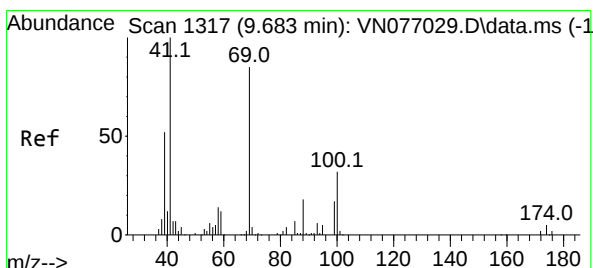
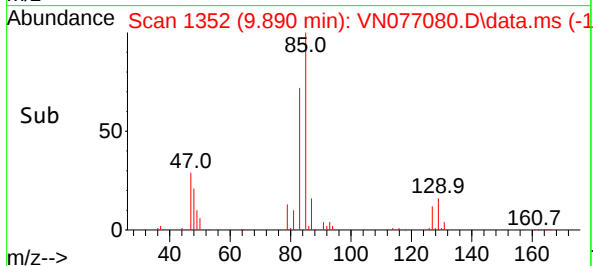
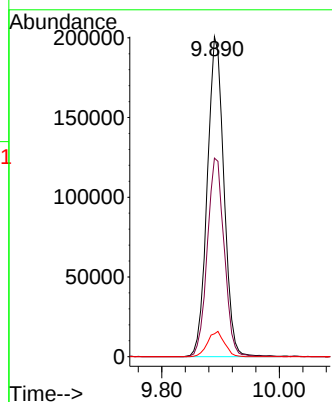
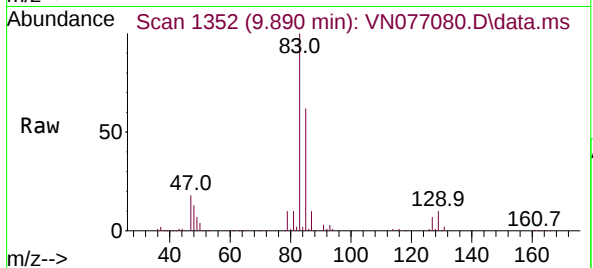
Tgt Ion: 83 Resp: 394980
 Ion Ratio Lower Upper
 83 100
 85 62.1 51.0 76.4
 127 7.1 6.1 9.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#48

Methyl methacrylate

Concen: 52.910 ug/l

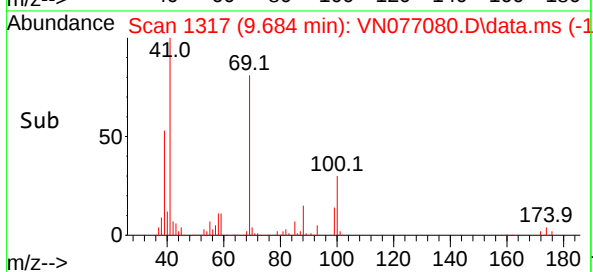
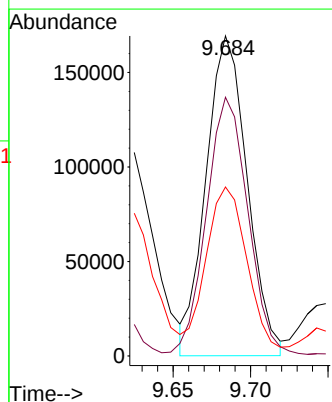
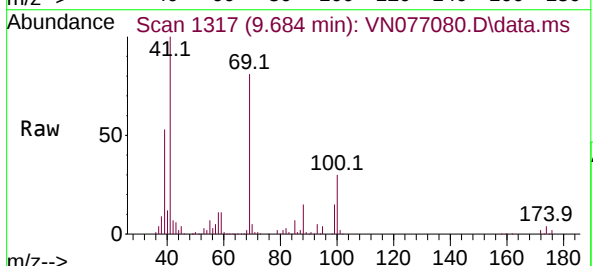
RT: 9.684 min Scan# 1317

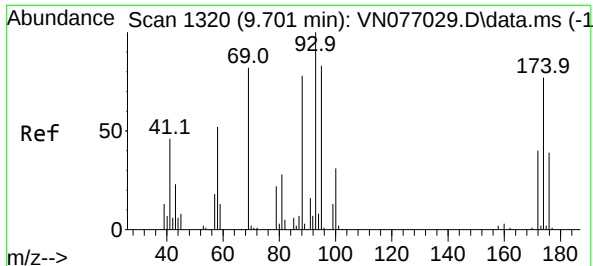
Delta R.T. 0.000 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

Tgt Ion: 41 Resp: 312488
 Ion Ratio Lower Upper
 41 100
 69 82.8 64.3 96.5
 39 53.7 43.2 64.8





#49

1,4-Dioxane

Concen: 1022.190 ug/l

RT: 9.701 min Scan# 1320

Delta R.T. 0.000 min

Lab File: VN077080.D

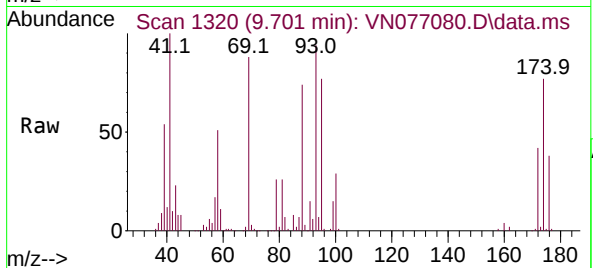
Acq: 20 Mar 2023 19:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



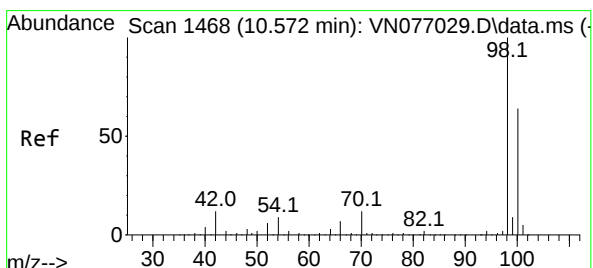
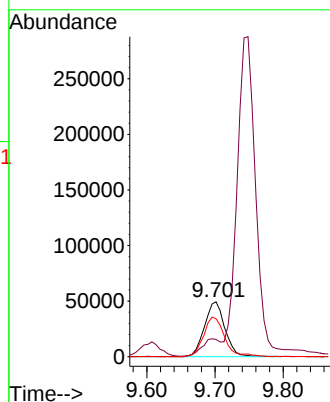
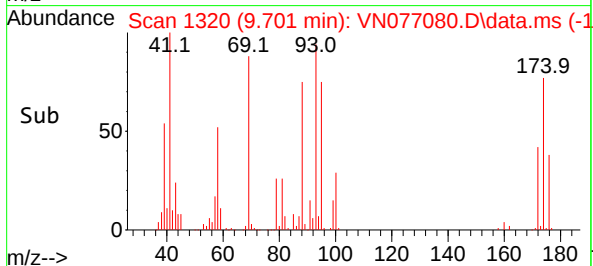
Tgt Ion: 88	Resp: 10311
Ion Ratio	Lower Upper
88	100
43	28.2 22.2 33.2
58	74.4 60.8 91.2

Manual Integrations

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Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#50

Toluene-d8

Concen: 51.125 ug/l

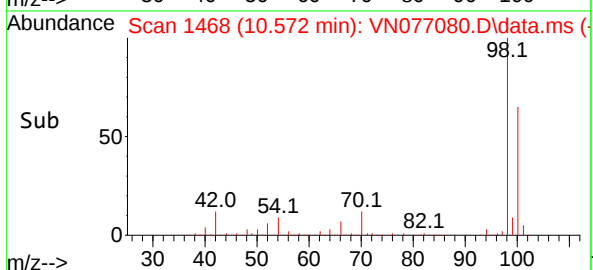
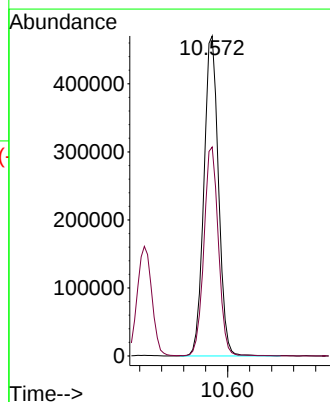
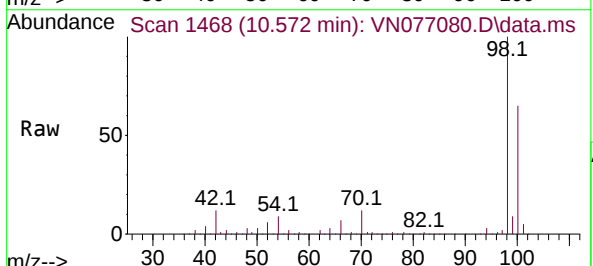
RT: 10.572 min Scan# 1468

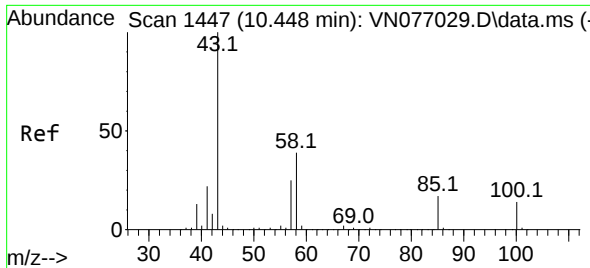
Delta R.T. 0.000 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

Tgt Ion: 98	Resp: 864226
Ion Ratio	Lower Upper
98	100
100	65.2 51.6 77.4





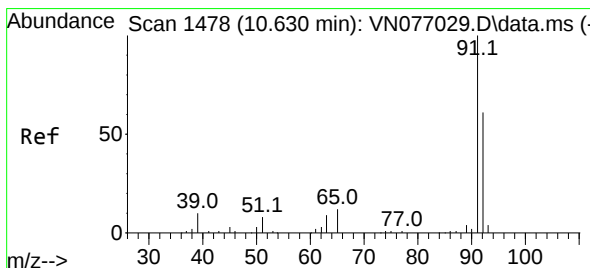
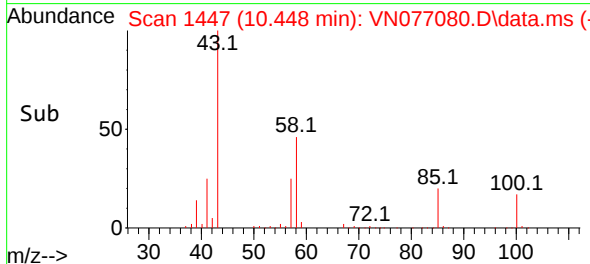
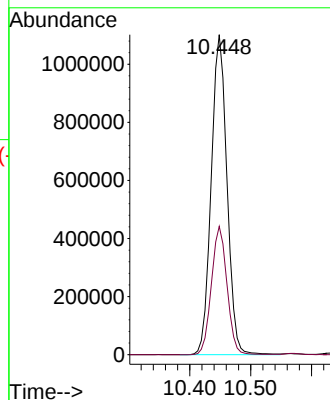
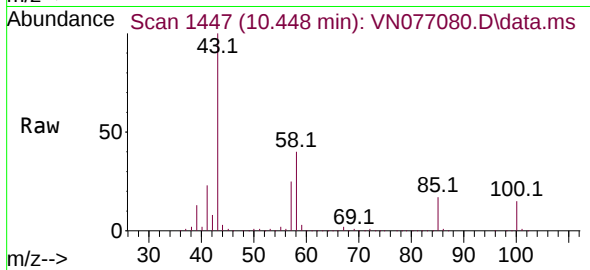
#51
4-Methyl-2-Pentanone
Concen: 257.150 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1978259
Ion Ratio Lower Upper
43 100
58 39.7 31.1 46.7

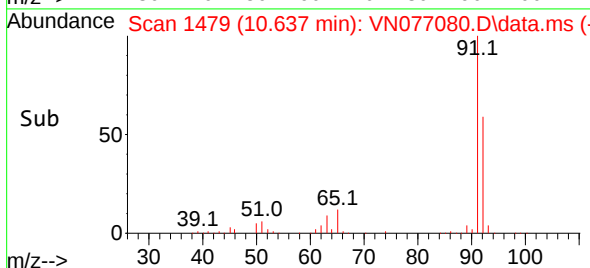
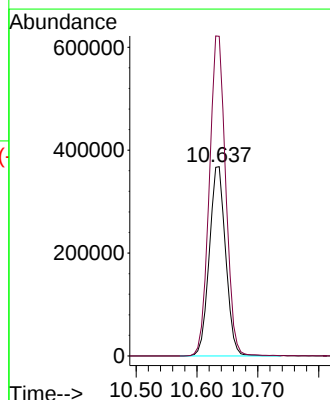
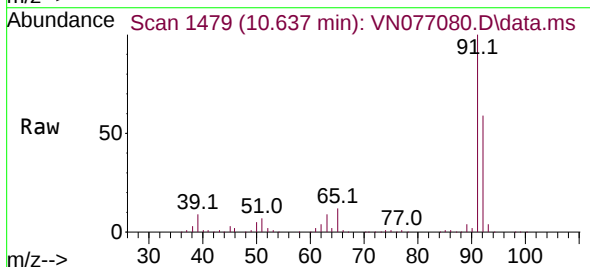
Manual Integrations
APPROVED

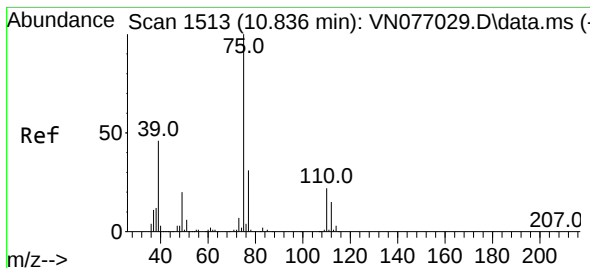
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#52
Toluene
Concen: 51.286 ug/l
RT: 10.637 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

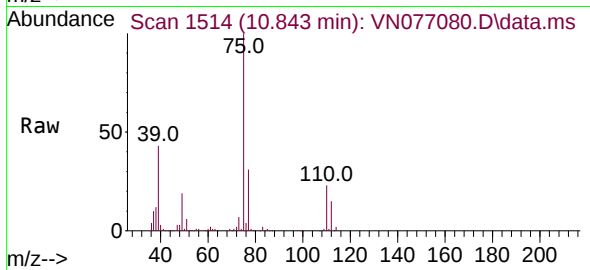
Tgt Ion: 92 Resp: 686419
Ion Ratio Lower Upper
92 100
91 169.5 135.8 203.8





#53
t-1,3-Dichloropropene
Concen: 54.632 ug/l
RT: 10.843 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

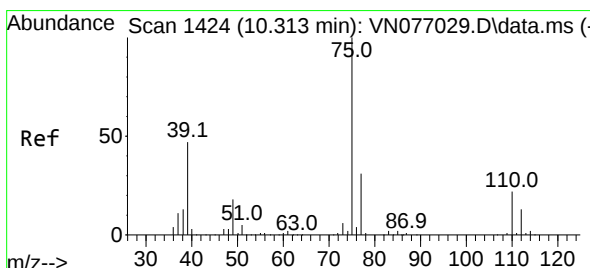
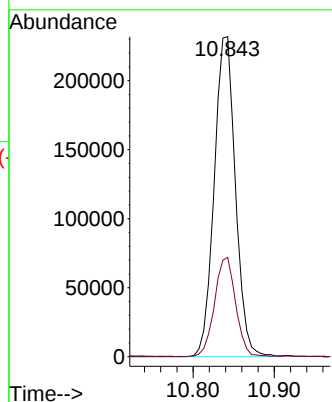
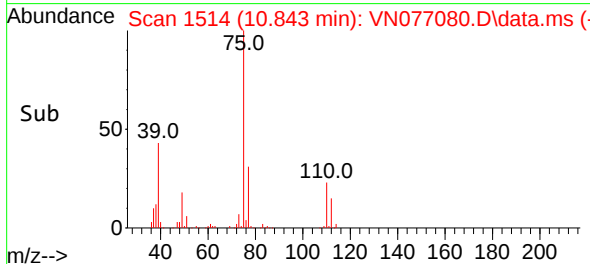
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 42166
Ion Ratio Lower Upper
75 100
77 30.9 25.1 37.7

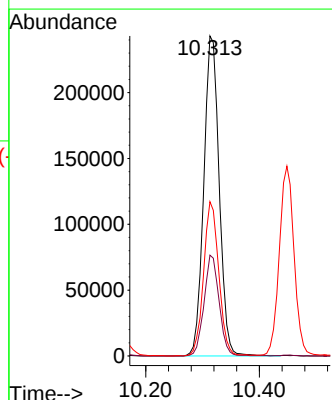
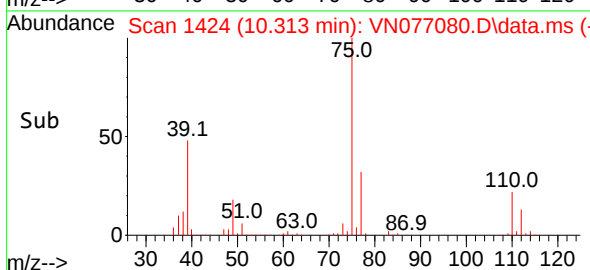
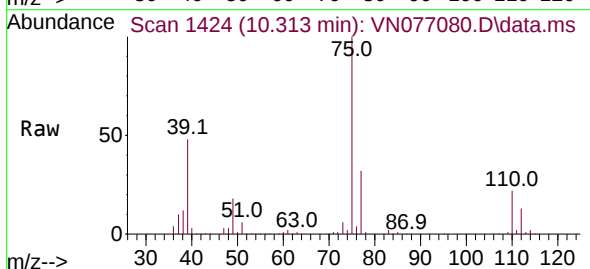
Manual Integrations
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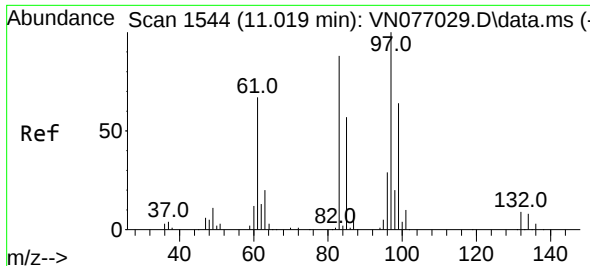
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#54
cis-1,3-Dichloropropene
Concen: 52.506 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

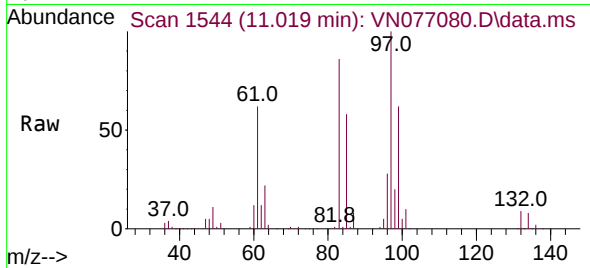
Tgt Ion: 75 Resp: 457242
Ion Ratio Lower Upper
75 100
77 31.5 24.5 36.7
39 48.1 37.8 56.6





#55
1,1,2-Trichloroethane
Concen: 50.788 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

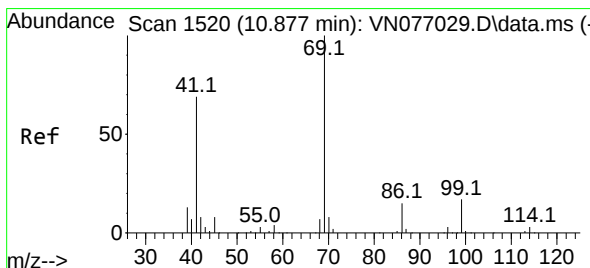
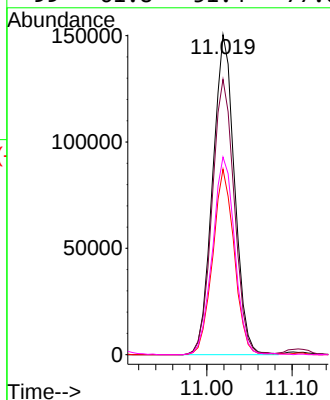
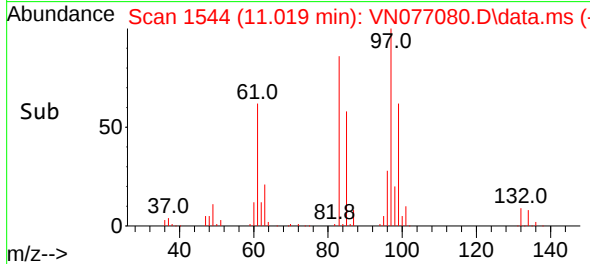
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



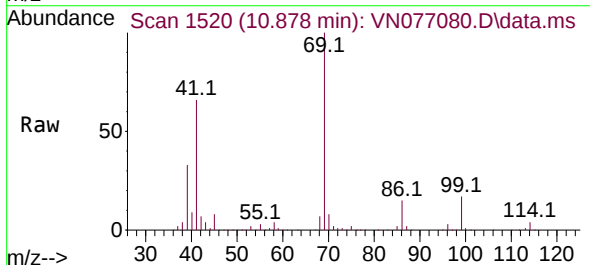
Tgt Ion: 97 Resp: 268040
Ion Ratio Lower Upper
97 100
83 86.0 70.5 105.7
85 57.9 45.4 68.2
99 61.8 51.4 77.0

Manual Integrations
APPROVED

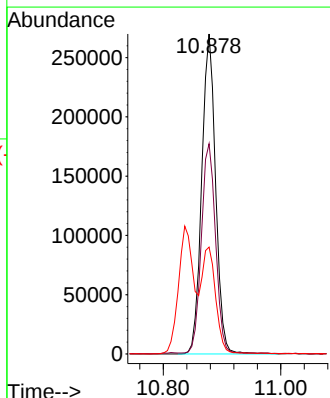
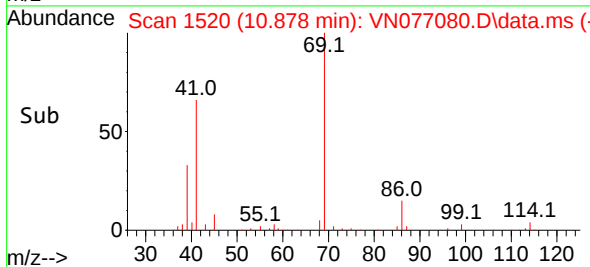
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

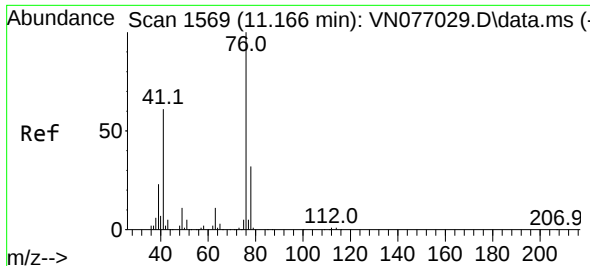


#56
Ethyl methacrylate
Concen: 55.637 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55



Tgt Ion: 69 Resp: 441548
Ion Ratio Lower Upper
69 100
41 66.9 54.9 82.3
39 32.2 26.6 40.0





#57

1,3-Dichloropropane

Concen: 49.171 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 47512

Ion Ratio Lower Upper

76 100

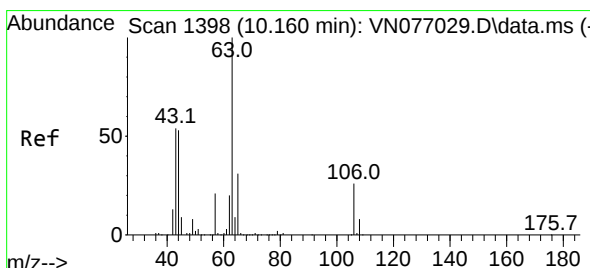
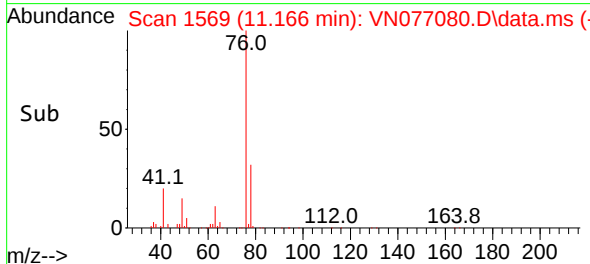
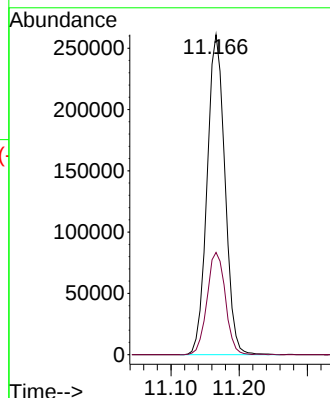
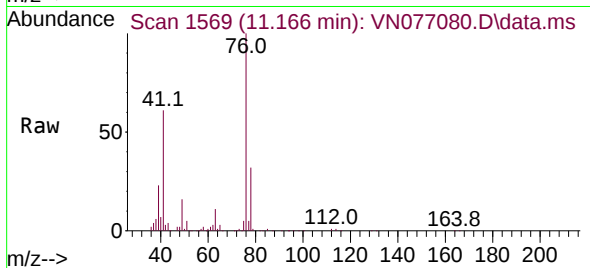
78 32.8 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#58

2-Chloroethyl Vinyl ether

Concen: 243.908 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN077080.D

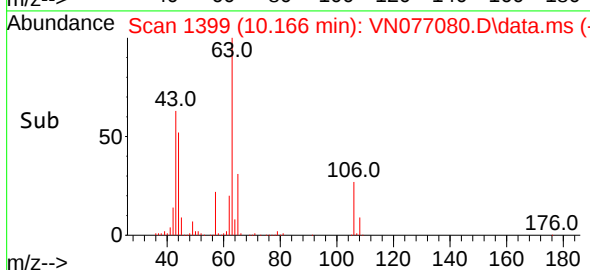
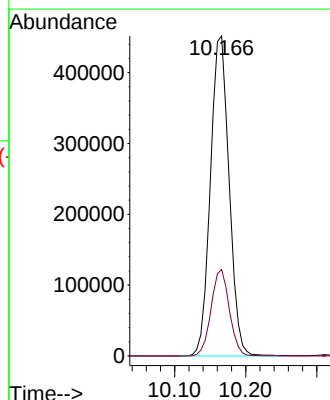
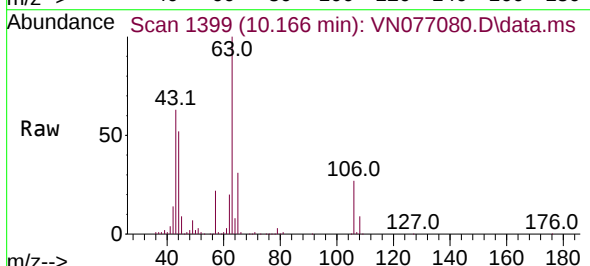
Acq: 20 Mar 2023 19:55

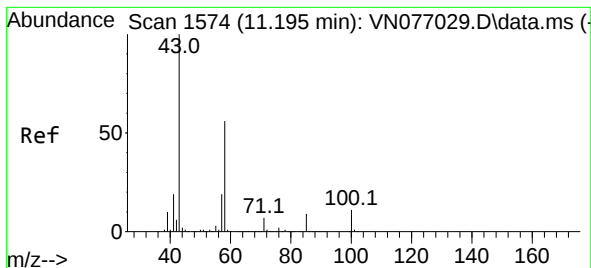
Tgt Ion: 63 Resp: 825246

Ion Ratio Lower Upper

63 100

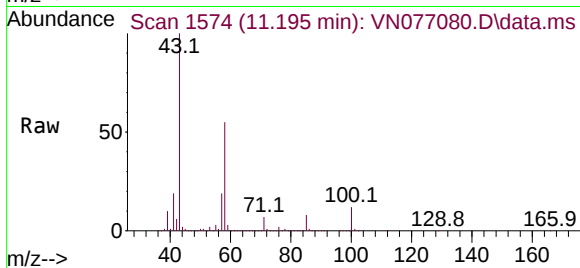
106 26.4 20.6 31.0





#59
2-Hexanone
Concen: 256.539 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

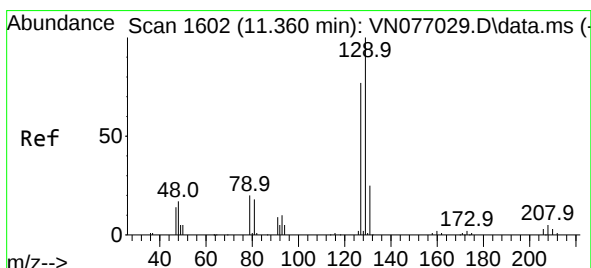
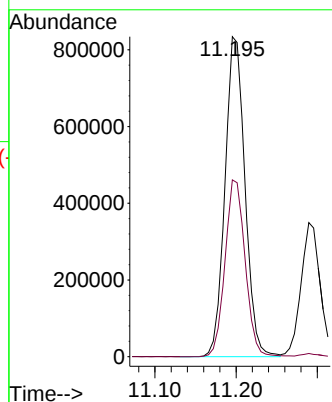
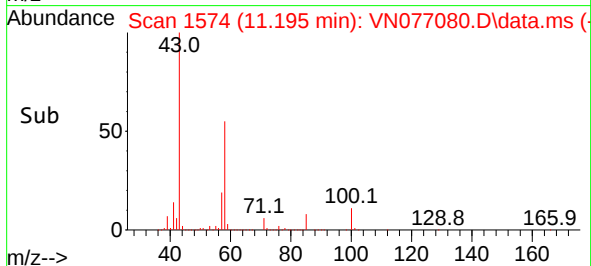
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 143144
Ion Ratio Lower Upper
43 100
58 55.5 27.7 83.1

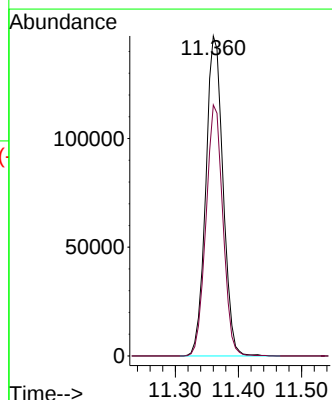
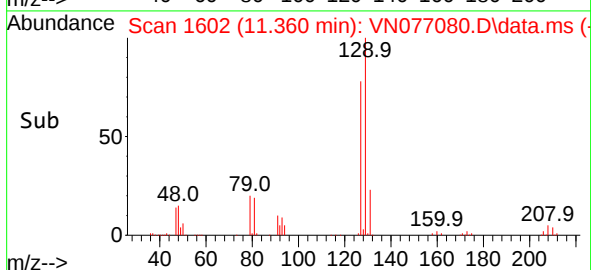
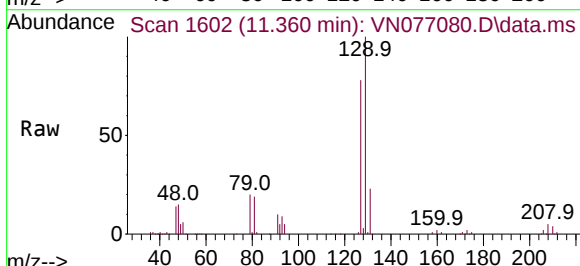
Manual Integrations
APPROVED

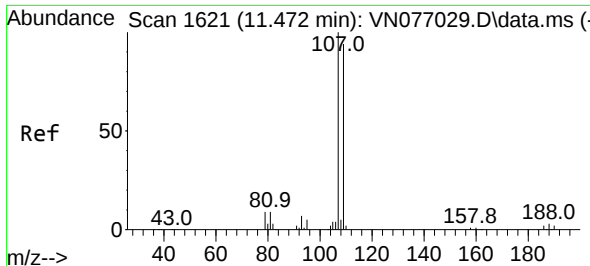
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#60
Dibromochloromethane
Concen: 52.564 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

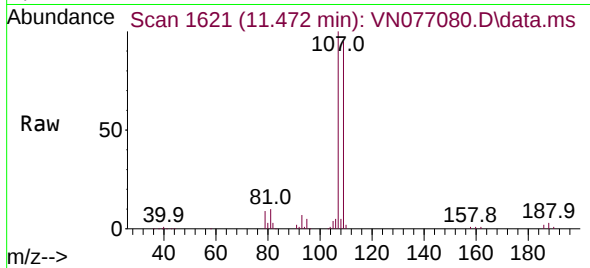
Tgt Ion:129 Resp: 278667
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.7





#61
1,2-Dibromoethane
Concen: 50.805 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

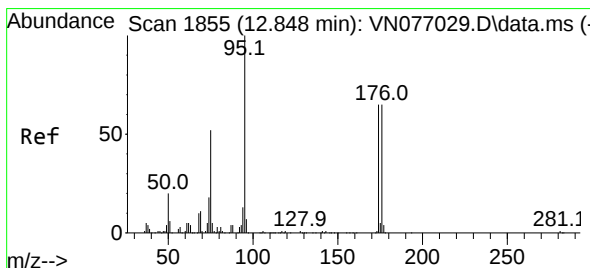
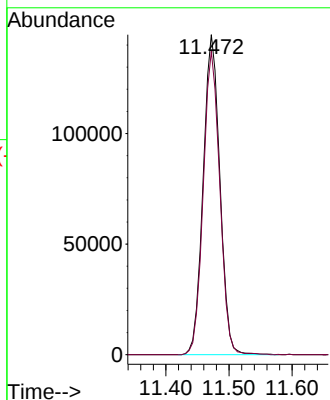
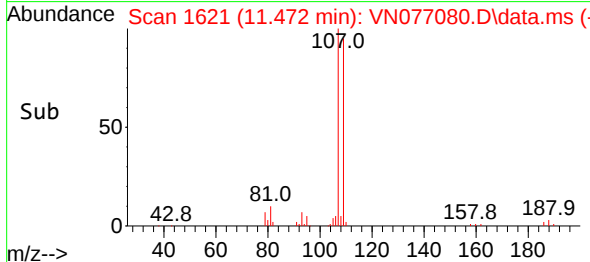
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



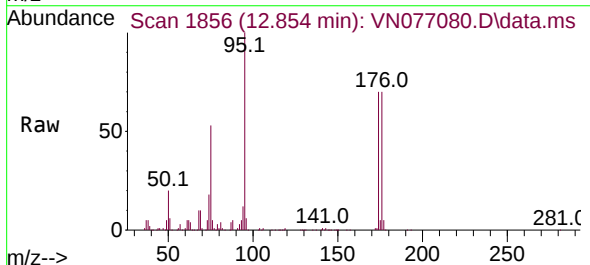
Tgt Ion:107 Resp: 265900
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4

Manual Integrations
APPROVED

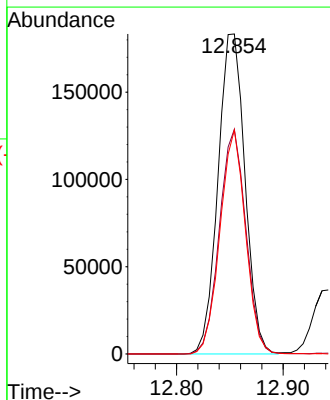
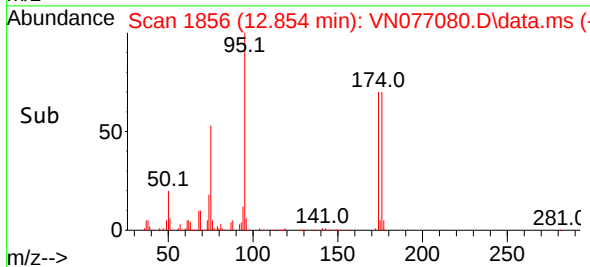
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

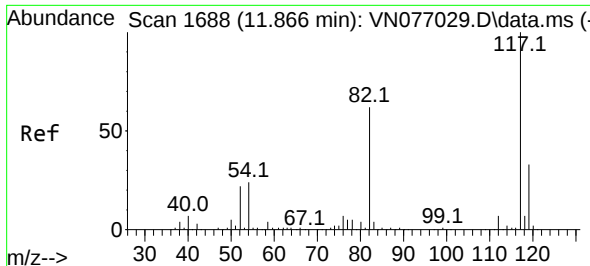


#62
4-Bromofluorobenzene
Concen: 54.032 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55



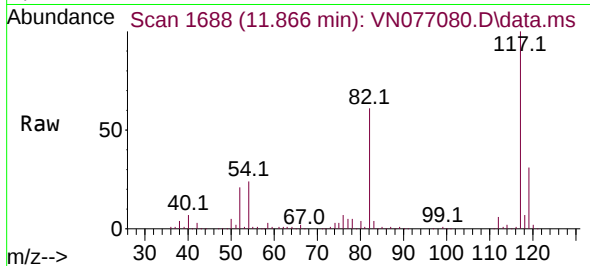
Tgt Ion: 95 Resp: 322745
Ion Ratio Lower Upper
95 100
174 68.9 0.0 136.6
176 66.0 0.0 130.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

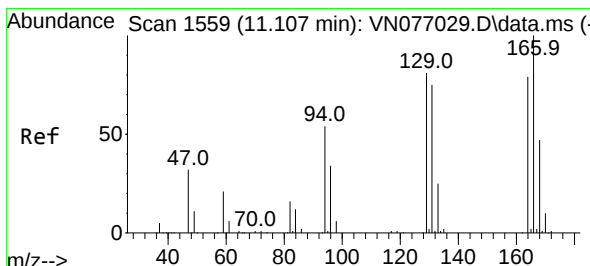
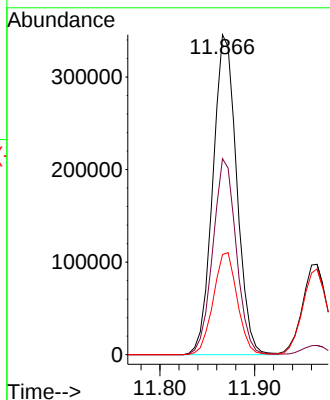
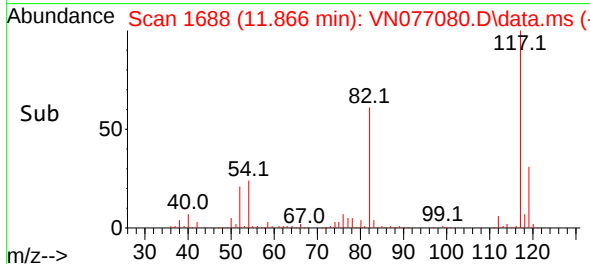
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 60544
Ion Ratio Lower Upper
117 100
82 61.2 49.4 74.0
119 31.3 26.5 39.7

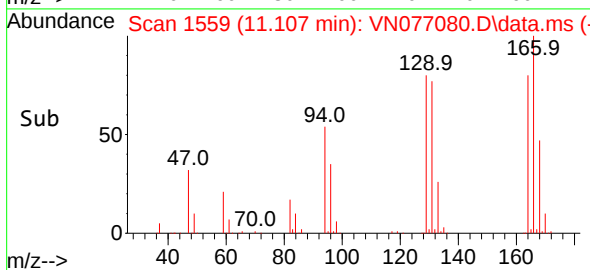
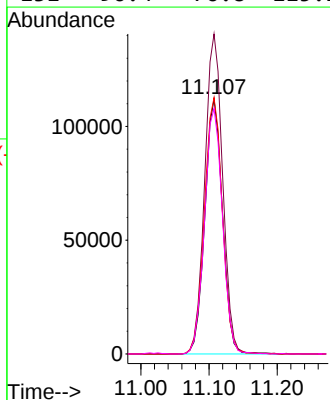
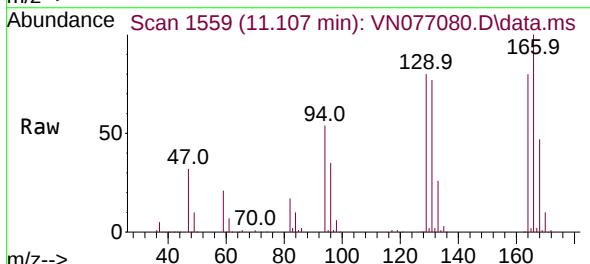
Manual Integrations
APPROVED

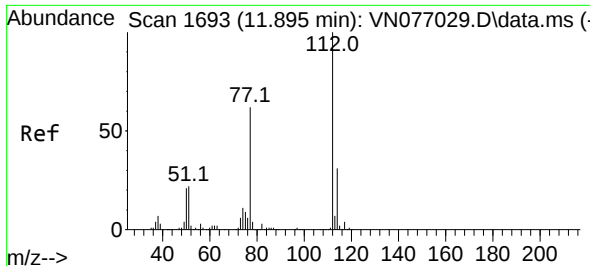
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#64
Tetrachloroethene
Concen: 49.543 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

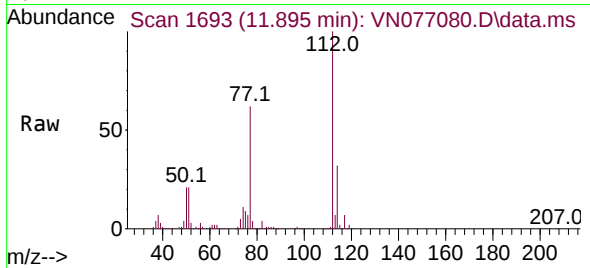
Tgt Ion:164 Resp: 201312
Ion Ratio Lower Upper
164 100
166 125.7 101.9 152.9
129 100.7 82.6 123.8
131 96.4 76.8 115.2





#65
Chlorobenzene
Concen: 49.538 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

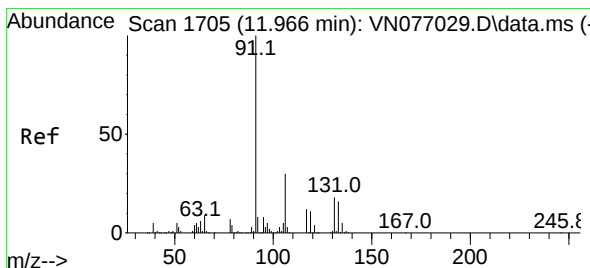
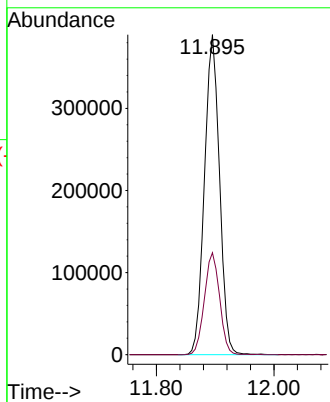
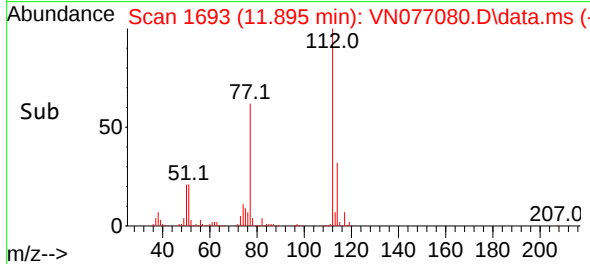
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



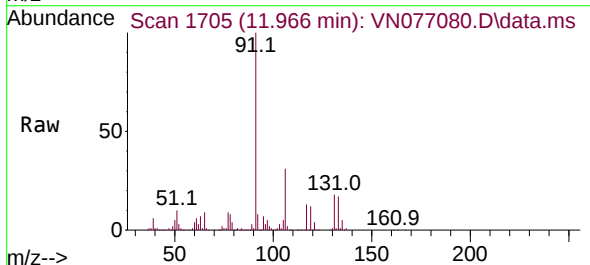
Tgt Ion:112 Resp: 69008
Ion Ratio Lower Upper
112 100
114 31.8 24.8 37.2

Manual Integrations
APPROVED

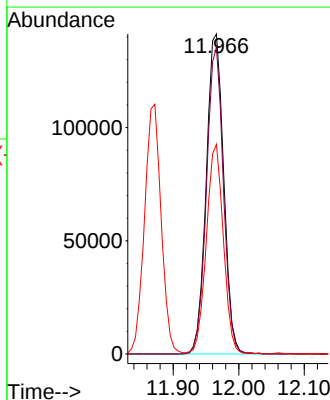
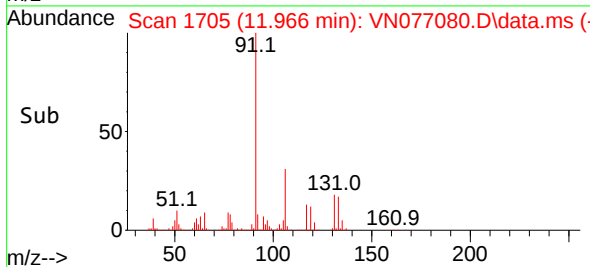
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

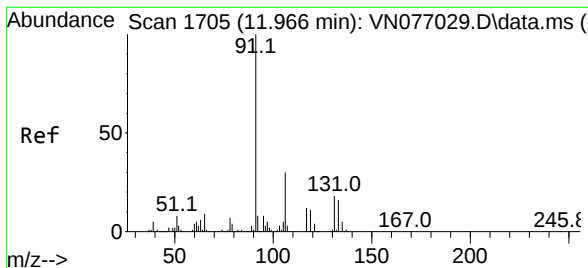


#66
1,1,1,2-Tetrachloroethane
Concen: 50.720 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55



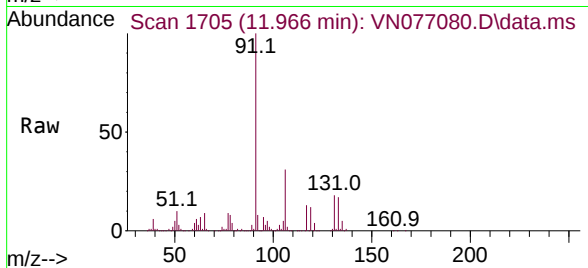
Tgt Ion:131 Resp: 261442
Ion Ratio Lower Upper
131 100
133 93.0 46.8 140.3
119 64.0 32.6 97.8





#67
Ethyl Benzene
Concen: 52.371 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

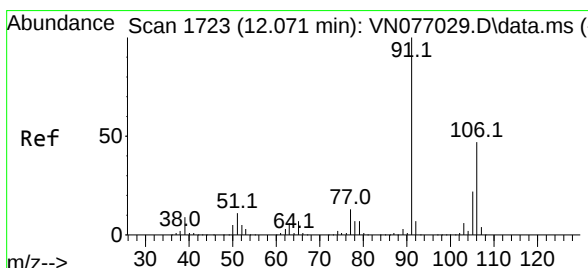
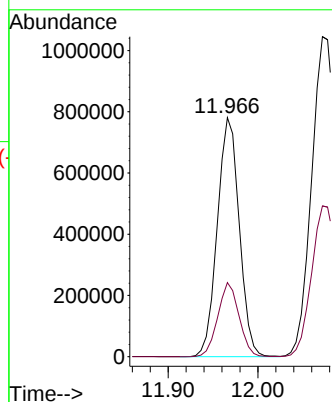
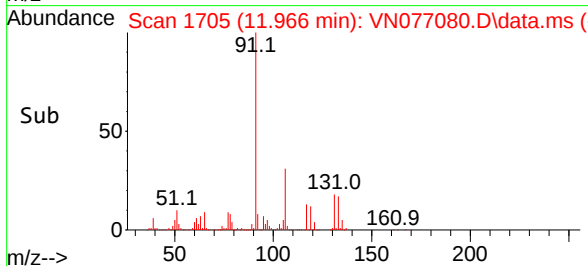
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



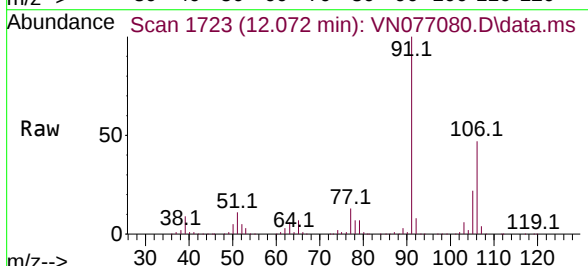
Tgt Ion: 91 Resp: 132514
Ion Ratio Lower Upper
91 100
106 31.0 24.3 36.5

Manual Integrations
APPROVED

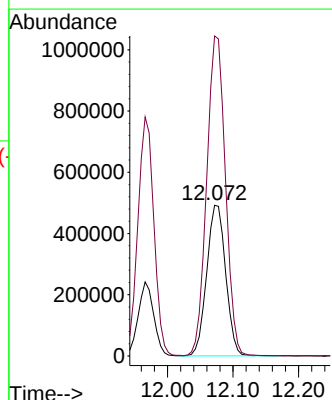
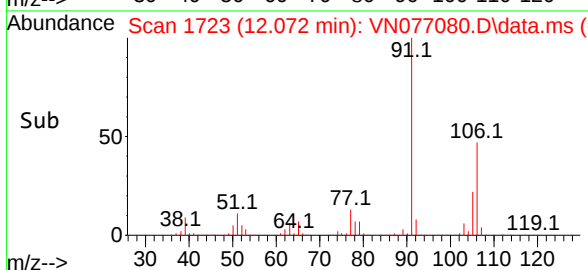
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

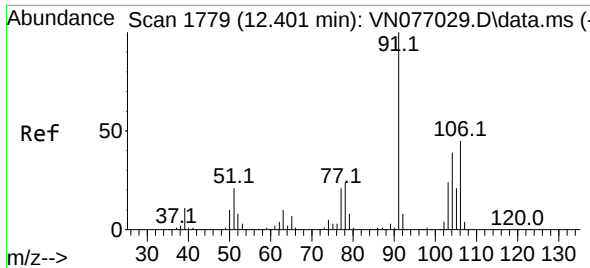


#68
m/p-Xylenes
Concen: 105.456 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55



Tgt Ion:106 Resp: 989607
Ion Ratio Lower Upper
106 100
91 210.2 168.0 252.0





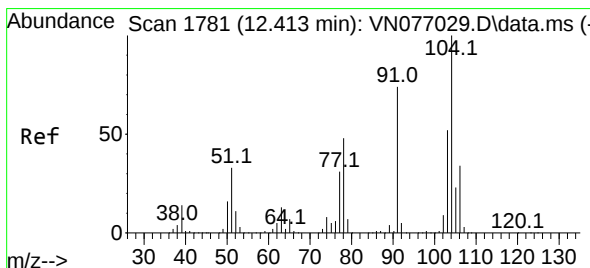
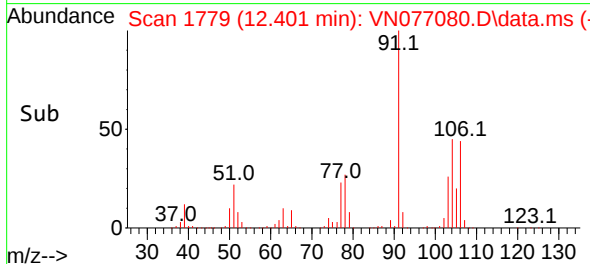
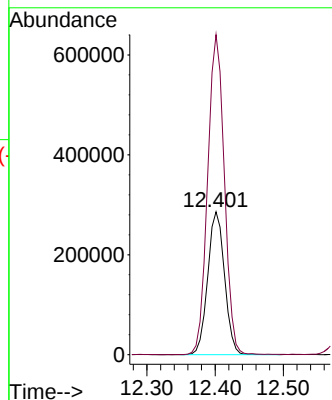
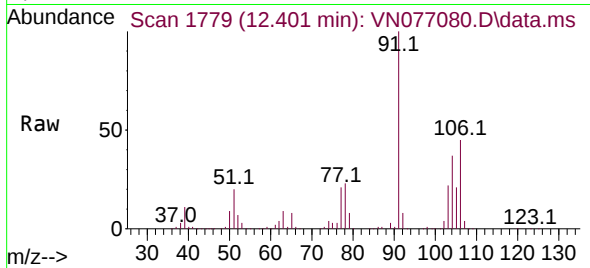
#69
o-Xylene
Concen: 52.668 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 491093
Ion Ratio Lower Upper
106 100
91 222.6 110.3 330.9

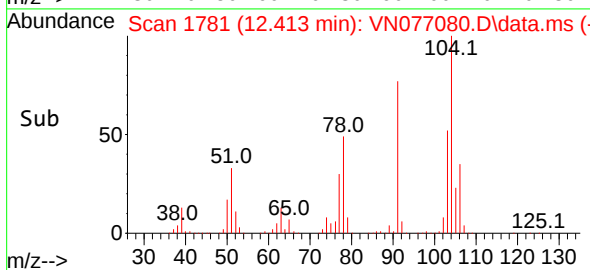
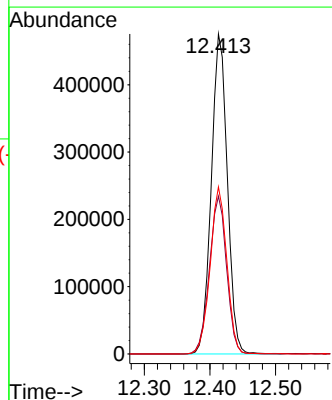
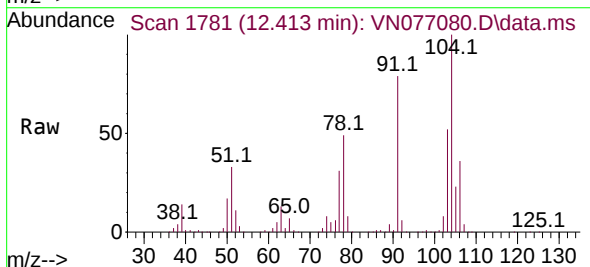
Manual Integrations
APPROVED

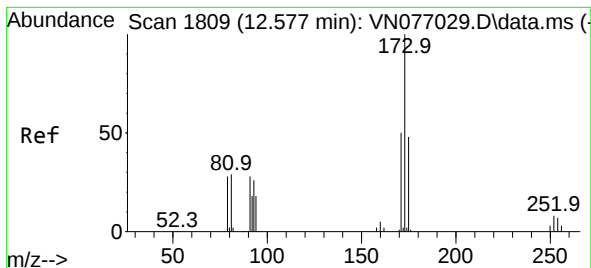
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#70
Styrene
Concen: 55.611 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Tgt Ion:104 Resp: 807295
Ion Ratio Lower Upper
104 100
78 52.9 41.8 62.8
103 54.4 43.8 65.6





#71

Bromoform

Concen: 54.452 ug/l

RT: 12.584 min Scan# 1809

Delta R.T. 0.007 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

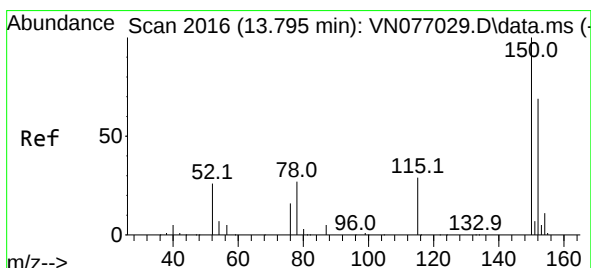
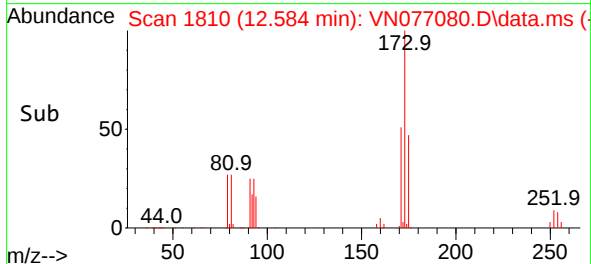
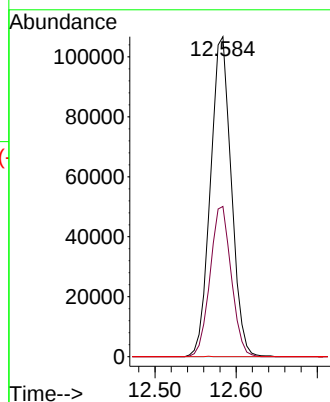
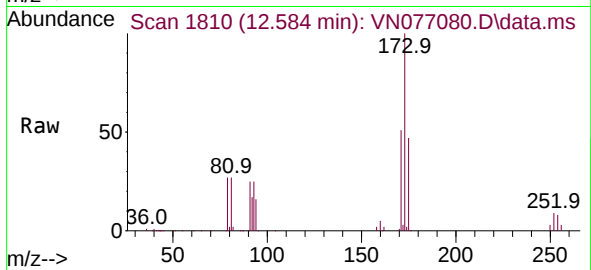
Tgt Ion:173	Resp: 19019
Ion Ratio	Lower Upper
173	100
175	47.7 24.5 73.5
254	0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

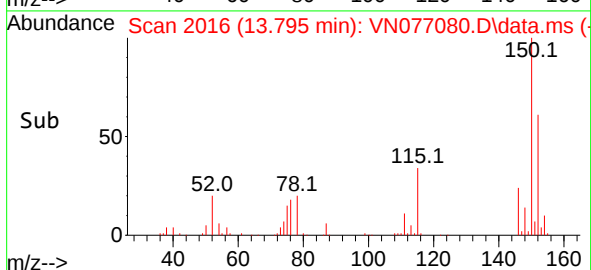
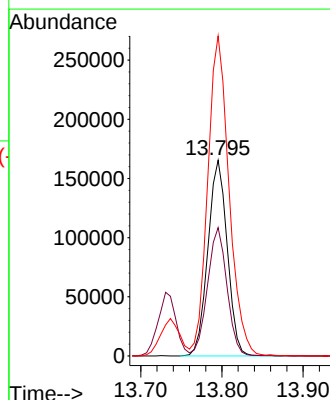
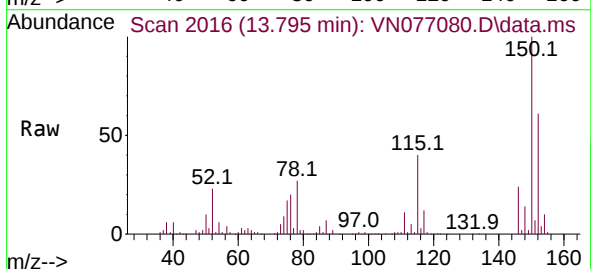
RT: 13.795 min Scan# 2016

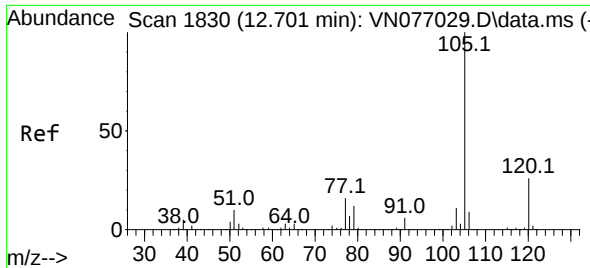
Delta R.T. 0.000 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

Tgt Ion:152	Resp: 274055
Ion Ratio	Lower Upper
152	100
115	65.9 31.9 95.7
150	180.1 0.0 348.0





#73
Isopropylbenzene
Concen: 52.329 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Instrument :

MSVOA_N

ClientSampleId :

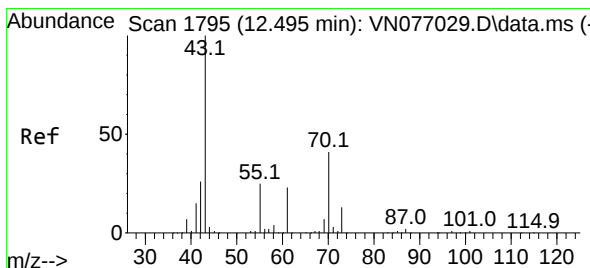
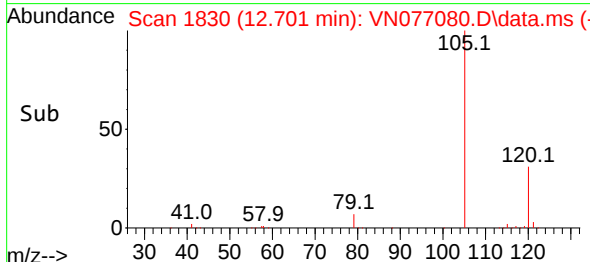
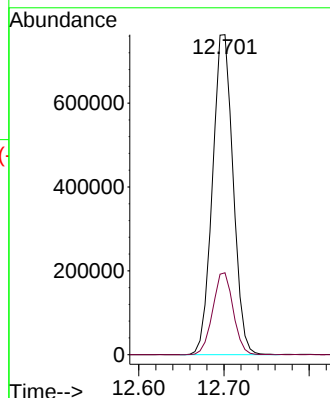
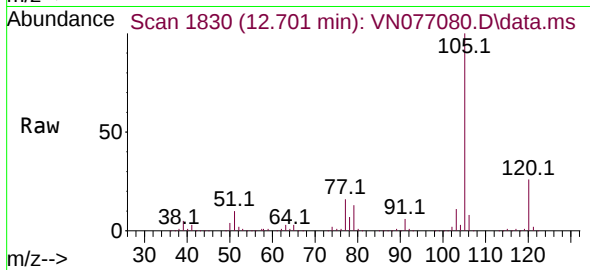
VSTDCCC050EC

Tgt Ion:105 Resp: 128519
Ion Ratio Lower Upper
105 100
120 25.4 12.8 38.4

Manual Integrations

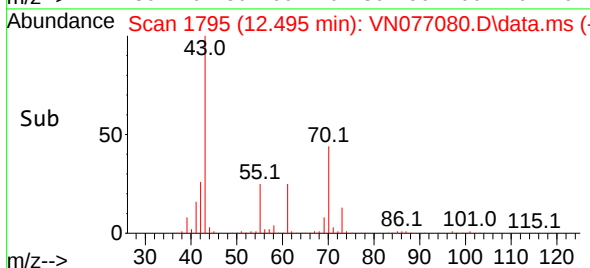
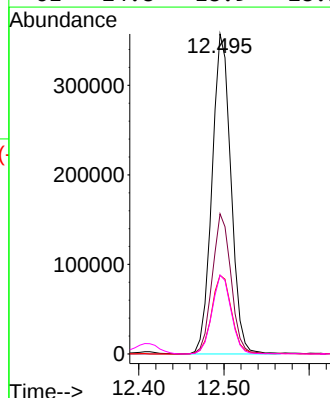
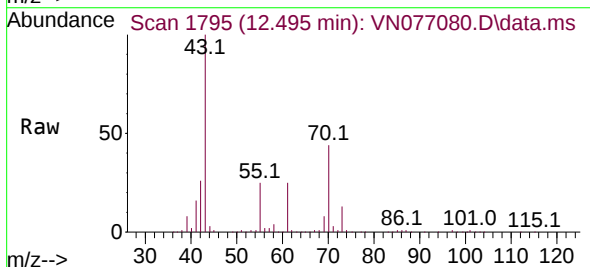
APPROVED

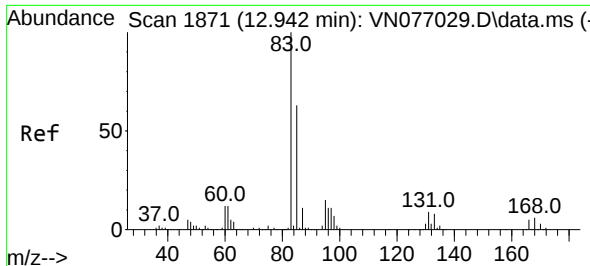
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#74
N-ethyl acetate
Concen: 51.908 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

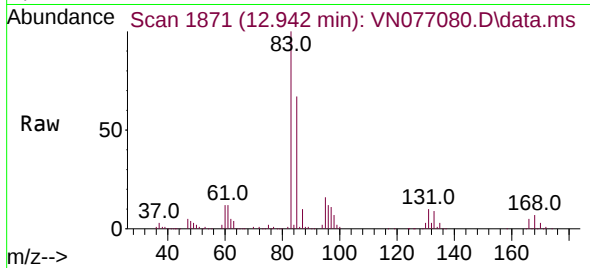
Tgt Ion: 43 Resp: 551800
Ion Ratio Lower Upper
43 100
70 43.5 33.6 50.4
55 25.8 20.3 30.5
61 24.8 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 45.943 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

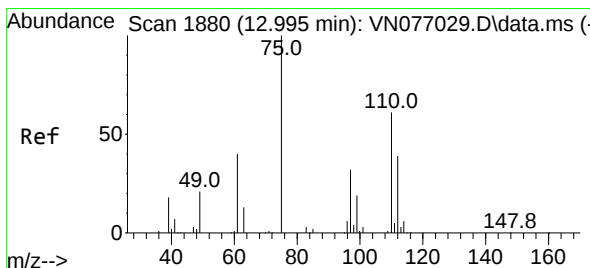
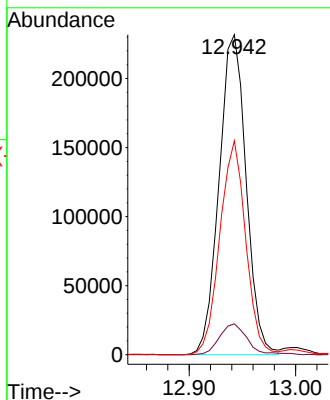
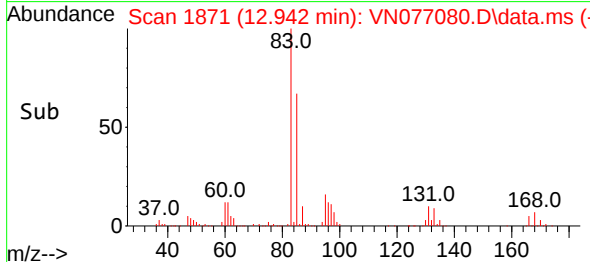
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 408795
Ion Ratio Lower Upper
83 100
131 9.9 4.5 13.7
85 63.9 31.9 95.9

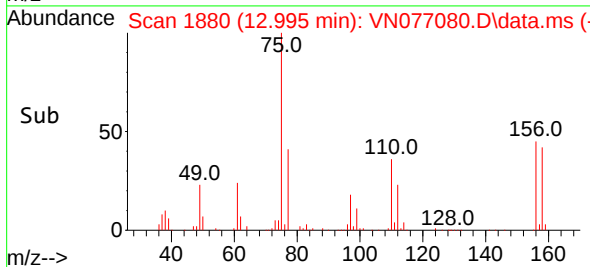
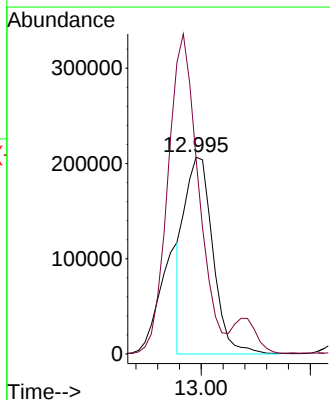
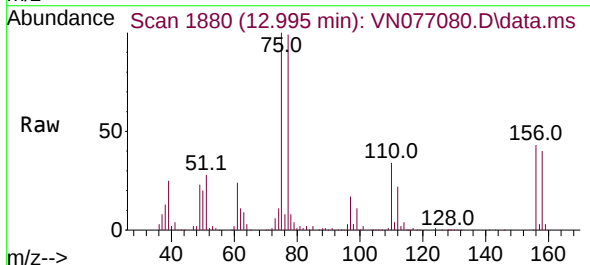
Manual Integrations
APPROVED

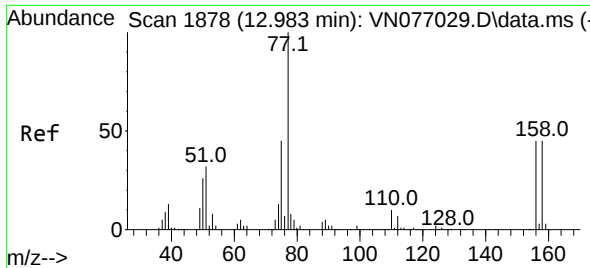
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#76
1,2,3-Trichloropropane
Concen: 52.703 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

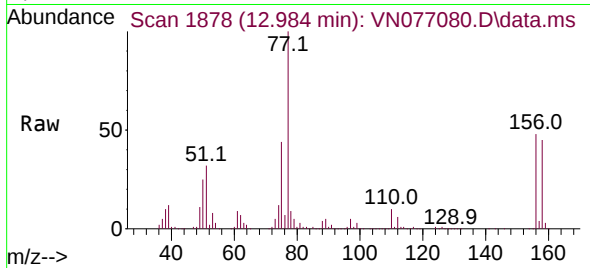
Tgt Ion: 75 Resp: 373601
Ion Ratio Lower Upper
75 100
77 176.7 107.3 322.0





#77
Bromobenzene
Concen: 50.130 ug/l
RT: 12.984 min Scan# 1878
Delta R.T. 0.001 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

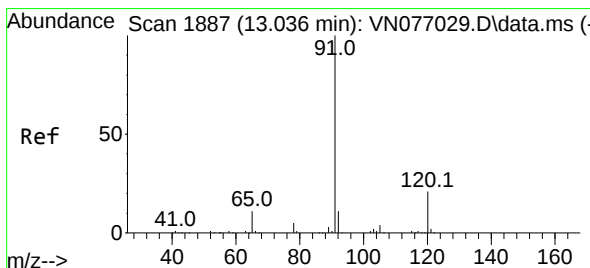
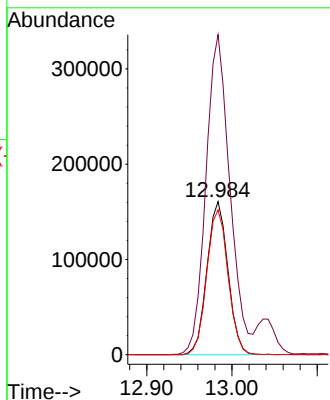
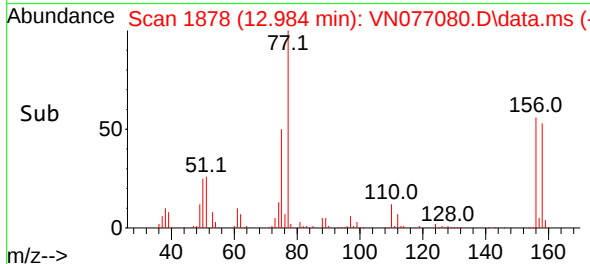
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 275802
Ion Ratio Lower Upper
156 100
77 239.3 124.8 374.3
158 96.1 48.6 145.9

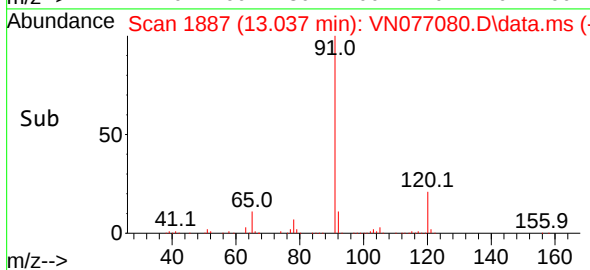
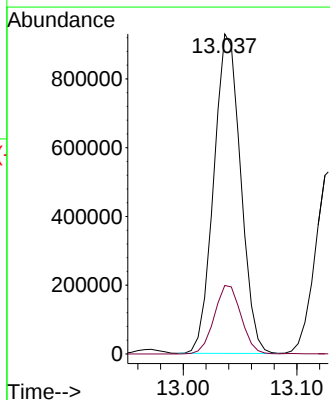
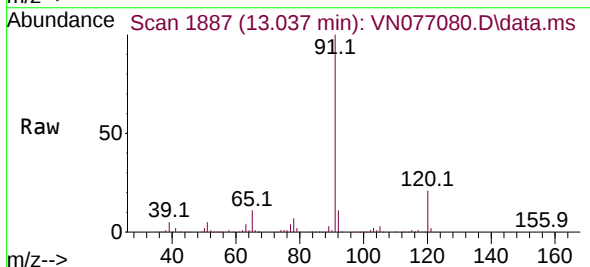
Manual Integrations
APPROVED

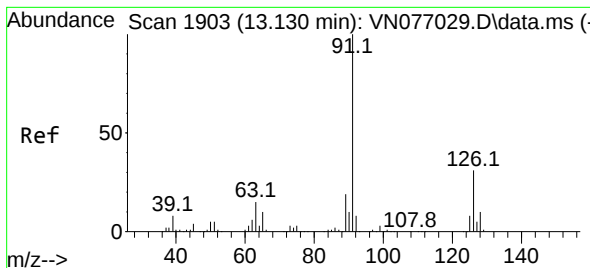
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#78
n-propylbenzene
Concen: 53.917 ug/l
RT: 13.037 min Scan# 1887
Delta R.T. 0.001 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Tgt Ion: 91 Resp: 1528635
Ion Ratio Lower Upper
91 100
120 21.4 10.8 32.3





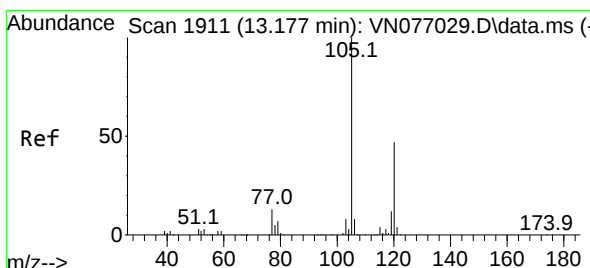
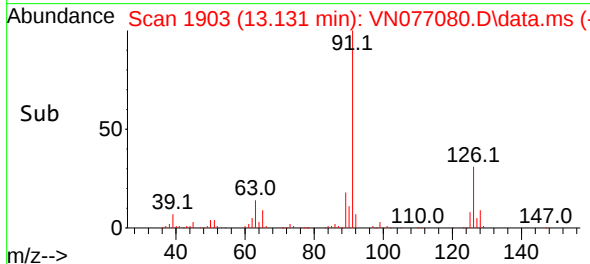
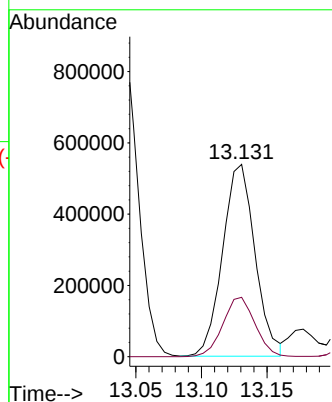
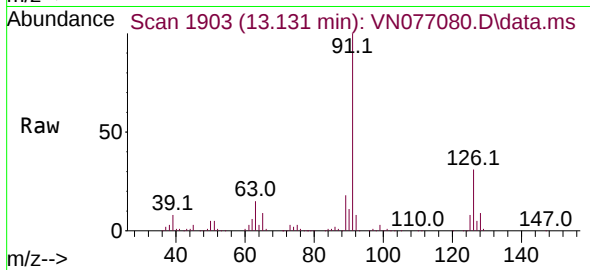
#79
2-Chlorotoluene
Concen: 51.338 ug/l
RT: 13.131 min Scan# 1903
Delta R.T. 0.001 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 927460
Ion Ratio Lower Upper
91 100
126 30.8 15.2 45.5

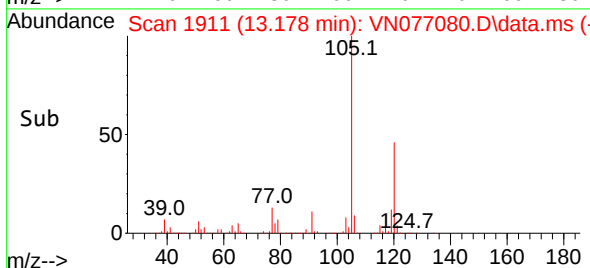
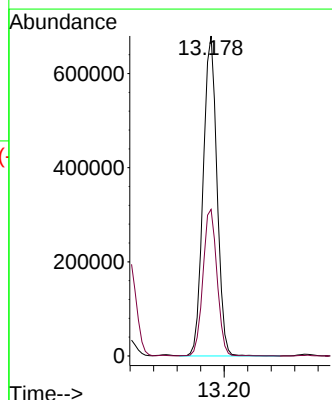
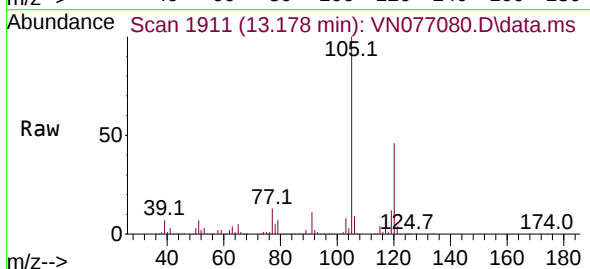
Manual Integrations
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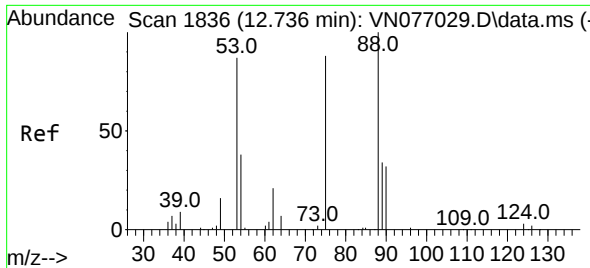
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#80
1,3,5-Trimethylbenzene
Concen: 53.954 ug/l
RT: 13.178 min Scan# 1911
Delta R.T. 0.001 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Tgt Ion:105 Resp: 1106339
Ion Ratio Lower Upper
105 100
120 46.5 23.4 70.2





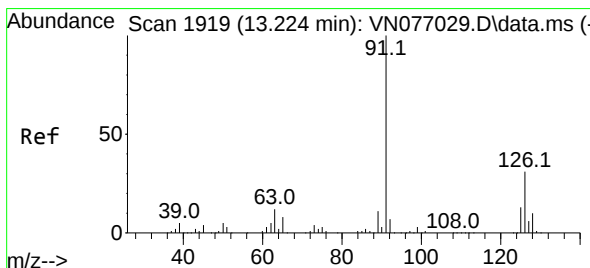
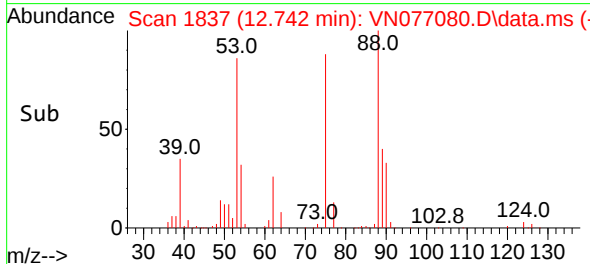
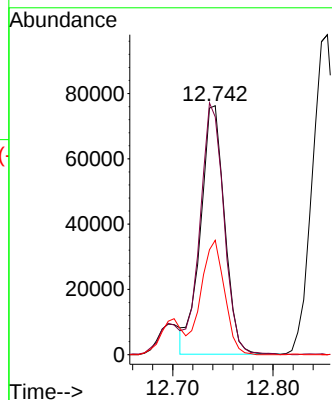
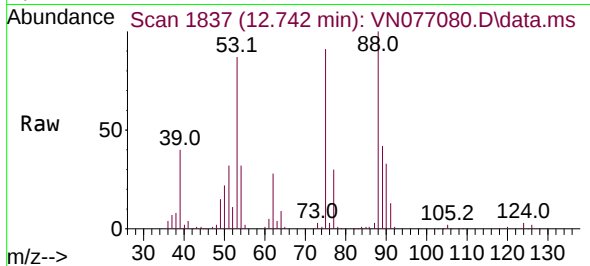
#81
trans-1,4-Dichloro-2-butene
Concen: 49.299 ug/l
RT: 12.742 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 126962
Ion Ratio Lower Upper
75 100
53 101.3 80.8 121.2
89 44.9 34.2 51.4

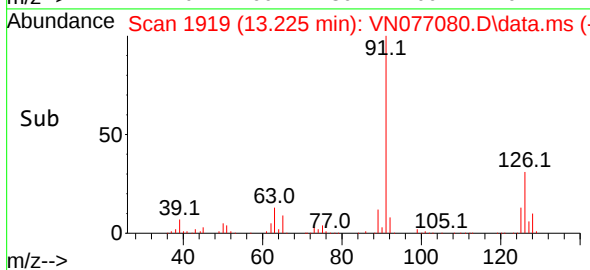
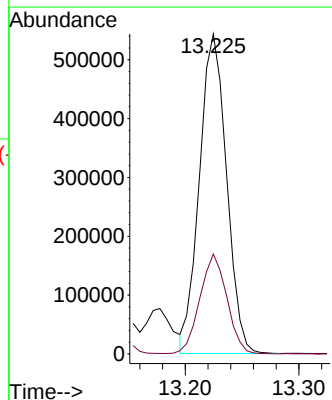
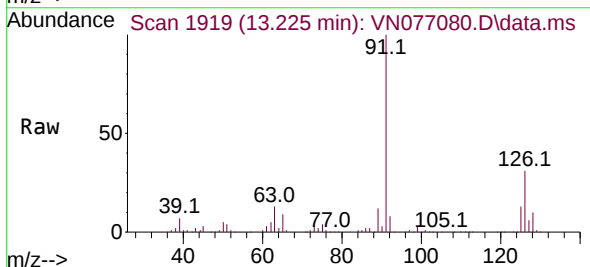
Manual Integrations
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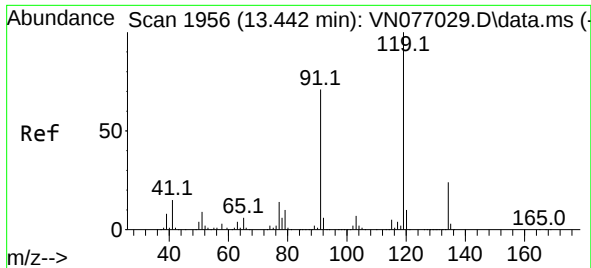
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#82
4-Chlorotoluene
Concen: 52.410 ug/l
RT: 13.225 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Tgt Ion: 91 Resp: 900354
Ion Ratio Lower Upper
91 100
126 31.1 15.5 46.5





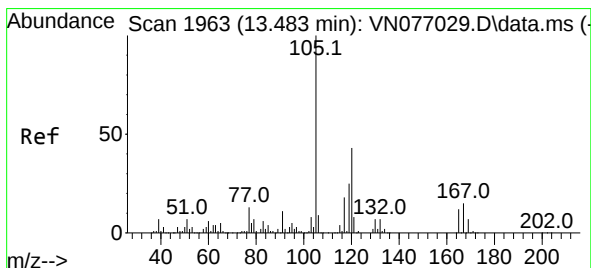
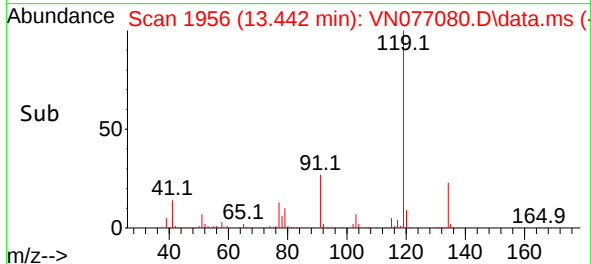
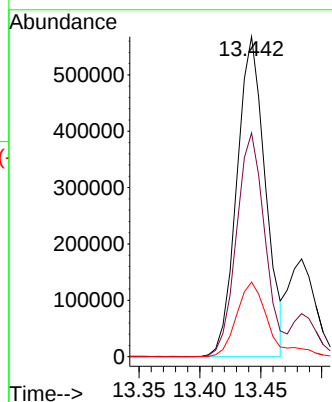
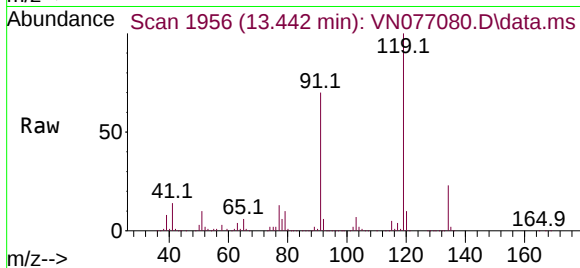
#83
 tert-Butylbenzene
 Concen: 53.837 ug/l
 RT: 13.442 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VN077080.D
 Acq: 20 Mar 2023 19:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 926875
 Ion Ratio Lower Upper
 119 100
 91 70.5 35.8 107.3
 134 26.2 13.3 39.8

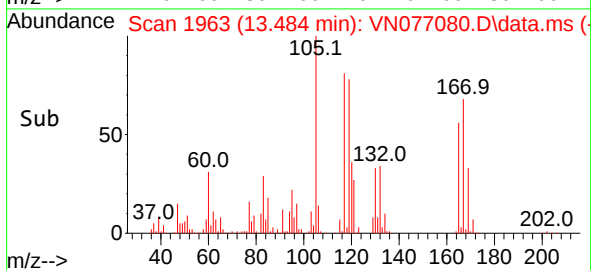
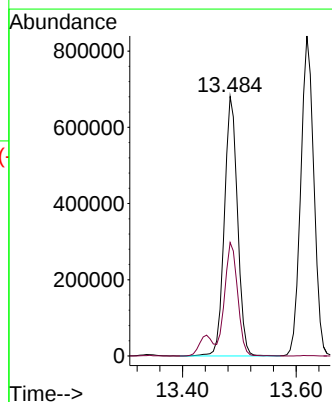
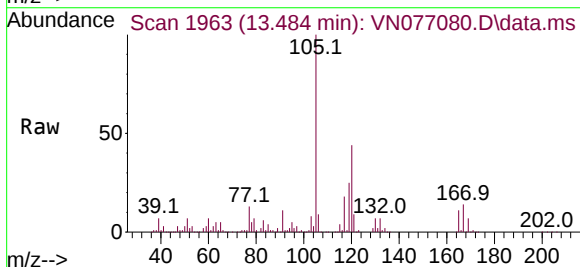
Manual Integrations
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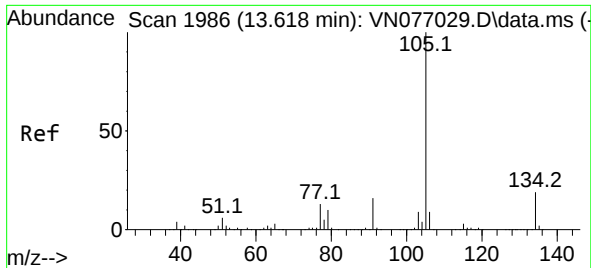
Reviewed By :John Carlone 03/21/2023
 Supervised By :Mahesh Dadoda 03/21/2023



#84
 1,2,4-Trimethylbenzene
 Concen: 53.698 ug/l
 RT: 13.484 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VN077080.D
 Acq: 20 Mar 2023 19:55

Tgt Ion:105 Resp: 1098805
 Ion Ratio Lower Upper
 105 100
 120 42.8 21.8 65.3





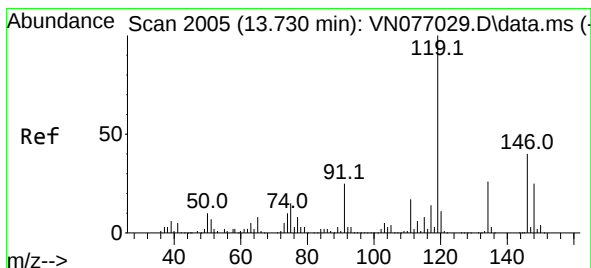
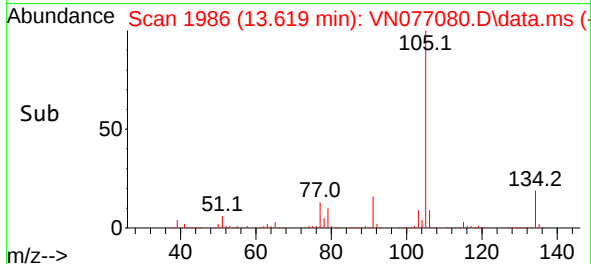
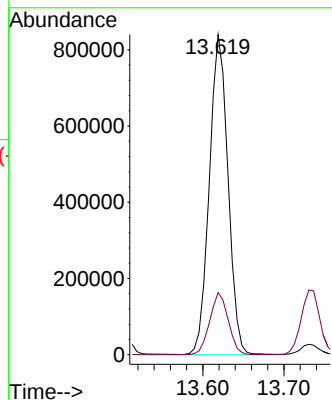
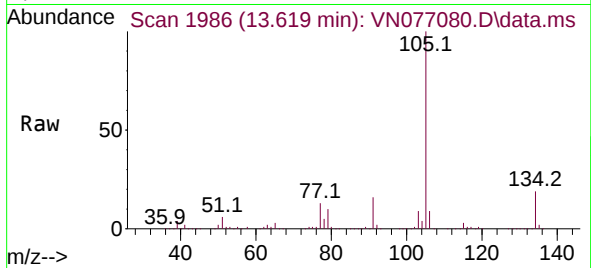
#85
 sec-Butylbenzene
 Concen: 54.636 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077080.D
 Acq: 20 Mar 2023 19:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 1338058
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.3 27.9

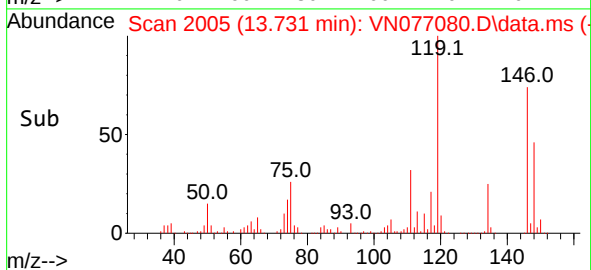
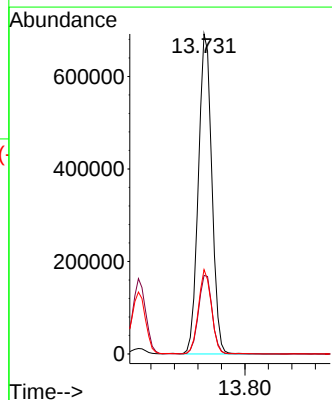
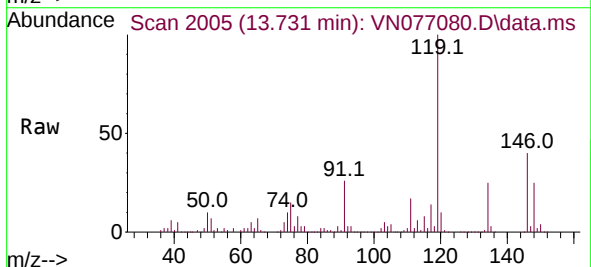
Manual Integrations
 APPROVED

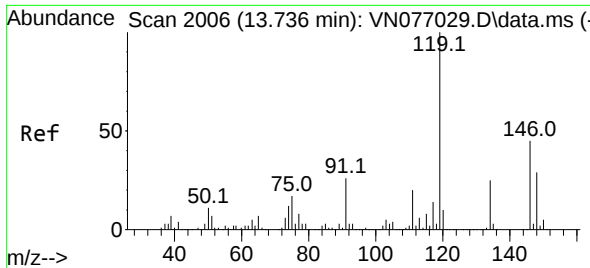
Reviewed By :John Carlone 03/21/2023
 Supervised By :Mahesh Dadoda 03/21/2023



#86
 p-Isopropyltoluene
 Concen: 55.868 ug/l
 RT: 13.731 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077080.D
 Acq: 20 Mar 2023 19:55

Tgt Ion:119 Resp: 1098756
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.8 38.4
 91 25.2 12.7 38.1





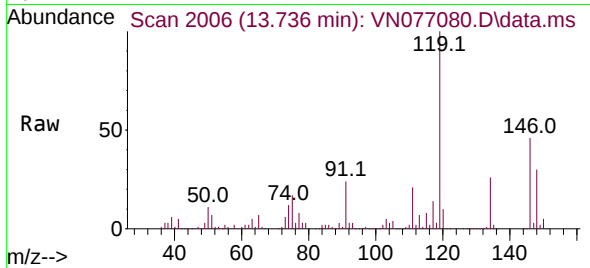
#87
 1,3-Dichlorobenzene
 Concen: 49.484 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VN077080.D
 Acq: 20 Mar 2023 19:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



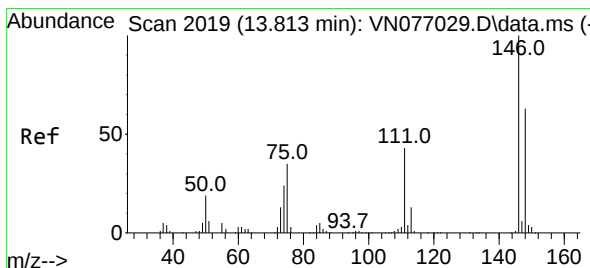
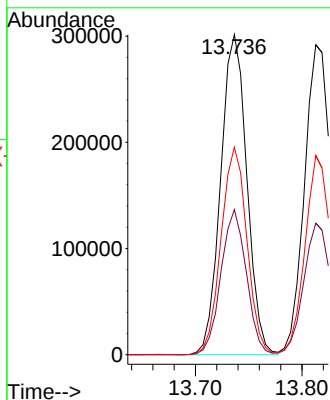
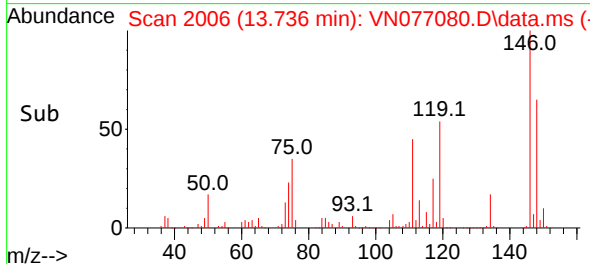
Tgt Ion:146 Resp: 514548
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.9 65.5
 148 64.0 32.1 96.5

Manual Integrations

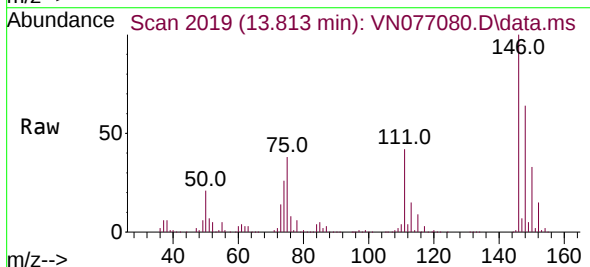
APPROVED

Reviewed By :John Carlone 03/21/2023

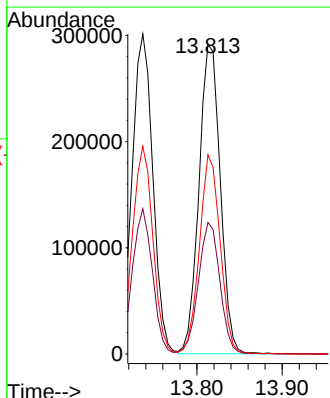
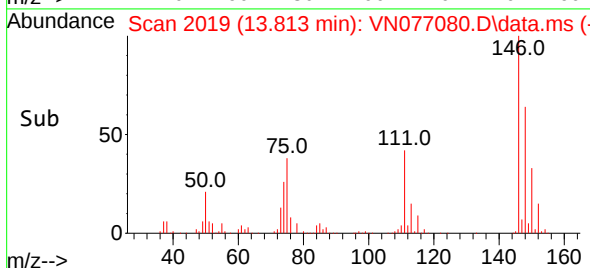
Supervised By :Mahesh Dadoda 03/21/2023

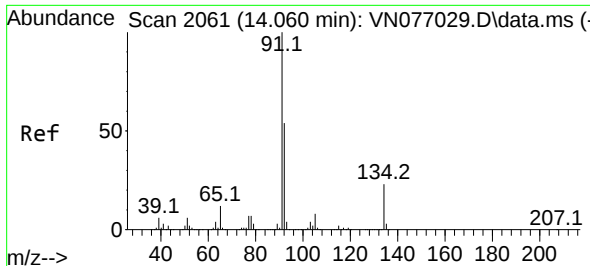


#88
 1,4-Dichlorobenzene
 Concen: 49.000 ug/l
 RT: 13.813 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VN077080.D
 Acq: 20 Mar 2023 19:55



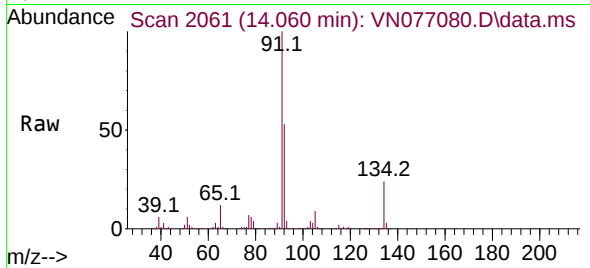
Tgt Ion:146 Resp: 506928
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.5 64.5
 148 62.3 31.9 95.9





#89
n-Butylbenzene
Concen: 55.555 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

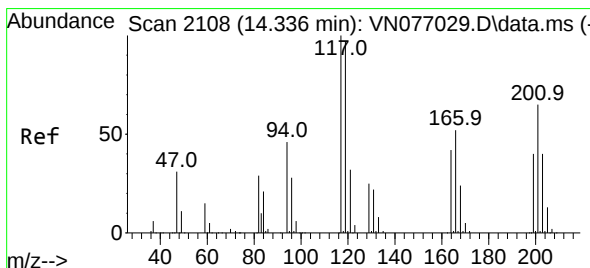
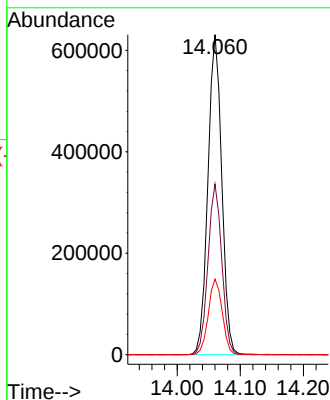
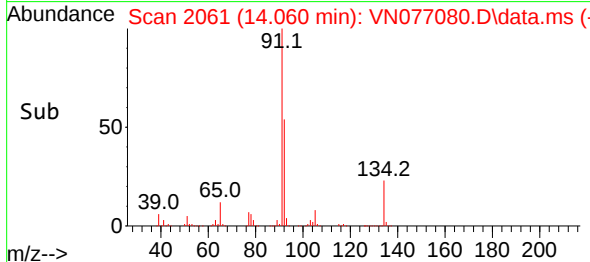
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 95852
Ion Ratio Lower Upper
91 100
92 53.2 26.5 79.5
134 23.8 11.7 35.1

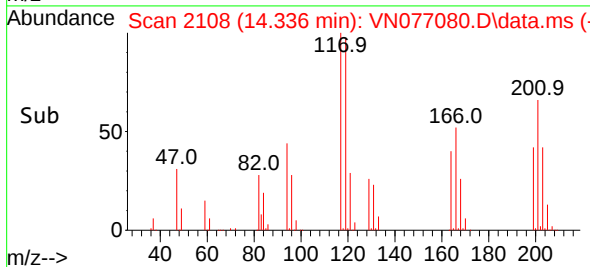
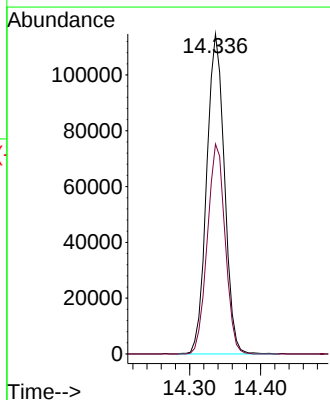
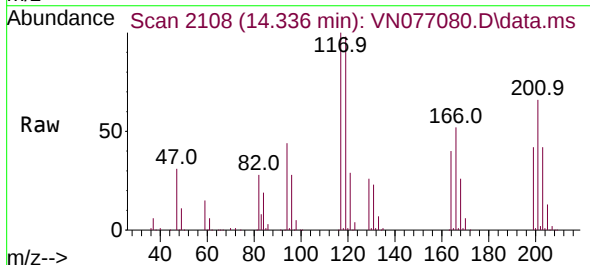
Manual Integrations
APPROVED

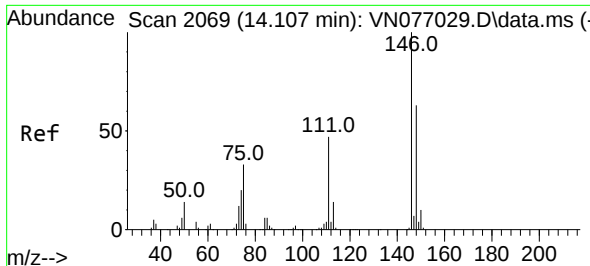
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#90
Hexachloroethane
Concen: 49.776 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

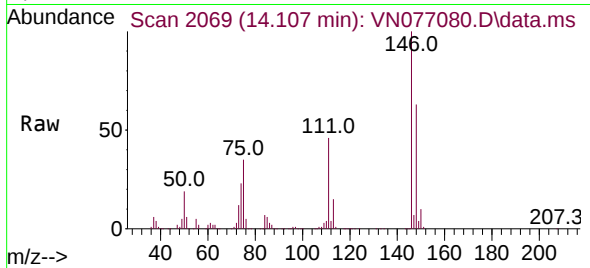
Tgt Ion:117 Resp: 199033
Ion Ratio Lower Upper
117 100
201 65.8 32.5 97.4





#91
1,2-Dichlorobenzene
Concen: 49.569 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

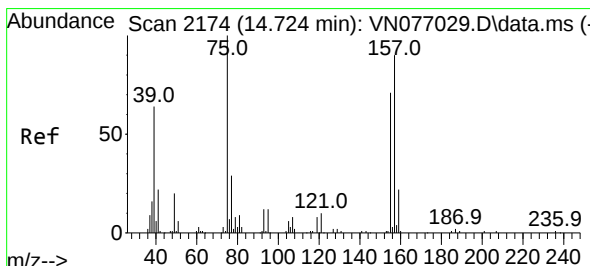
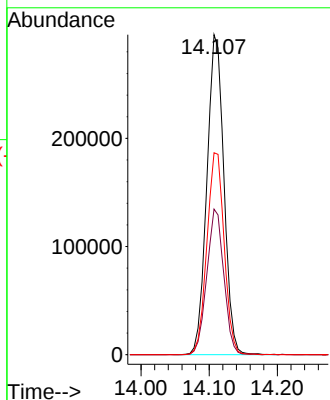
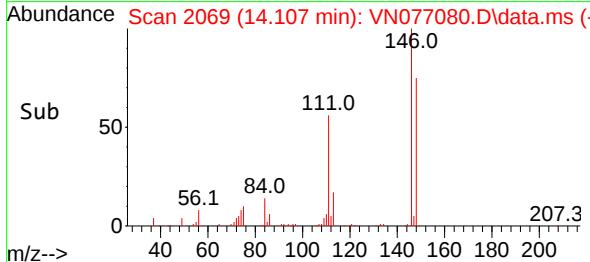
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 513774
Ion Ratio Lower Upper
146 100
111 45.5 22.6 67.7
148 64.0 31.6 95.0

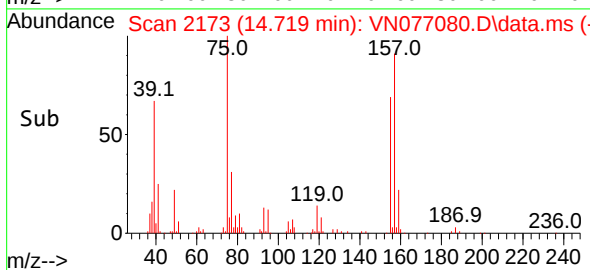
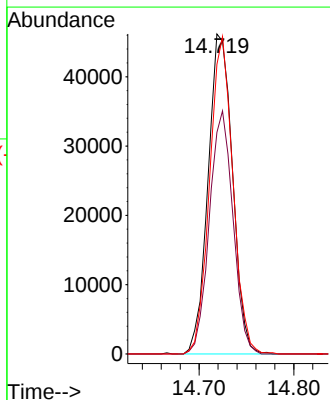
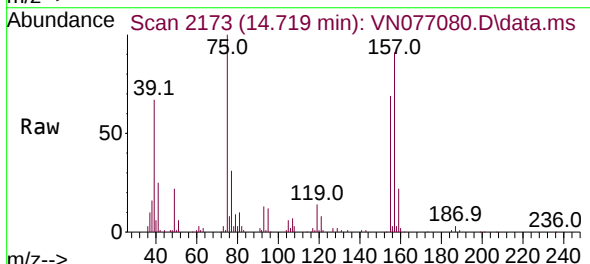
Manual Integrations
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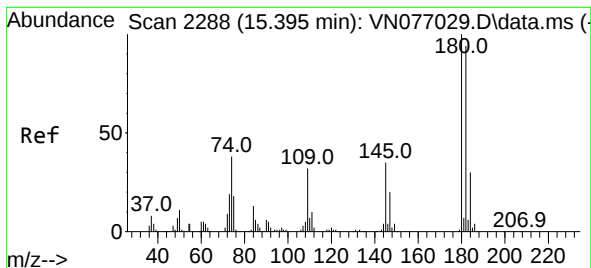
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.264 ug/l
RT: 14.719 min Scan# 2173
Delta R.T. -0.005 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Tgt Ion: 75 Resp: 82873
Ion Ratio Lower Upper
75 100
155 73.2 36.1 108.3
157 94.4 45.8 137.3





#93

1,2,4-Trichlorobenzene

Concen: 55.494 ug/l

RT: 15.395 min Scan# 2288

Delta R.T. 0.000 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

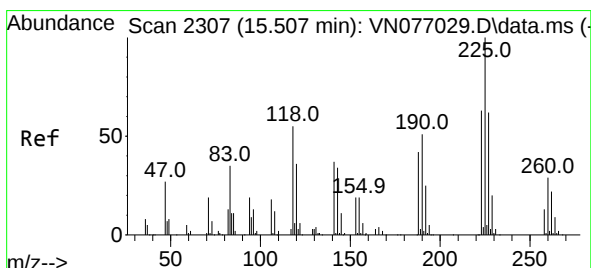
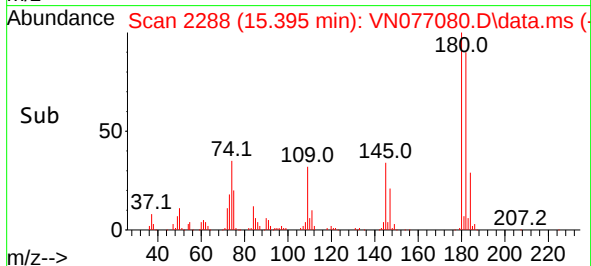
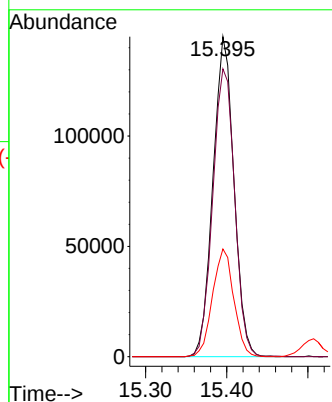
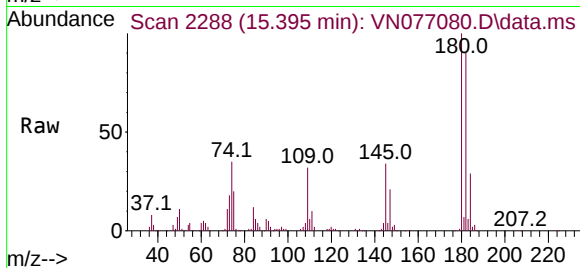
Tgt Ion:180	Resp: 260018
Ion Ratio	Lower Upper
180 100	
182 94.0	47.3 141.9
145 34.2	16.9 50.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#94

Hexachlorobutadiene

Concen: 50.848 ug/l

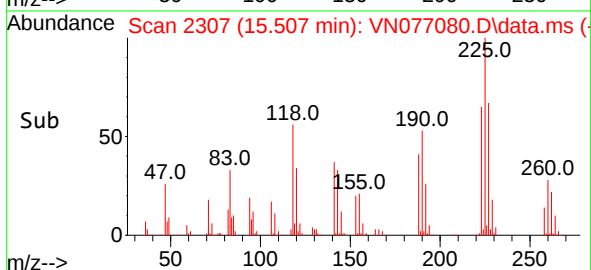
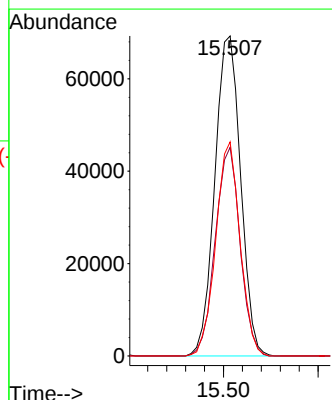
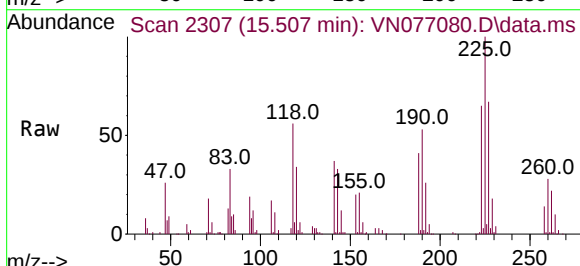
RT: 15.507 min Scan# 2307

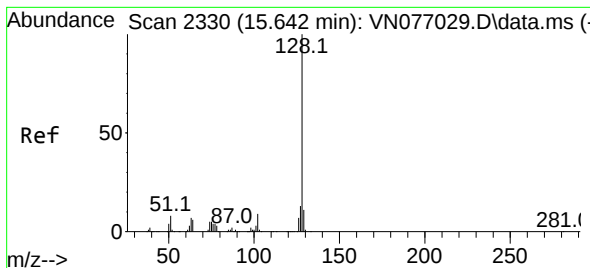
Delta R.T. -0.000 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

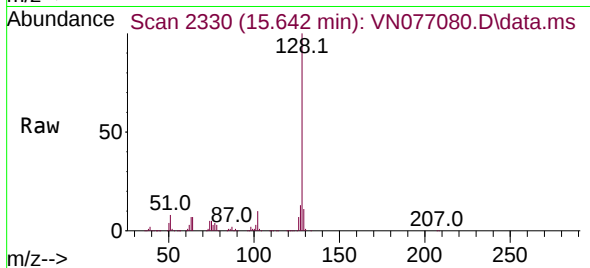
Tgt Ion:225	Resp: 131209
Ion Ratio	Lower Upper
225 100	
223 62.7	31.6 95.0
227 63.0	31.3 93.8





#95
Naphthalene
Concen: 50.341 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

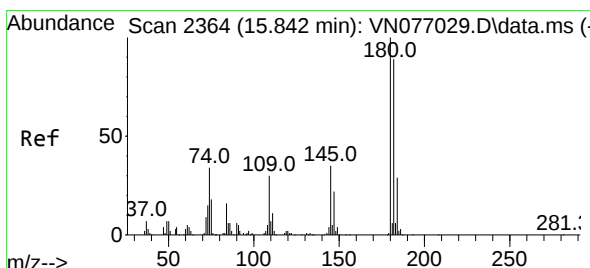
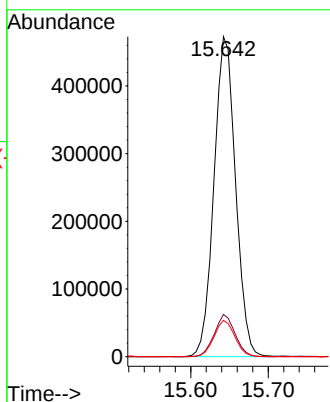
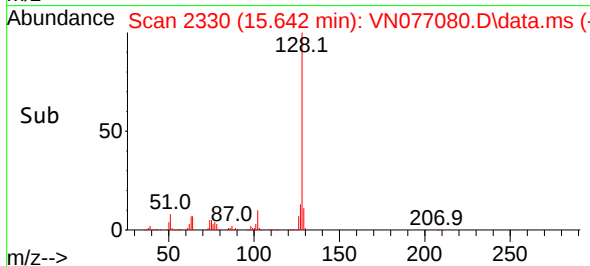
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



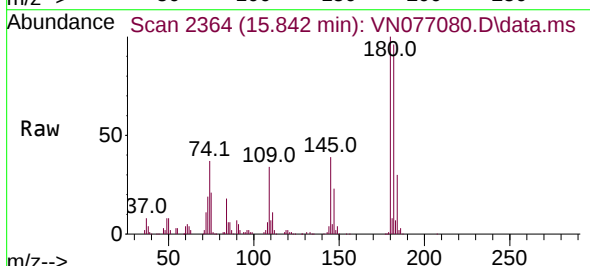
Tgt Ion:128 Resp: 916860
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#96
1,2,3-Trichlorobenzene
Concen: 54.753 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55



Tgt Ion:180 Resp: 257417
Ion Ratio Lower Upper
180 100
182 96.2 47.4 142.2
145 36.0 17.9 53.8

