

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077057.D
 Acq On : 18 Mar 2023 01:04
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/20/2023
 Supervised By : Mahesh Dadoda 03/20/2023

Quant Time: Mar 18 02:39:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 18 02:17:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	344865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	631566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	570496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	261168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	287482	52.188	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.380%			
35) Dibromofluoromethane	8.172	113	217461	49.167	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.340%			
50) Toluene-d8	10.572	98	831185	52.609	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.220%			
62) 4-Bromofluorobenzene	12.854	95	302210	54.131	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	221840	68.531	ug/l	98
3) Chloromethane	2.372	50	142986	41.151	ug/l	99
4) Vinyl Chloride	2.525	62	199467	53.183	ug/l	98
5) Bromomethane	2.949	94	140174	55.331	ug/l	94
6) Chloroethane	3.131	64	135983	57.299	ug/l	99
7) Trichlorofluoromethane	3.507	101	407235	50.472	ug/l	99
8) Diethyl Ether	3.972	74	159684	52.587	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.384	101	228134	49.845	ug/l	99
10) Methyl Iodide	4.601	142	270331	52.440	ug/l	96
11) Tert butyl alcohol	5.543	59	235891	293.872	ug/l	99
12) 1,1-Dichloroethene	4.354	96	214160	51.150	ug/l	98
13) Acrolein	4.196	56	247884	249.675	ug/l	99
14) Allyl chloride	5.037	41	428209	55.865	ug/l	93
15) Acrylonitrile	5.737	53	754263	279.510	ug/l	99
16) Acetone	4.443	43	616243	251.066	ug/l	99
17) Carbon Disulfide	4.725	76	600260	49.167	ug/l	99
18) Methyl Acetate	5.037	43	512038	55.321	ug/l	99
19) Methyl tert-butyl Ether	5.807	73	798268	53.123	ug/l	98
20) Methylene Chloride	5.290	84	268216	50.350	ug/l	99
21) trans-1,2-Dichloroethene	5.795	96	233010	51.345	ug/l	93
22) Diisopropyl ether	6.684	45	903436	53.795	ug/l	98
23) Vinyl Acetate	6.619	43	2879220	271.685	ug/l	100
24) 1,1-Dichloroethane	6.578	63	495163	51.526	ug/l	99
25) 2-Butanone	7.495	43	998589	278.112	ug/l	100
26) 2,2-Dichloropropane	7.501	77	300614	41.574	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	277761	53.441	ug/l	97
28) Bromochloromethane	7.819	49	202261	48.465	ug/l	97
29) Tetrahydrofuran	7.848	42	683452	293.739	ug/l	100
30) Chloroform	7.972	83	481149	51.585	ug/l	99
31) Cyclohexane	8.266	56	460405	51.083	ug/l	97
32) 1,1,1-Trichloroethane	8.178	97	409060	51.312	ug/l	97
36) 1,1-Dichloropropene	8.378	75	358393	51.879	ug/l	99
37) Ethyl Acetate	7.566	43	395236	53.473	ug/l	99
38) Carbon Tetrachloride	8.366	117	347478	51.640	ug/l	98
39) Methylcyclohexane	9.607	83	430247	53.209	ug/l	100
40) Benzene	8.613	78	1085699	51.821	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	208122m	53.454	ug/l	
42) 1,2-Dichloroethane	8.678	62	389321	51.424	ug/l	100
43) Isopropyl Acetate	8.695	43	632748	54.800	ug/l	100
44) Trichloroethene	9.360	130	238036	49.463	ug/l	97
45) 1,2-Dichloropropane	9.625	63	290375	52.184	ug/l	98
46) Dibromomethane	9.713	93	182802	52.090	ug/l	99
47) Bromodichloromethane	9.895	83	379124	51.509	ug/l	98
48) Methyl methacrylate	9.689	41	320172	58.002	ug/l	99
49) 1,4-Dioxane	9.701	88	110342	1170.360	ug/l	98
51) 4-Methyl-2-Pentanone	10.448	43	2067346	287.520	ug/l	100
52) Toluene	10.636	92	667802	53.384	ug/l	100
53) t-1,3-Dichloropropene	10.842	75	381970	52.950	ug/l	100
54) cis-1,3-Dichloropropene	10.319	75	422864	51.953	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	261415	52.995	ug/l	97
56) Ethyl methacrylate	10.877	69	424237	57.193	ug/l	99
57) 1,3-Dichloropropane	11.166	76	471072	52.160	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	801631	253.494	ug/l	100
59) 2-Hexanone	11.201	43	1524150	292.252	ug/l	99
60) Dibromochloromethane	11.360	129	266697	53.823	ug/l	99
61) 1,2-Dibromoethane	11.472	107	256705	52.478	ug/l	99
64) Tetrachloroethene	11.107	164	194208	50.723	ug/l	97
65) Chlorobenzene	11.895	112	665849	50.726	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.966	131	244521	50.343	ug/l	100
67) Ethyl Benzene	11.966	91	1277071	53.562	ug/l	99
68) m/p-Xylenes	12.071	106	954201	107.912	ug/l	99
69) o-Xylene	12.401	106	472807	53.813	ug/l	100
70) Styrene	12.413	104	780409	57.052	ug/l	99
71) Bromoform	12.583	173	180573	54.865	ug/l #	98
73) Isopropylbenzene	12.701	105	1225106	52.344	ug/l	100
74) N-amyl acetate	12.495	43	550521	54.343	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	404172	47.665	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	376067m	55.669	ug/l	
77) Bromobenzene	12.983	156	261062	49.792	ug/l	98
78) n-propylbenzene	13.042	91	1455472	53.869	ug/l	100
79) 2-Chlorotoluene	13.130	91	881903	51.225	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	1045090	53.482	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.742	75	115903	47.225	ug/l	98
82) 4-Chlorotoluene	13.224	91	851442	52.008	ug/l	99
83) tert-Butylbenzene	13.442	119	871198	53.100	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	1045440	53.611	ug/l	99
85) sec-Butylbenzene	13.618	105	1270668	54.445	ug/l	100
86) p-Isopropyltoluene	13.736	119	1022297	54.545	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	486047	49.050	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	477890	48.472	ug/l	99
89) n-Butylbenzene	14.060	91	888521	54.039	ug/l	100
90) Hexachloroethane	14.336	117	189898	49.835	ug/l	99
91) 1,2-Dichlorobenzene	14.107	146	479226	48.518	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	80014	50.925	ug/l	99
93) 1,2,4-Trichlorobenzene	15.401	180	239674	53.676	ug/l	99
94) Hexachlorobutadiene	15.507	225	115582	47.002	ug/l	100
95) Naphthalene	15.648	128	853823	49.236	ug/l	100
96) 1,2,3-Trichlorobenzene	15.848	180	240866	53.760	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

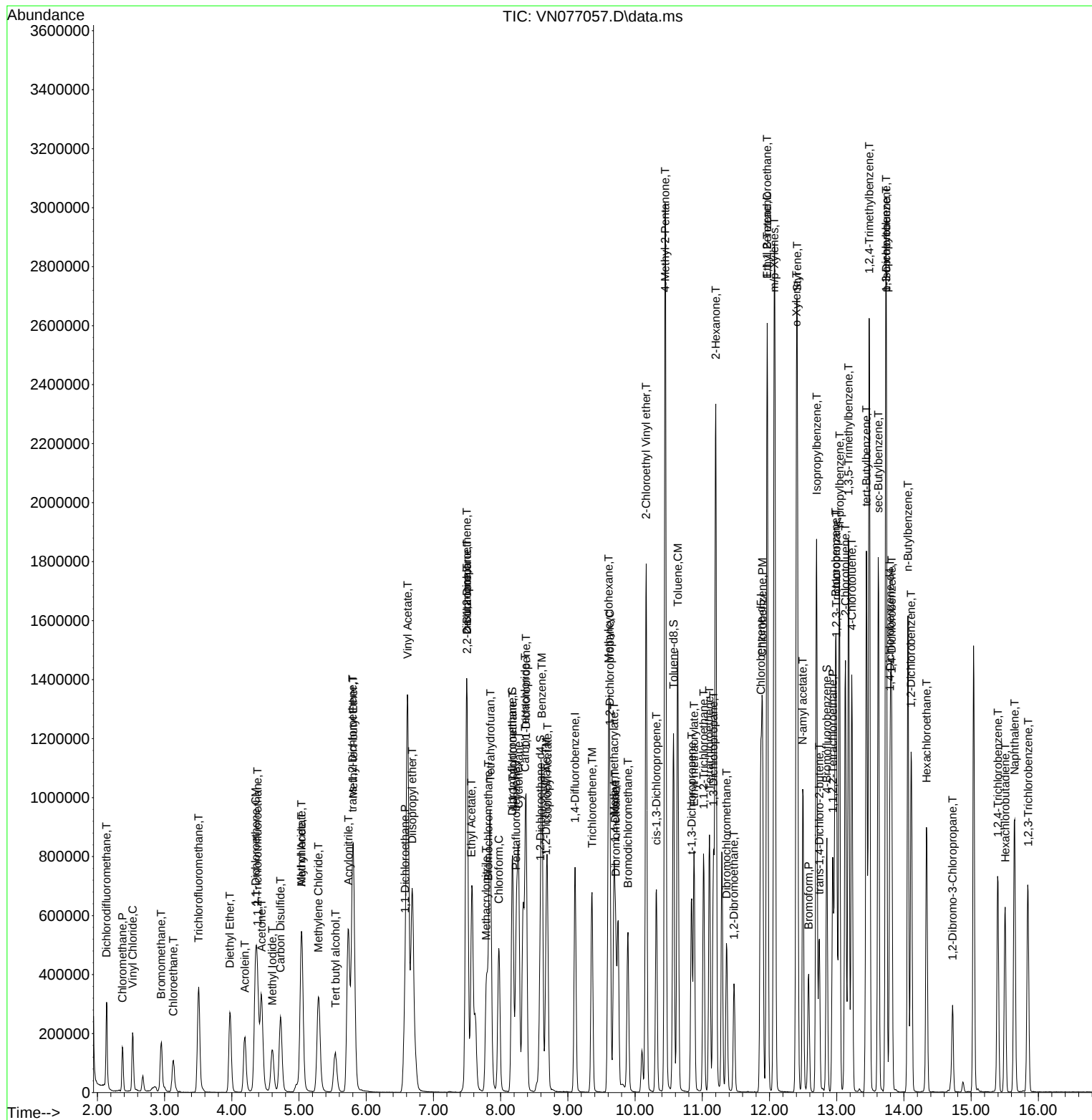
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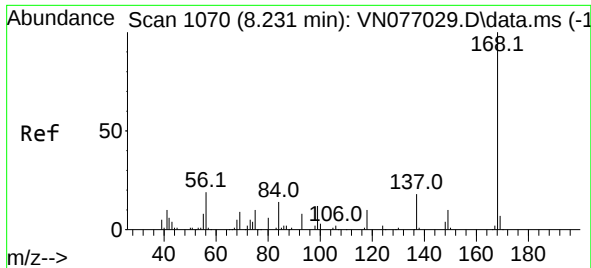
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

Instrument :

MSVOA_N

ClientSampleId :

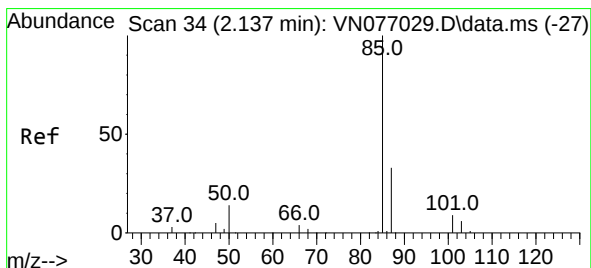
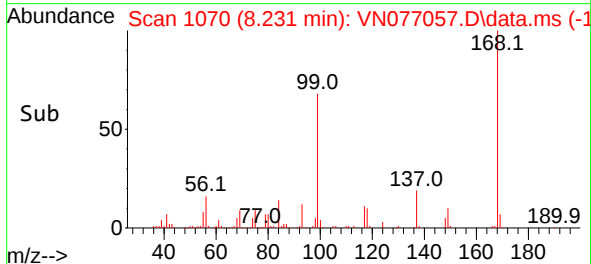
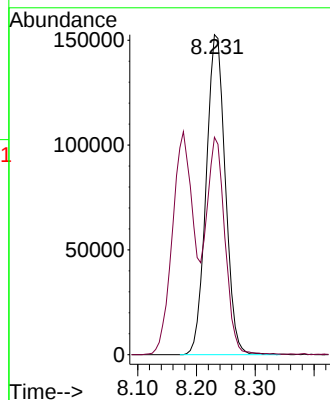
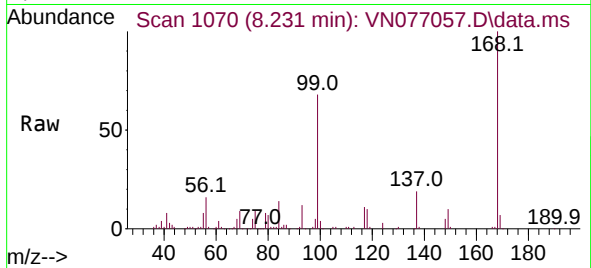
VSTDCCC050EC

Tgt Ion:168 Resp: 34486
Ion Ratio Lower Upper
168 100
99 67.8 53.9 80.9

Manual Integrations

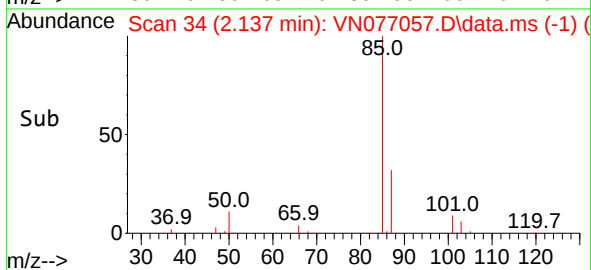
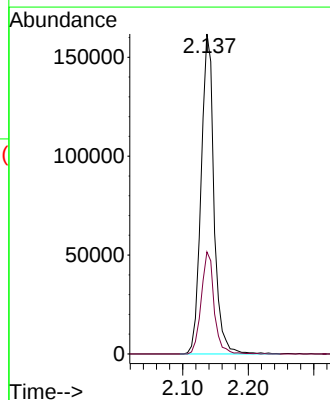
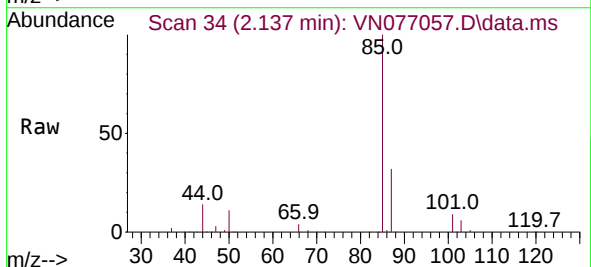
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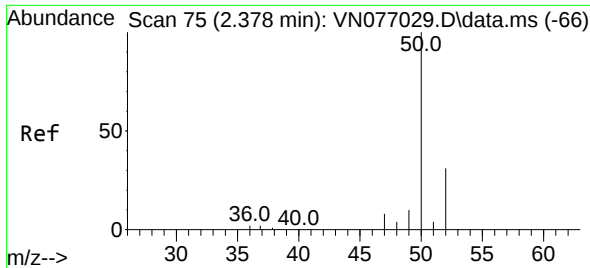
Reviewed By :John Carlone 03/20/2023
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#2
Dichlorodifluoromethane
Concen: 68.531 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

Tgt Ion: 85 Resp: 221840
Ion Ratio Lower Upper
85 100
87 31.9 16.4 49.2





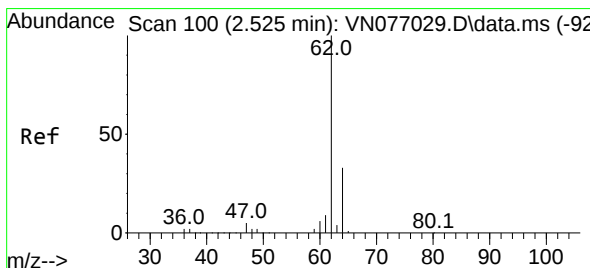
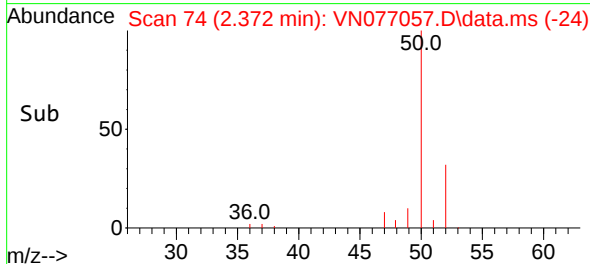
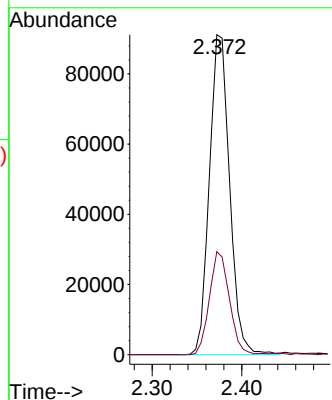
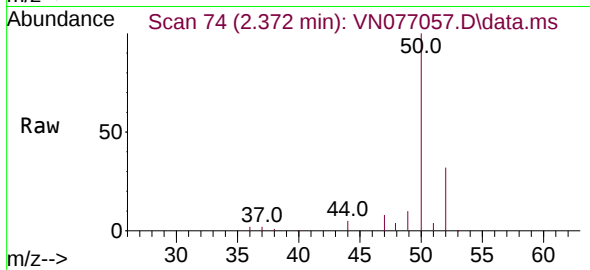
#3
Chloromethane
Concen: 41.151 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN077057.D
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Tgt Ion: 50 Resp: 142980
Ion Ratio Lower Upper
50 100
52 32.2 25.1 37.7

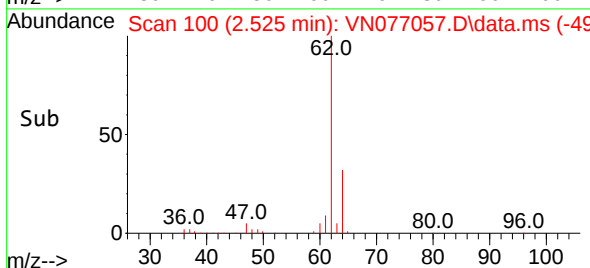
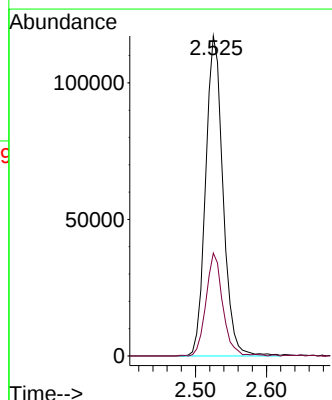
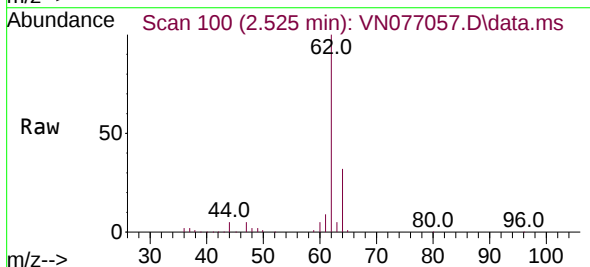
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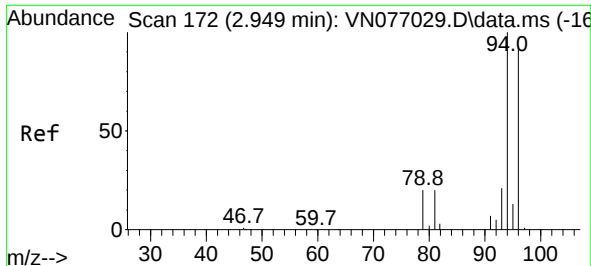
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#4
Vinyl Chloride
Concen: 53.183 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

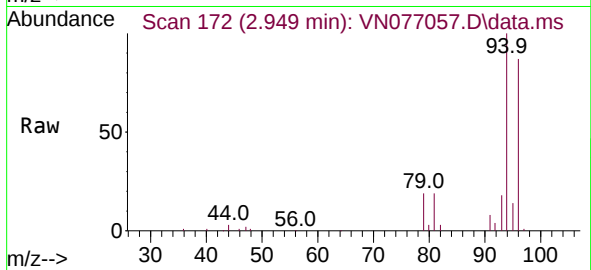
Tgt Ion: 62 Resp: 199467
Ion Ratio Lower Upper
62 100
64 32.2 26.6 40.0





#5
Bromomethane
Concen: 55.331 ug/l
RT: 2.949 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077057.D
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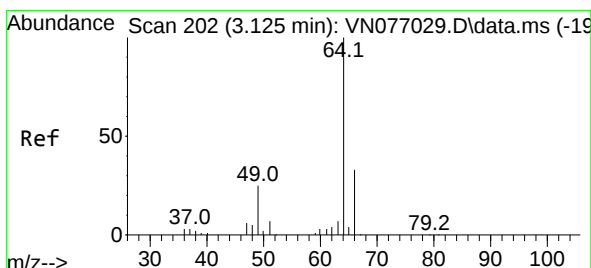
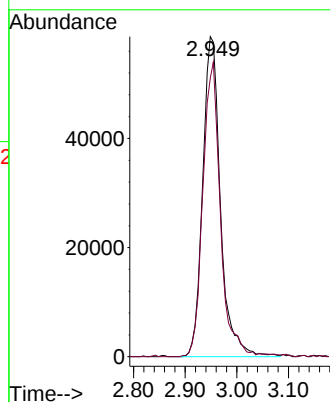
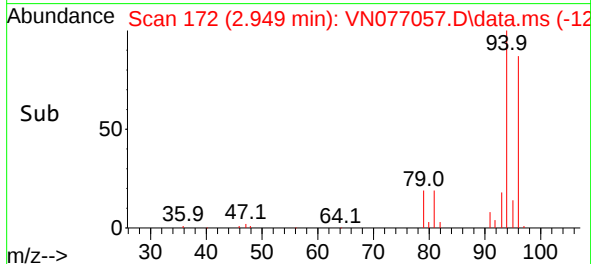
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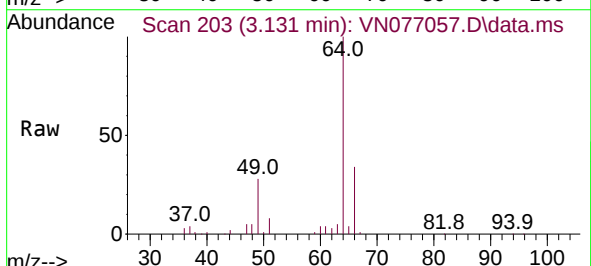
Tgt Ion: 94 Resp: 140174
Ion Ratio Lower Upper
94 100
96 87.0 74.1 111.1

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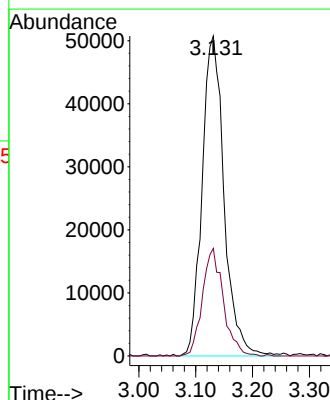
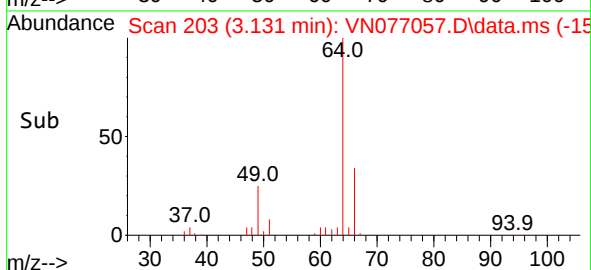
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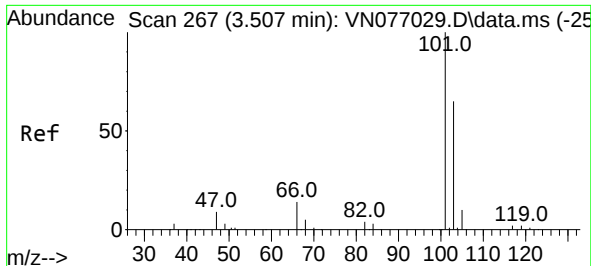


#6
Chloroethane
Concen: 57.299 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04



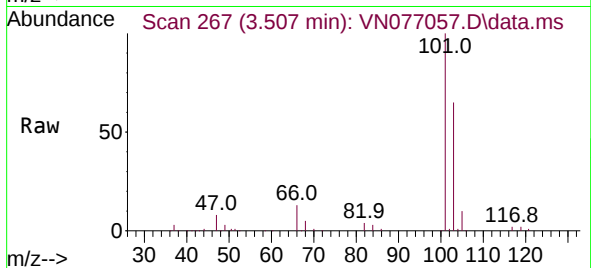
Tgt Ion: 64 Resp: 135983
Ion Ratio Lower Upper
64 100
66 33.6 26.3 39.5





#7
Trichlorofluoromethane
Concen: 50.472 ug/l
RT: 3.507 min Scan# 267
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

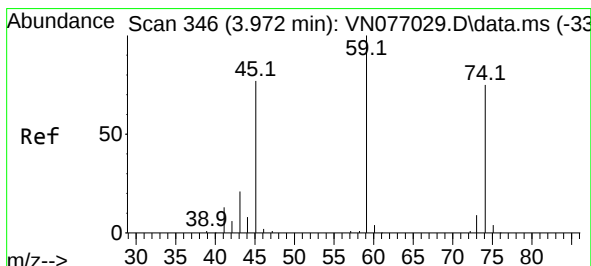
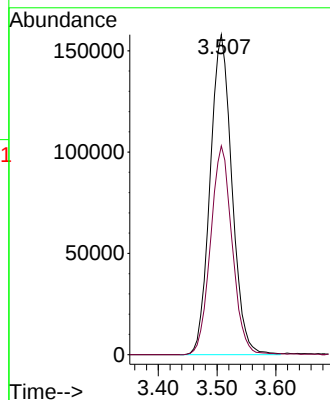
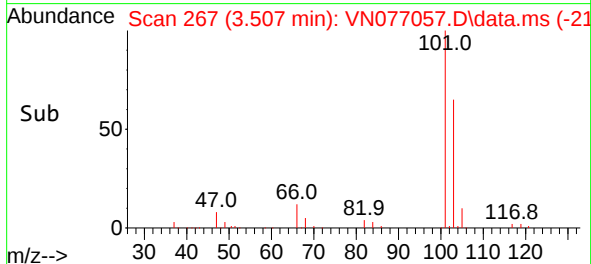
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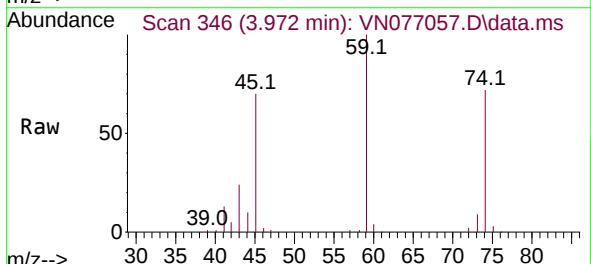
Tgt Ion:101 Resp: 407235
Ion Ratio Lower Upper
101 100
103 65.3 51.8 77.6

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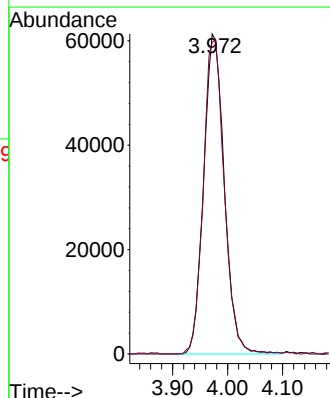
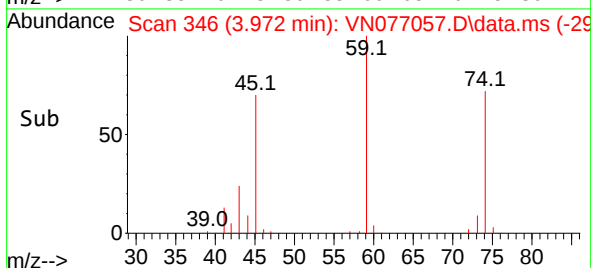
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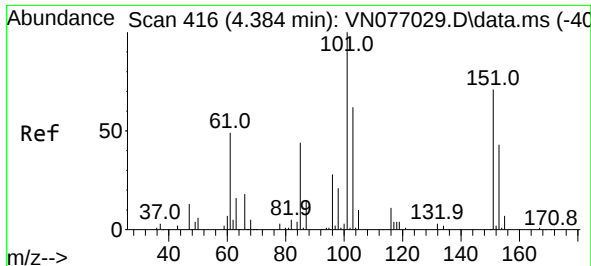


#8
Diethyl Ether
Concen: 52.587 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04



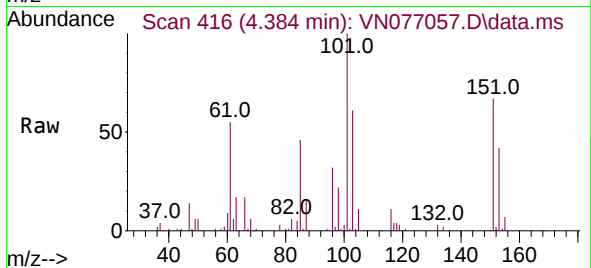
Tgt Ion: 74 Resp: 159684
Ion Ratio Lower Upper
74 100
45 99.7 50.8 152.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.845 ug/l
RT: 4.384 min Scan# 416
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

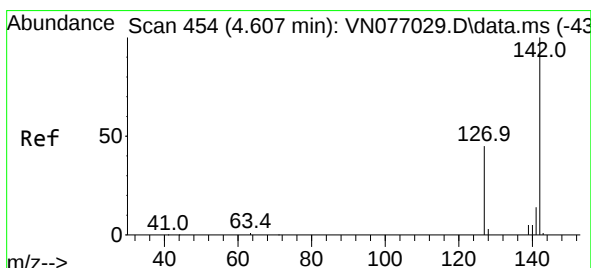
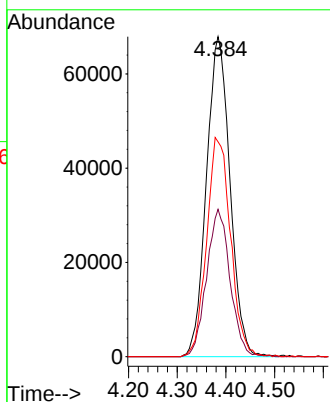
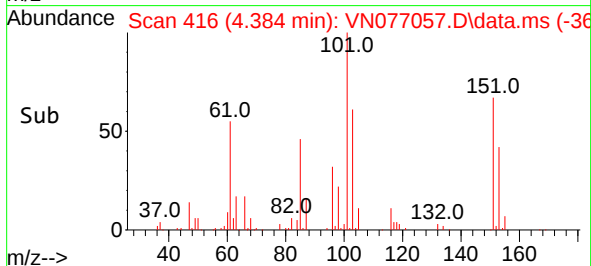
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



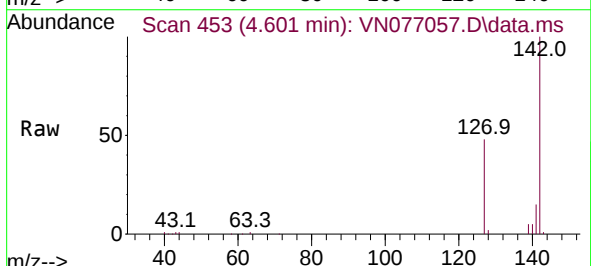
Tgt Ion:101 Resp: 228134
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 69.5 56.9 85.3

Manual Integrations
APPROVED

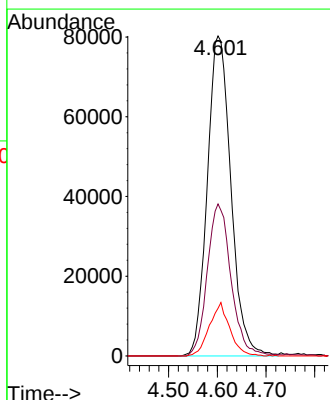
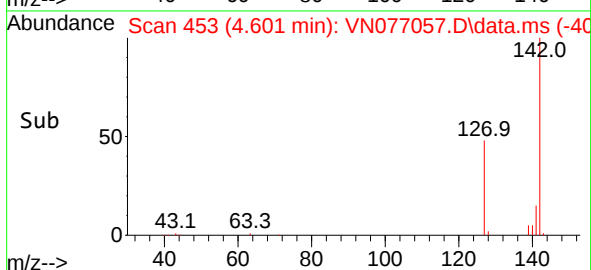
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

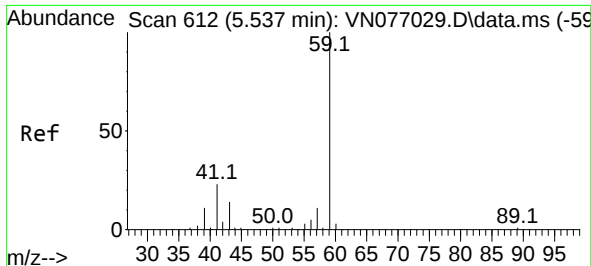


#10
Methyl Iodide
Concen: 52.440 ug/l
RT: 4.601 min Scan# 453
Delta R.T. -0.006 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04



Tgt Ion:142 Resp: 270331
Ion Ratio Lower Upper
142 100
127 47.5 36.1 54.1
141 14.9 10.8 16.2





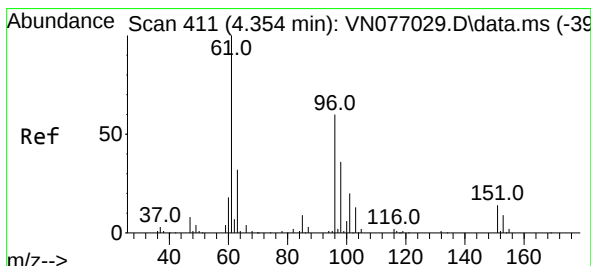
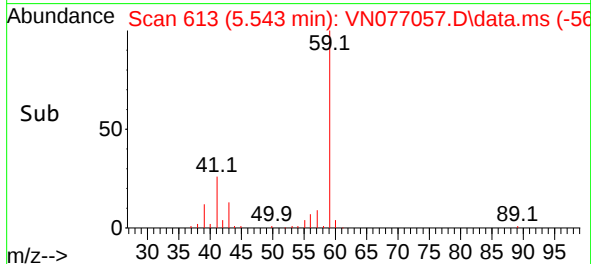
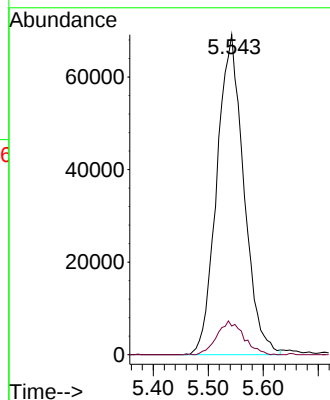
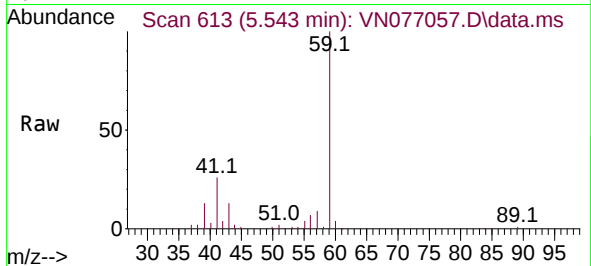
#11
Tert butyl alcohol
Concen: 293.872 ug/l
RT: 5.543 min Scan# 612
Delta R.T. 0.006 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 23589
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8

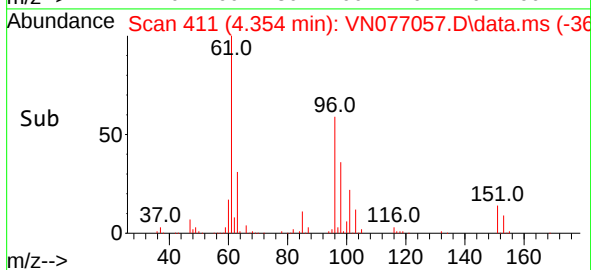
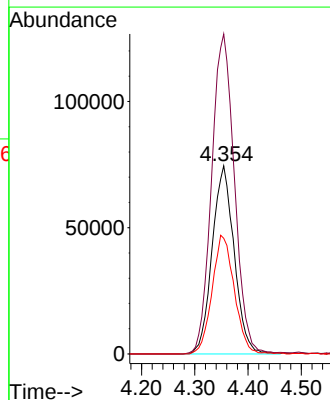
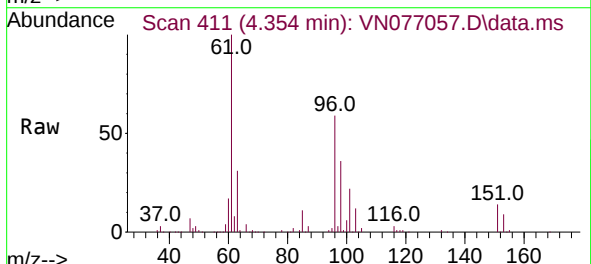
Manual Integrations
APPROVED

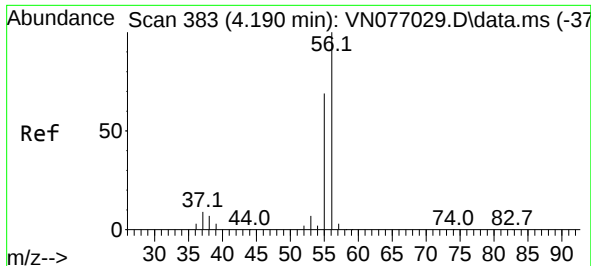
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#12
1,1-Dichloroethene
Concen: 51.150 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

Tgt Ion: 96 Resp: 214160
Ion Ratio Lower Upper
96 100
61 170.0 133.8 200.8
98 61.5 48.6 72.8





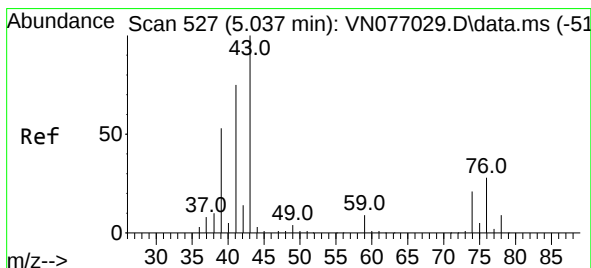
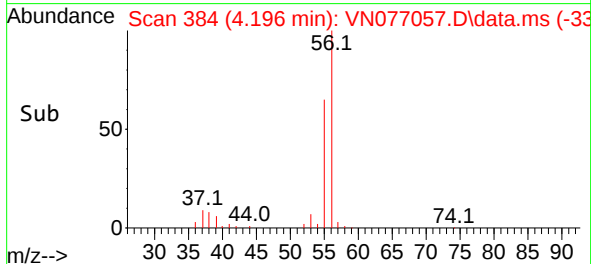
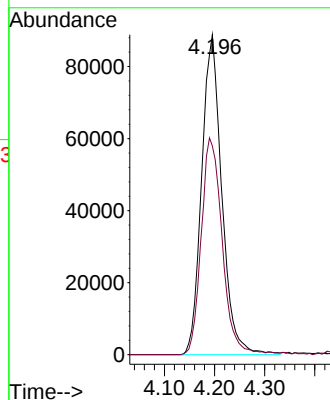
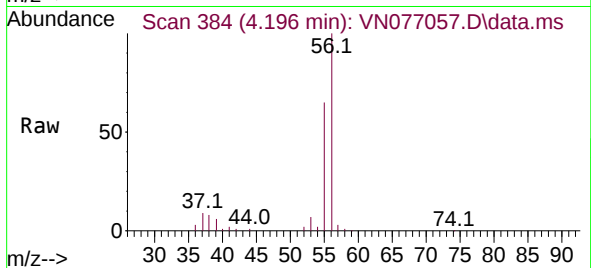
#13
Acrolein
Concen: 249.675 ug/l
RT: 4.196 min Scan# 384
Delta R.T. 0.006 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 247884
Ion Ratio Lower Upper
56 100
55 70.1 57.0 85.6

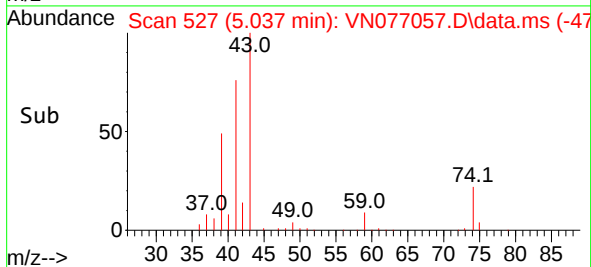
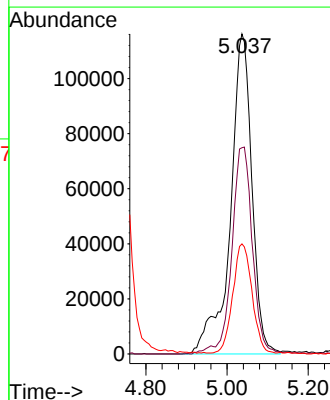
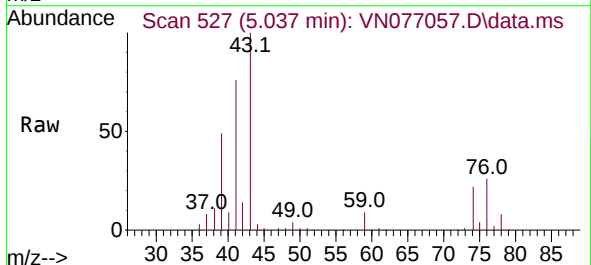
Manual Integrations
APPROVED

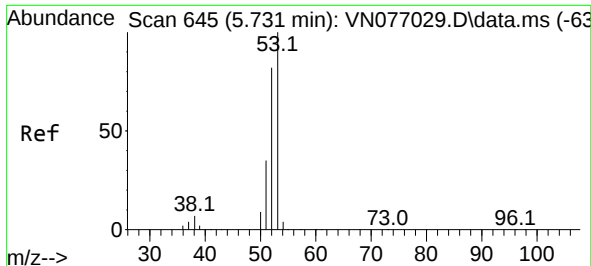
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#14
Allyl chloride
Concen: 55.865 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

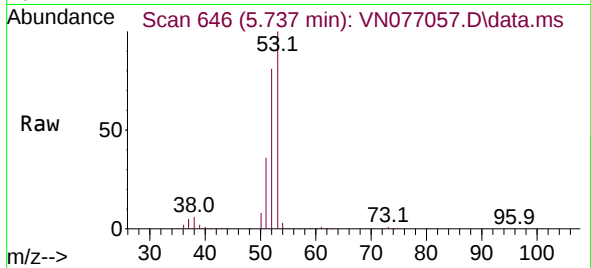
Tgt Ion: 41 Resp: 428209
Ion Ratio Lower Upper
41 100
39 61.7 53.8 80.8
76 30.2 26.7 40.1





#15
Acrylonitrile
Concen: 279.510 ug/l
RT: 5.737 min Scan# 645
Delta R.T. 0.006 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

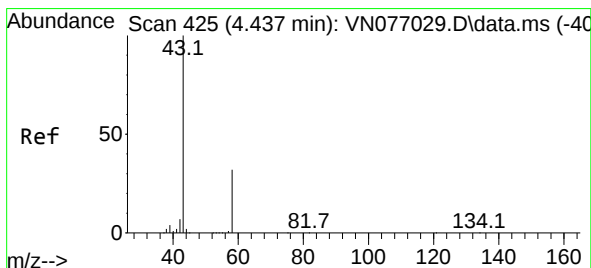
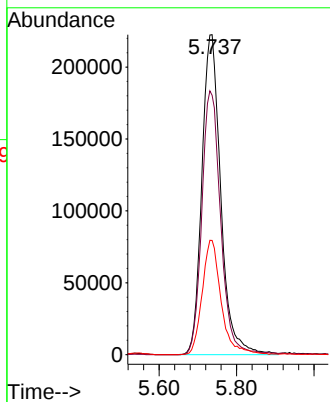
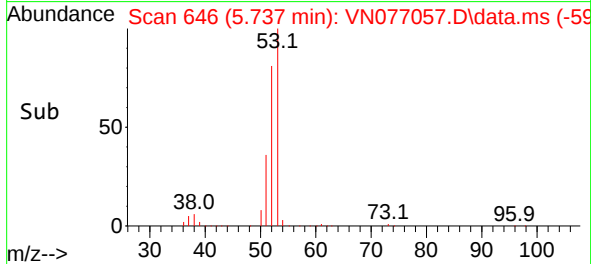
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 75426
Ion Ratio Lower Upper
53 100
52 82.0 64.6 97.0
51 35.9 28.3 42.5

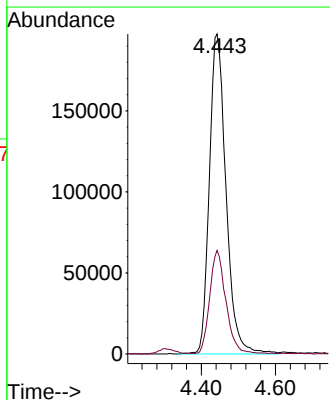
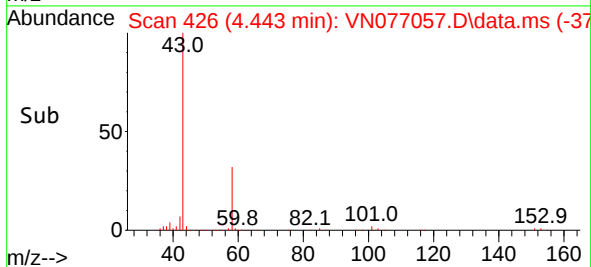
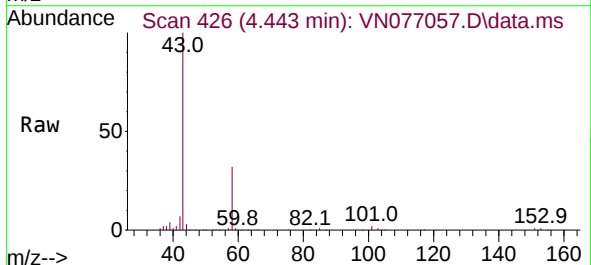
Manual Integrations
APPROVED

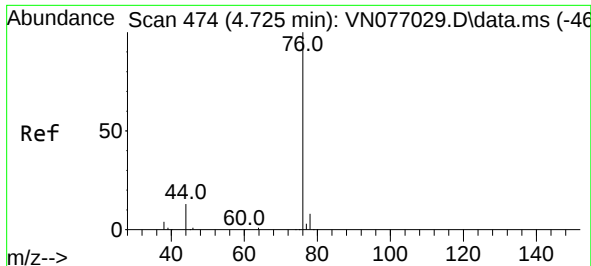
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#16
Acetone
Concen: 251.066 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

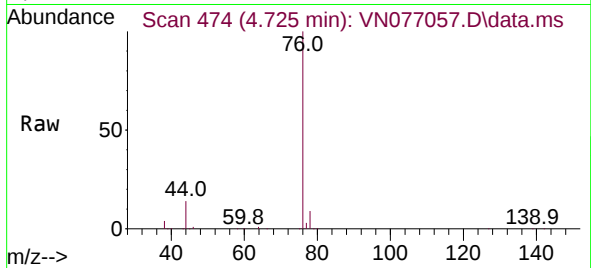
Tgt Ion: 43 Resp: 616243
Ion Ratio Lower Upper
43 100
58 32.2 25.4 38.0





#17
Carbon Disulfide
Concen: 49.167 ug/l
RT: 4.725 min Scan# 474
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

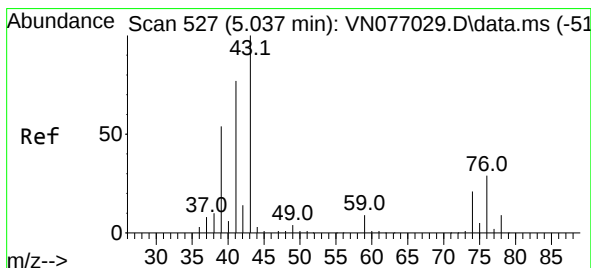
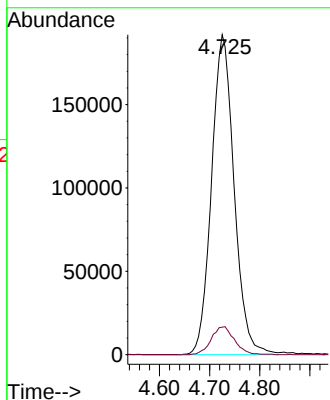
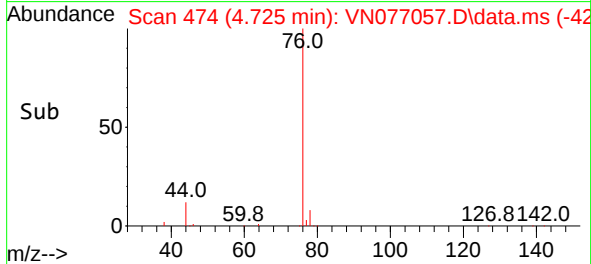
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 600260
Ion Ratio Lower Upper
76 100
78 8.6 6.6 10.0

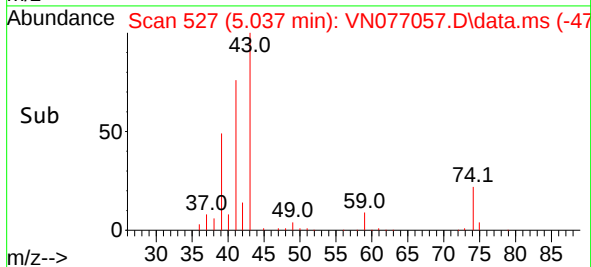
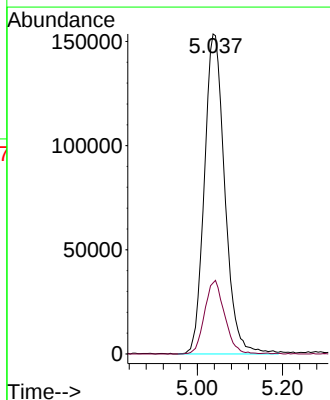
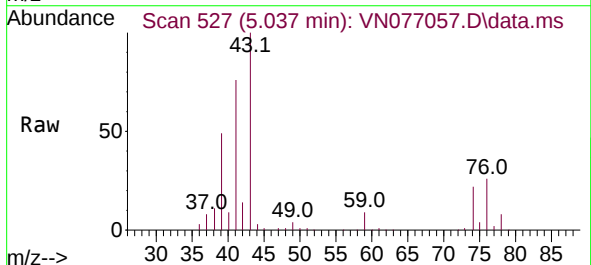
Manual Integrations
APPROVED

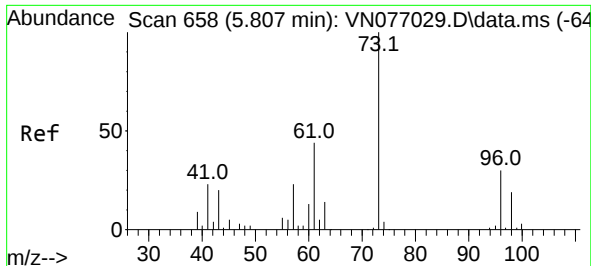
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#18
Methyl Acetate
Concen: 55.321 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

Tgt Ion: 43 Resp: 512038
Ion Ratio Lower Upper
43 100
74 22.5 17.7 26.5





#19

Methyl tert-butyl Ether

Concen: 53.123 ug/l

RT: 5.807 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN077057.D

Acq: 18 Mar 2023 01:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 79826

Ion Ratio Lower Upper

73 100

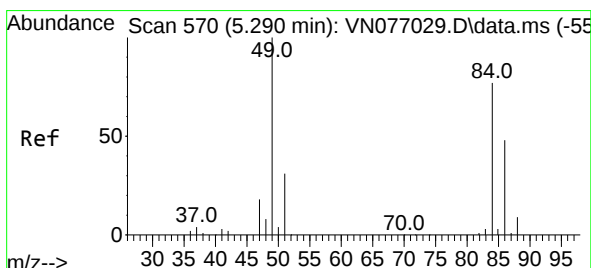
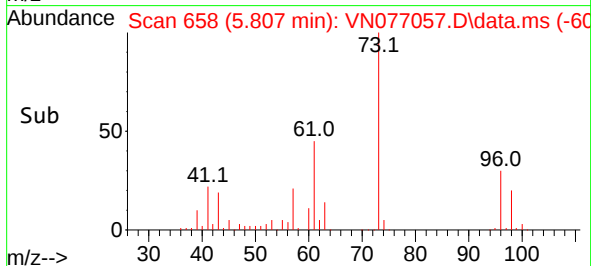
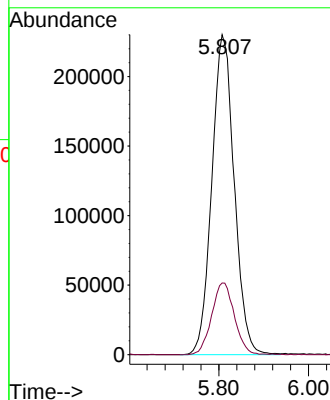
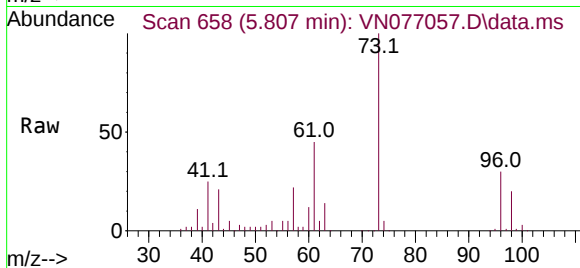
57 22.4 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#20

Methylene Chloride

Concen: 50.350 ug/l

RT: 5.290 min Scan# 570

Delta R.T. 0.000 min

Lab File: VN077057.D

Acq: 18 Mar 2023 01:04

Tgt Ion: 84 Resp: 268216

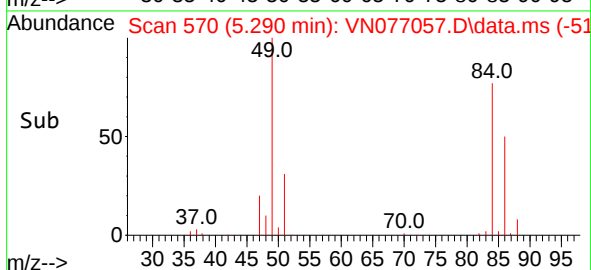
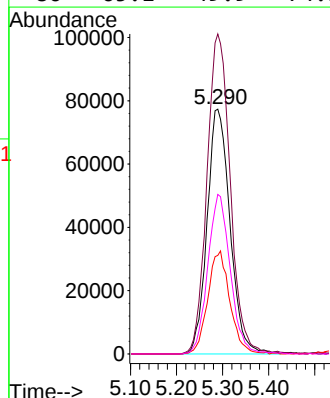
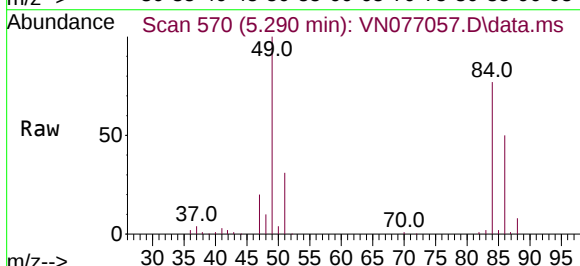
Ion Ratio Lower Upper

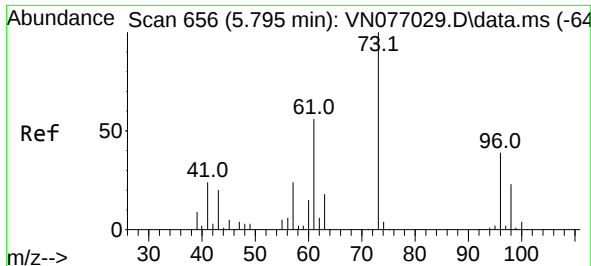
84 100

49 130.7 103.8 155.6

51 40.2 32.3 48.5

86 65.1 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 51.345 ug/l

RT: 5.795 min Scan# 656

Delta R.T. 0.000 min

Lab File: VN077057.D

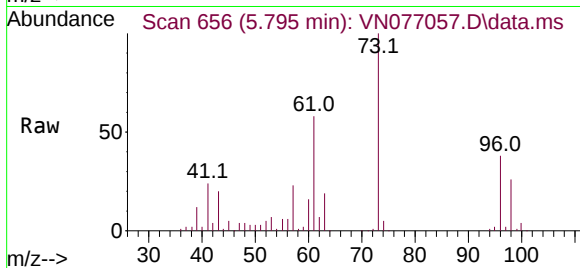
Acq: 18 Mar 2023 01:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 96 Resp: 233010

Ion Ratio Lower Upper

96 100

61 151.5 115.8 173.6

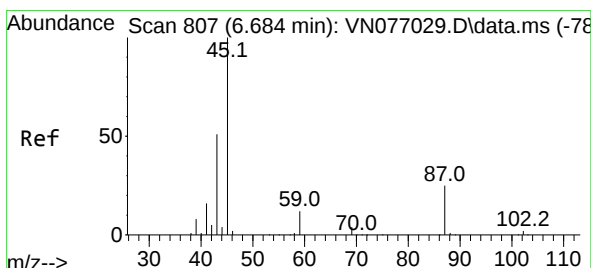
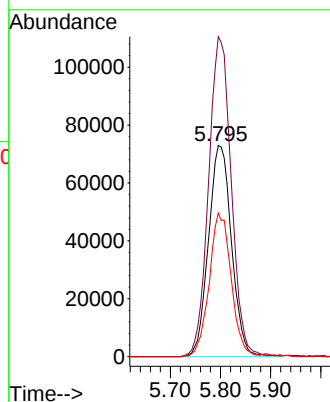
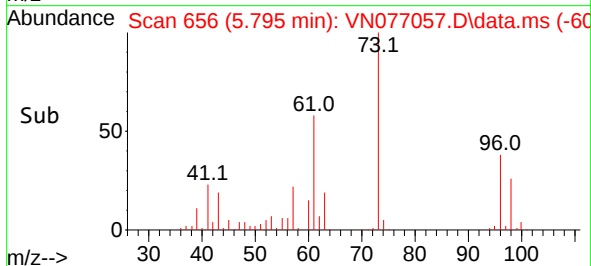
98 68.0 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#22

Diisopropyl ether

Concen: 53.795 ug/l

RT: 6.684 min Scan# 807

Delta R.T. 0.000 min

Lab File: VN077057.D

Acq: 18 Mar 2023 01:04

Tgt Ion: 45 Resp: 903436

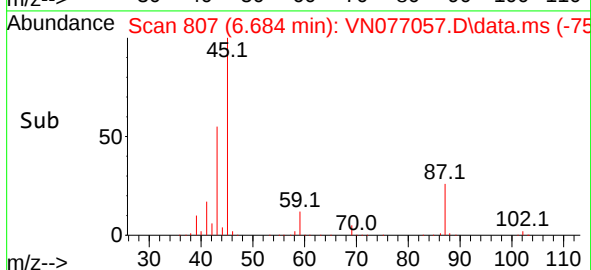
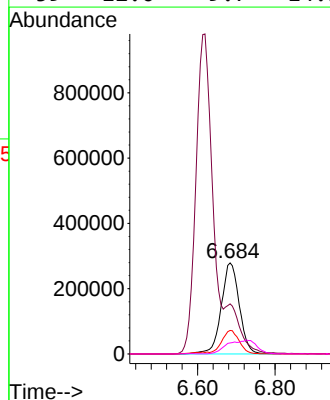
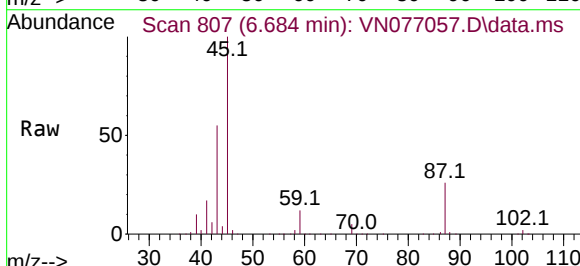
Ion Ratio Lower Upper

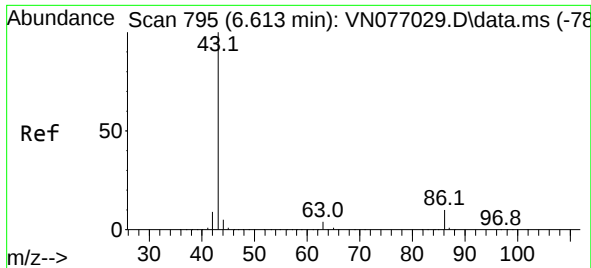
45 100

43 54.2 41.5 62.3

87 25.7 20.6 30.8

59 12.0 9.7 14.5





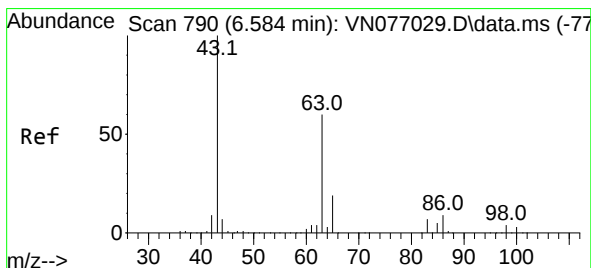
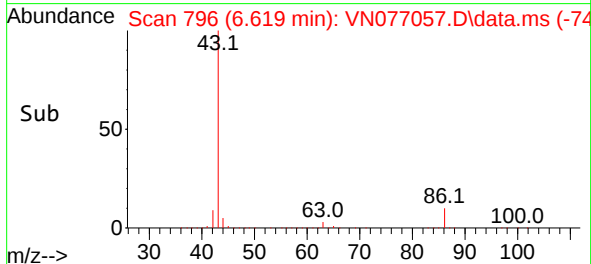
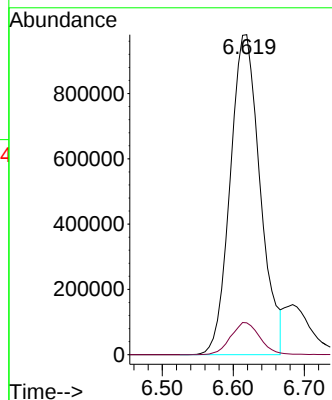
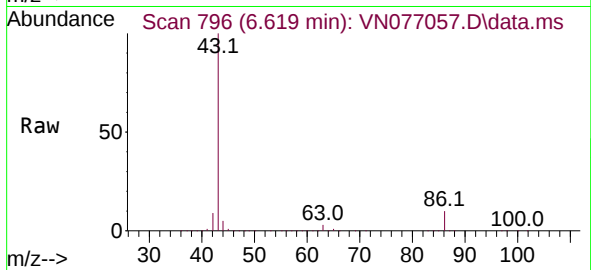
#23
 Vinyl Acetate
 Concen: 271.685 ug/l
 RT: 6.619 min Scan# 795
 Delta R.T. 0.006 min
 Lab File: VN077057.D
 Acq: 18 Mar 2023 01:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 2879220
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.0 12.0

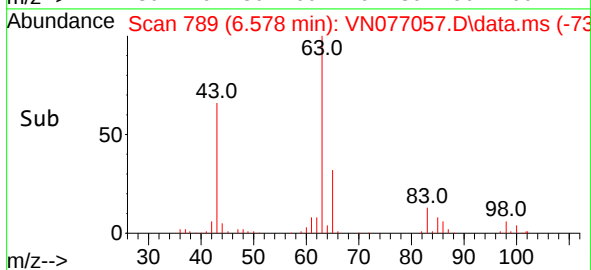
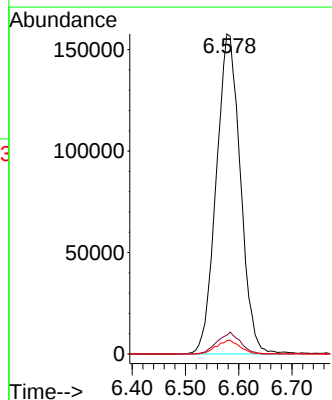
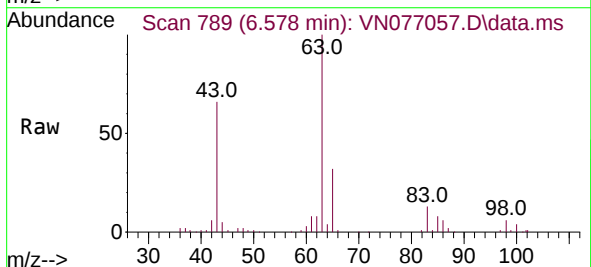
Manual Integrations
 APPROVED

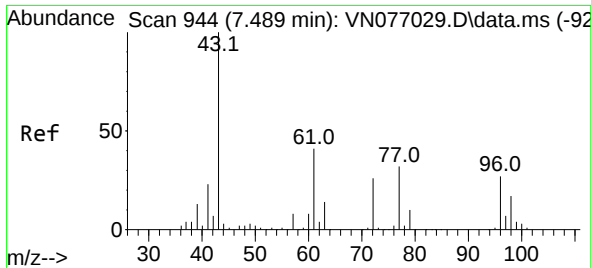
Reviewed By :John Carlone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023



#24
 1,1-Dichloroethane
 Concen: 51.526 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN077057.D
 Acq: 18 Mar 2023 01:04

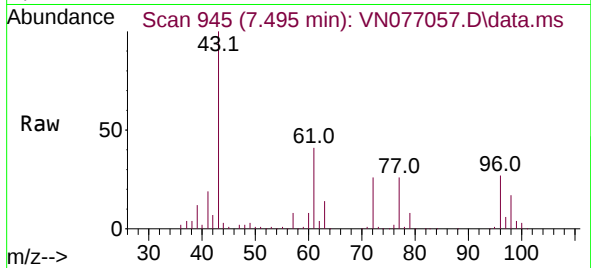
Tgt Ion: 63 Resp: 495163
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.1 9.4
 100 4.2 2.1 6.3





#25
2-Butanone
Concen: 278.112 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

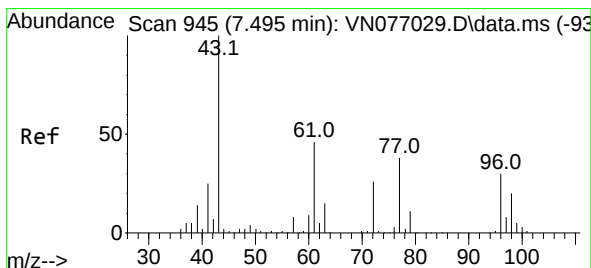
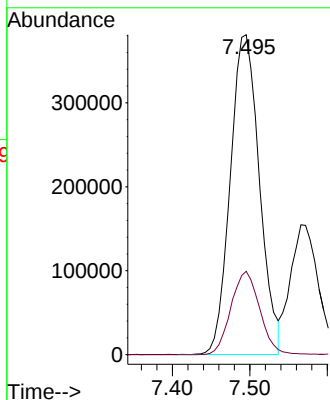
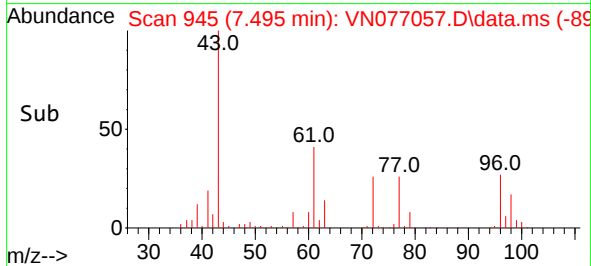
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 998589
Ion Ratio Lower Upper
43 100
72 26.0 20.7 31.1

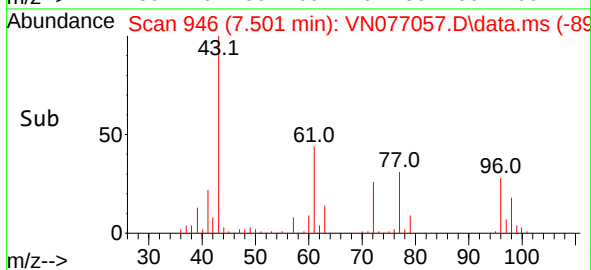
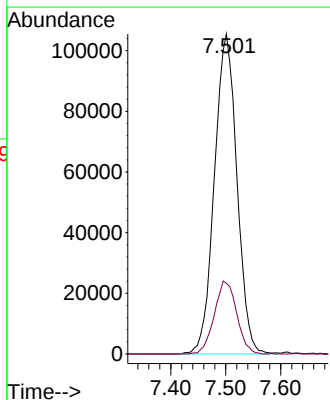
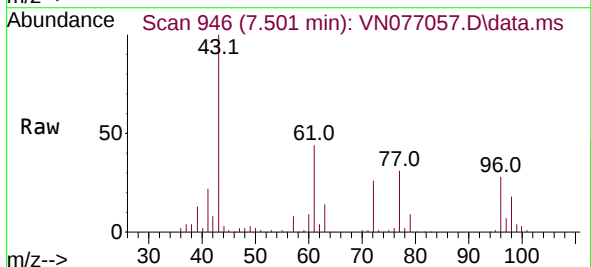
Manual Integrations
APPROVED

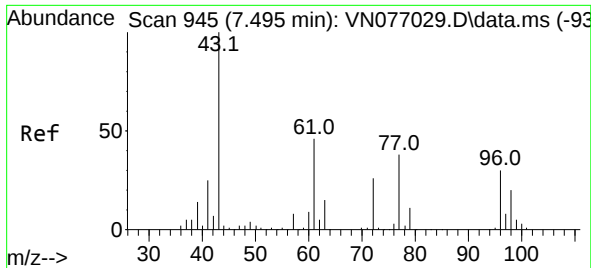
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#26
2,2-Dichloropropane
Concen: 41.574 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

Tgt Ion: 77 Resp: 300614
Ion Ratio Lower Upper
77 100
97 22.6 10.9 32.9





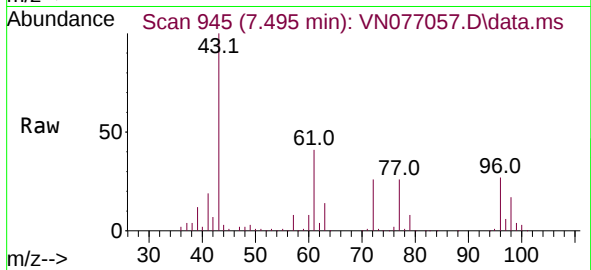
#27
 cis-1,2-Dichloroethene
 Concen: 53.441 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077057.D
 Acq: 18 Mar 2023 01:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



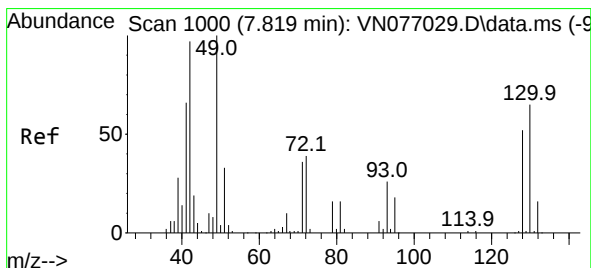
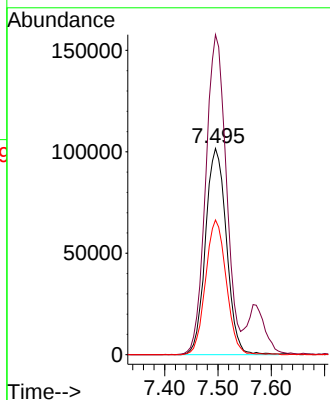
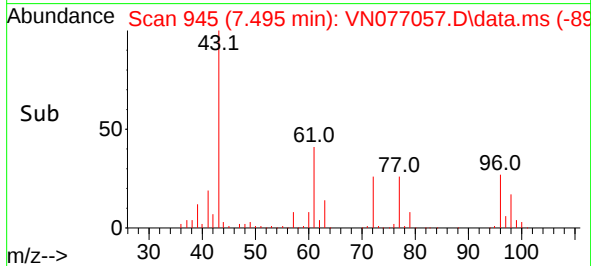
Tgt Ion: 96 Resp: 277761
 Ion Ratio Lower Upper
 96 100
 61 151.9 0.0 315.4
 98 64.7 0.0 128.6

Manual Integrations

APPROVED

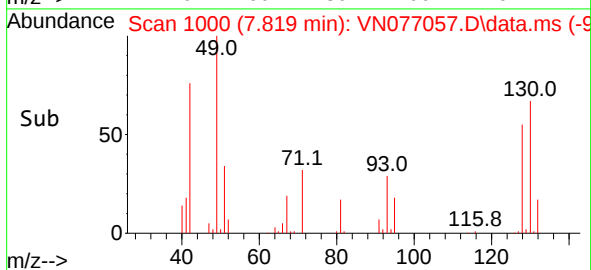
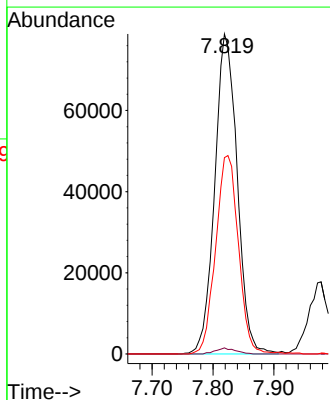
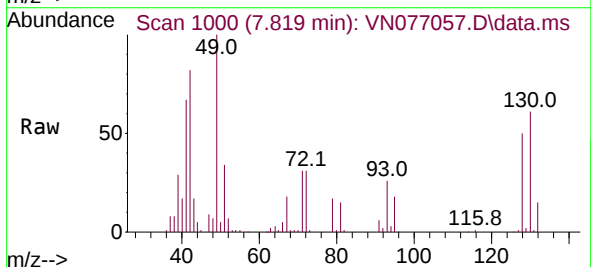
Reviewed By :John Carlone 03/20/2023

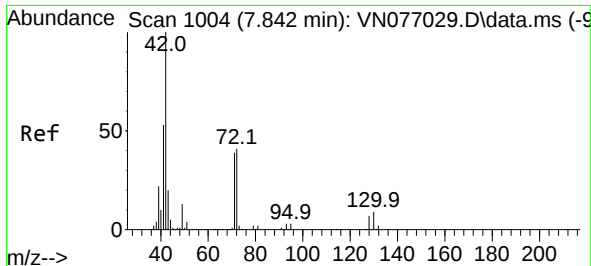
Supervised By :Mahesh Dadoda 03/20/2023



#28
 Bromochloromethane
 Concen: 48.465 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. 0.000 min
 Lab File: VN077057.D
 Acq: 18 Mar 2023 01:04

Tgt Ion: 49 Resp: 202261
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.2
 130 62.8 51.9 77.9





#29

Tetrahydrofuran

Concen: 293.739 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN077057.D

Acq: 18 Mar 2023 01:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

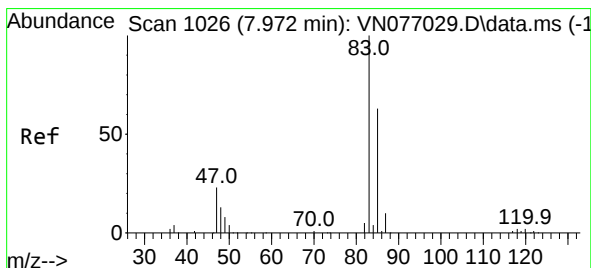
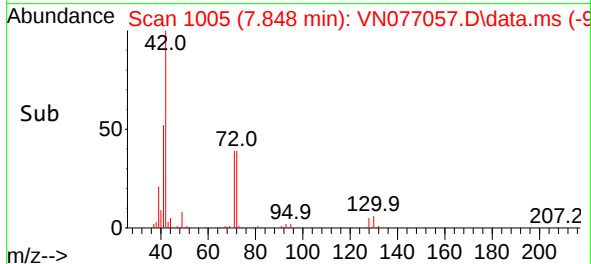
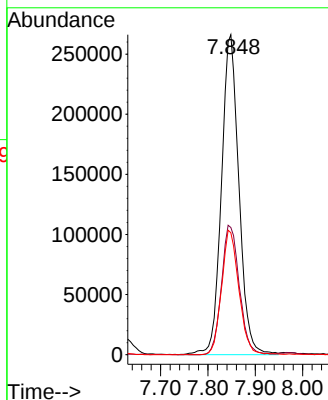
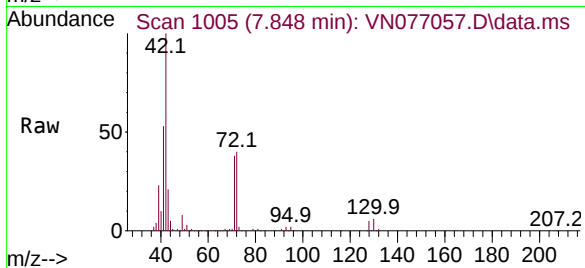
Tgt Ion:	42	Resp:	68345
Ion Ratio	Lower	Upper	
42	100		
72	41.3	33.2	49.8
71	38.5	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#30

Chloroform

Concen: 51.585 ug/l

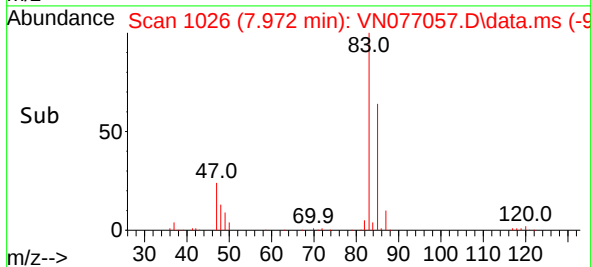
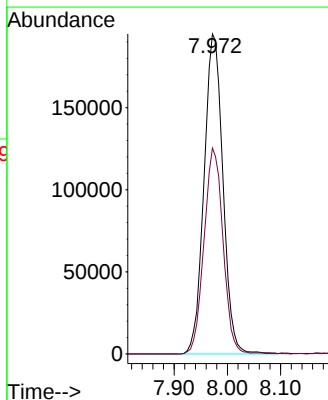
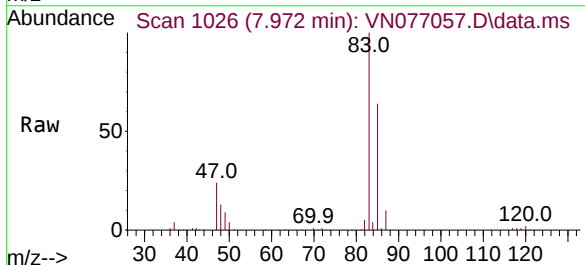
RT: 7.972 min Scan# 1026

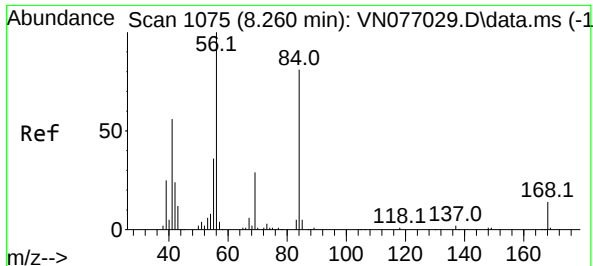
Delta R.T. 0.000 min

Lab File: VN077057.D

Acq: 18 Mar 2023 01:04

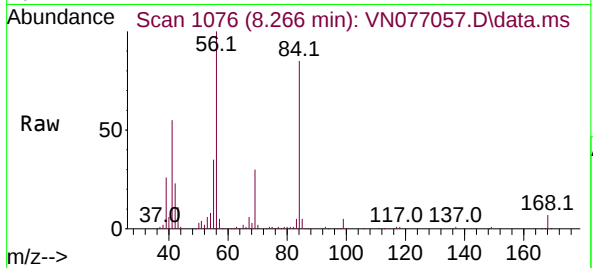
Tgt Ion:	83	Resp:	481149
Ion Ratio	Lower	Upper	
83	100		
85	64.4	50.6	75.8





#31
Cyclohexane
Concen: 51.083 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

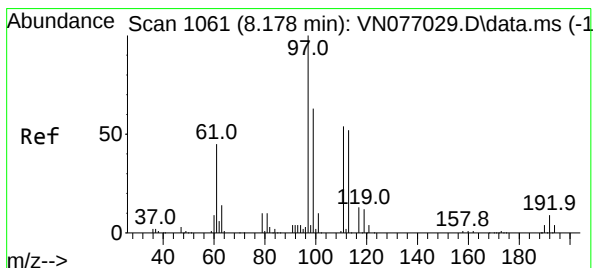
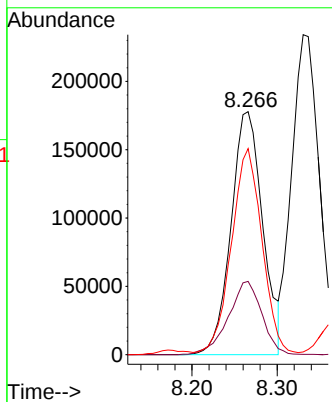
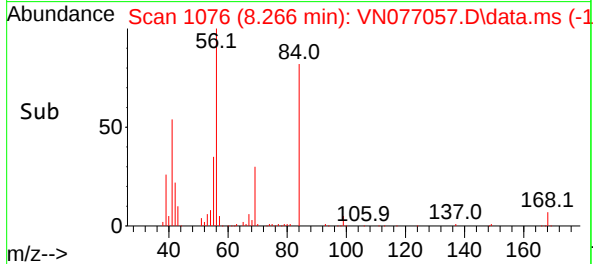
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



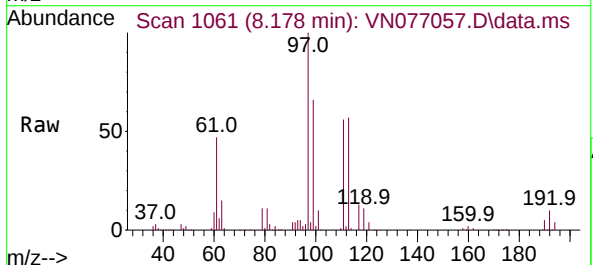
Tgt Ion: 56 Resp: 46040
Ion Ratio Lower Upper
56 100
69 30.2 22.8 34.2
84 83.5 64.7 97.1

Manual Integrations
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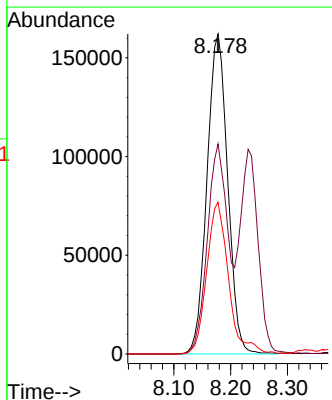
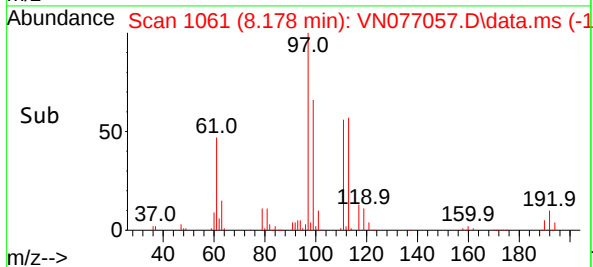
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

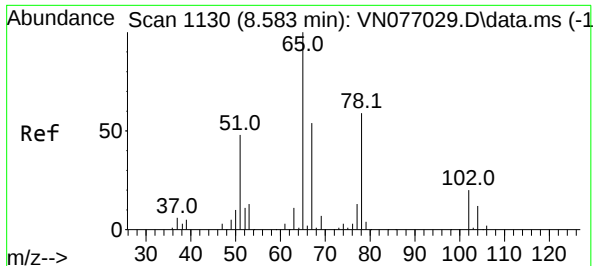


#32
1,1,1-Trichloroethane
Concen: 51.312 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04



Tgt Ion: 97 Resp: 409060
Ion Ratio Lower Upper
97 100
99 66.2 50.2 75.2
61 50.2 39.0 58.6





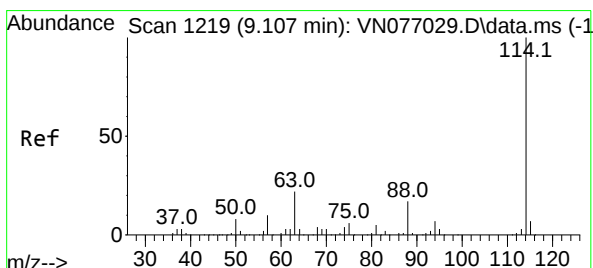
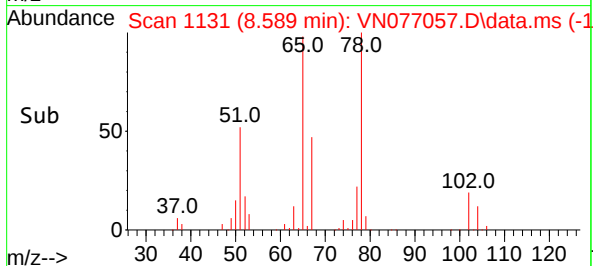
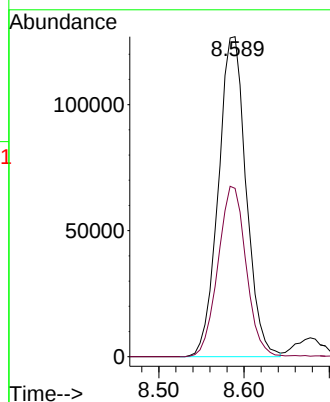
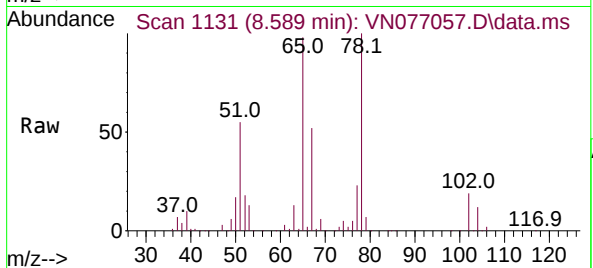
#33
1,2-Dichloroethane-d4
Concen: 52.188 ug/l
RT: 8.589 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 28748
Ion Ratio Lower Upper
65 100
67 53.8 0.0 105.2

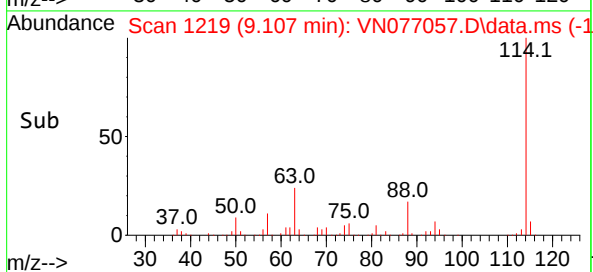
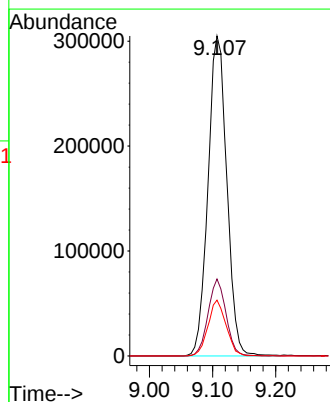
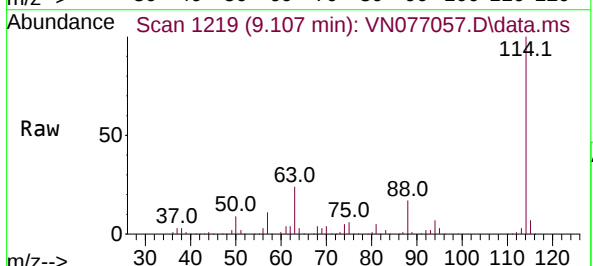
Manual Integrations
APPROVED

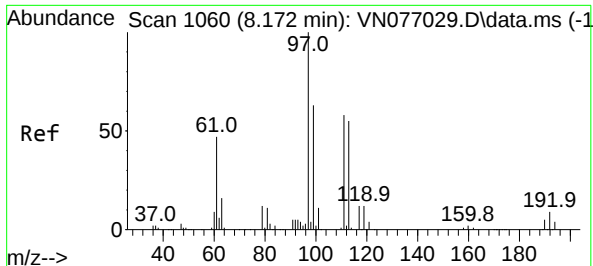
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

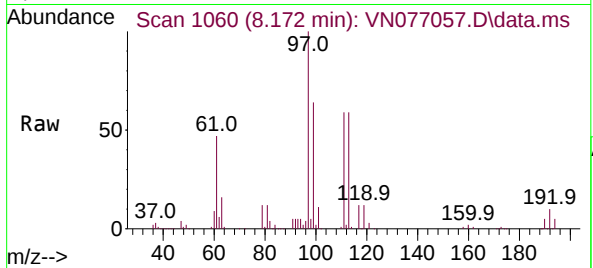
Tgt Ion:114 Resp: 631566
Ion Ratio Lower Upper
114 100
63 24.0 0.0 44.6
88 17.5 0.0 33.8





#35
Dibromofluoromethane
Concen: 49.167 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

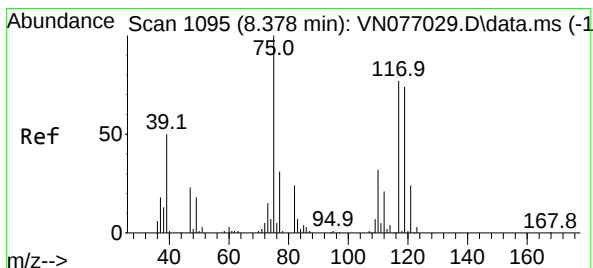
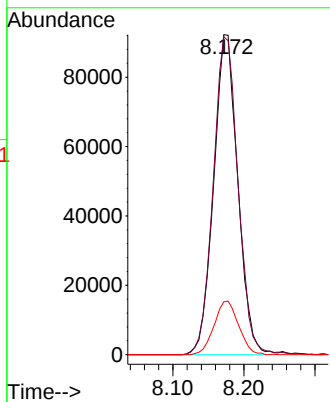
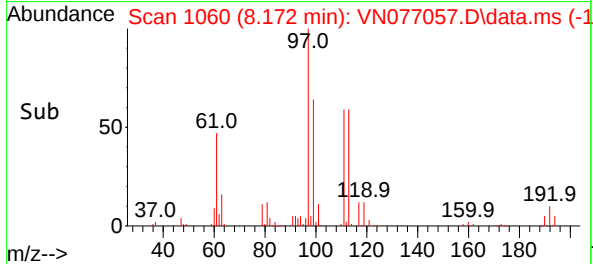
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



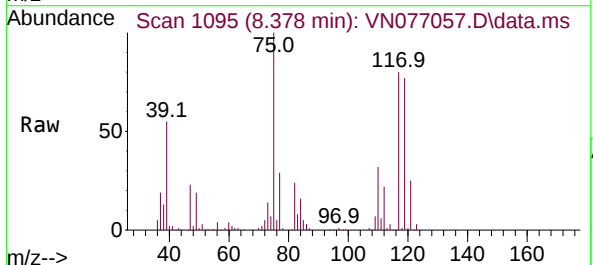
Tgt Ion: 113 Resp: 21746
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 17.0 13.0 19.6

Manual Integrations
APPROVED

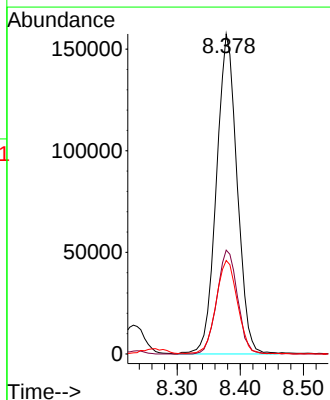
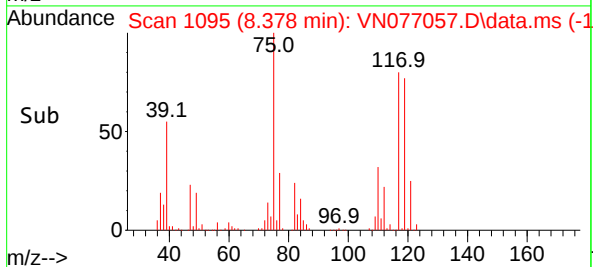
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

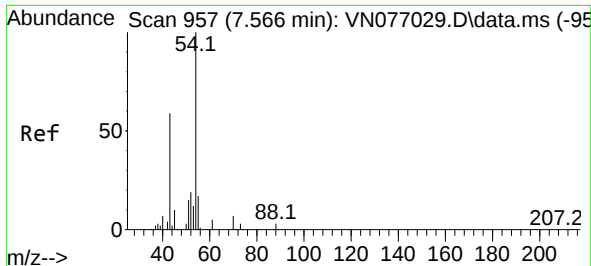


#36
1,1-Dichloropropene
Concen: 51.879 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04



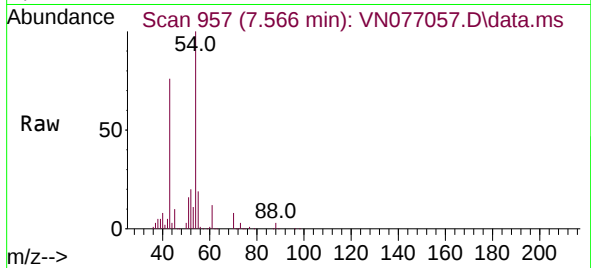
Tgt Ion: 75 Resp: 358393
Ion Ratio Lower Upper
75 100
110 32.4 15.9 47.7
77 30.2 24.3 36.5





#37
Ethyl Acetate
Concen: 53.473 ug/l
RT: 7.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

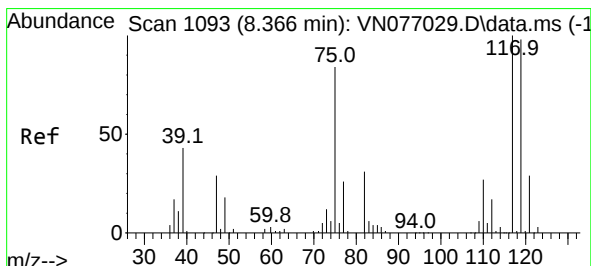
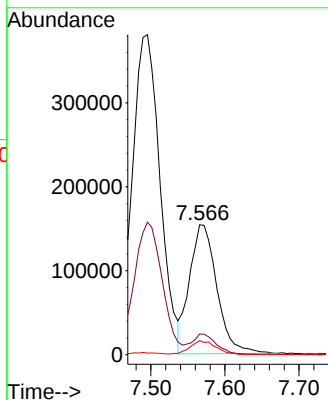
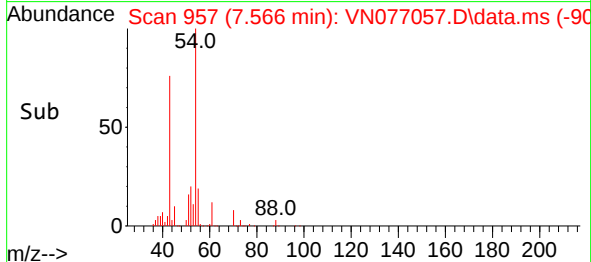
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 395230
Ion Ratio Lower Upper
43 100
61 13.3 11.0 16.6
70 10.1 8.4 12.6

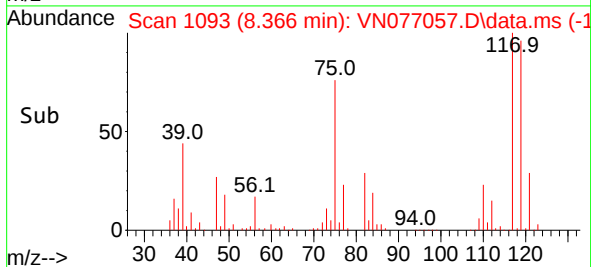
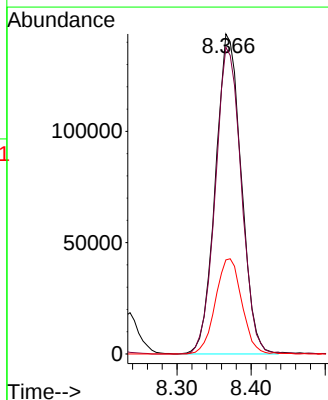
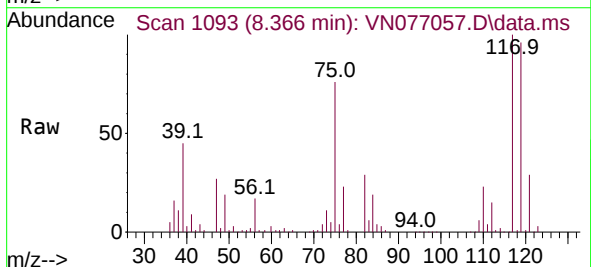
Manual Integrations
APPROVED

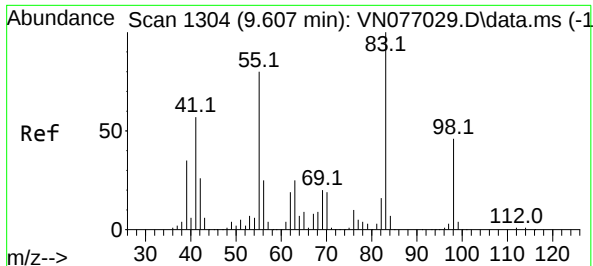
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#38
Carbon Tetrachloride
Concen: 51.640 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

Tgt Ion:117 Resp: 347478
Ion Ratio Lower Upper
117 100
119 95.8 78.2 117.2
121 29.4 23.2 34.8





#39
Methylcyclohexane
Concen: 53.209 ug/l
RT: 9.607 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

Instrument :

MSVOA_N

ClientSampleId :

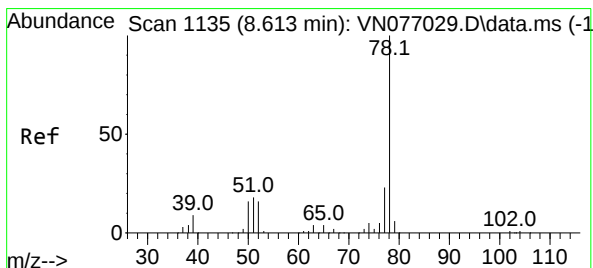
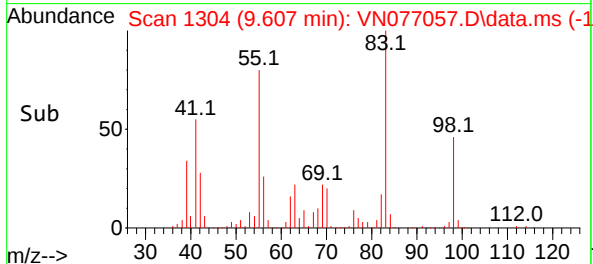
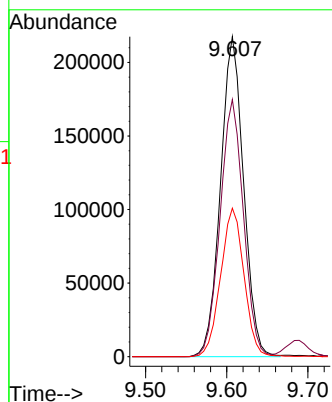
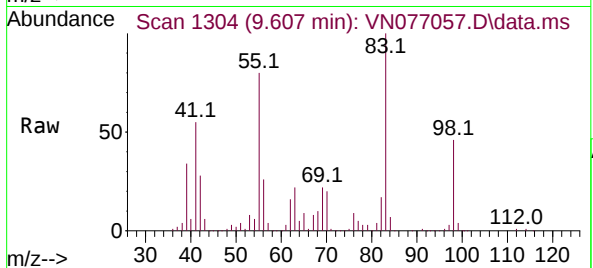
VSTDCCC050EC

Tgt Ion: 83 Resp: 43024
Ion Ratio Lower Upper
83 100
55 80.3 63.8 95.8
98 46.4 37.1 55.7

Manual Integrations

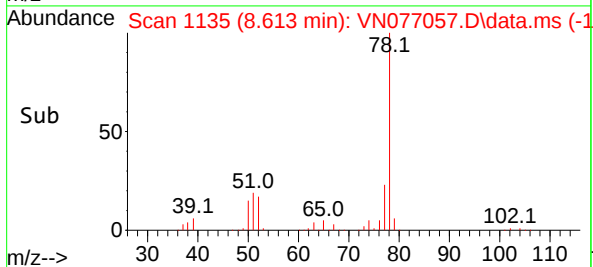
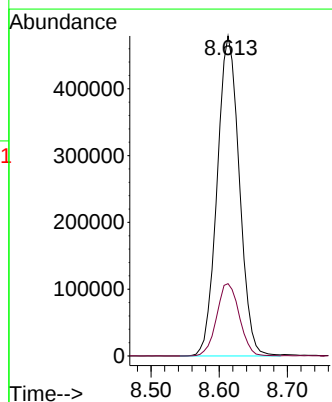
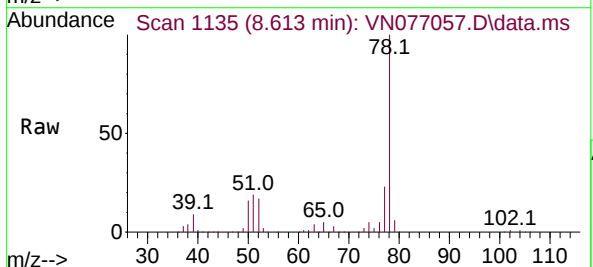
APPROVED

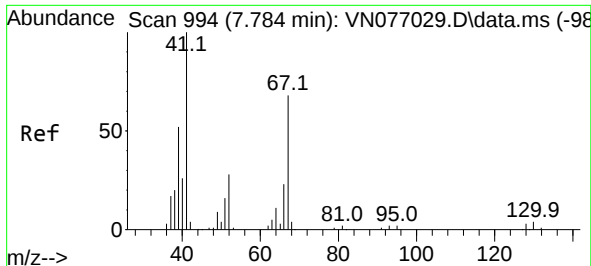
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#40
Benzene
Concen: 51.821 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

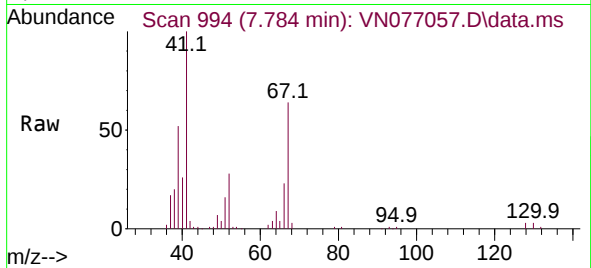
Tgt Ion: 78 Resp: 1085699
Ion Ratio Lower Upper
78 100
77 22.6 18.5 27.7





#41
Methacrylonitrile
Concen: 53.454 ug/l m
RT: 7.784 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

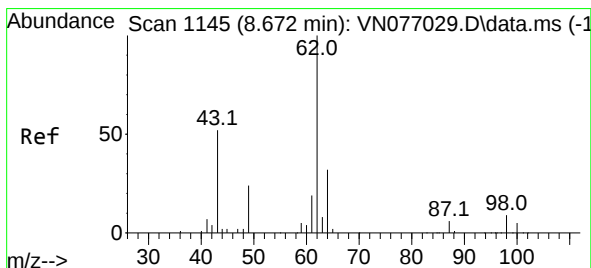
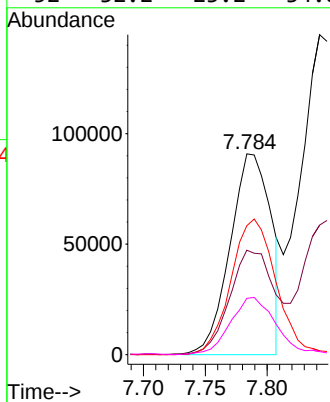
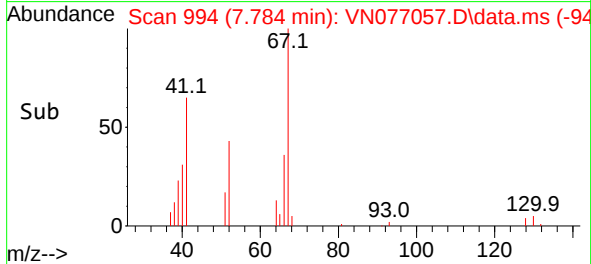
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



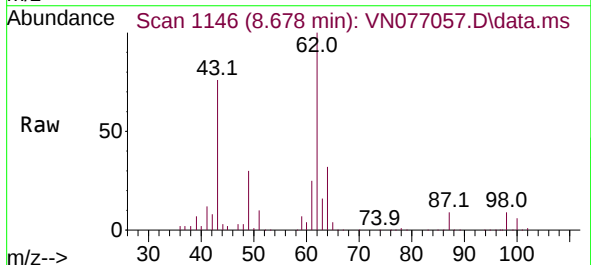
Tgt Ion: 41 Resp: 20812
Ion Ratio Lower Upper
41 100
39 56.9 41.6 62.4
67 75.6 53.8 80.8
52 32.2 23.2 34.8

Manual Integrations
APPROVED

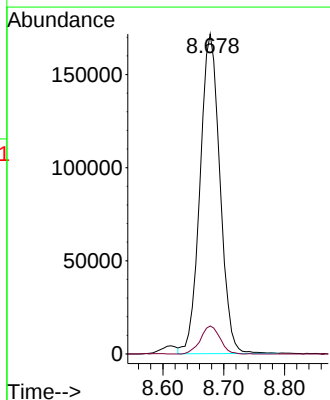
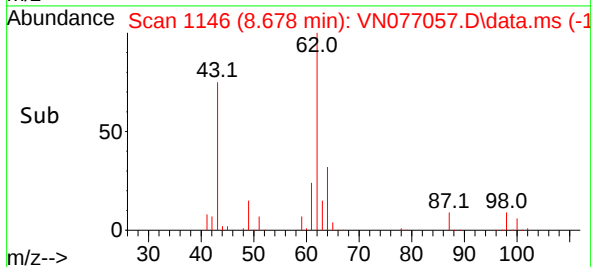
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

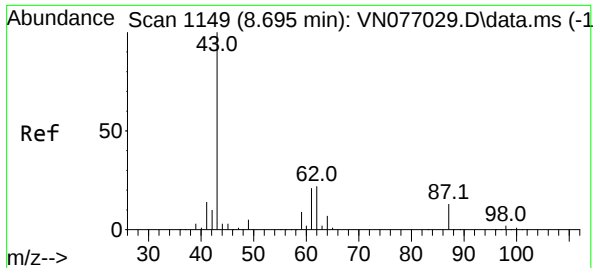


#42
1,2-Dichloroethane
Concen: 51.424 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04



Tgt Ion: 62 Resp: 389321
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.4





#43

Isopropyl Acetate

Concen: 54.800 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VN077057.D

Acq: 18 Mar 2023 01:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 632748

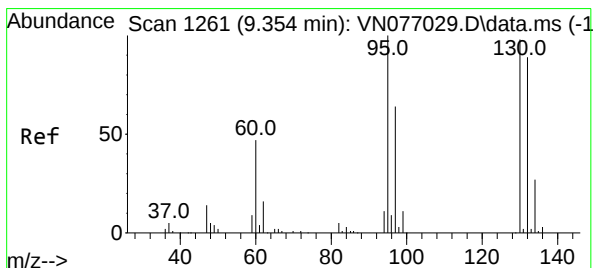
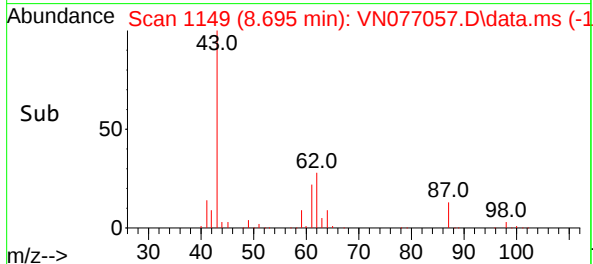
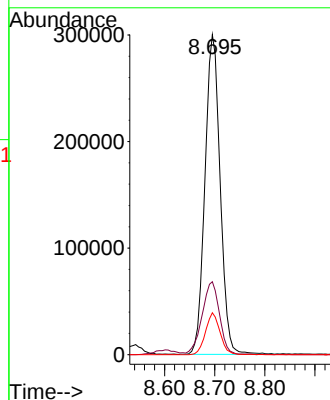
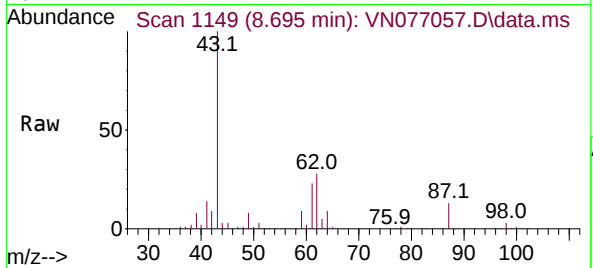
Ion	Ratio	Lower	Upper
43	100		
61	25.6	20.6	30.8
87	12.5	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#44

Trichloroethene

Concen: 49.463 ug/l

RT: 9.360 min Scan# 1262

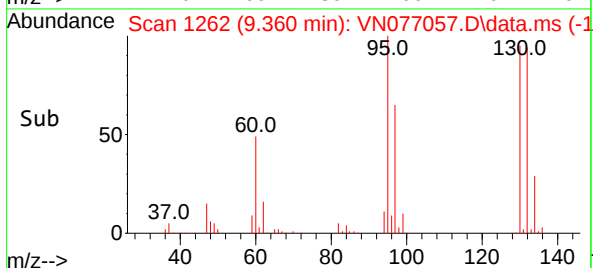
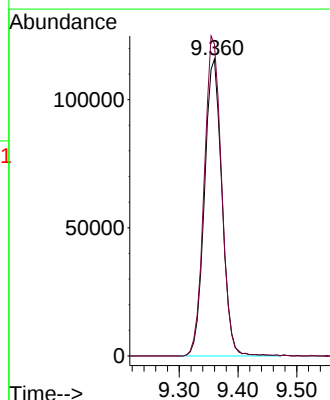
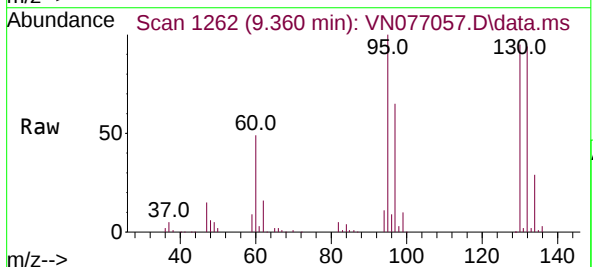
Delta R.T. 0.006 min

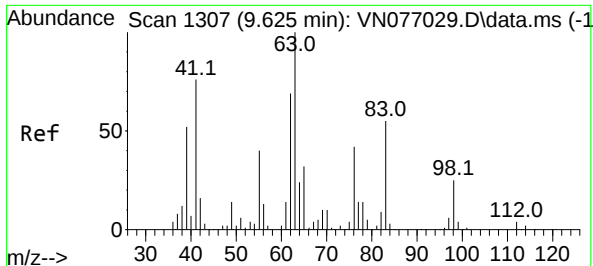
Lab File: VN077057.D

Acq: 18 Mar 2023 01:04

Tgt Ion:130 Resp: 238036

Ion	Ratio	Lower	Upper
130	100		
95	105.1	0.0	204.4





#45

1,2-Dichloropropane

Concen: 52.184 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VN077057.D

Acq: 18 Mar 2023 01:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 290379

Ion Ratio Lower Upper

63 100

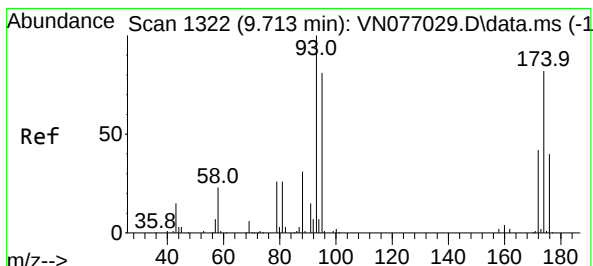
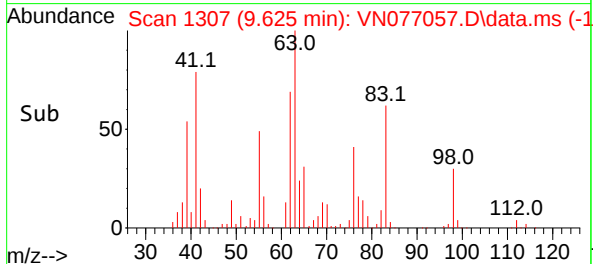
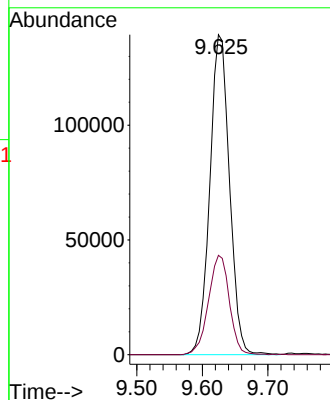
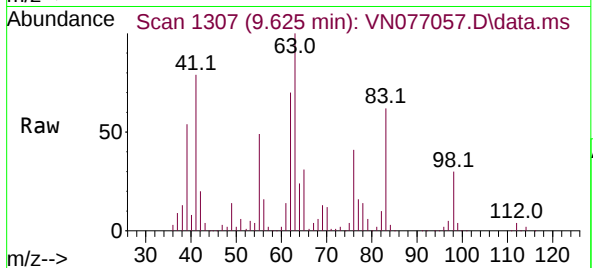
65 31.0 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#46

Dibromomethane

Concen: 52.090 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VN077057.D

Acq: 18 Mar 2023 01:04

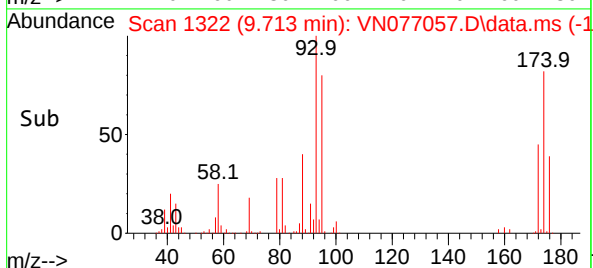
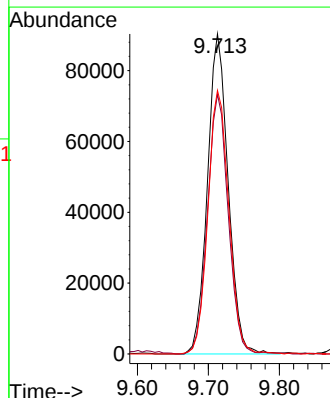
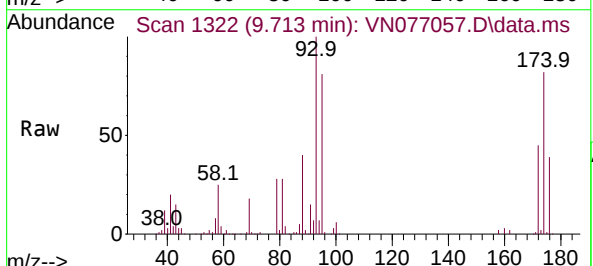
Tgt Ion: 93 Resp: 182802

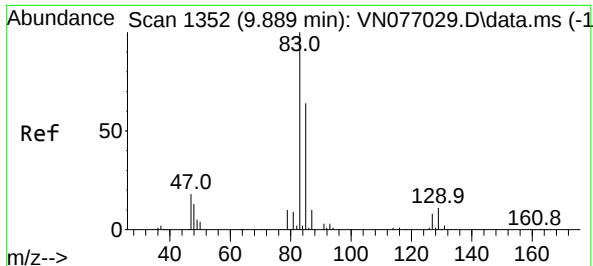
Ion Ratio Lower Upper

93 100

95 81.1 65.7 98.5

174 83.6 66.4 99.6





#47

Bromodichloromethane

Concen: 51.509 ug/l

RT: 9.895 min Scan# 1353

Delta R.T. 0.006 min

Lab File: VN077057.D

Acq: 18 Mar 2023 01:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 379124

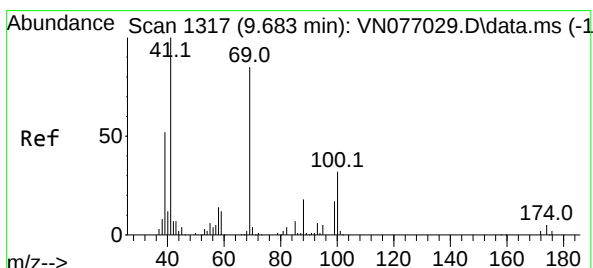
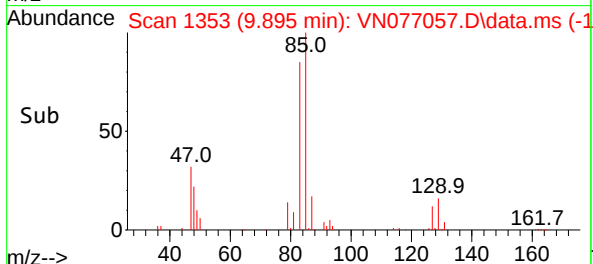
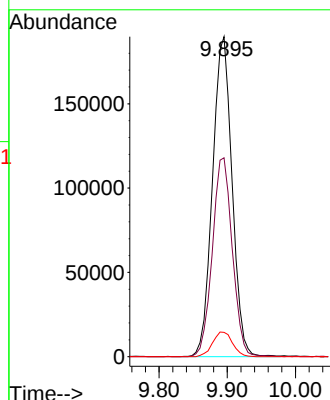
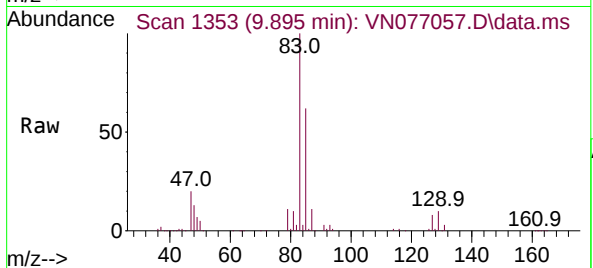
Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.0	76.4
127	7.6	6.1	9.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#48

Methyl methacrylate

Concen: 58.002 ug/l

RT: 9.689 min Scan# 1318

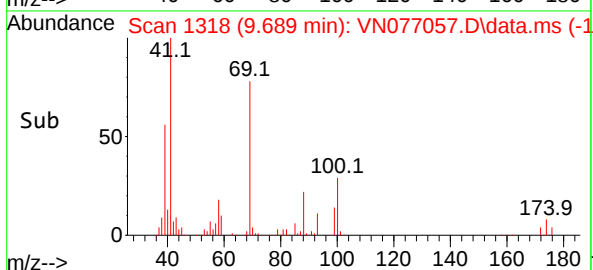
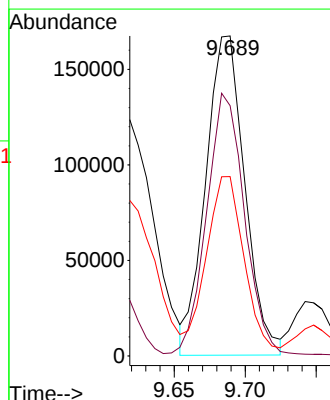
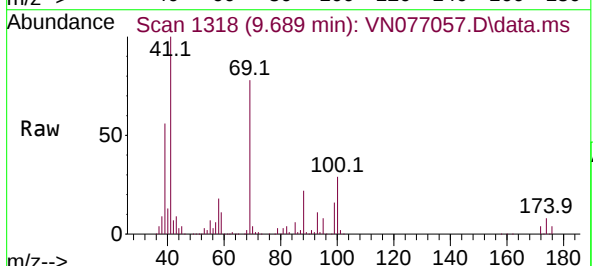
Delta R.T. 0.006 min

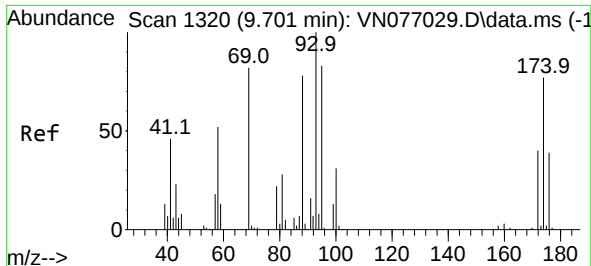
Lab File: VN077057.D

Acq: 18 Mar 2023 01:04

Tgt Ion: 41 Resp: 320172

Ion	Ratio	Lower	Upper
41	100		
69	80.3	64.3	96.5
39	55.4	43.2	64.8





#49

1,4-Dioxane

Concen: 1170.360 ug/l

RT: 9.701 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN077057.D

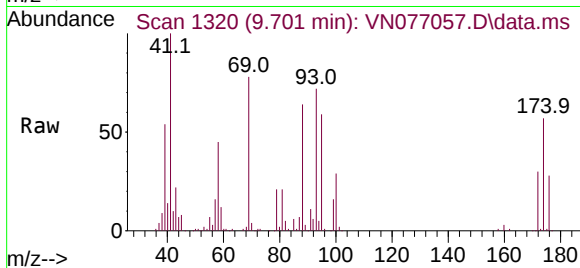
Acq: 18 Mar 2023 01:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



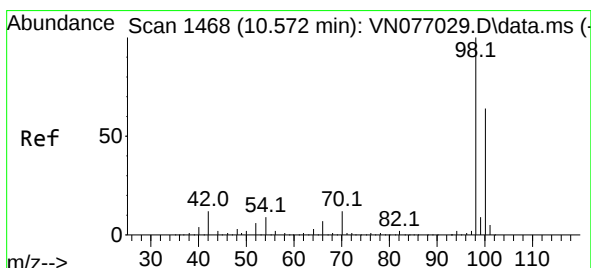
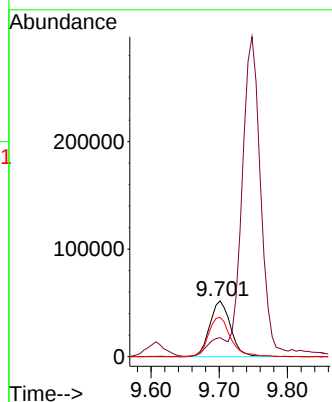
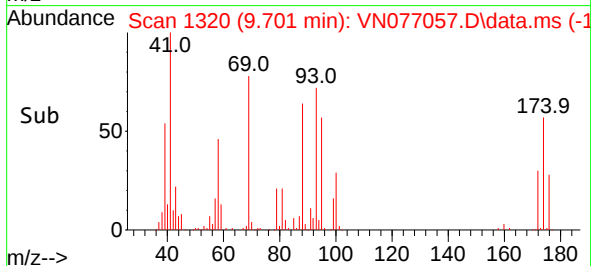
Tgt Ion:	88	Resp:	11034
Ion Ratio	Lower	Upper	
88	100		
43	31.5	22.2	33.2
58	75.7	60.8	91.2

Manual Integrations

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Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#50

Toluene-d8

Concen: 52.609 ug/l

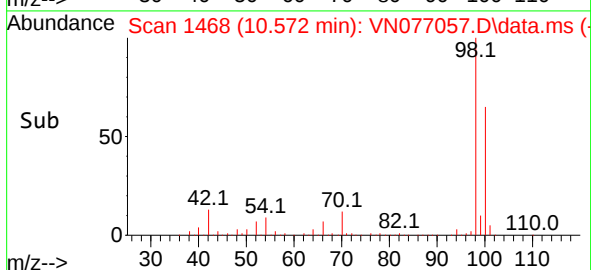
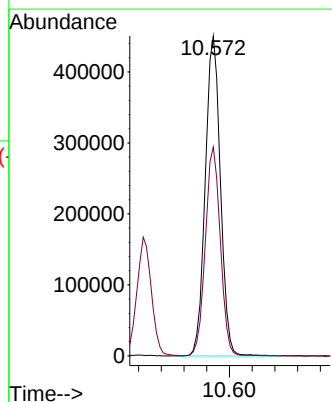
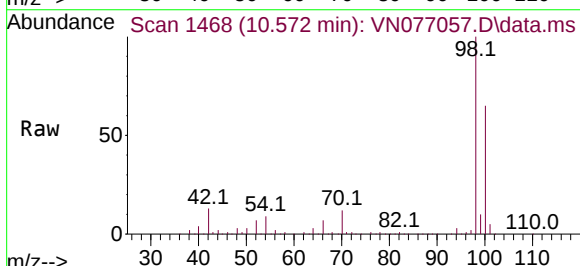
RT: 10.572 min Scan# 1468

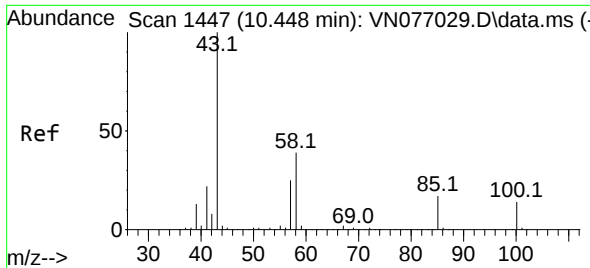
Delta R.T. 0.000 min

Lab File: VN077057.D

Acq: 18 Mar 2023 01:04

Tgt Ion:	98	Resp:	831185
Ion Ratio	Lower	Upper	
98	100		
100	64.7	51.6	77.4





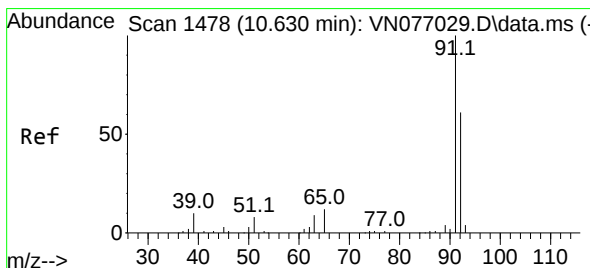
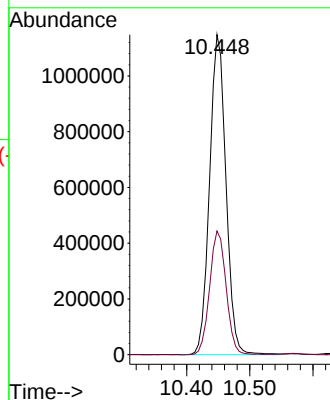
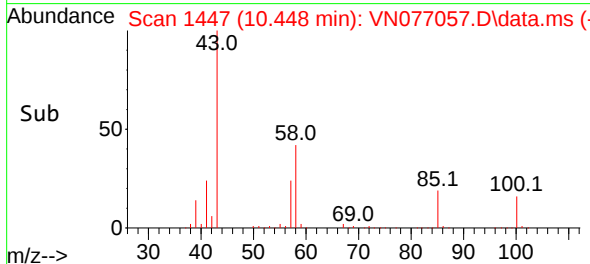
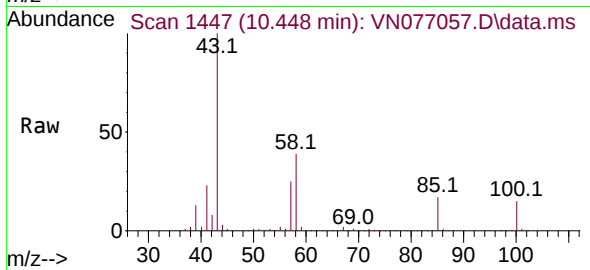
#51
4-Methyl-2-Pentanone
Concen: 287.520 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 2067340
Ion Ratio Lower Upper
43 100
58 39.0 31.1 46.7

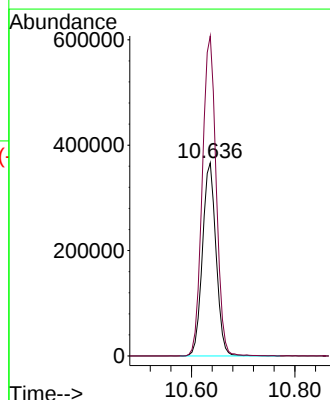
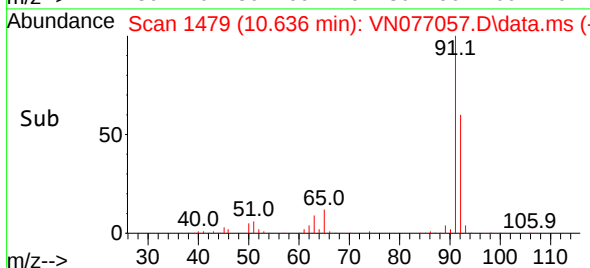
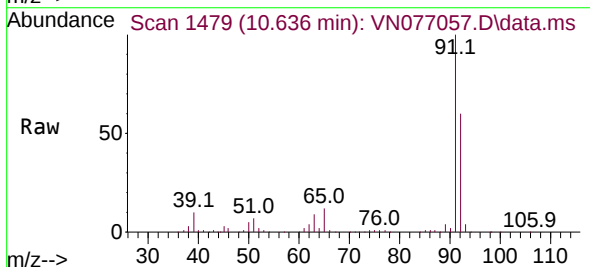
Manual Integrations
APPROVED

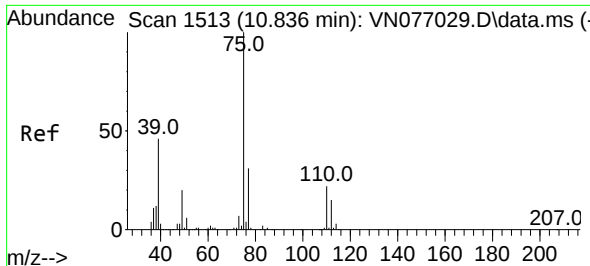
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#52
Toluene
Concen: 53.384 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

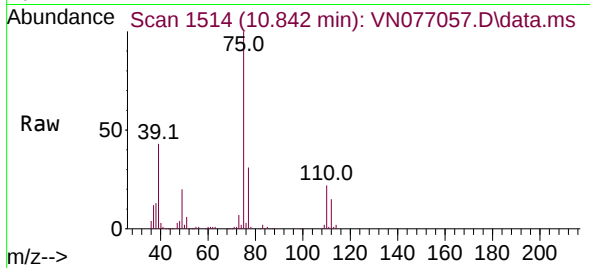
Tgt Ion: 92 Resp: 667802
Ion Ratio Lower Upper
92 100
91 169.2 135.8 203.8





#53
t-1,3-Dichloropropene
Concen: 52.950 ug/l
RT: 10.842 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

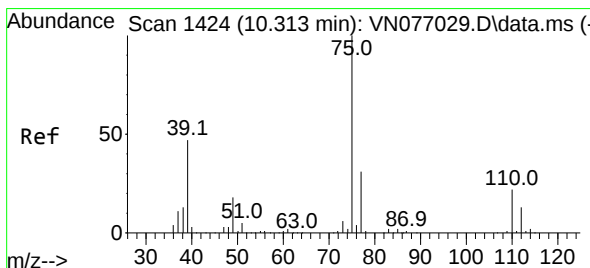
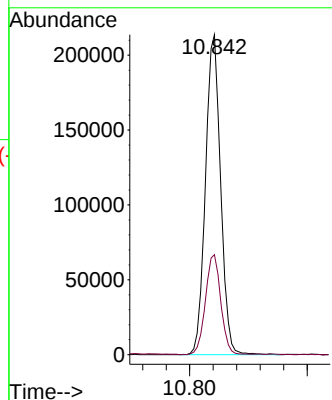
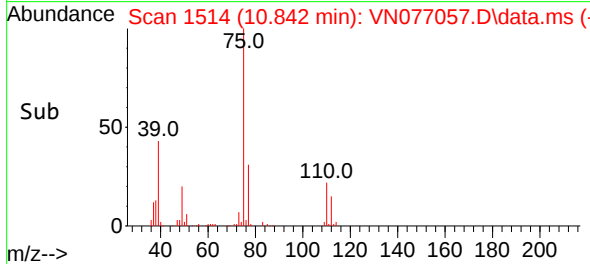
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 381970
Ion Ratio Lower Upper
75 100
77 31.2 25.1 37.7

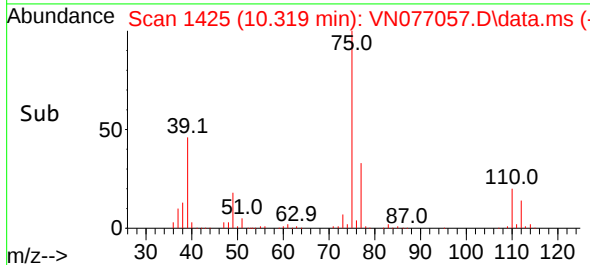
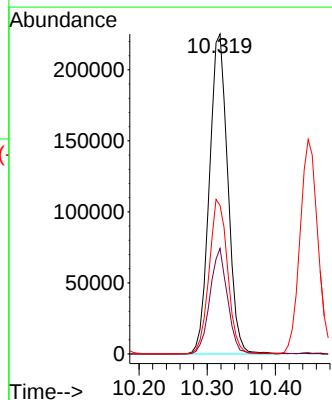
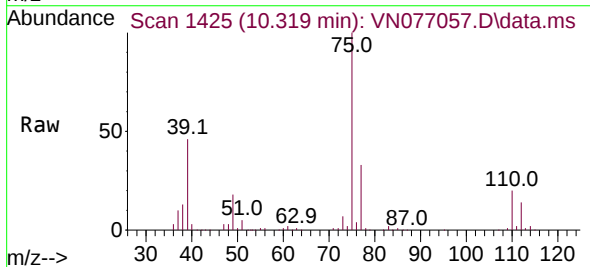
Manual Integrations
APPROVED

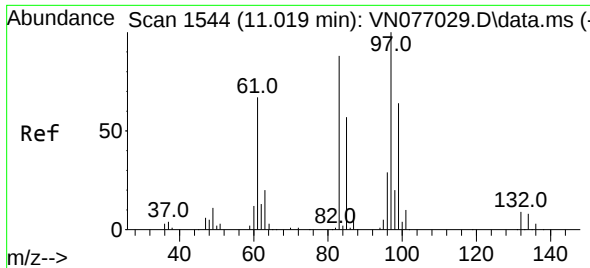
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#54
cis-1,3-Dichloropropene
Concen: 51.953 ug/l
RT: 10.319 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

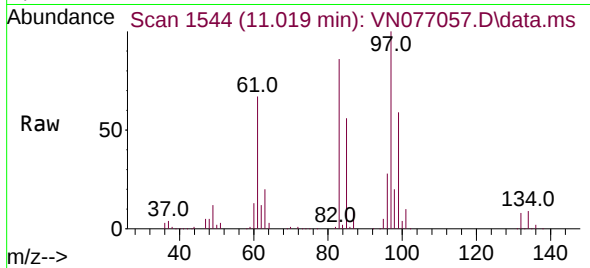
Tgt Ion: 75 Resp: 422864
Ion Ratio Lower Upper
75 100
77 33.0 24.5 36.7
39 46.3 37.8 56.6





#55
1,1,2-Trichloroethane
Concen: 52.995 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

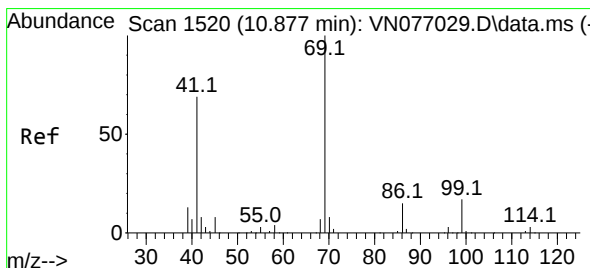
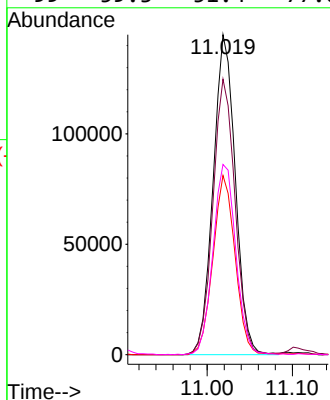
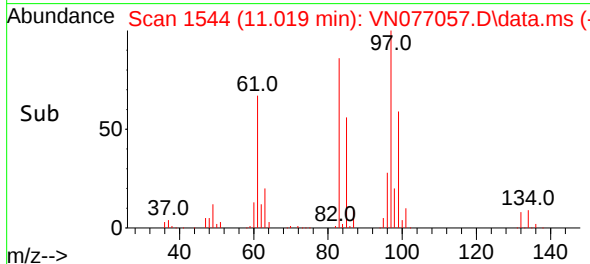
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



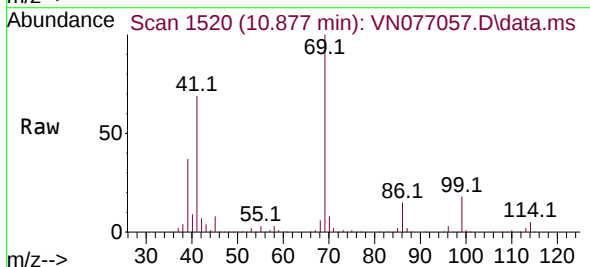
Tgt Ion: 97 Resp: 261411
Ion Ratio Lower Upper
97 100
83 86.1 70.5 105.7
85 56.0 45.4 68.2
99 59.3 51.4 77.0

Manual Integrations
APPROVED

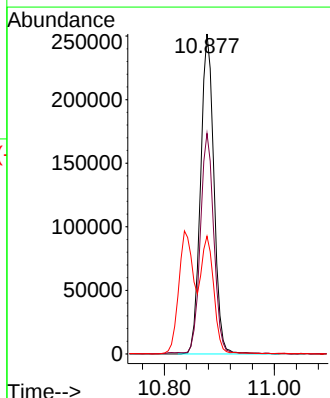
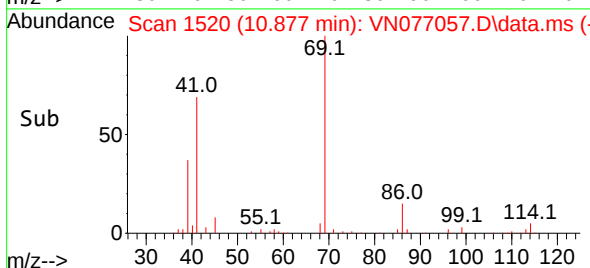
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

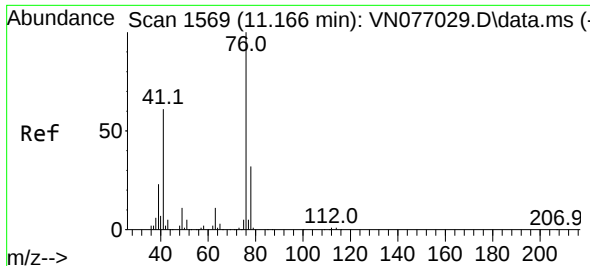


#56
Ethyl methacrylate
Concen: 57.193 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04



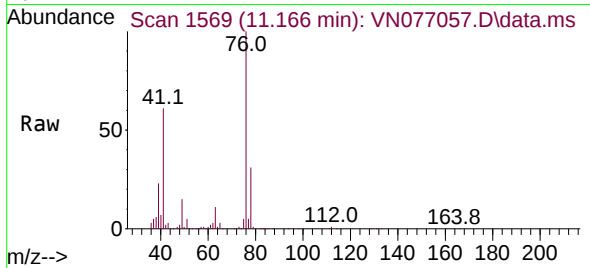
Tgt Ion: 69 Resp: 424237
Ion Ratio Lower Upper
69 100
41 68.8 54.9 82.3
39 34.7 26.6 40.0





#57
1,3-Dichloropropane
Concen: 52.160 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

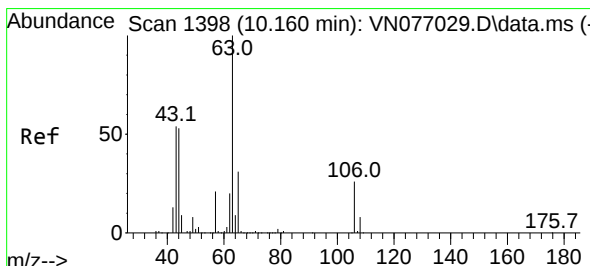
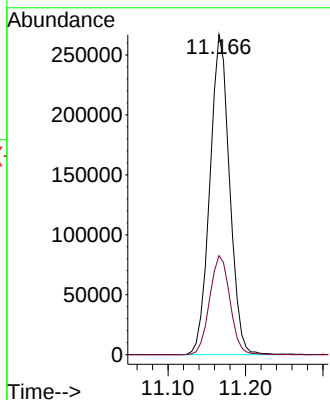
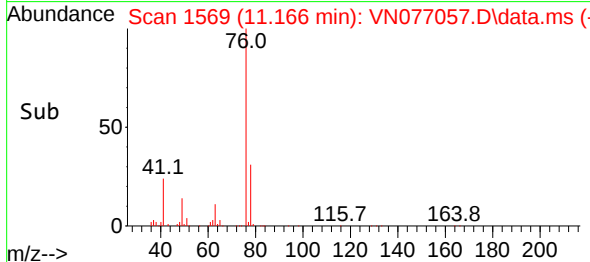
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 471072
Ion Ratio Lower Upper
76 100
78 32.0 25.3 37.9

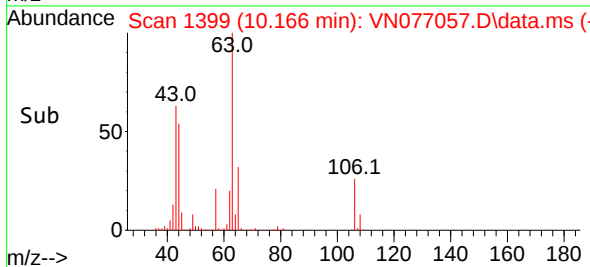
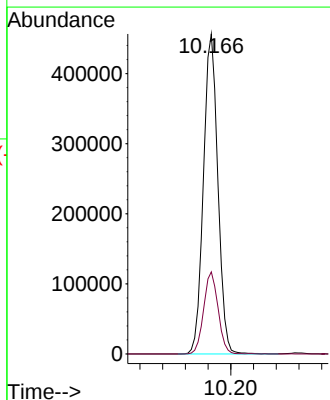
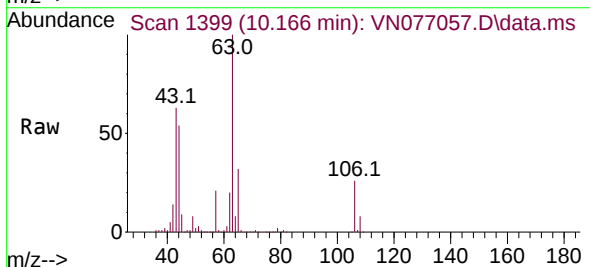
Manual Integrations
APPROVED

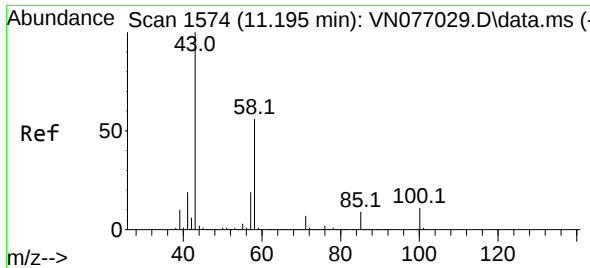
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#58
2-Chloroethyl Vinyl ether
Concen: 253.494 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

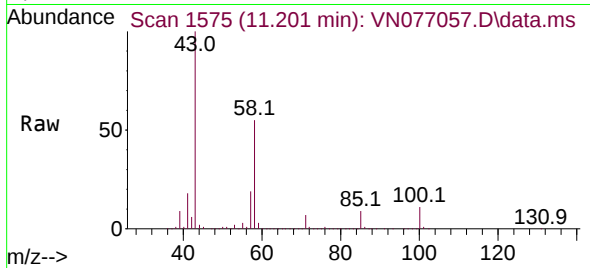
Tgt Ion: 63 Resp: 801631
Ion Ratio Lower Upper
63 100
106 25.6 20.6 31.0





#59
2-Hexanone
Concen: 292.252 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

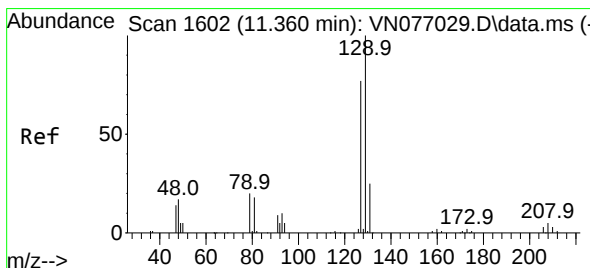
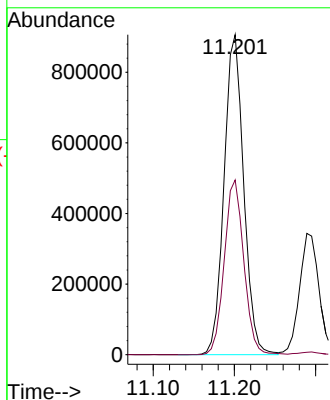
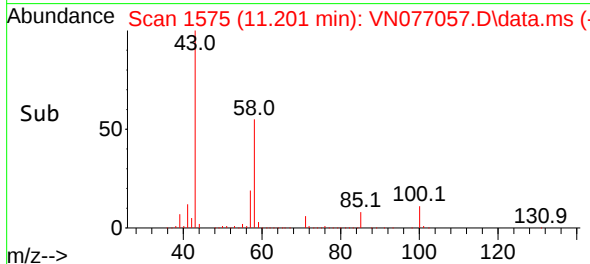
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



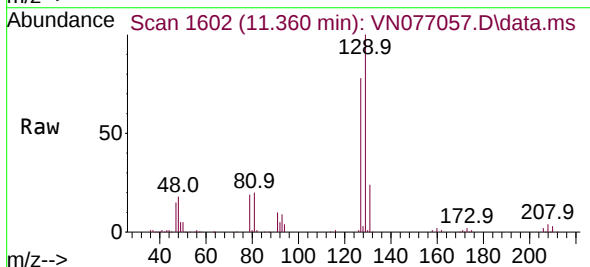
Tgt Ion: 43 Resp: 1524150
Ion Ratio Lower Upper
43 100
58 54.3 27.7 83.1

Manual Integrations
APPROVED

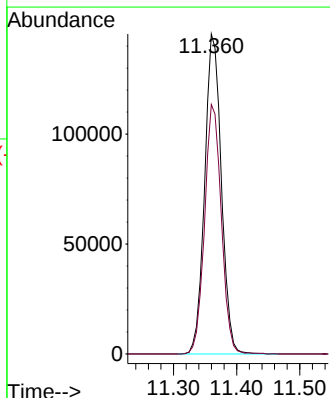
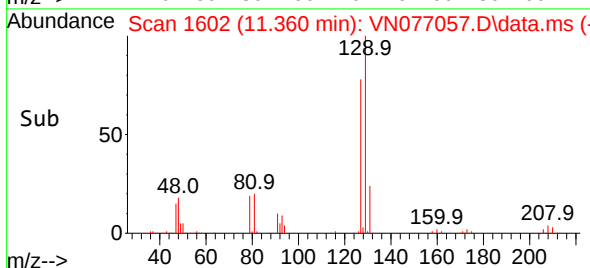
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

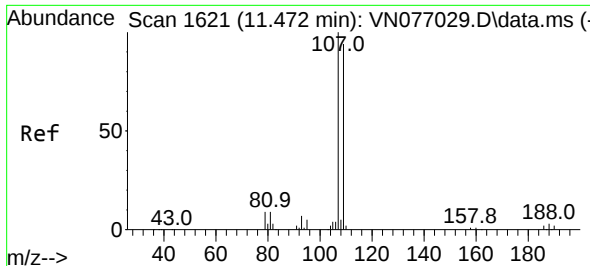


#60
Dibromochloromethane
Concen: 53.823 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04



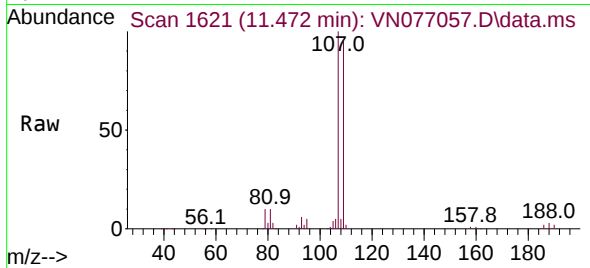
Tgt Ion:129 Resp: 266697
Ion Ratio Lower Upper
129 100
127 78.3 38.6 115.7





#61
1,2-Dibromoethane
Concen: 52.478 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

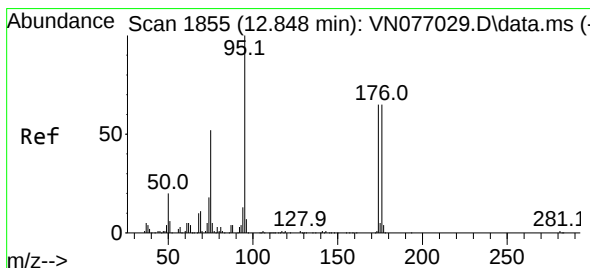
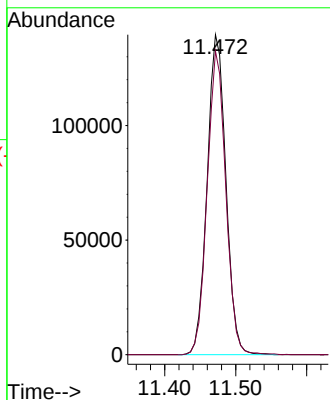
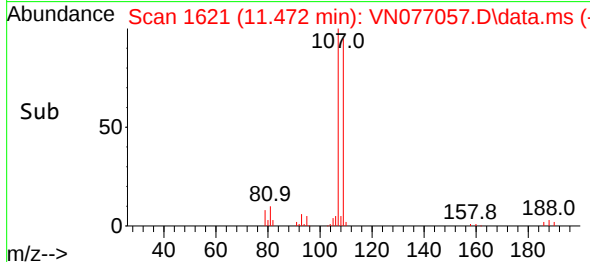
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



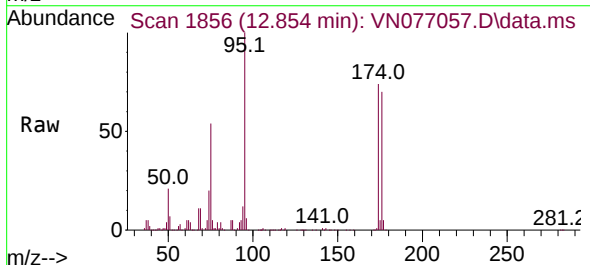
Tgt Ion:107 Resp: 256709
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4

Manual Integrations
APPROVED

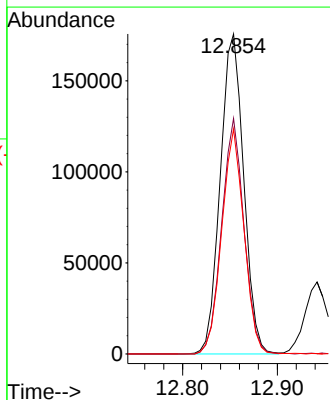
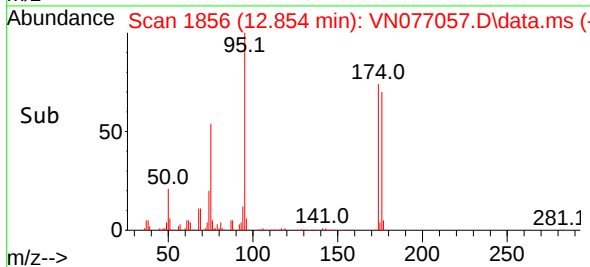
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

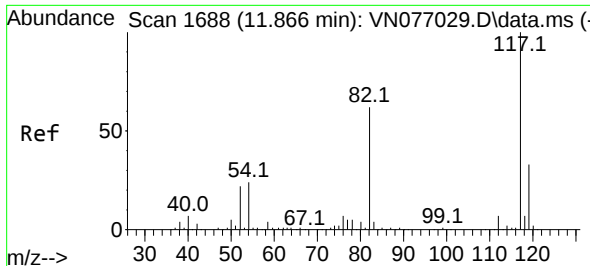


#62
4-Bromofluorobenzene
Concen: 54.131 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04



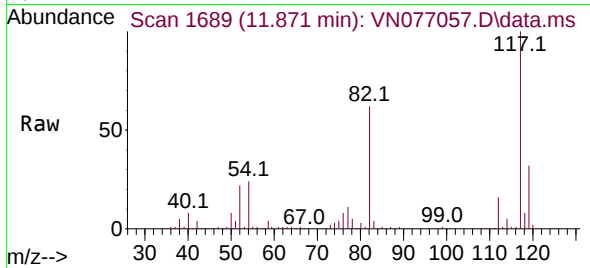
Tgt Ion: 95 Resp: 302210
Ion Ratio Lower Upper
95 100
174 70.0 0.0 136.6
176 66.8 0.0 130.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

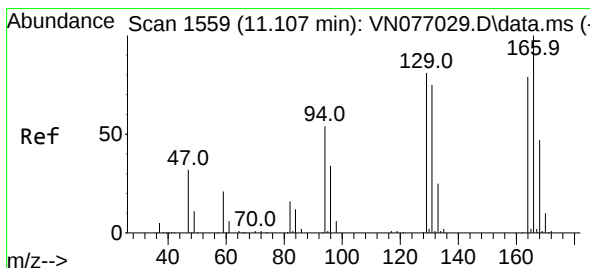
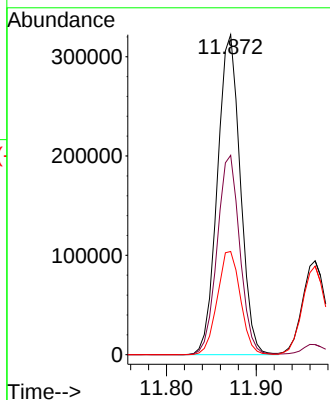
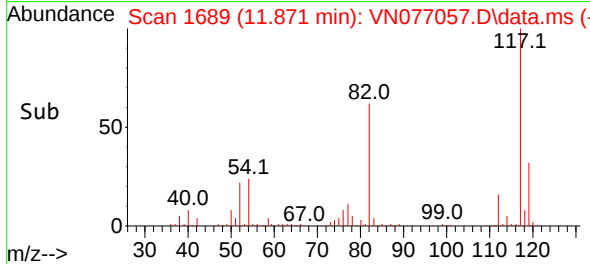
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 570490
Ion Ratio Lower Upper
117 100
82 62.3 49.4 74.0
119 32.2 26.5 39.7

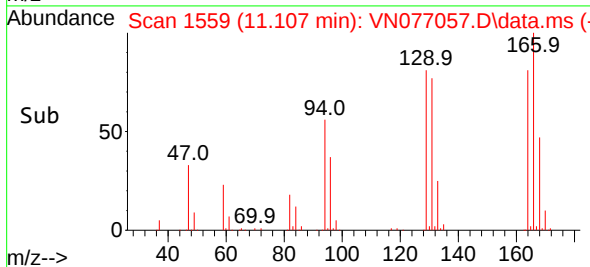
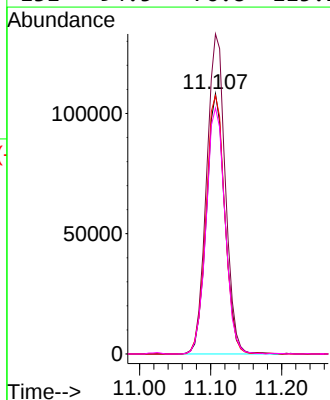
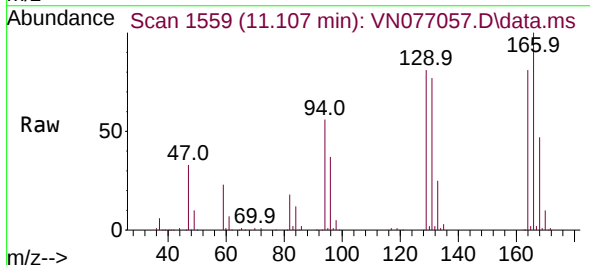
Manual Integrations
APPROVED

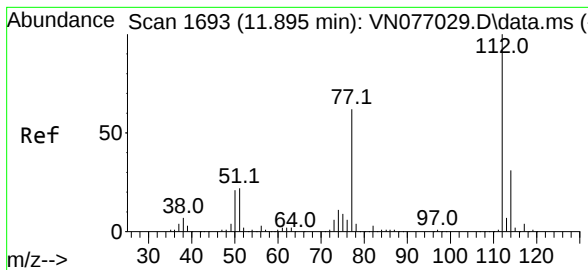
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#64
Tetrachloroethene
Concen: 50.723 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

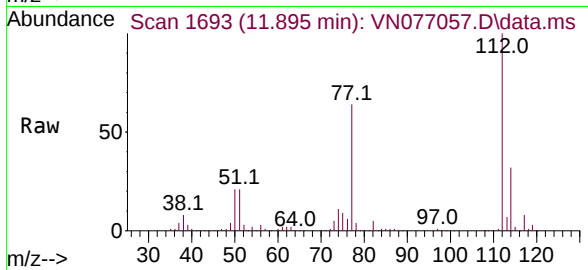
Tgt Ion:164 Resp: 194208
Ion Ratio Lower Upper
164 100
166 123.0 101.9 152.9
129 99.3 82.6 123.8
131 94.5 76.8 115.2





#65
Chlorobenzene
Concen: 50.726 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

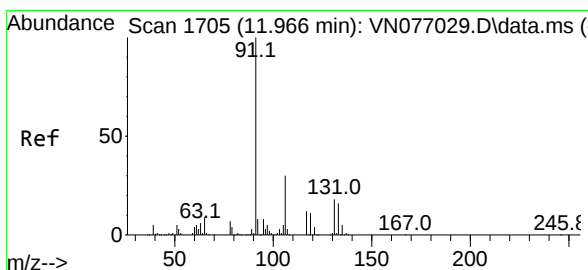
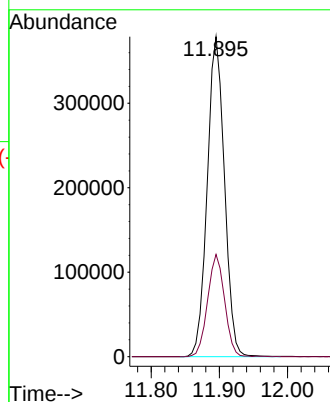
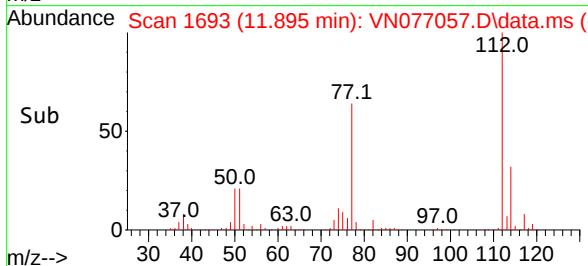
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



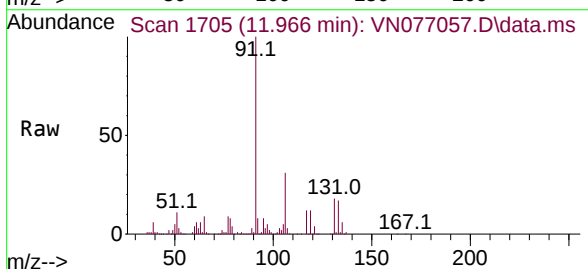
Tgt Ion:112 Resp: 665849
Ion Ratio Lower Upper
112 100
114 32.0 24.8 37.2

Manual Integrations
APPROVED

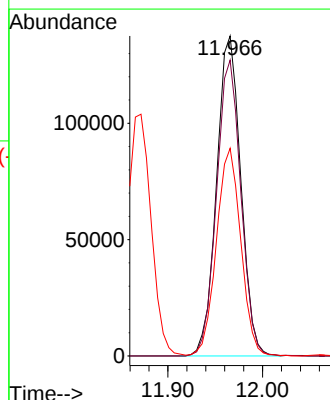
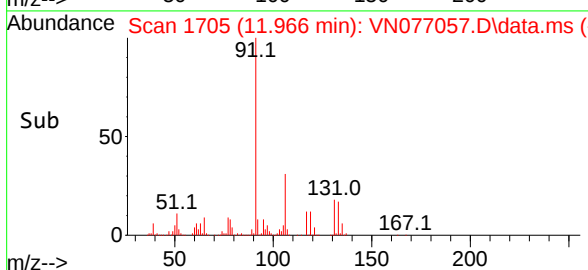
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

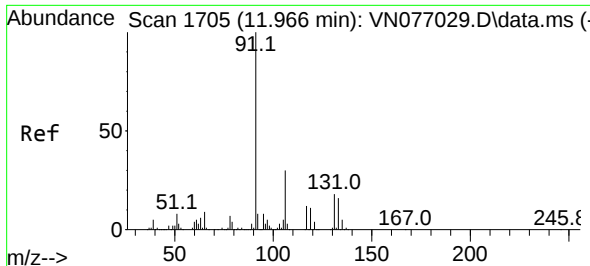


#66
1,1,1,2-Tetrachloroethane
Concen: 50.343 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04



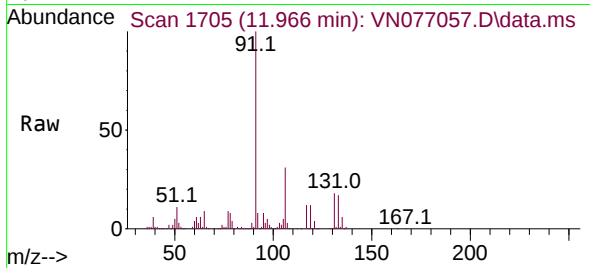
Tgt Ion:131 Resp: 244521
Ion Ratio Lower Upper
131 100
133 93.0 46.8 140.3
119 65.5 32.6 97.8





#67
Ethyl Benzene
Concen: 53.562 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

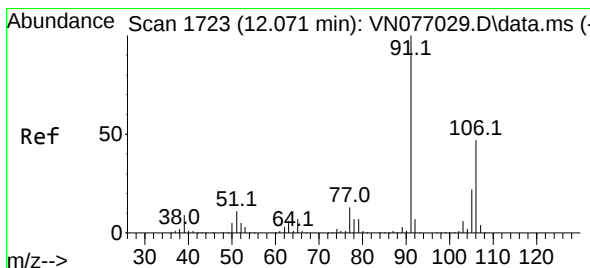
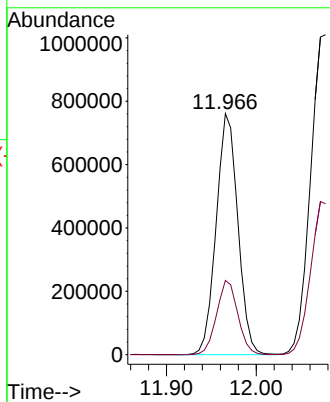
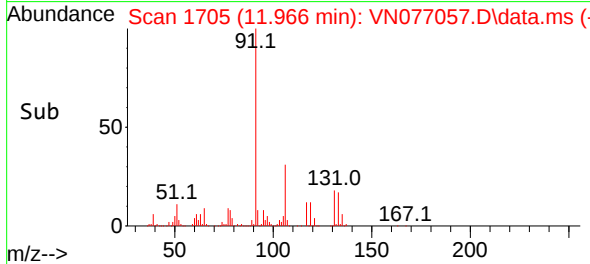
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



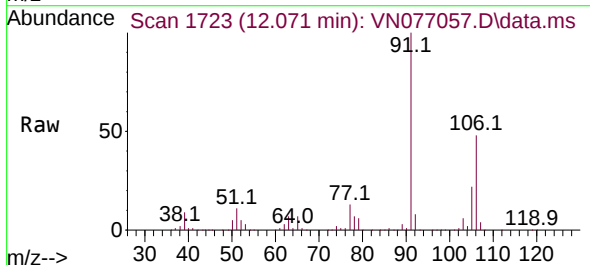
Tgt Ion: 91 Resp: 127707
Ion Ratio Lower Upper
91 100
106 30.8 24.3 36.5

Manual Integrations
APPROVED

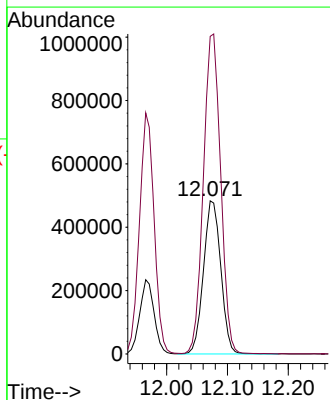
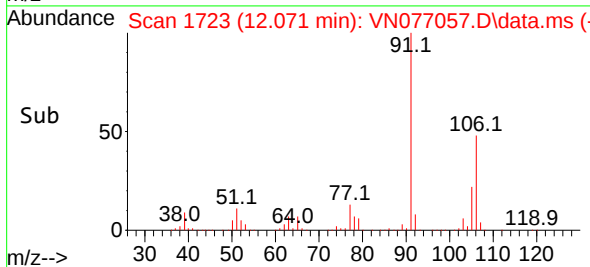
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

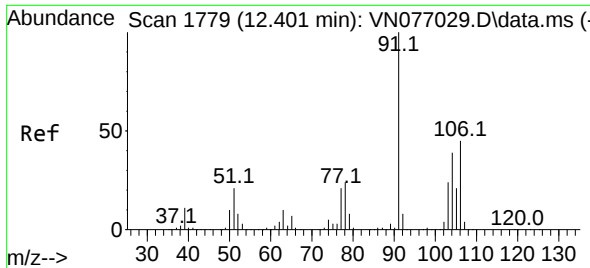


#68
m/p-Xylenes
Concen: 107.912 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04



Tgt Ion:106 Resp: 954201
Ion Ratio Lower Upper
106 100
91 209.0 168.0 252.0





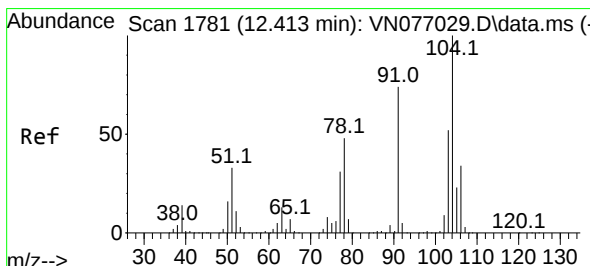
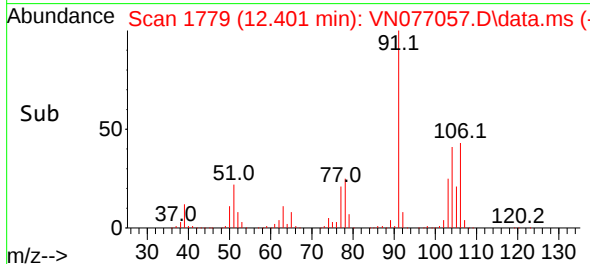
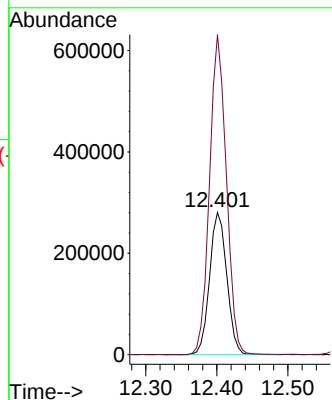
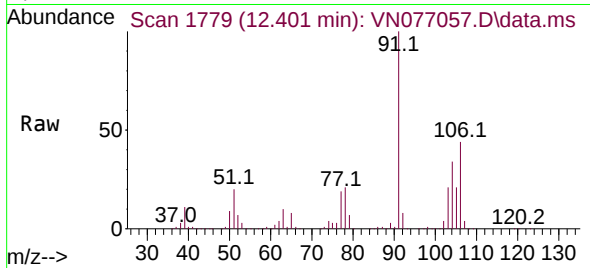
#69
o-Xylene
Concen: 53.813 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 47280
Ion Ratio Lower Upper
106 100
91 219.8 110.3 330.9

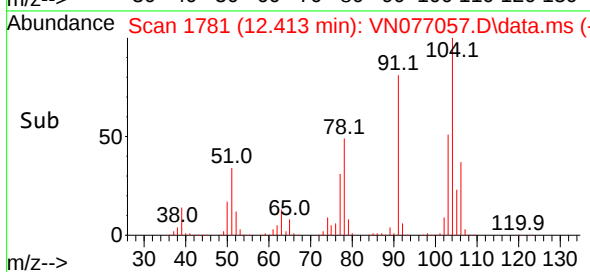
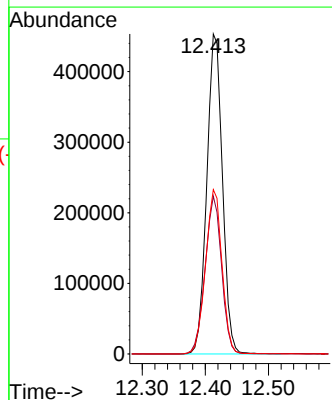
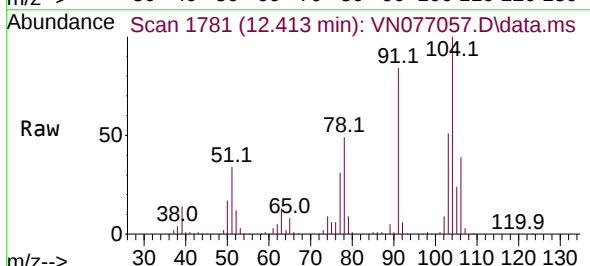
Manual Integrations
APPROVED

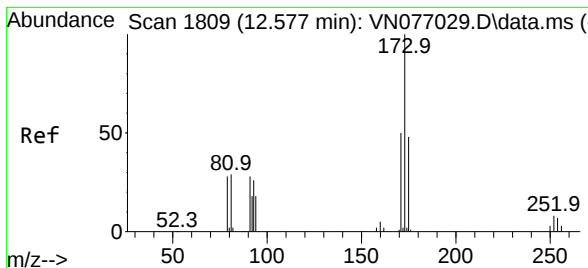
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#70
Styrene
Concen: 57.052 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

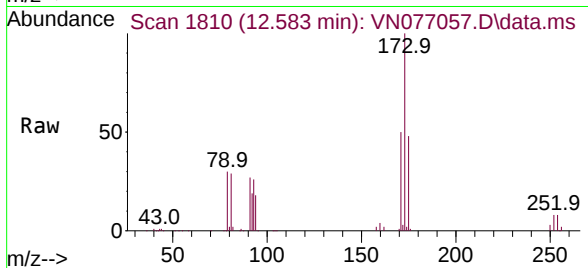
Tgt Ion:104 Resp: 780409
Ion Ratio Lower Upper
104 100
78 52.0 41.8 62.8
103 54.1 43.8 65.6





#71
Bromoform
Concen: 54.865 ug/l
RT: 12.583 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

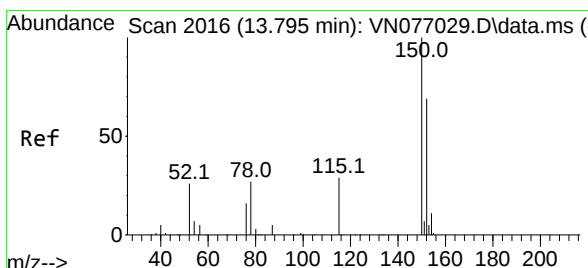
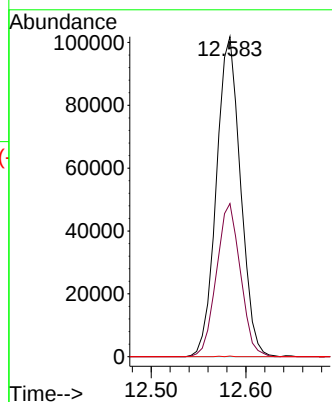
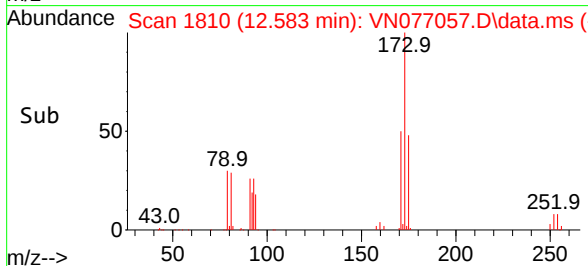
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



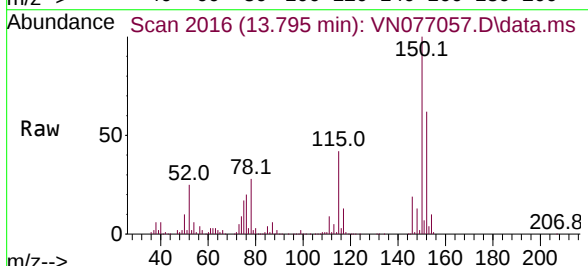
Tgt Ion:173 Resp: 18057
Ion Ratio Lower Upper
173 100
175 47.5 24.5 73.5
254 0.0 0.1 0.1

Manual Integrations
APPROVED

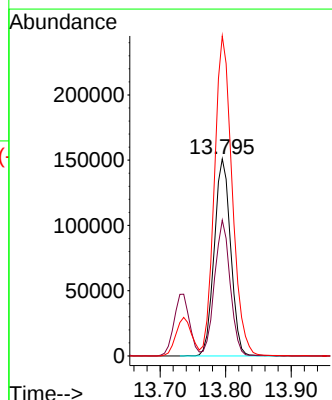
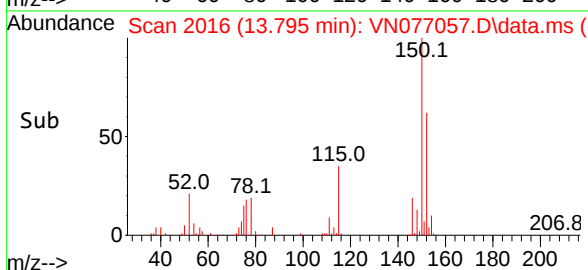
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

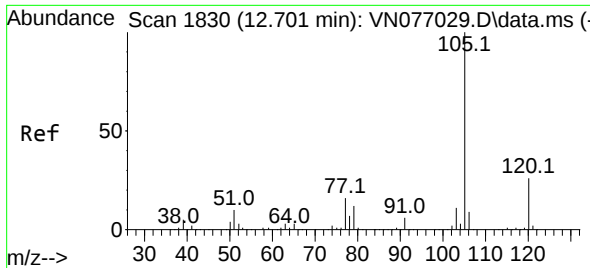


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04



Tgt Ion:152 Resp: 261168
Ion Ratio Lower Upper
152 100
115 65.2 31.9 95.7
150 176.2 0.0 348.0





#73
Isopropylbenzene
Concen: 52.344 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

Instrument :

MSVOA_N

ClientSampleId :

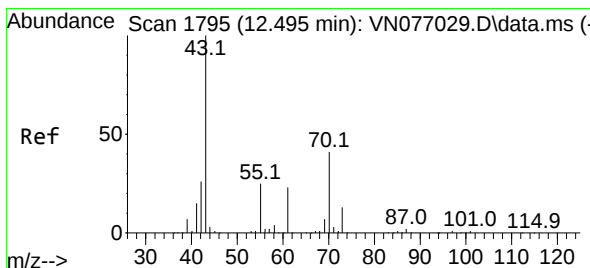
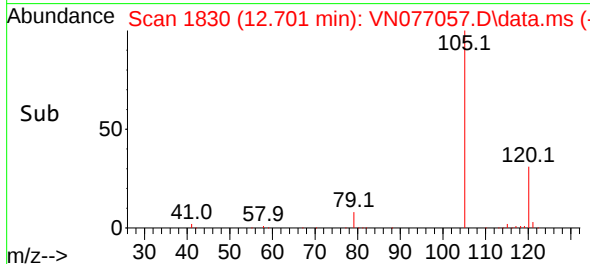
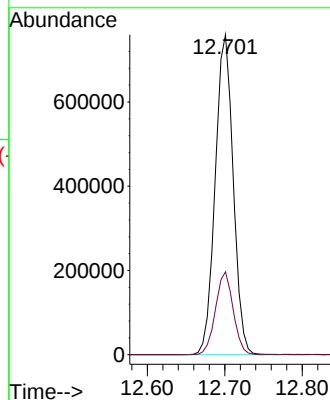
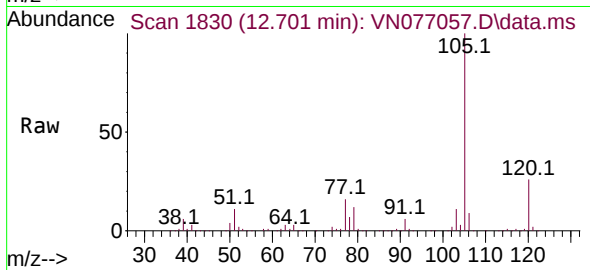
VSTDCCC050EC

Tgt Ion:105 Resp: 1225100
Ion Ratio Lower Upper
105 100
120 25.4 12.8 38.4

Manual Integrations

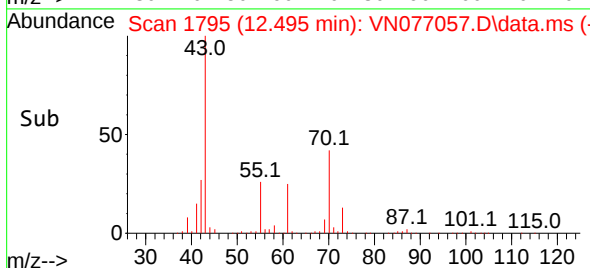
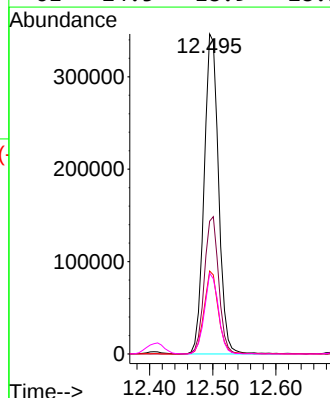
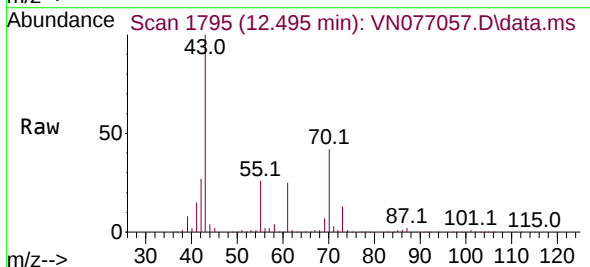
APPROVED

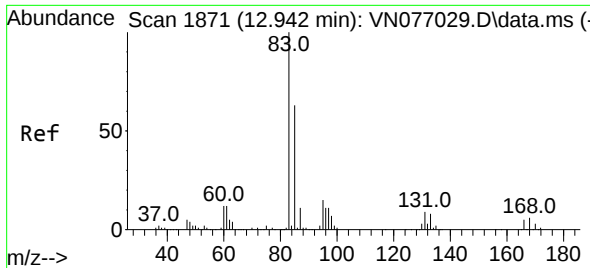
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#74
N-ethyl acetate
Concen: 54.343 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

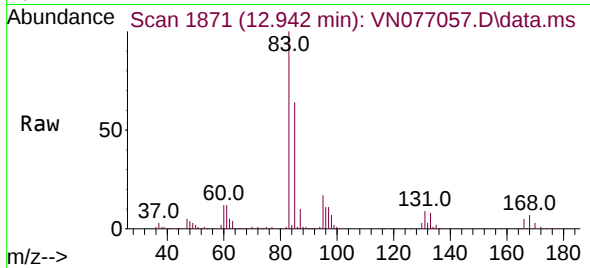
Tgt Ion: 43 Resp: 550521
Ion Ratio Lower Upper
43 100
70 42.8 33.6 50.4
55 25.5 20.3 30.5
61 24.5 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 47.665 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

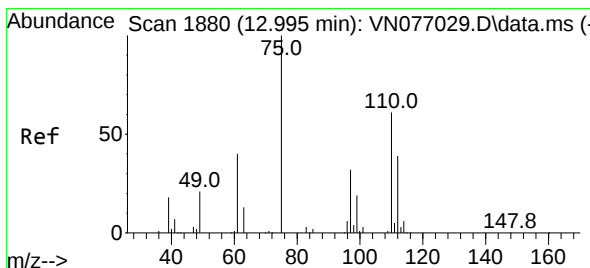
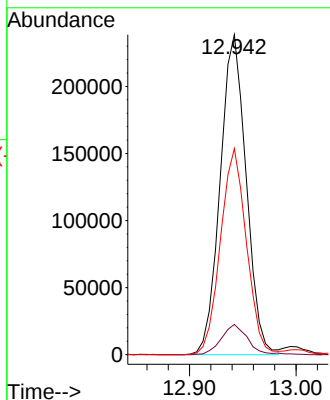
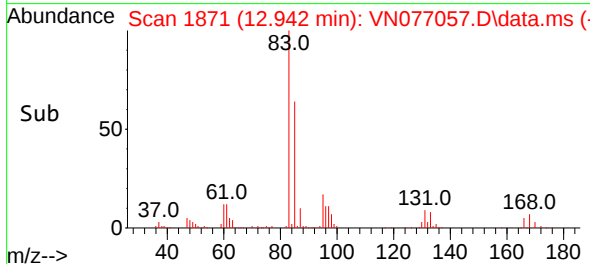
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 404172
Ion Ratio Lower Upper
83 100
131 9.6 4.5 13.7
85 64.4 31.9 95.9

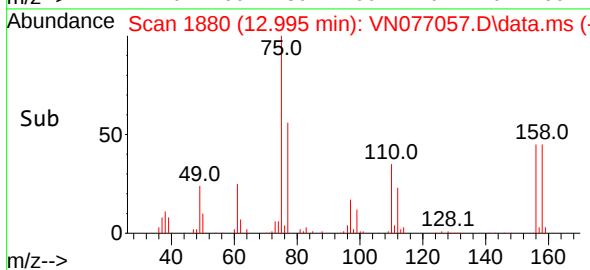
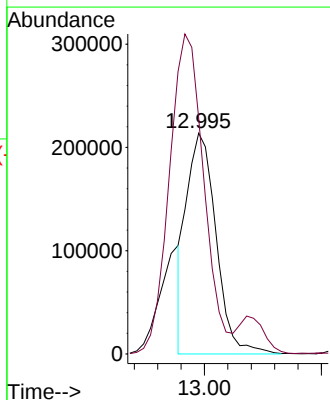
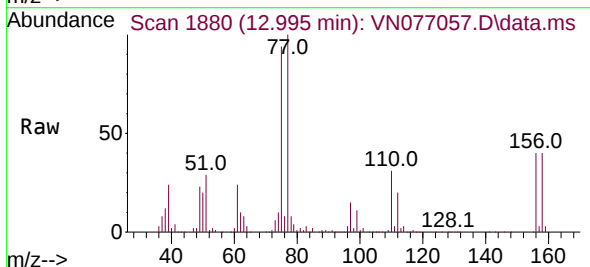
Manual Integrations
APPROVED

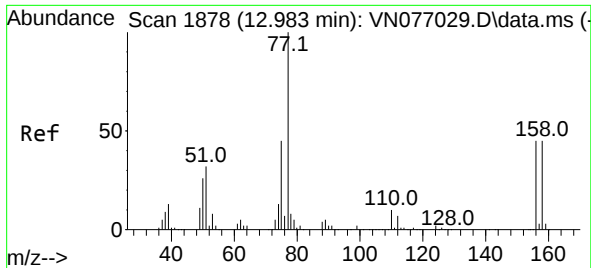
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#76
1,2,3-Trichloropropane
Concen: 55.669 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

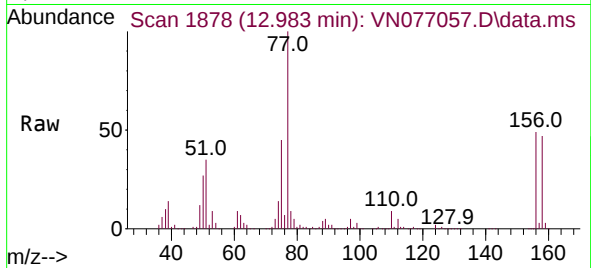
Tgt Ion: 75 Resp: 376067
Ion Ratio Lower Upper
75 100
77 169.7 107.3 322.0





#77
Bromobenzene
Concen: 49.792 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

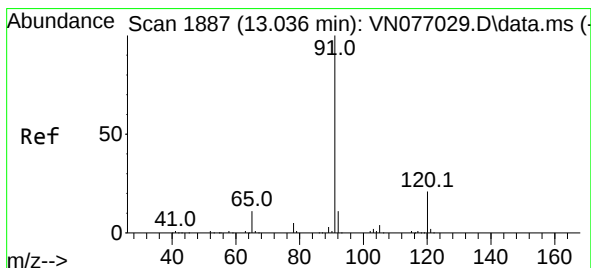
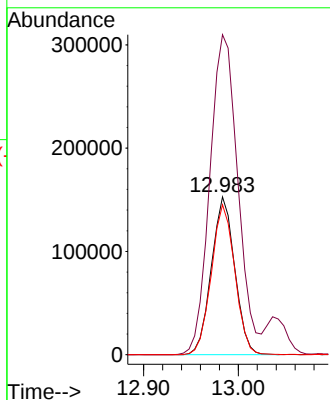
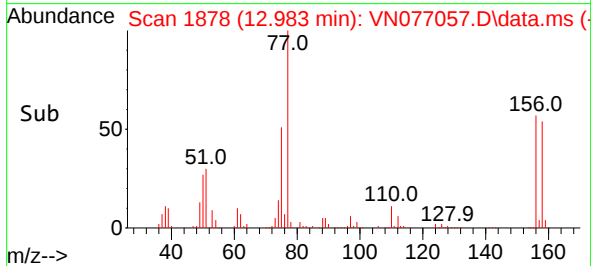
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 261062
Ion Ratio Lower Upper
156 100
77 244.4 124.8 374.3
158 95.9 48.6 145.9

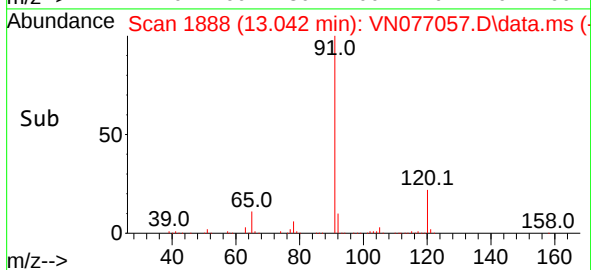
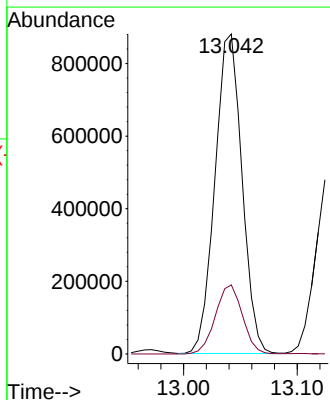
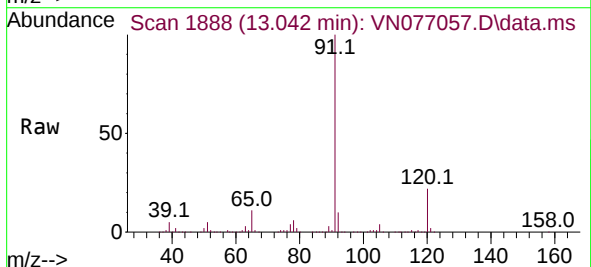
Manual Integrations
APPROVED

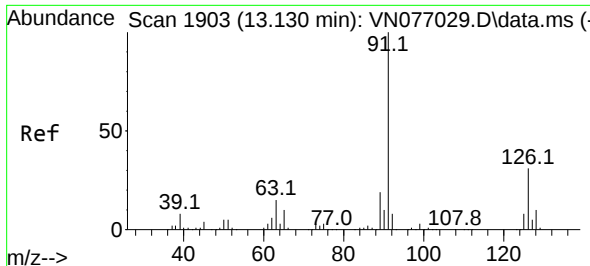
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#78
n-propylbenzene
Concen: 53.869 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

Tgt Ion: 91 Resp: 1455472
Ion Ratio Lower Upper
91 100
120 21.6 10.8 32.3





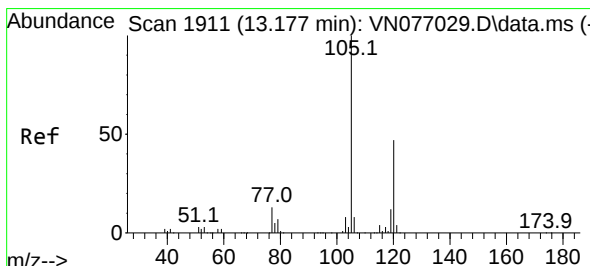
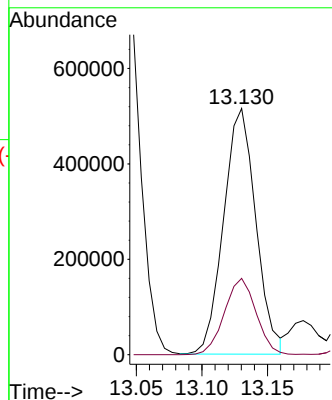
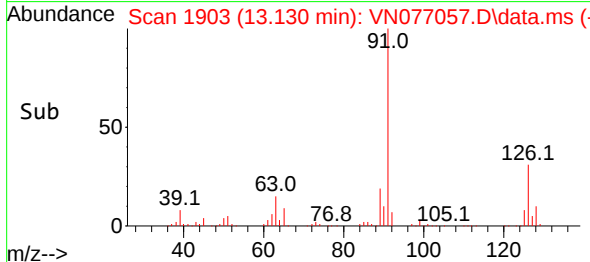
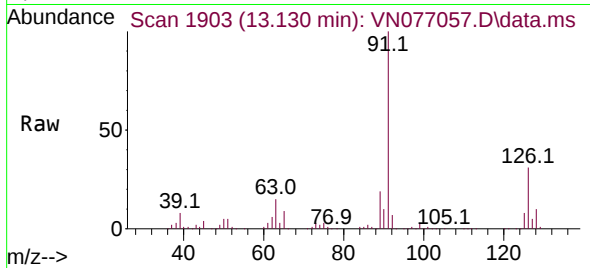
#79
2-Chlorotoluene
Concen: 51.225 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 88190
Ion Ratio Lower Upper
91 100
126 30.5 15.2 45.5

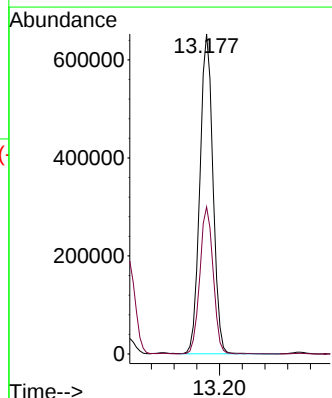
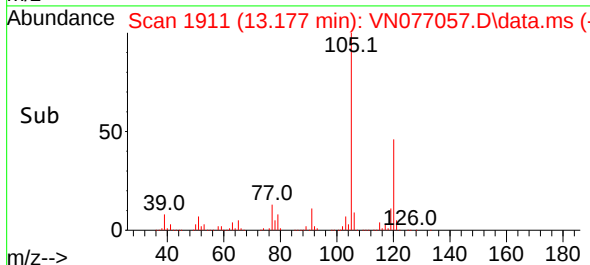
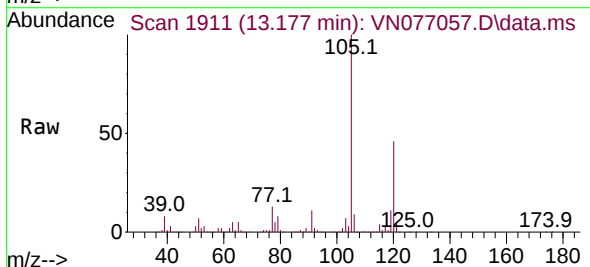
Manual Integrations
APPROVED

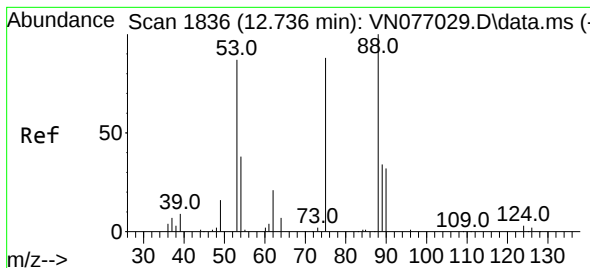
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 53.482 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

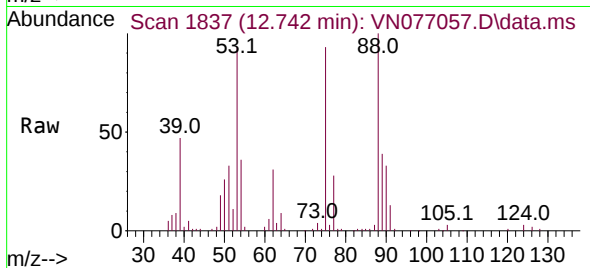
Tgt Ion:105 Resp: 1045090
Ion Ratio Lower Upper
105 100
120 46.5 23.4 70.2





#81
trans-1,4-Dichloro-2-butene
Concen: 47.225 ug/l
RT: 12.742 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

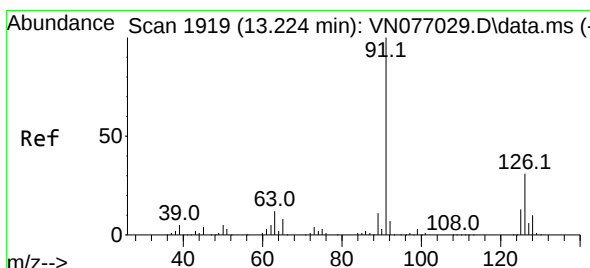
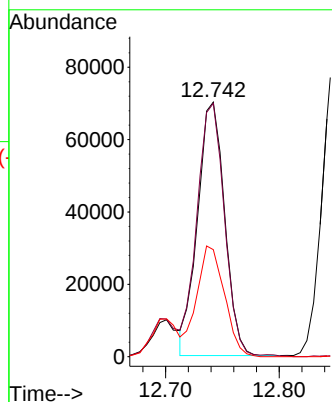
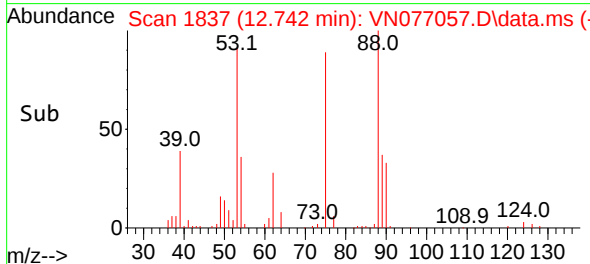
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



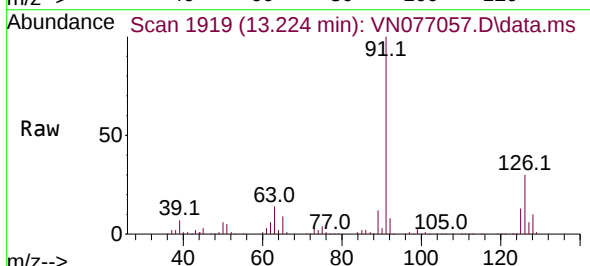
Tgt Ion: 75 Resp: 11590
Ion Ratio Lower Upper
75 100
53 102.0 80.8 121.2
89 45.1 34.2 51.4

Manual Integrations
APPROVED

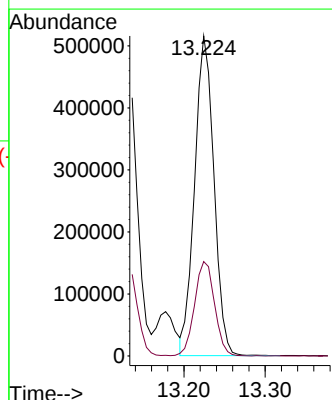
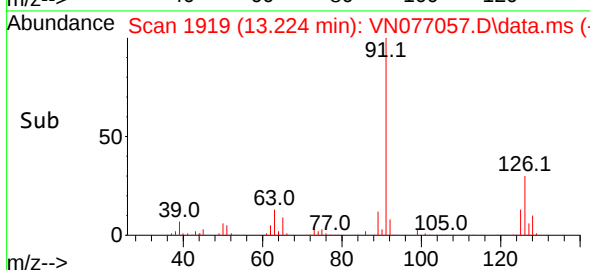
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

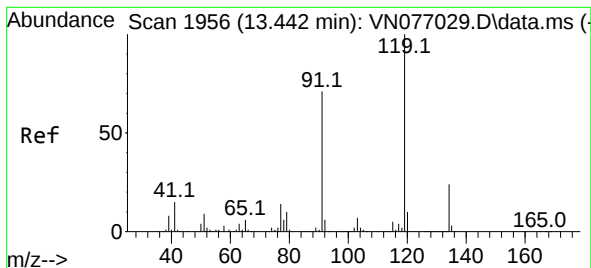


#82
4-Chlorotoluene
Concen: 52.008 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04



Tgt Ion: 91 Resp: 851442
Ion Ratio Lower Upper
91 100
126 30.6 15.5 46.5





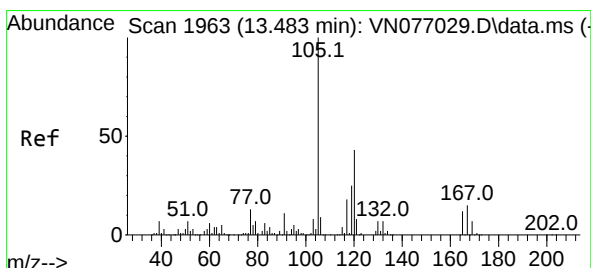
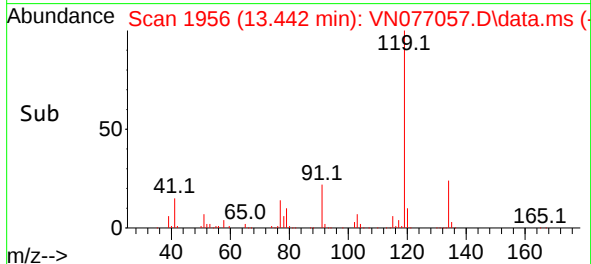
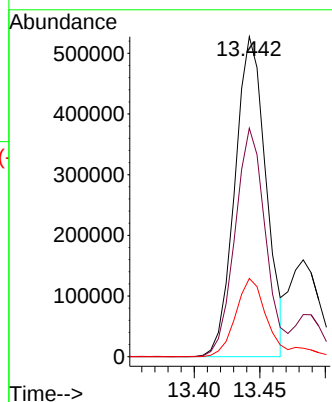
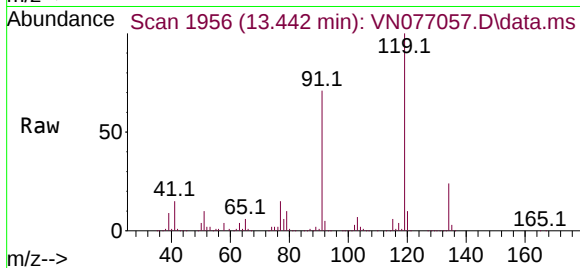
#83
tert-Butylbenzene
Concen: 53.100 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 871198
Ion Ratio Lower Upper
119 100
91 70.6 35.8 107.3
134 26.0 13.3 39.8

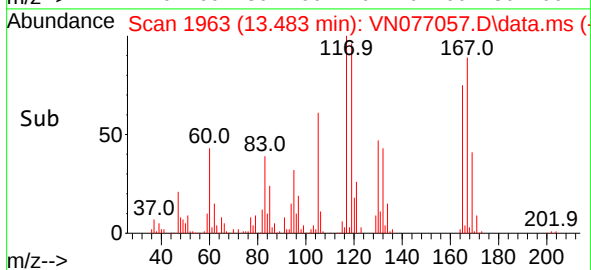
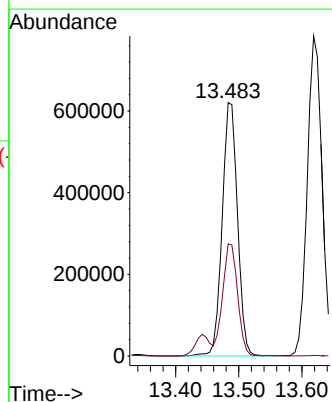
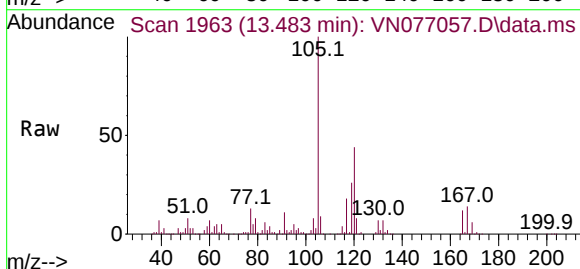
Manual Integrations
APPROVED

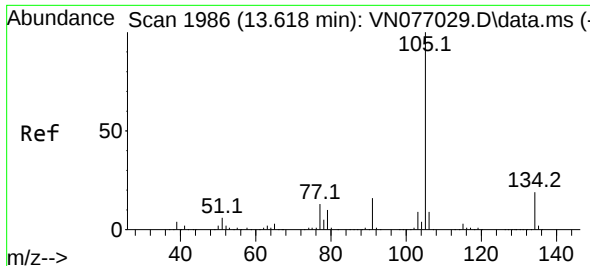
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#84
1,2,4-Trimethylbenzene
Concen: 53.611 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

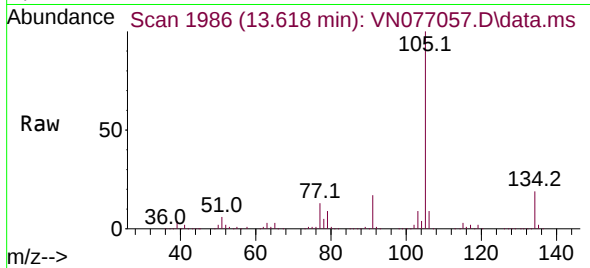
Tgt Ion:105 Resp: 1045440
Ion Ratio Lower Upper
105 100
120 43.0 21.8 65.3





#85
 sec-Butylbenzene
 Concen: 54.445 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077057.D
 Acq: 18 Mar 2023 01:04

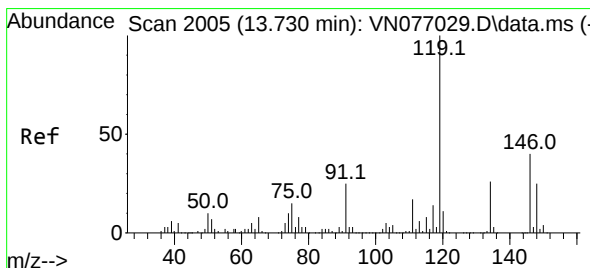
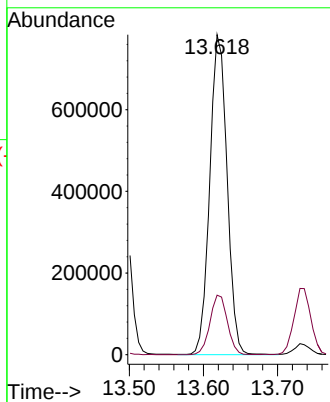
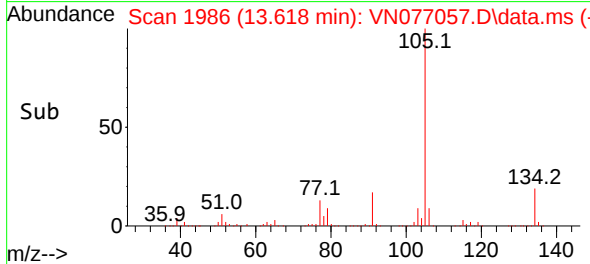
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



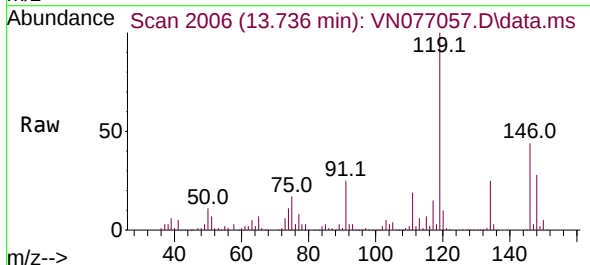
Tgt Ion:105 Resp: 127066
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.3 27.9

Manual Integrations
 APPROVED

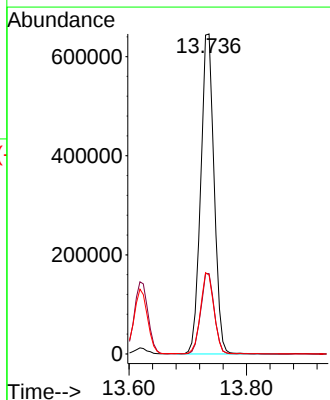
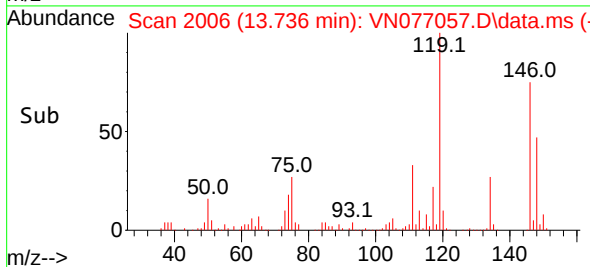
Reviewed By :John Carlone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023

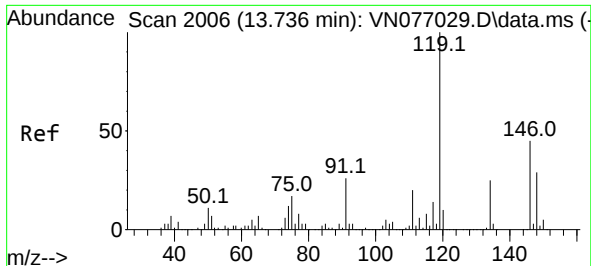


#86
 p-Isopropyltoluene
 Concen: 54.545 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077057.D
 Acq: 18 Mar 2023 01:04



Tgt Ion:119 Resp: 1022297
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.4
 91 25.4 12.7 38.1





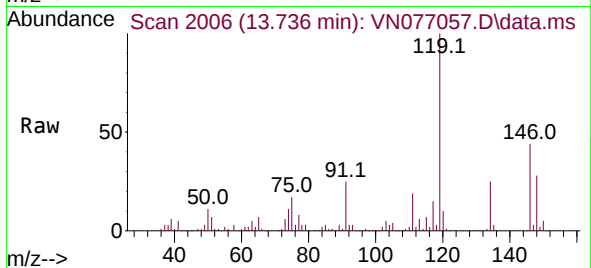
#87
1,3-Dichlorobenzene
Concen: 49.050 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



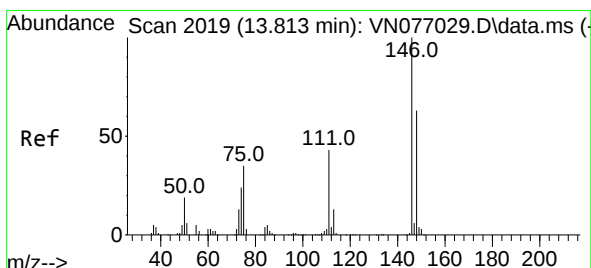
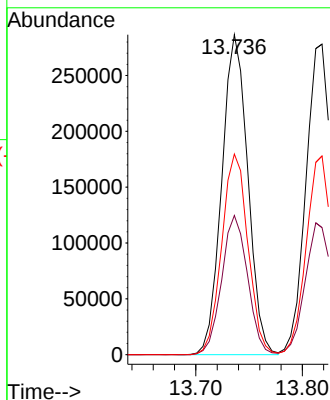
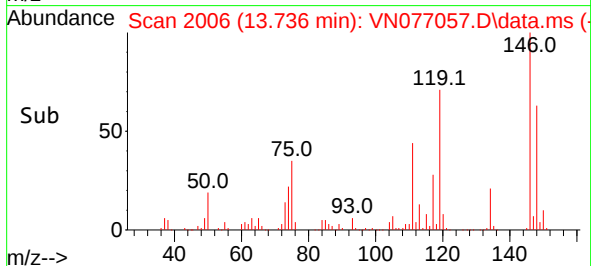
Tgt Ion:146 Resp: 48604
Ion Ratio Lower Upper
146 100
111 43.3 21.9 65.5
148 63.2 32.1 96.5

Manual Integrations

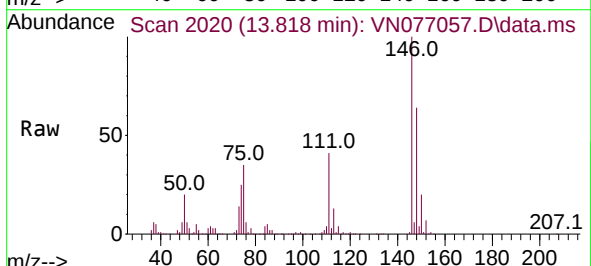
APPROVED

Reviewed By :John Carlone 03/20/2023

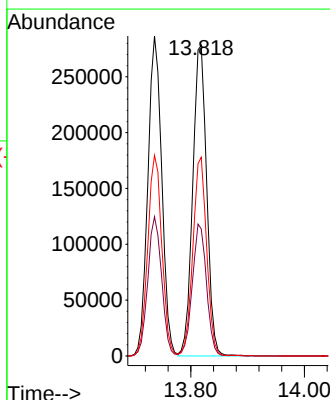
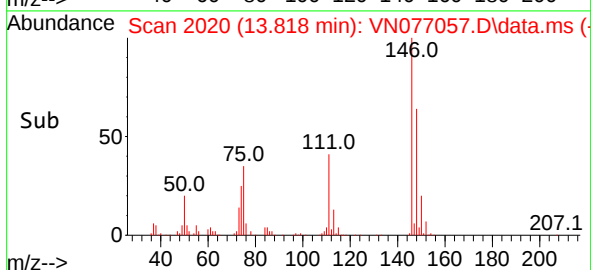
Supervised By :Mahesh Dadoda 03/20/2023

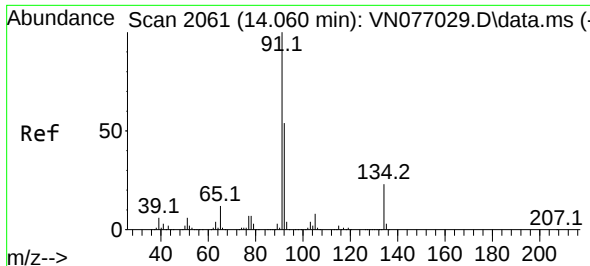


#88
1,4-Dichlorobenzene
Concen: 48.472 ug/l
RT: 13.818 min Scan# 2020
Delta R.T. 0.006 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04



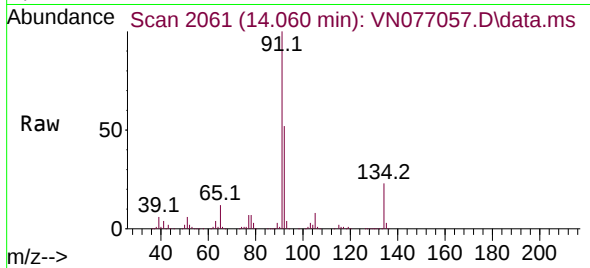
Tgt Ion:146 Resp: 477890
Ion Ratio Lower Upper
146 100
111 42.6 21.5 64.5
148 62.5 31.9 95.9





#89
n-Butylbenzene
Concen: 54.039 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

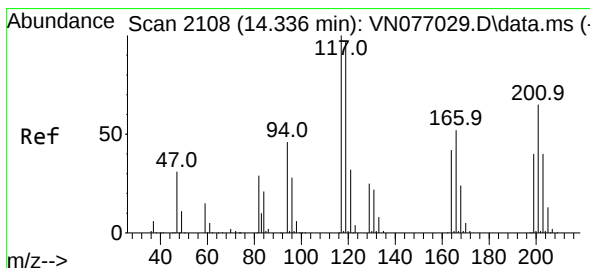
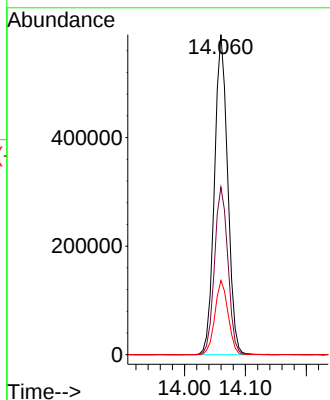
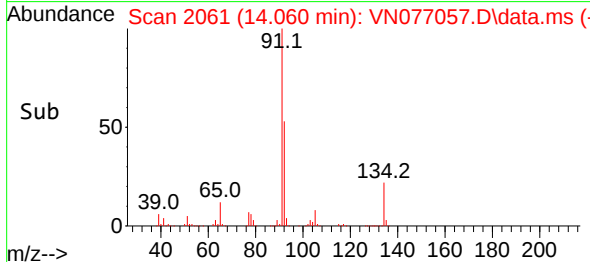
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 88852
Ion Ratio Lower Upper
91 100
92 53.1 26.5 79.5
134 23.2 11.7 35.1

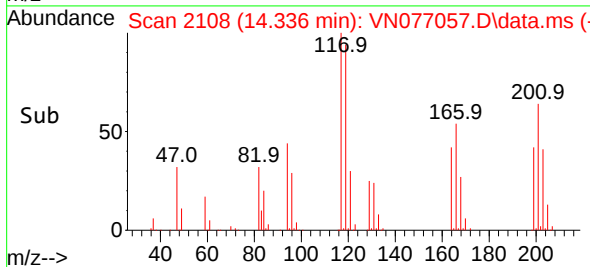
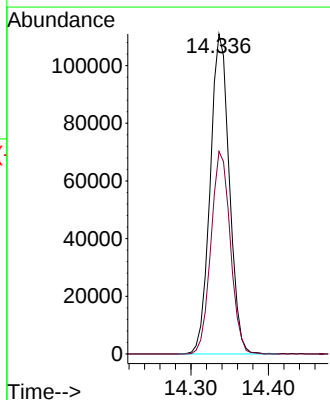
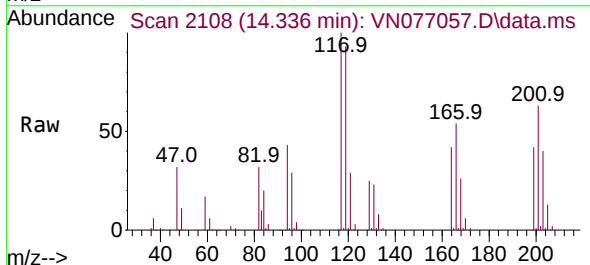
Manual Integrations
APPROVED

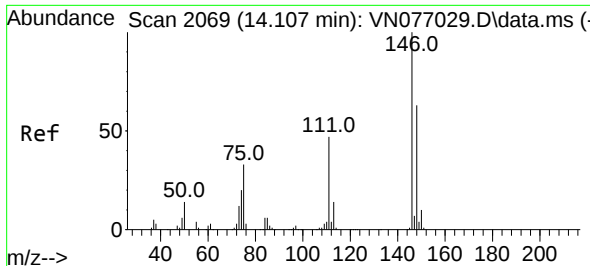
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#90
Hexachloroethane
Concen: 49.835 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

Tgt Ion:117 Resp: 189898
Ion Ratio Lower Upper
117 100
201 64.1 32.5 97.4





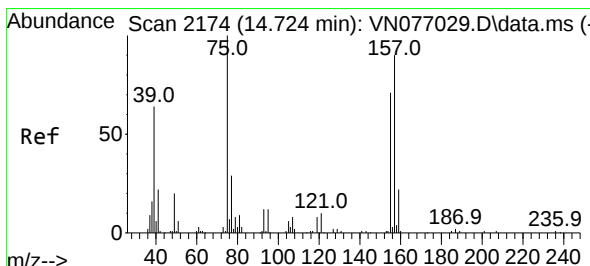
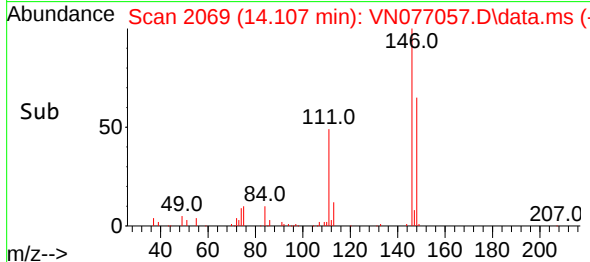
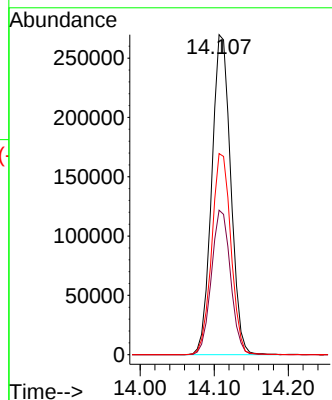
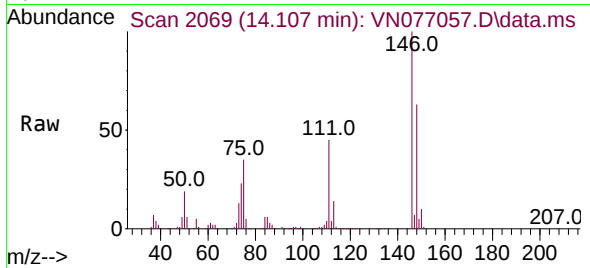
#91
1,2-Dichlorobenzene
Concen: 48.518 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 479220
Ion Ratio Lower Upper
146 100
111 45.6 22.6 67.7
148 63.7 31.6 95.0

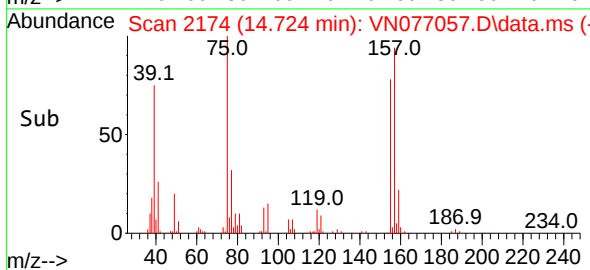
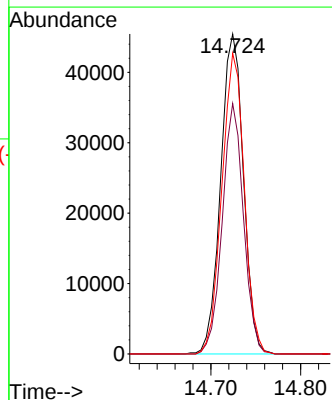
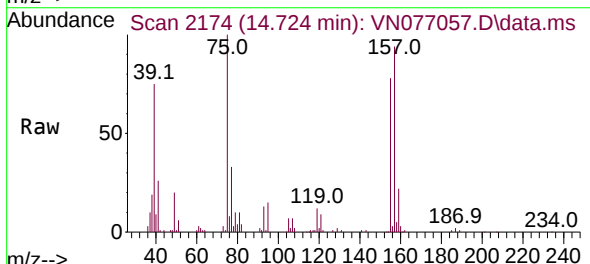
Manual Integrations
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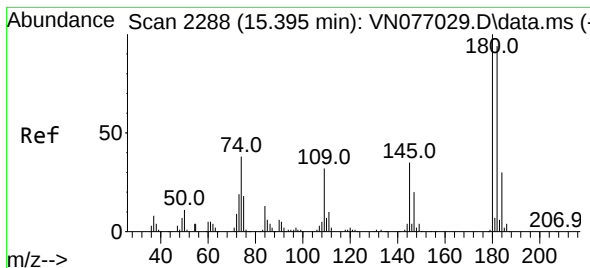
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.925 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

Tgt Ion: 75 Resp: 80014
Ion Ratio Lower Upper
75 100
155 73.1 36.1 108.3
157 92.0 45.8 137.3





#93

1,2,4-Trichlorobenzene

Concen: 53.676 ug/l

RT: 15.401 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN077057.D

Acq: 18 Mar 2023 01:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 239674

Ion Ratio Lower Upper

180 100

182 93.4 47.3 141.9

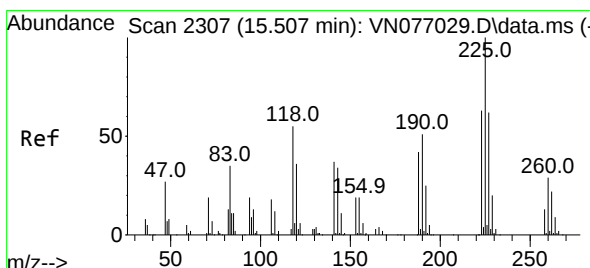
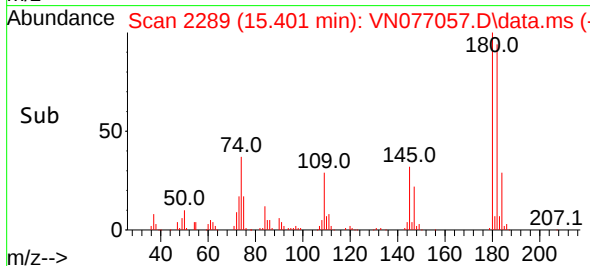
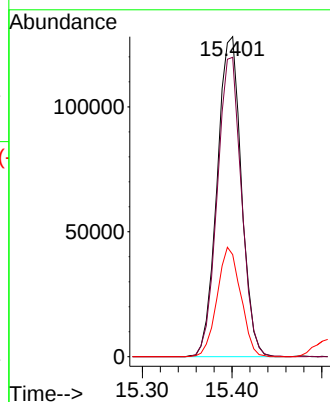
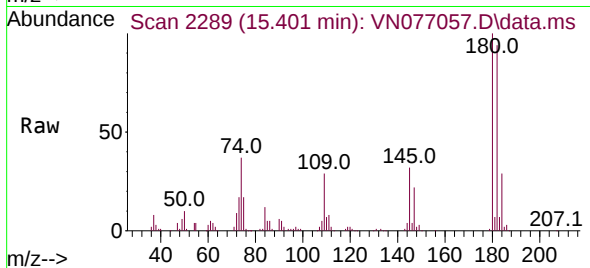
145 33.4 16.9 50.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#94

Hexachlorobutadiene

Concen: 47.002 ug/l

RT: 15.507 min Scan# 2307

Delta R.T. 0.000 min

Lab File: VN077057.D

Acq: 18 Mar 2023 01:04

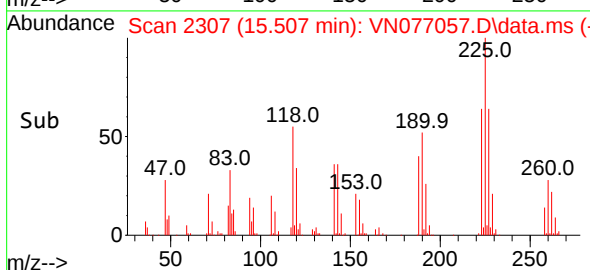
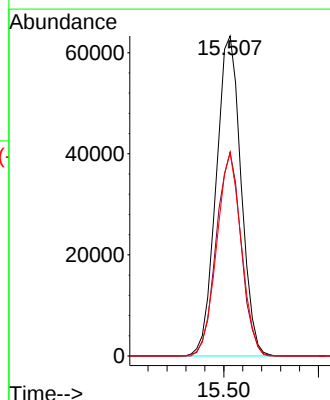
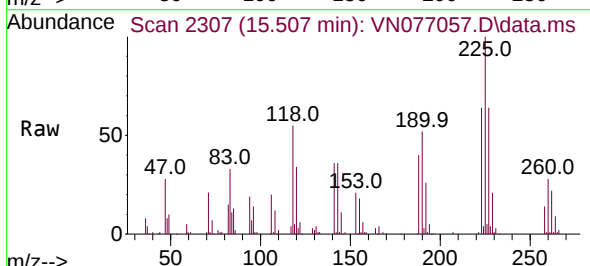
Tgt Ion:225 Resp: 115582

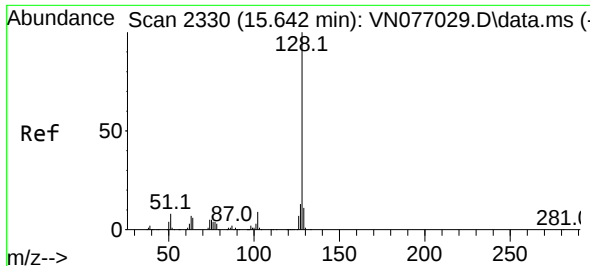
Ion Ratio Lower Upper

225 100

223 63.6 31.6 95.0

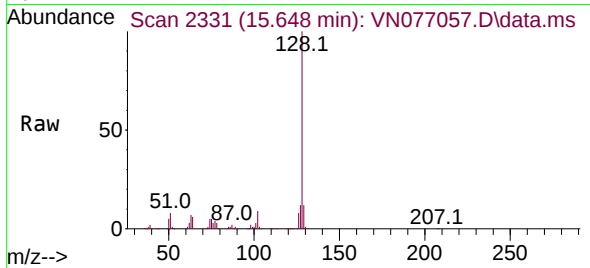
227 62.6 31.3 93.8





#95
Naphthalene
Concen: 49.236 ug/l
RT: 15.648 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04

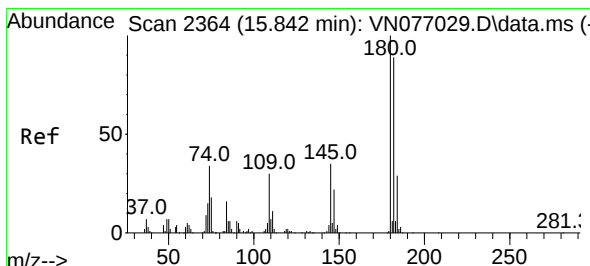
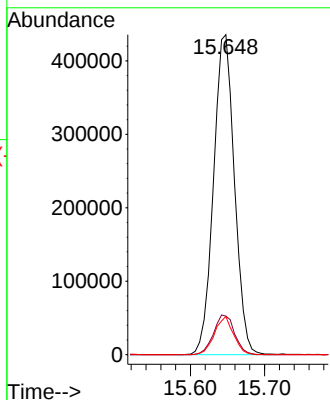
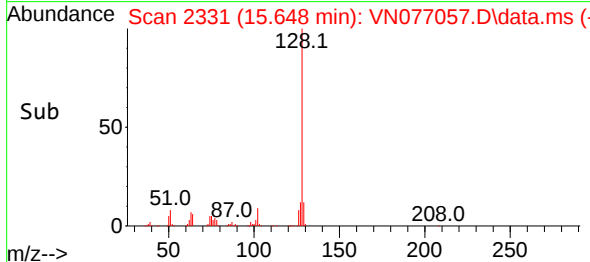
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



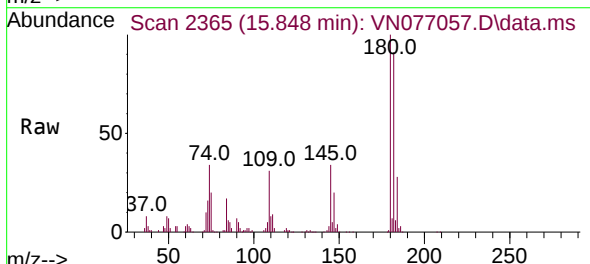
Tgt Ion:128 Resp: 85382
Ion Ratio Lower Upper
128 100
127 12.5 10.0 15.0
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 53.760 ug/l
RT: 15.848 min Scan# 2365
Delta R.T. 0.006 min
Lab File: VN077057.D
Acq: 18 Mar 2023 01:04



Tgt Ion:180 Resp: 240866
Ion Ratio Lower Upper
180 100
182 95.3 47.4 142.2
145 35.5 17.9 53.8

