

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077028.D
 Acq On : 17 Mar 2023 11:01
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

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

Quant Time: Mar 18 01:31:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 18 01:17:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	375709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	679694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	603299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	263786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	117073	19.508	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	39.020%#
35) Dibromofluoromethane	8.172	113	90529	19.630	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	39.260%#
50) Toluene-d8	10.572	98	328308	19.309	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	38.620%#
62) 4-Bromofluorobenzene	12.854	95	115641	19.247	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	38.500%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	71065	19.294	ug/l	95
3) Chloromethane	2.378	50	74245	19.613	ug/l	96
4) Vinyl Chloride	2.531	62	82846	20.276	ug/l	96
5) Bromomethane	2.960	94	54665	19.807	ug/l	94
6) Chloroethane	3.137	64	48555	18.780	ug/l	95
7) Trichlorofluoromethane	3.513	101	174125	19.809	ug/l	98
8) Diethyl Ether	3.972	74	65606	19.832	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.384	101	96579	19.369	ug/l	99
10) Methyl Iodide	4.607	142	115310	20.532	ug/l	96
11) Tert butyl alcohol	5.531	59	85509	97.781	ug/l #	85
12) 1,1-Dichloroethene	4.354	96	89882	19.705	ug/l	99
13) Acrolein	4.196	56	104136	96.277	ug/l	99
14) Allyl chloride	5.043	41	161416m	18.950	ug/l	
15) Acrylonitrile	5.737	53	291875	99.282	ug/l	98
16) Acetone	4.443	43	258608	96.711	ug/l	97
17) Carbon Disulfide	4.725	76	253806	19.082	ug/l	96
18) Methyl Acetate	5.037	43	200860	19.920	ug/l	100
19) Methyl tert-butyl Ether	5.807	73	326686	19.955	ug/l	100
20) Methylene Chloride	5.290	84	110624	19.062	ug/l	96
21) trans-1,2-Dichloroethene	5.801	96	98653	19.954	ug/l	96
22) Diisopropyl ether	6.684	45	377115	20.612	ug/l	99
23) Vinyl Acetate	6.613	43	1341744	119.217	ug/l	99
24) 1,1-Dichloroethane	6.578	63	206597	19.733	ug/l	99
25) 2-Butanone	7.490	43	389284	99.517	ug/l	99
26) 2,2-Dichloropropane	7.501	77	158833	20.163	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	114339	20.193	ug/l	98
28) Bromochloromethane	7.819	49	85315	18.764	ug/l	97
29) Tetrahydrofuran	7.848	42	262180	103.431	ug/l	99
30) Chloroform	7.972	83	203836	20.059	ug/l	97
31) Cyclohexane	8.260	56	194334	19.792	ug/l	99
32) 1,1,1-Trichloroethane	8.178	97	173287	19.952	ug/l	95
36) 1,1-Dichloropropene	8.378	75	150112	20.191	ug/l	100
37) Ethyl Acetate	7.572	43	159536	20.056	ug/l	99
38) Carbon Tetrachloride	8.366	117	145574	20.102	ug/l	96
39) Methylcyclohexane	9.607	83	179976	20.682	ug/l	98
40) Benzene	8.613	78	451815	20.038	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	82692m	19.995	ug/l	
42) 1,2-Dichloroethane	8.678	62	156700	19.232	ug/l	100
43) Isopropyl Acetate	8.695	43	251379	20.230	ug/l	98
44) Trichloroethene	9.354	130	100449	19.395	ug/l	93
45) 1,2-Dichloropropane	9.625	63	121350	20.264	ug/l	99
46) Dibromomethane	9.713	93	74694	19.777	ug/l	100
47) Bromodichloromethane	9.895	83	156882	19.805	ug/l	97
48) Methyl methacrylate	9.684	41	120501	20.284	ug/l	99
49) 1,4-Dioxane	9.695	88	43256	426.315	ug/l	94
51) 4-Methyl-2-Pentanone	10.448	43	798255	103.158	ug/l	100
52) Toluene	10.631	92	278290	20.671	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	161161	20.759	ug/l	98
54) cis-1,3-Dichloropropene	10.319	75	179957	20.544	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	106091	19.984	ug/l	99
56) Ethyl methacrylate	10.878	69	166657	20.877	ug/l	100
57) 1,3-Dichloropropane	11.166	76	194753	20.038	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.160	63	357284	104.981	ug/l	100
59) 2-Hexanone	11.195	43	583646	103.988	ug/l	98
60) Dibromochloromethane	11.360	129	107121	20.088	ug/l	98
61) 1,2-Dibromoethane	11.472	107	103992	19.754	ug/l	99
64) Tetrachloroethene	11.107	164	81368	20.096	ug/l	96
65) Chlorobenzene	11.895	112	274335	19.763	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.966	131	99771	19.425	ug/l	99
67) Ethyl Benzene	11.966	91	513841	20.380	ug/l	98
68) m/p-Xylenes	12.072	106	388162	41.511	ug/l	100
69) o-Xylene	12.401	106	191141	20.572	ug/l	100
70) Styrene	12.413	104	309704	21.410	ug/l	99
71) Bromoform	12.583	173	70241	20.181	ug/l #	99
73) Isopropylbenzene	12.701	105	493306	20.868	ug/l	99
74) N-amyl acetate	12.495	43	211562	20.676	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	162175	18.936	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	146796m	21.512	ug/l	
77) Bromobenzene	12.983	156	105693	19.959	ug/l	97
78) n-propylbenzene	13.036	91	579046	21.219	ug/l	99
79) 2-Chlorotoluene	13.130	91	354265	20.373	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	421701	21.366	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	48955	19.749	ug/l	90
82) 4-Chlorotoluene	13.224	91	341844	20.674	ug/l	100
83) tert-Butylbenzene	13.442	119	346194	20.891	ug/l	98
84) 1,2,4-Trimethylbenzene	13.483	105	427358	21.698	ug/l	99
85) sec-Butylbenzene	13.619	105	506555	21.489	ug/l	99
86) p-Isopropyltoluene	13.730	119	406533	21.475	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	197795	19.763	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	191963	19.278	ug/l	99
89) n-Butylbenzene	14.060	91	342384	20.617	ug/l	99
90) Hexachloroethane	14.336	117	74889	19.458	ug/l	100
91) 1,2-Dichlorobenzene	14.107	146	200910	20.139	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	30807	19.413	ug/l	99
93) 1,2,4-Trichlorobenzene	15.395	180	93716	20.780	ug/l	100
94) Hexachlorobutadiene	15.507	225	49403	19.891	ug/l	99
95) Naphthalene	15.642	128	312145	19.041	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	90731	20.050	ug/l	96

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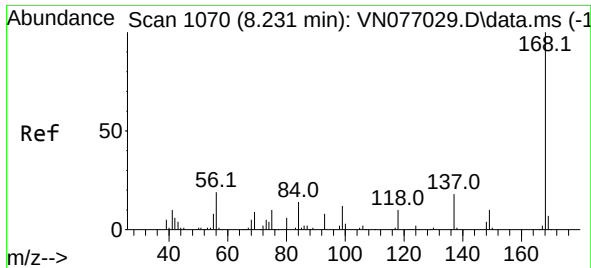
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 03/20/2023

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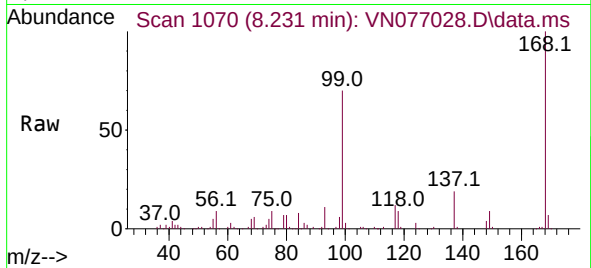
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
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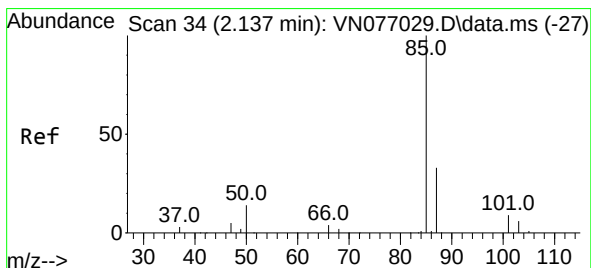
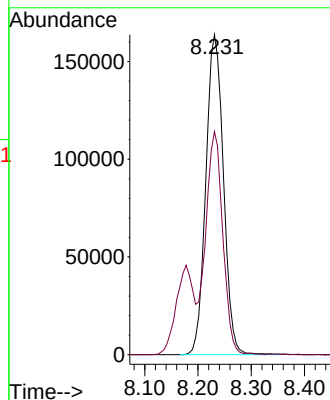
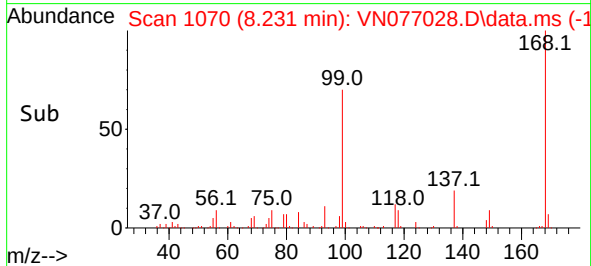
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 375709
Ion Ratio Lower Upper
168 100
99 69.7 53.9 80.9

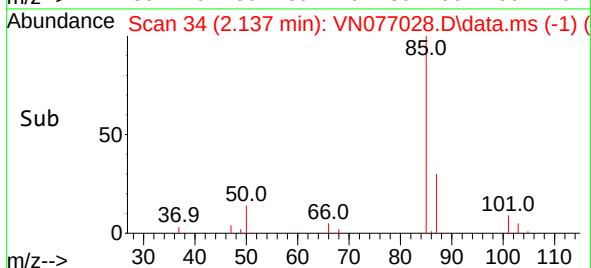
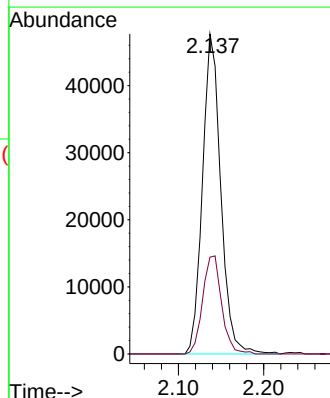
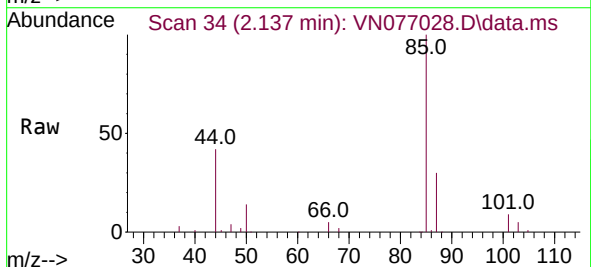
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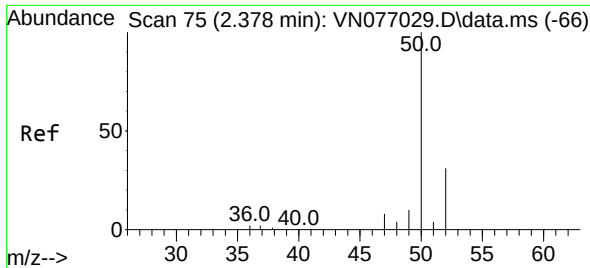
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#2
Dichlorodifluoromethane
Concen: 19.294 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

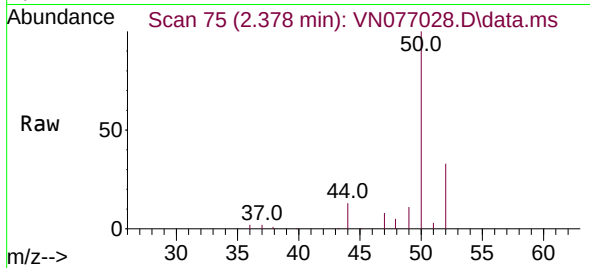
Tgt Ion: 85 Resp: 71065
Ion Ratio Lower Upper
85 100
87 30.2 16.4 49.2





#3
Chloromethane
Concen: 19.613 ug/l
RT: 2.378 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

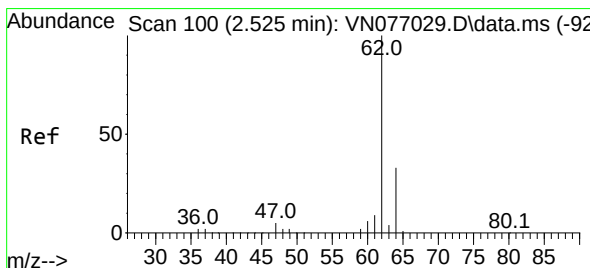
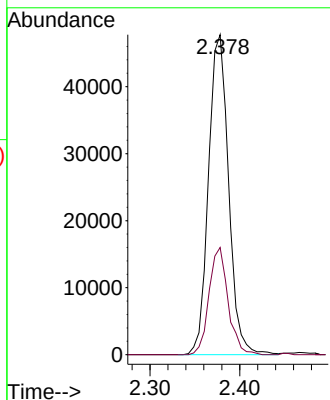
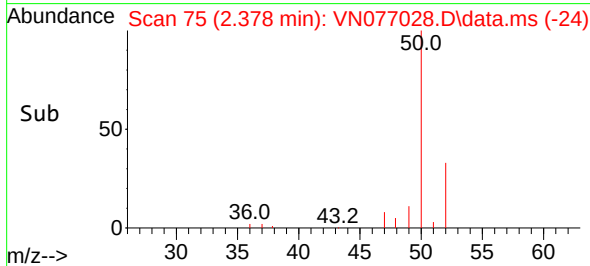
Instrument :
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VSTDICC020



Tgt Ion: 50 Resp: 7424
Ion Ratio Lower Upper
50 100
52 33.5 25.1 37.7

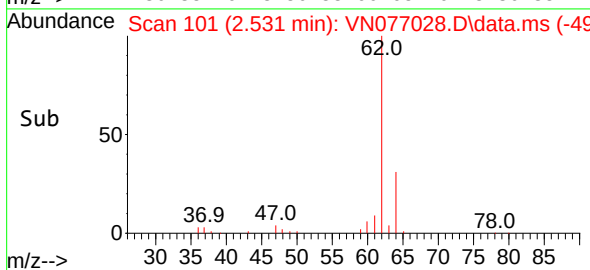
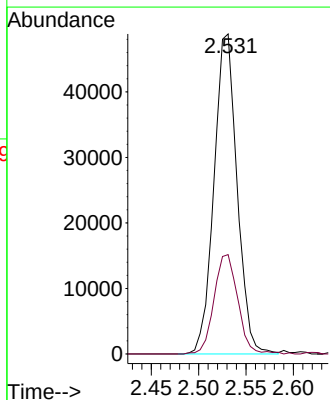
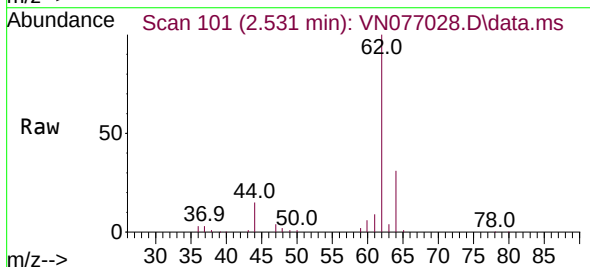
Manual Integrations
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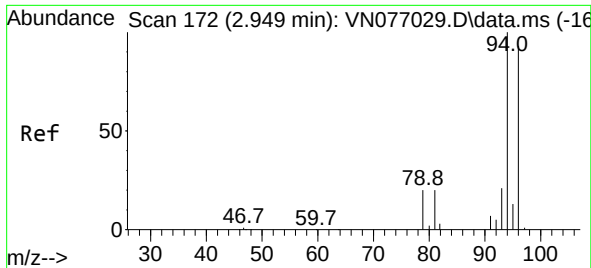
Reviewed By :John Carlone 03/20/2023
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#4
Vinyl Chloride
Concen: 20.276 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

Tgt Ion: 62 Resp: 82846
Ion Ratio Lower Upper
62 100
64 31.0 26.6 40.0





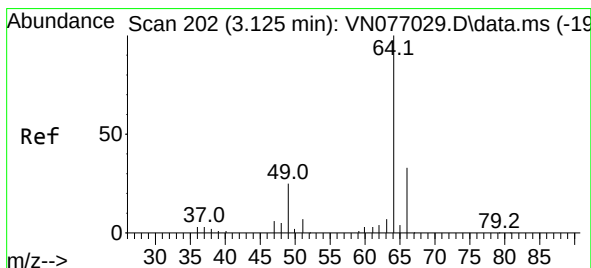
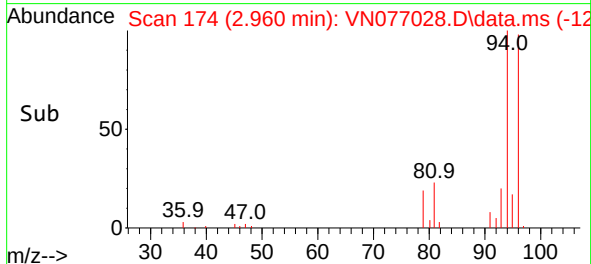
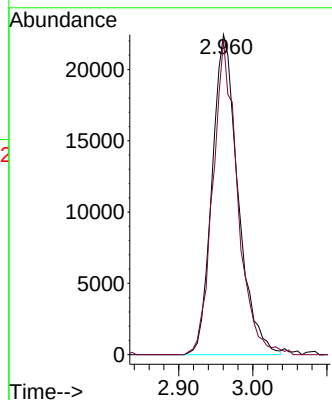
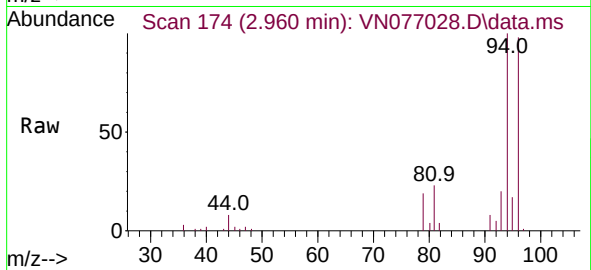
#5
Bromomethane
Concen: 19.807 ug/l
RT: 2.960 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 5466
Ion Ratio Lower Upper
94 100
96 98.4 74.1 111.1

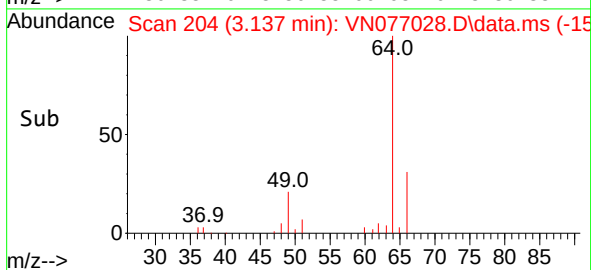
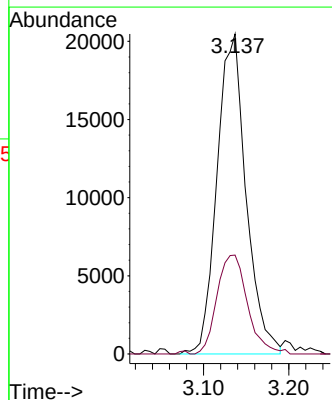
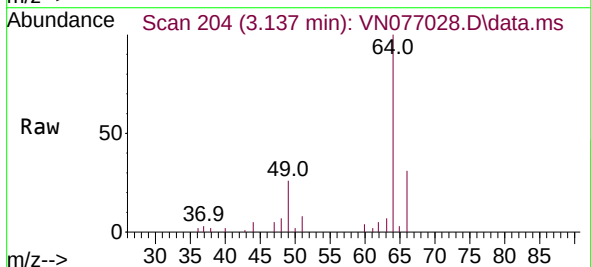
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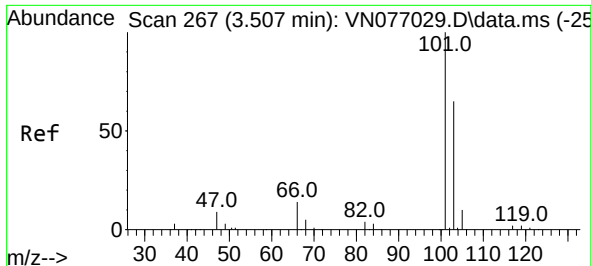
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#6
Chloroethane
Concen: 18.780 ug/l
RT: 3.137 min Scan# 204
Delta R.T. 0.012 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

Tgt Ion: 64 Resp: 48555
Ion Ratio Lower Upper
64 100
66 30.2 26.3 39.5





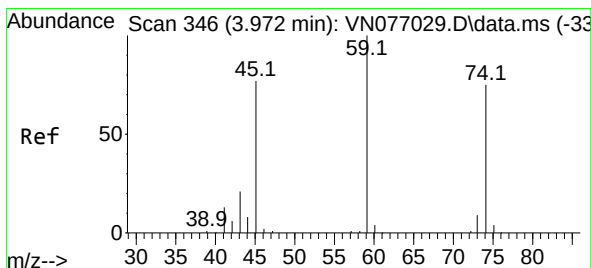
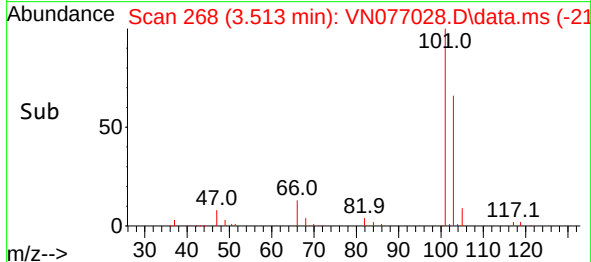
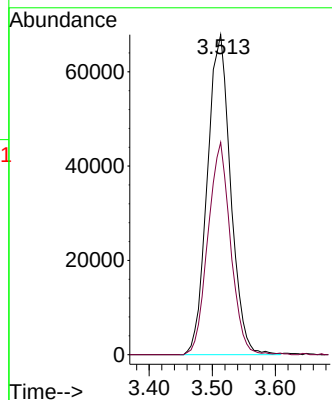
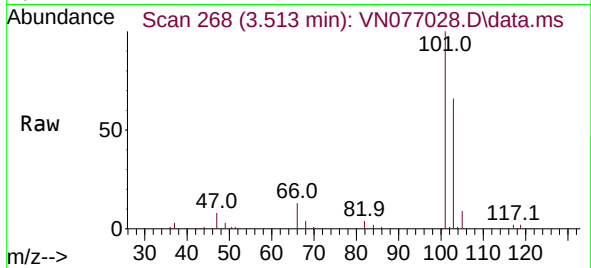
#7
Trichlorofluoromethane
Concen: 19.809 ug/l
RT: 3.513 min Scan# 268
Delta R.T. 0.006 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 17412
Ion Ratio Lower Upper
101 100
103 66.4 51.8 77.6

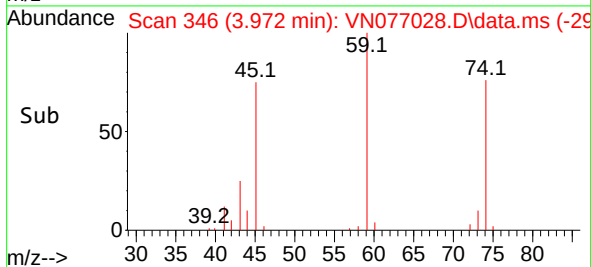
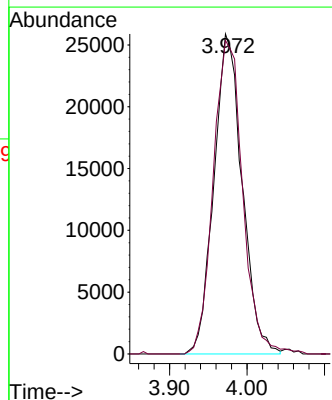
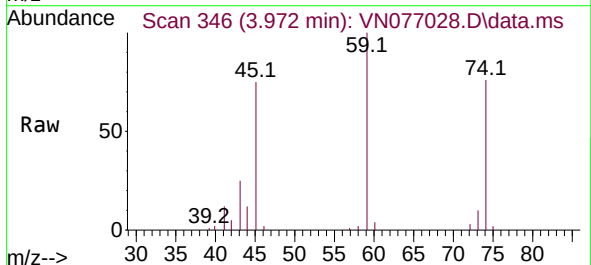
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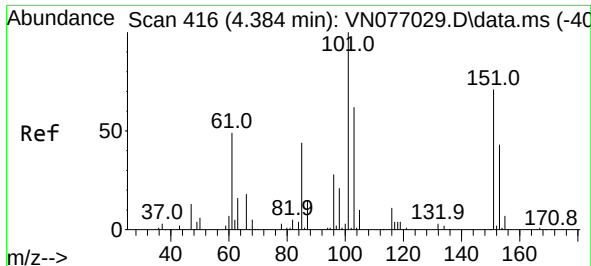
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#8
Diethyl Ether
Concen: 19.832 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
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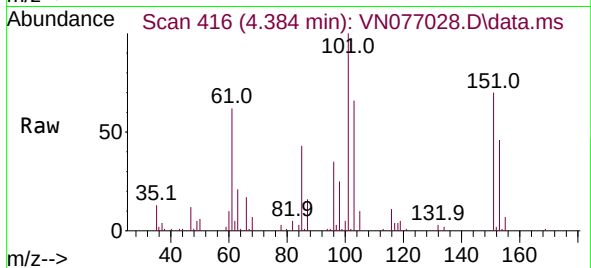
Tgt Ion: 74 Resp: 65606
Ion Ratio Lower Upper
74 100
45 102.1 50.8 152.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.369 ug/l
RT: 4.384 min Scan# 416
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

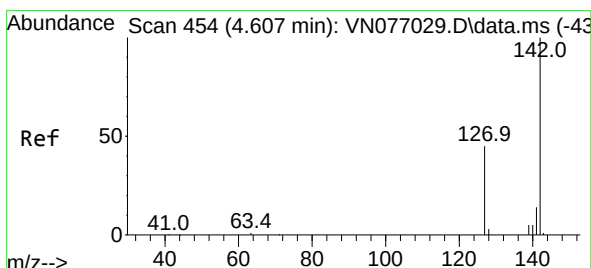
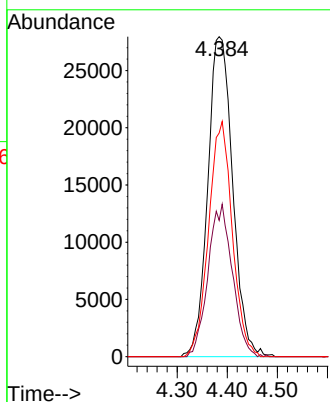
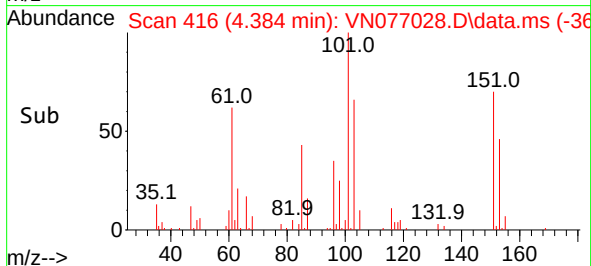
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:101 Resp: 96579
Ion Ratio Lower Upper
101 100
85 46.5 36.6 55.0
151 69.9 56.9 85.3

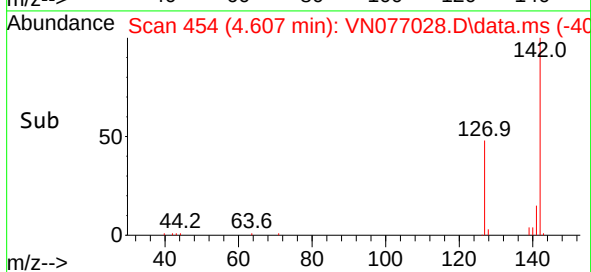
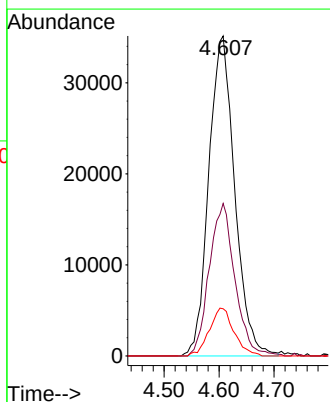
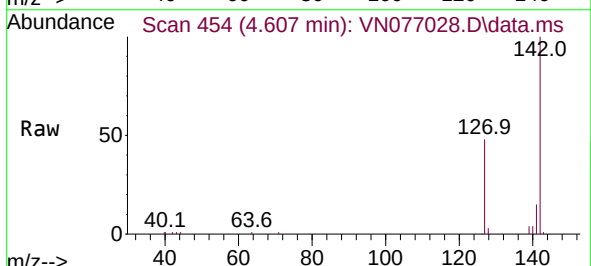
Manual Integrations
APPROVED

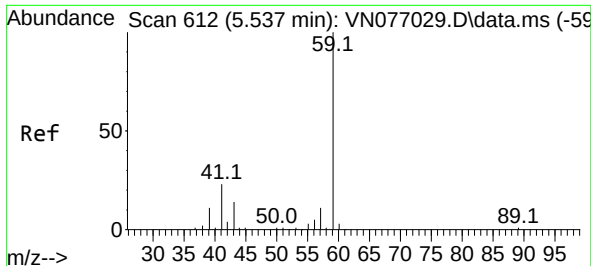
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#10
Methyl Iodide
Concen: 20.532 ug/l
RT: 4.607 min Scan# 454
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

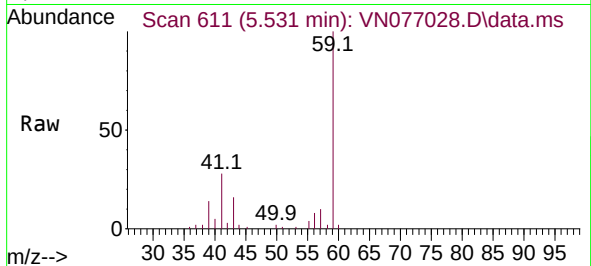
Tgt Ion:142 Resp: 115310
Ion Ratio Lower Upper
142 100
127 47.6 36.1 54.1
141 14.7 10.8 16.2





#11
Tert butyl alcohol
Concen: 97.781 ug/l
RT: 5.531 min Scan# 612
Delta R.T. -0.006 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

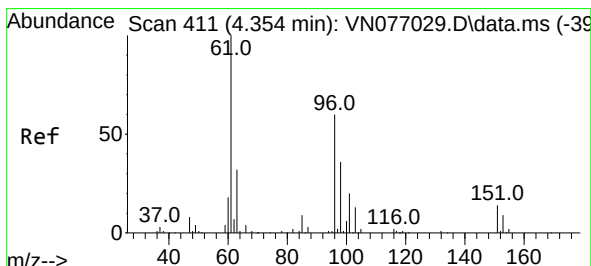
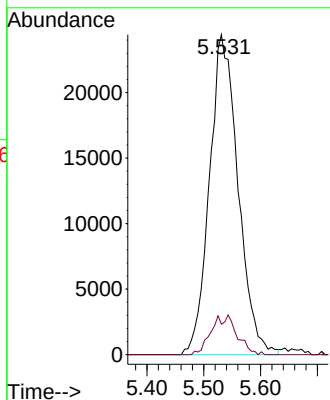
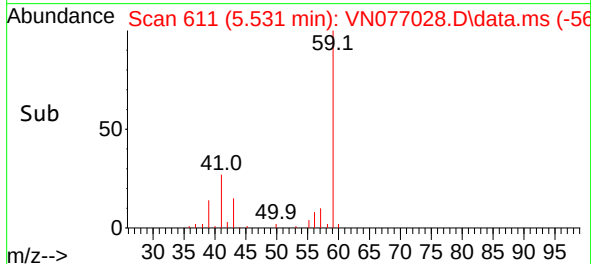
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC020



Tgt Ion: 59 Resp: 85509
Ion Ratio Lower Upper
59 100
57 5.2 8.6 12.8

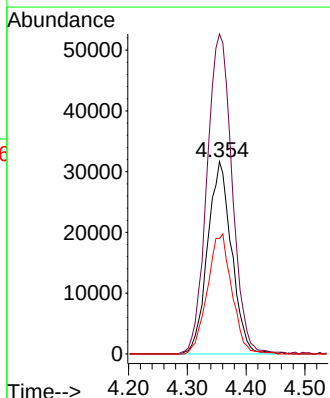
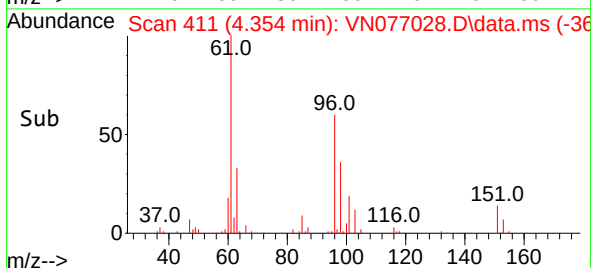
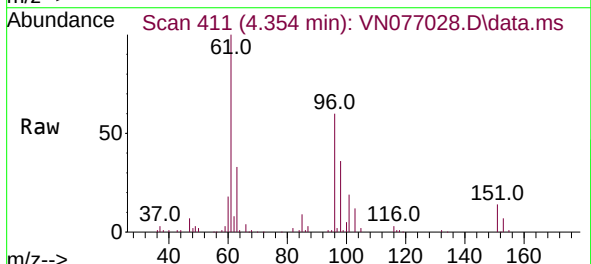
Manual Integrations
APPROVED

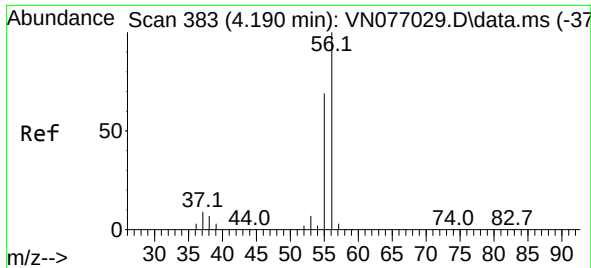
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#12
1,1-Dichloroethene
Concen: 19.705 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

Tgt Ion: 96 Resp: 89882
Ion Ratio Lower Upper
96 100
61 166.4 133.8 200.8
98 60.0 48.6 72.8





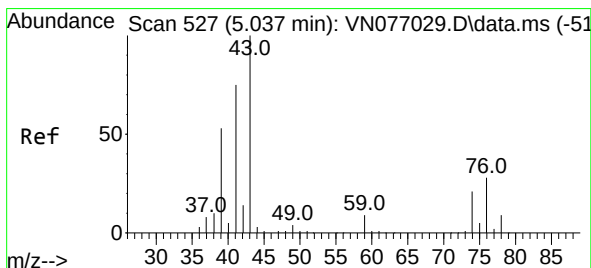
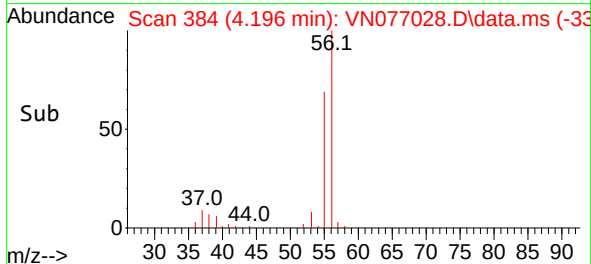
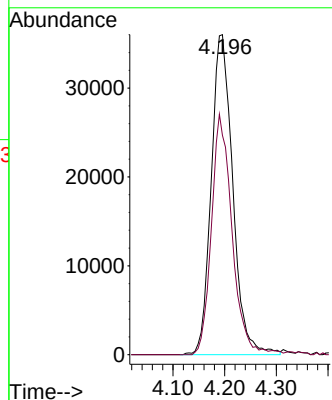
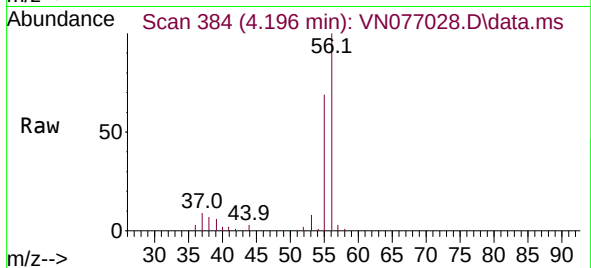
#13
Acrolein
Concen: 96.277 ug/l
RT: 4.196 min Scan# 384
Delta R.T. 0.006 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 104130
Ion Ratio Lower Upper
56 100
55 71.9 57.0 85.6

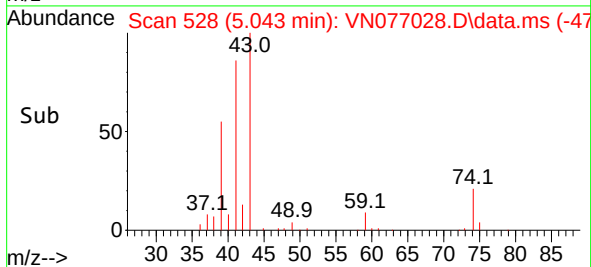
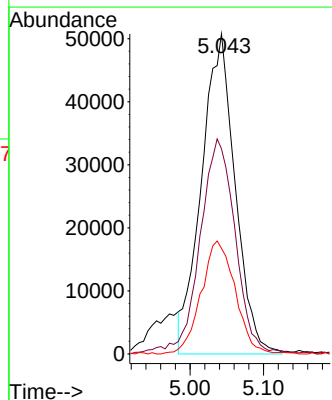
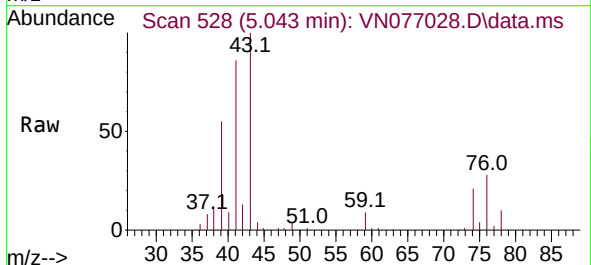
Manual Integrations
APPROVED

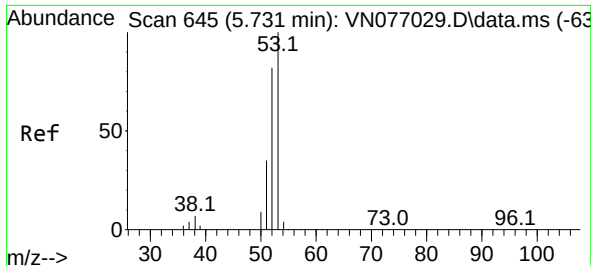
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#14
Allyl chloride
Concen: 18.950 ug/l m
RT: 5.043 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

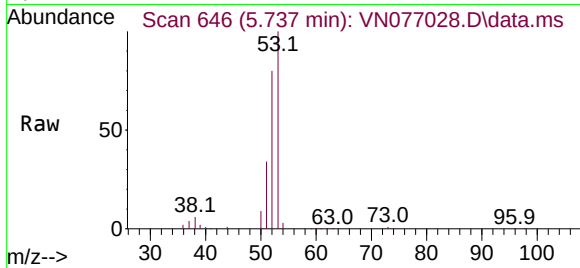
Tgt Ion: 41 Resp: 161416
Ion Ratio Lower Upper
41 100
39 70.9 53.8 80.8
76 35.9 26.7 40.1





#15
Acrylonitrile
Concen: 99.282 ug/l
RT: 5.737 min Scan# 645
Delta R.T. 0.006 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

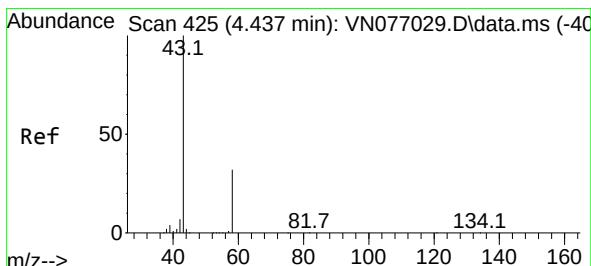
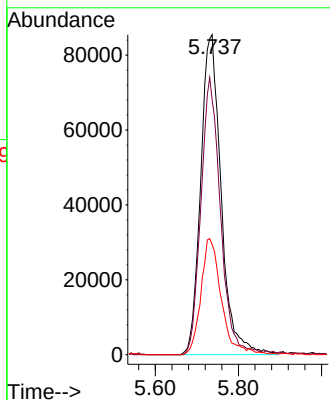
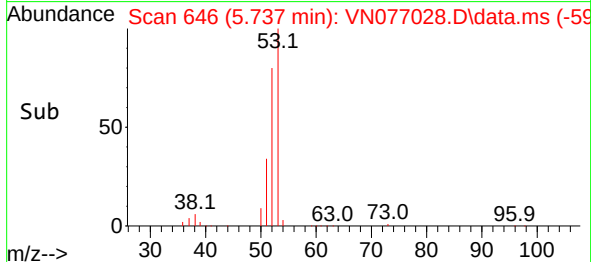
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



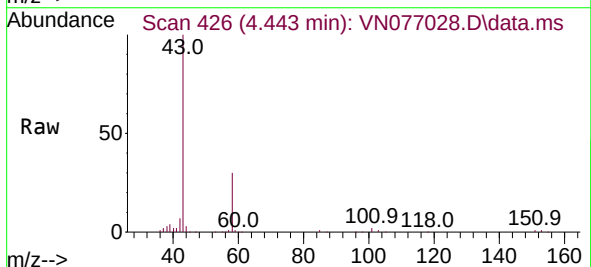
Tgt Ion: 53 Resp: 291875
Ion Ratio Lower Upper
53 100
52 82.6 64.6 97.0
51 36.3 28.3 42.5

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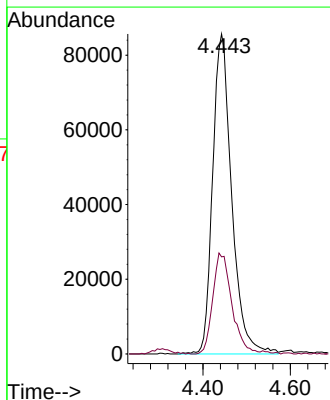
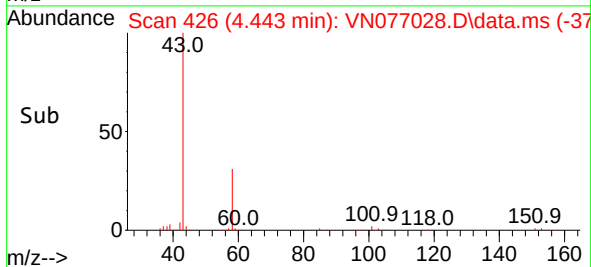
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

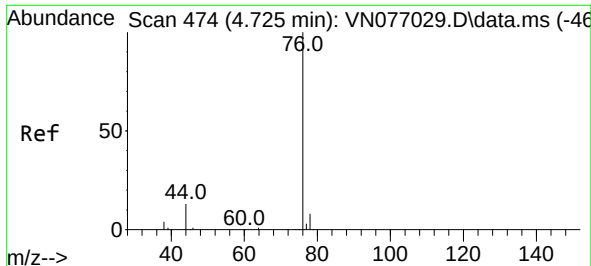


#16
Acetone
Concen: 96.711 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01



Tgt Ion: 43 Resp: 258608
Ion Ratio Lower Upper
43 100
58 30.0 25.4 38.0





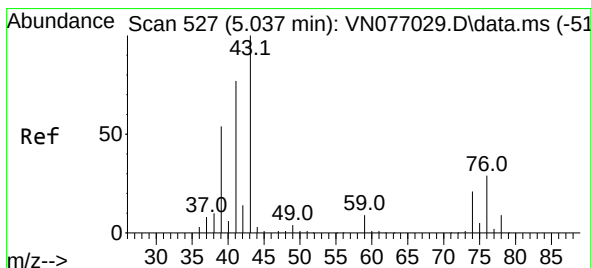
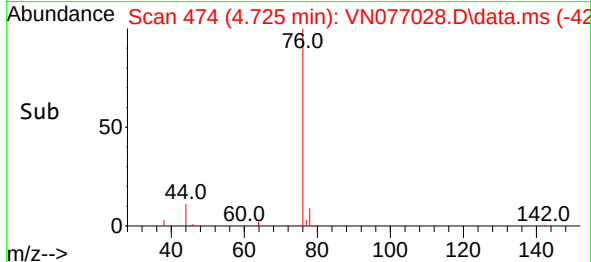
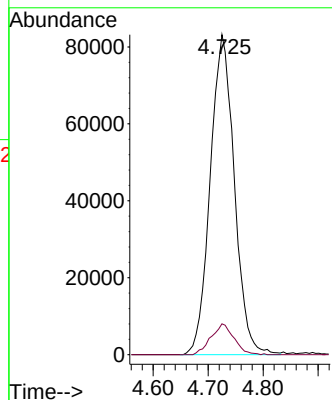
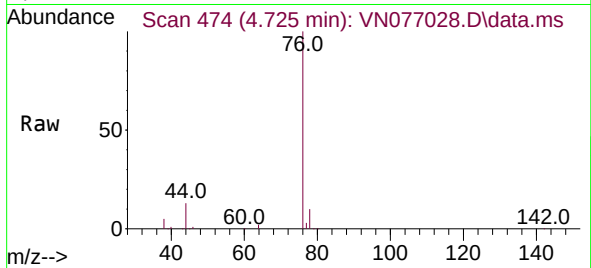
#17
Carbon Disulfide
Concen: 19.082 ug/l
RT: 4.725 min Scan# 474
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 253800
Ion Ratio Lower Upper
76 100
78 9.6 6.6 10.0

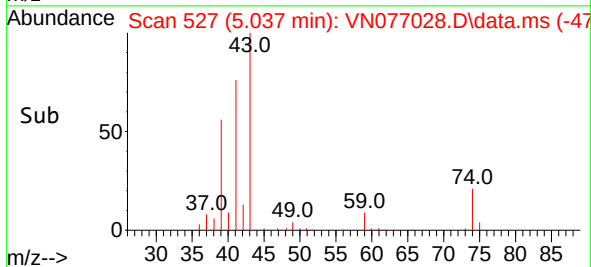
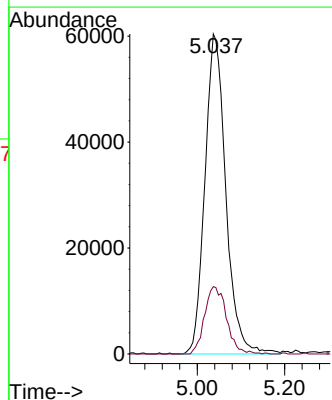
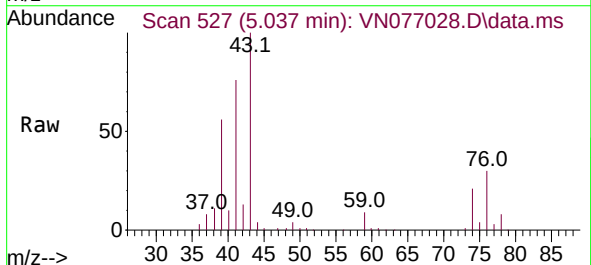
Manual Integrations
APPROVED

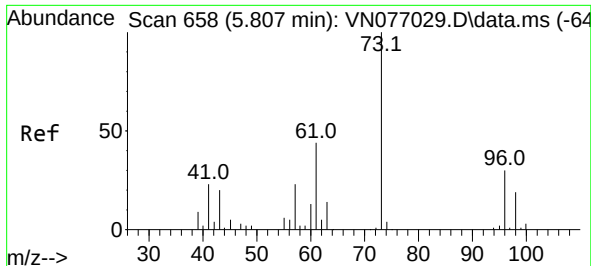
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#18
Methyl Acetate
Concen: 19.920 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

Tgt Ion: 43 Resp: 200860
Ion Ratio Lower Upper
43 100
74 22.0 17.7 26.5





#19

Methyl tert-butyl Ether

Concen: 19.955 ug/l

RT: 5.807 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN077028.D

Acq: 17 Mar 2023 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 73 Resp: 32668

Ion Ratio Lower Upper

73 100

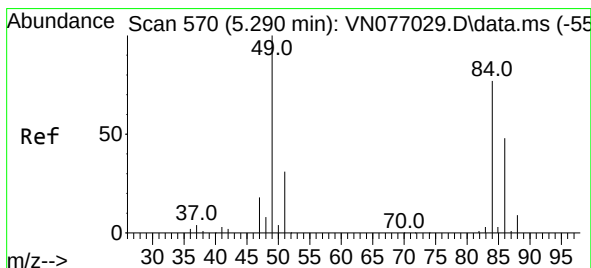
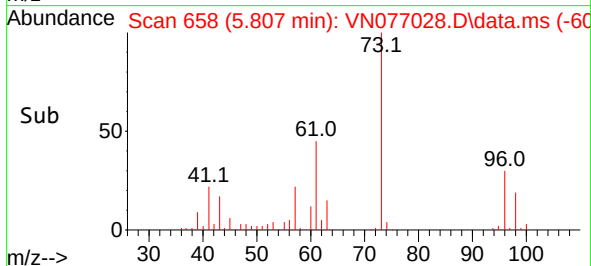
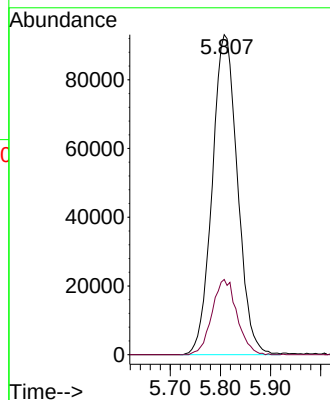
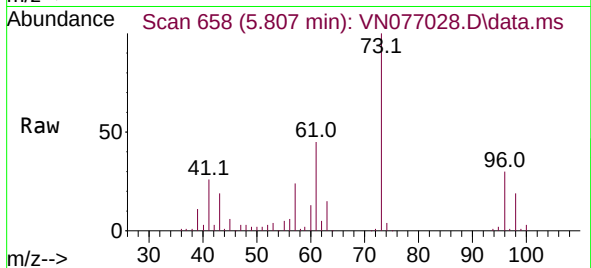
57 23.5 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#20

Methylene Chloride

Concen: 19.062 ug/l

RT: 5.290 min Scan# 570

Delta R.T. 0.000 min

Lab File: VN077028.D

Acq: 17 Mar 2023 11:01

Tgt Ion: 84 Resp: 110624

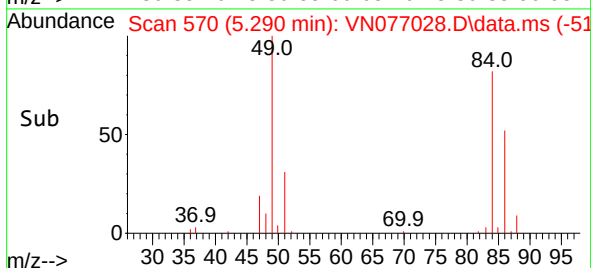
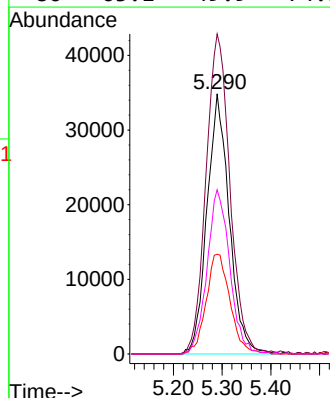
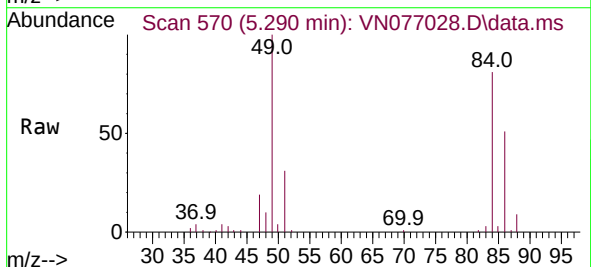
Ion Ratio Lower Upper

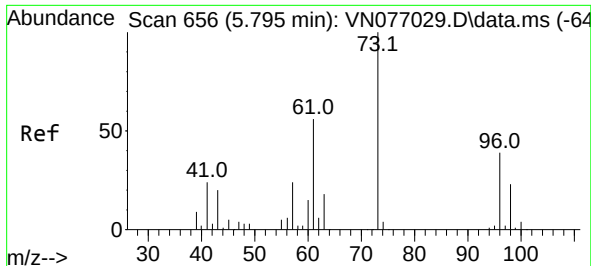
84 100

49 123.0 103.8 155.6

51 38.3 32.3 48.5

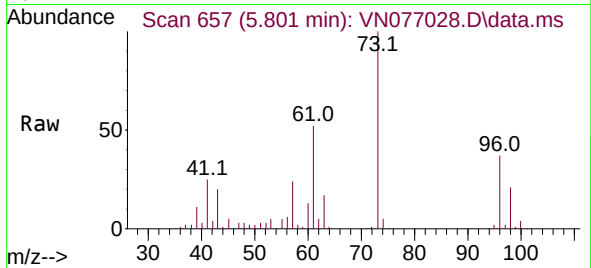
86 63.1 49.9 74.9





#21
trans-1,2-Dichloroethene
Concen: 19.954 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

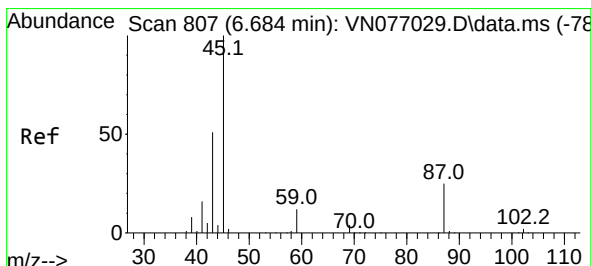
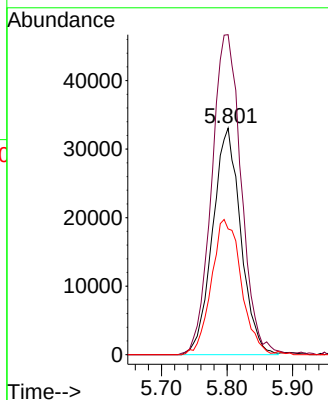
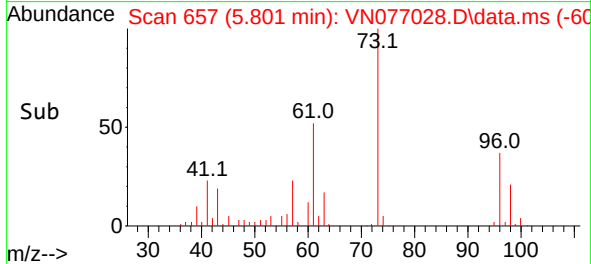
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



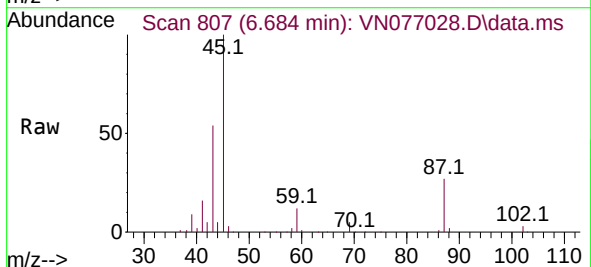
Tgt Ion: 96 Resp: 9865
Ion Ratio Lower Upper
96 100
61 141.3 115.8 173.6
98 55.5 48.2 72.2

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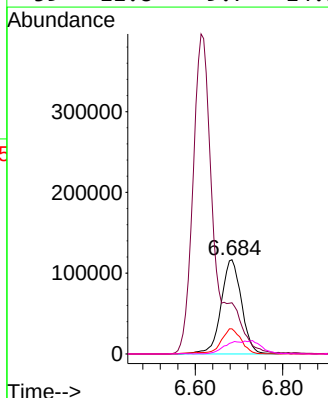
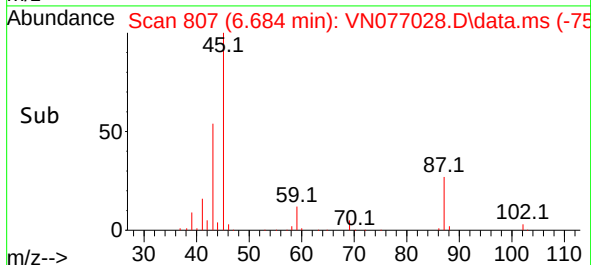
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

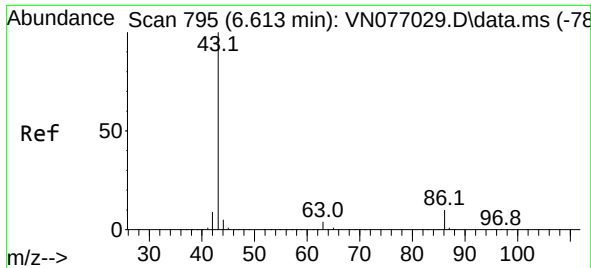


#22
Diisopropyl ether
Concen: 20.612 ug/l
RT: 6.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01



Tgt Ion: 45 Resp: 377115
Ion Ratio Lower Upper
45 100
43 52.6 41.5 62.3
87 26.6 20.6 30.8
59 11.8 9.7 14.5





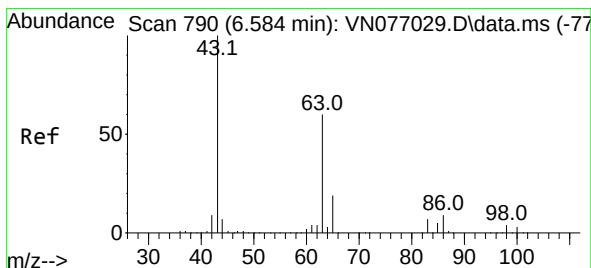
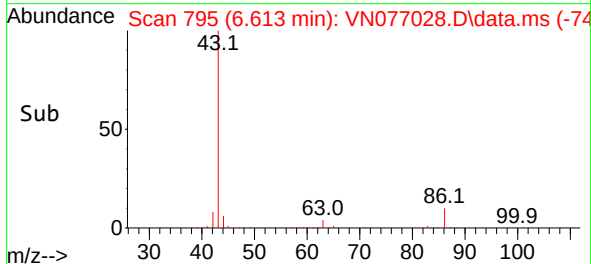
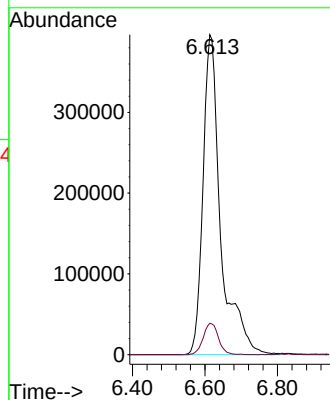
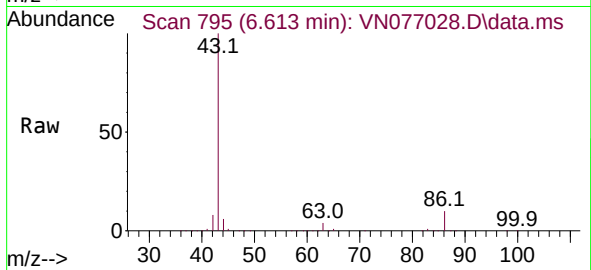
#23
 Vinyl Acetate
 Concen: 119.217 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077028.D
 Acq: 17 Mar 2023 11:01

Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDIC020

Tgt Ion: 43 Resp: 1341744
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.0 12.0

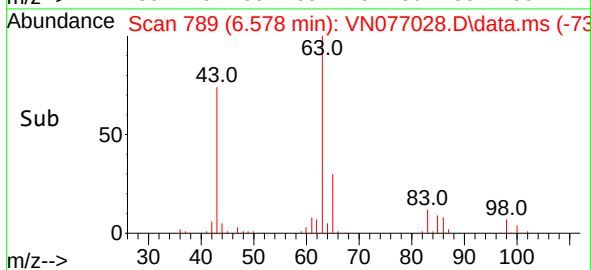
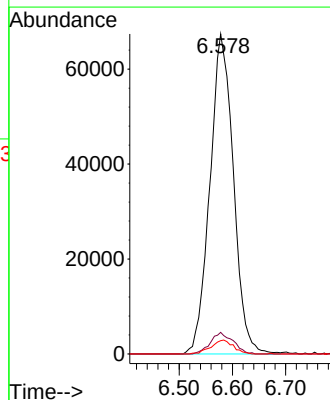
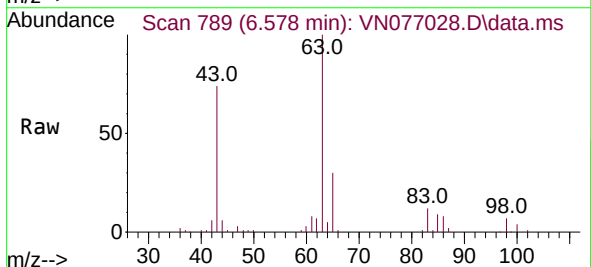
Manual Integrations
 APPROVED

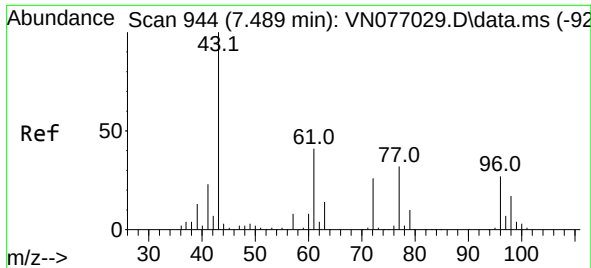
Reviewed By :John Carlone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023



#24
 1,1-Dichloroethane
 Concen: 19.733 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN077028.D
 Acq: 17 Mar 2023 11:01

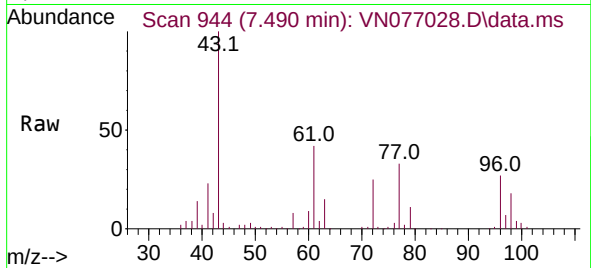
Tgt Ion: 63 Resp: 206597
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.1 9.4
 100 4.1 2.1 6.3





#25
2-Butanone
Concen: 99.517 ug/l
RT: 7.490 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

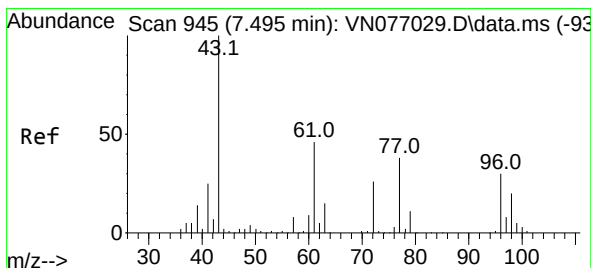
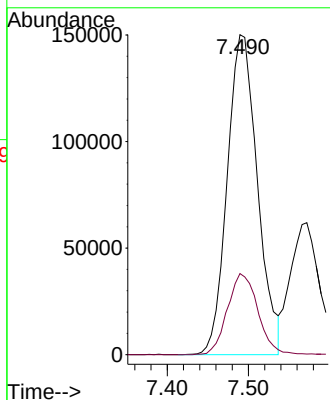
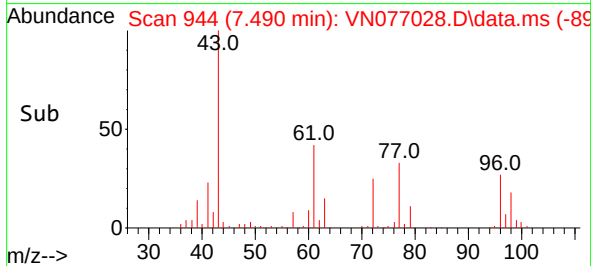
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC020



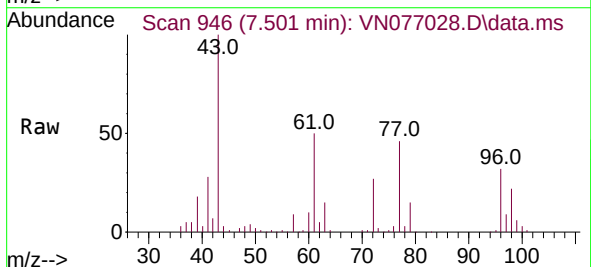
Tgt Ion: 43 Resp: 389284
Ion Ratio Lower Upper
43 100
72 25.4 20.7 31.1

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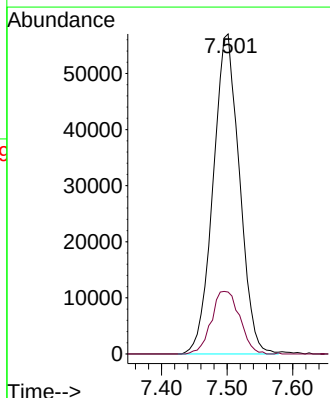
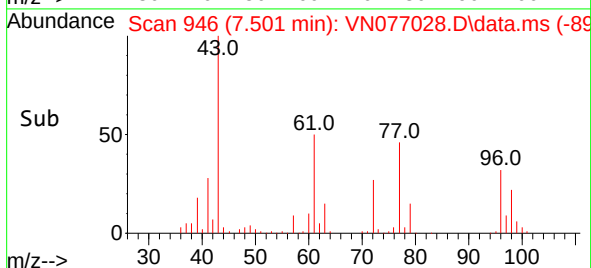
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

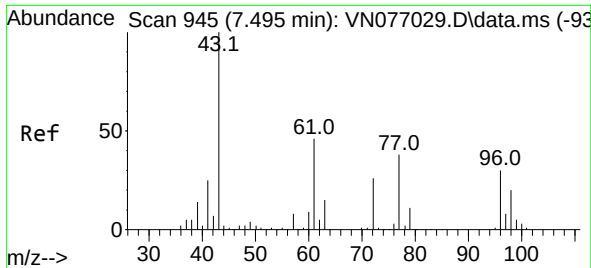


#26
2,2-Dichloropropane
Concen: 20.163 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01



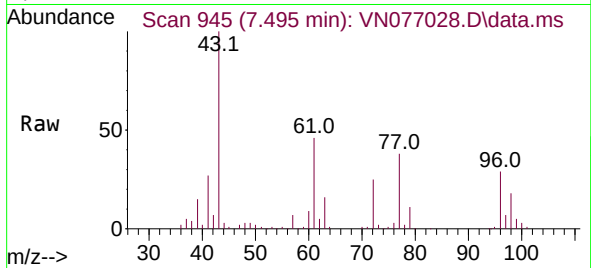
Tgt Ion: 77 Resp: 158833
Ion Ratio Lower Upper
77 100
97 21.1 10.9 32.9





#27
cis-1,2-Dichloroethene
Concen: 20.193 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

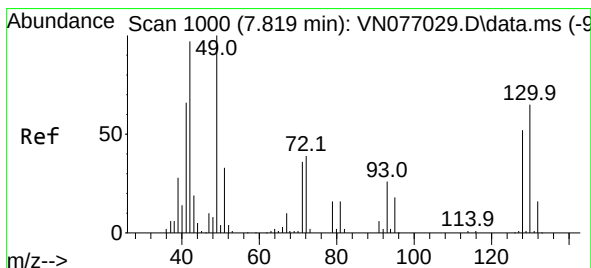
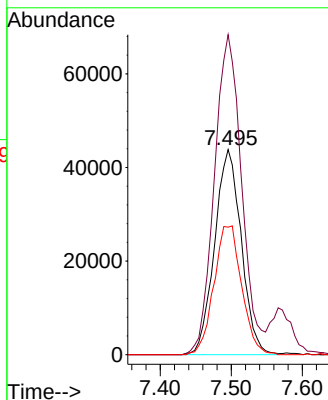
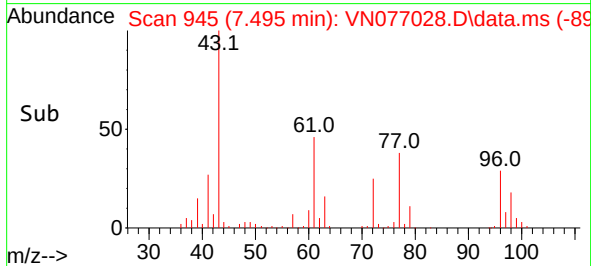
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 114339
Ion Ratio Lower Upper
96 100
61 159.8 0.0 315.4
98 65.3 0.0 128.6

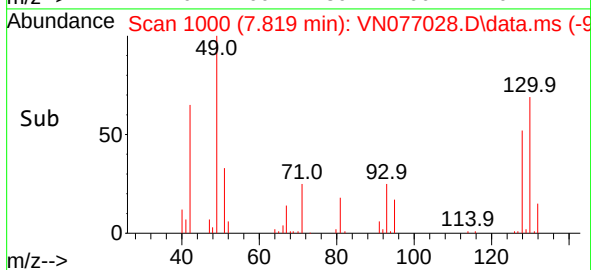
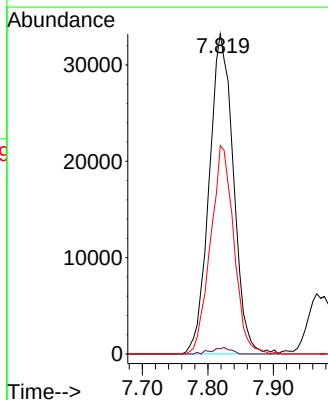
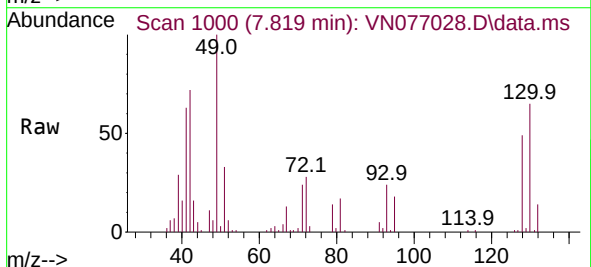
Manual Integrations
APPROVED

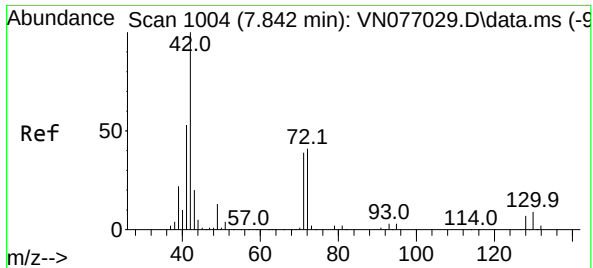
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#28
Bromochloromethane
Concen: 18.764 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

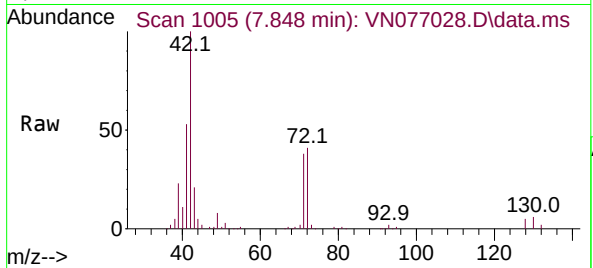
Tgt Ion: 49 Resp: 85315
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.2
130 62.4 51.9 77.9





#29
Tetrahydrofuran
Concen: 103.431 ug/l
RT: 7.848 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

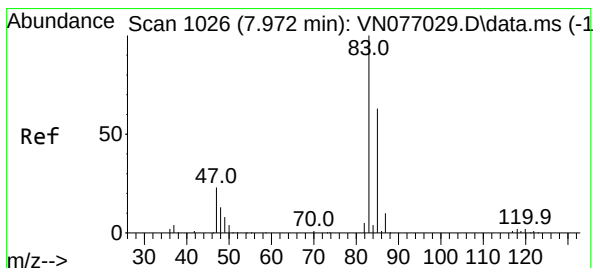
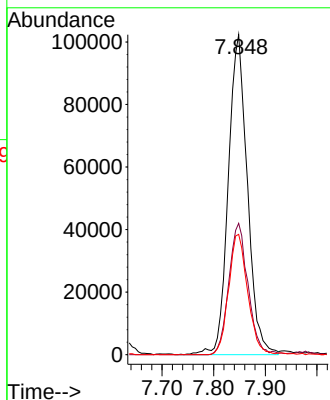
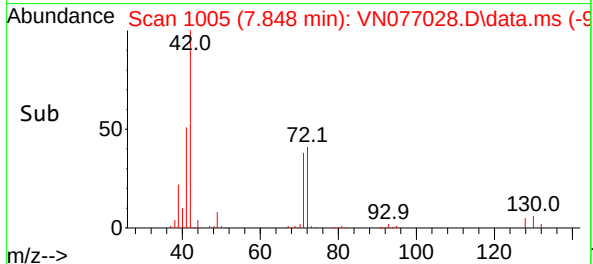
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 42 Resp: 262180
Ion Ratio Lower Upper
42 100
72 41.3 33.2 49.8
71 37.5 31.0 46.4

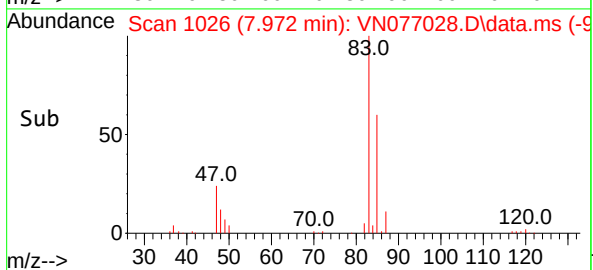
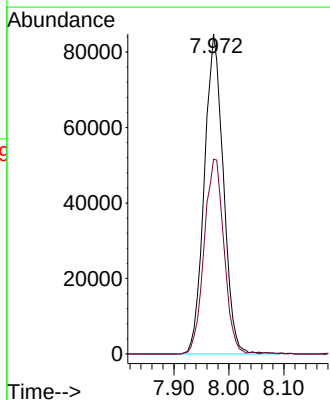
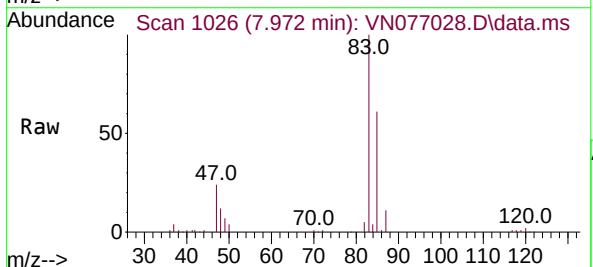
Manual Integrations
APPROVED

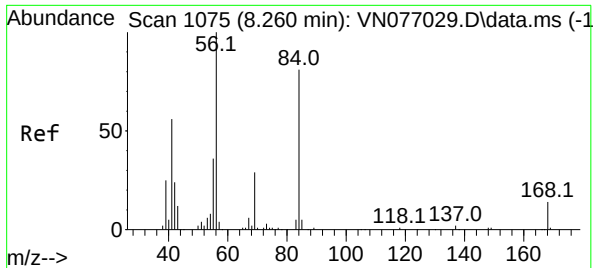
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#30
Chloroform
Concen: 20.059 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

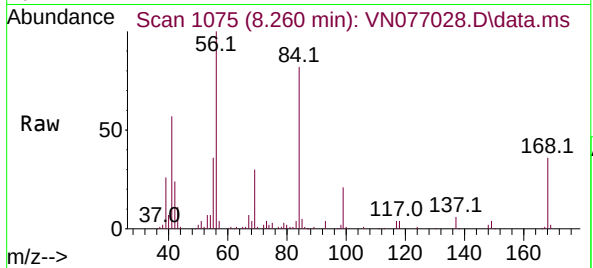
Tgt Ion: 83 Resp: 203836
Ion Ratio Lower Upper
83 100
85 60.9 50.6 75.8





#31
Cyclohexane
Concen: 19.792 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

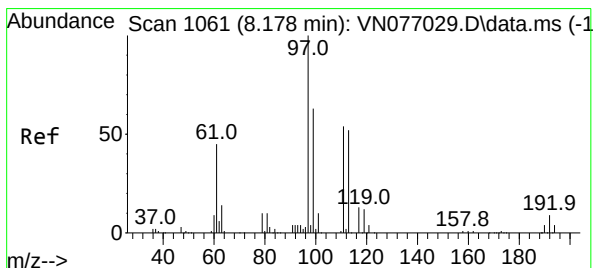
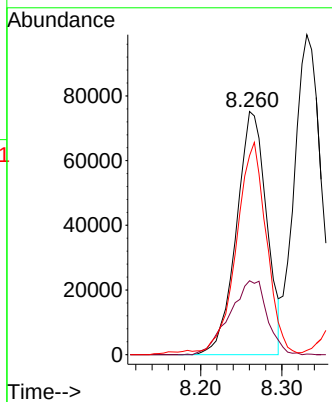
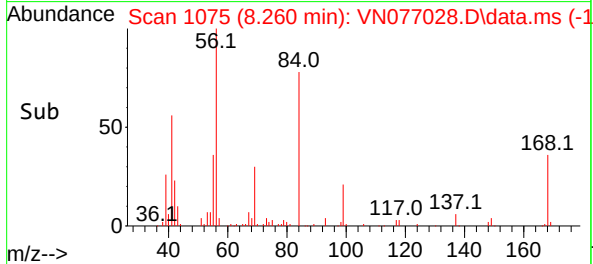
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC020



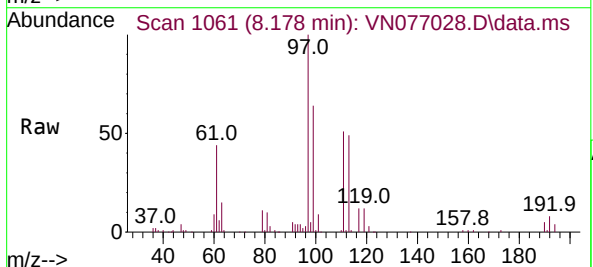
Tgt Ion: 56 Resp: 194334
Ion Ratio Lower Upper
56 100
69 30.4 22.8 34.2
84 80.8 64.7 97.1

Manual Integrations
APPROVED

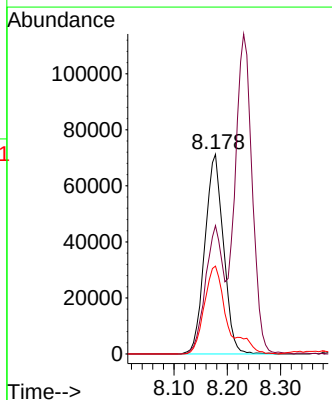
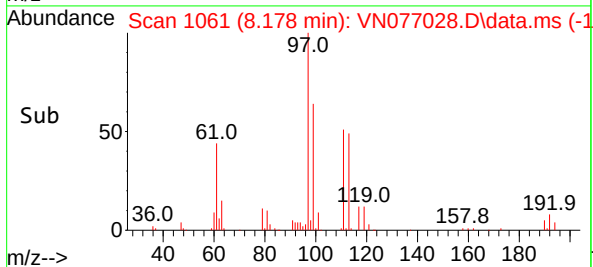
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

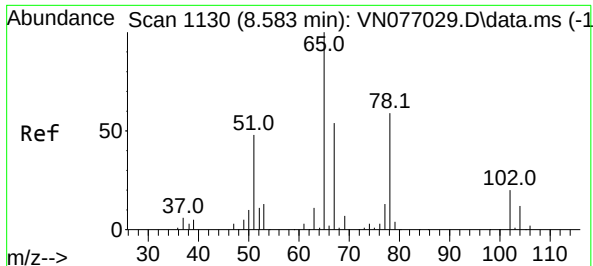


#32
1,1,1-Trichloroethane
Concen: 19.952 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01



Tgt Ion: 97 Resp: 173287
Ion Ratio Lower Upper
97 100
99 59.1 50.2 75.2
61 53.1 39.0 58.6





#33

1,2-Dichloroethane-d4

Concen: 19.508 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077028.D

Acq: 17 Mar 2023 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 11707

Ion Ratio Lower Upper

65 100

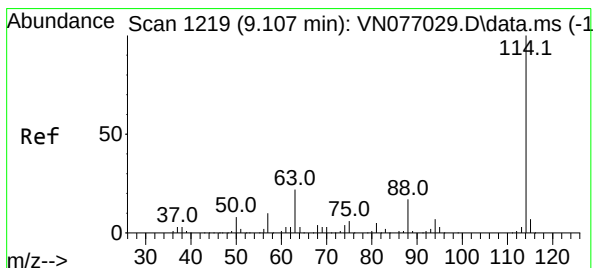
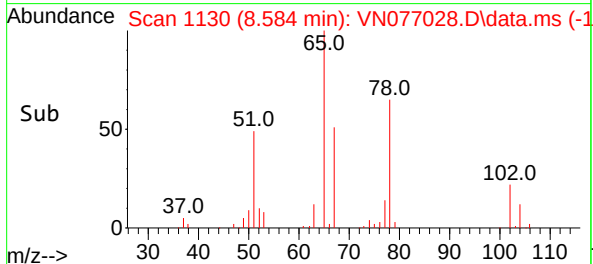
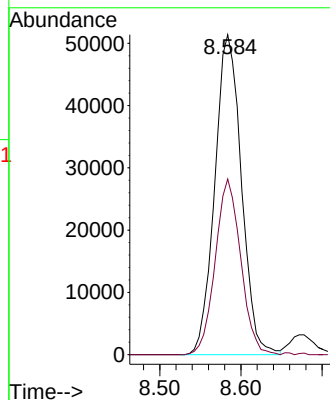
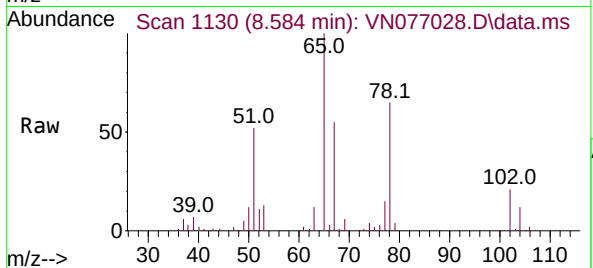
67 52.5 0.0 105.2

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: VN077028.D

Acq: 17 Mar 2023 11:01

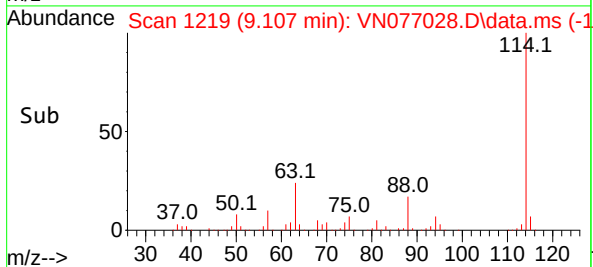
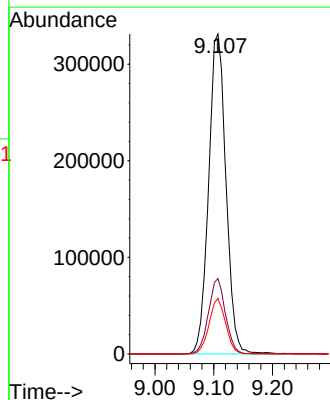
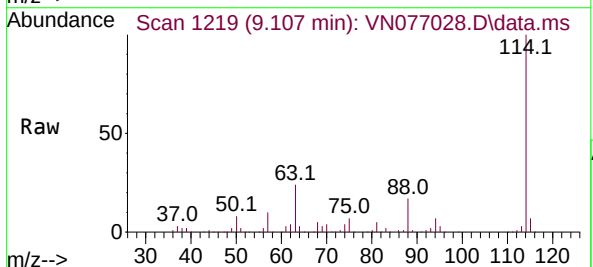
Tgt Ion:114 Resp: 679694

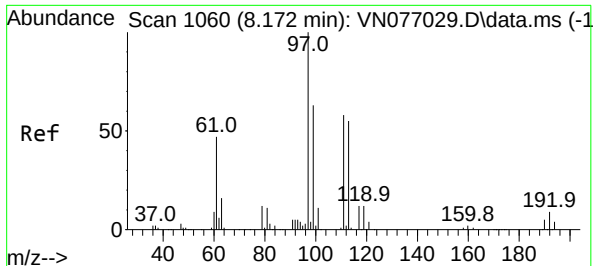
Ion Ratio Lower Upper

114 100

63 23.5 0.0 44.6

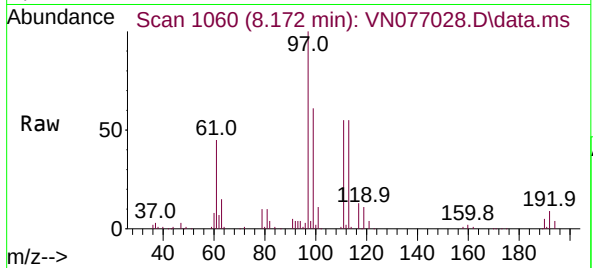
88 17.3 0.0 33.8





#35
Dibromofluoromethane
Concen: 19.630 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

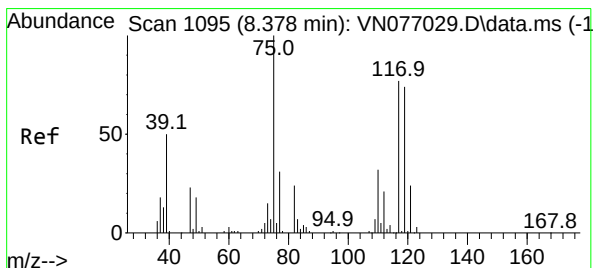
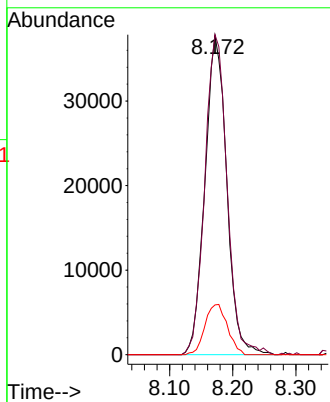
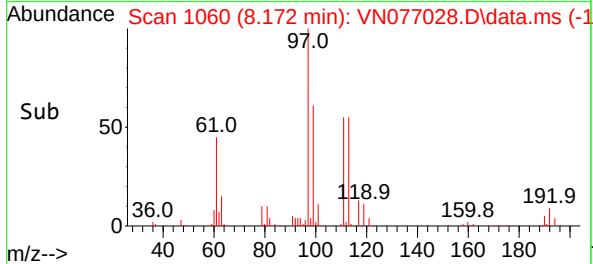
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 113 Resp: 90529
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 16.2 13.0 19.6

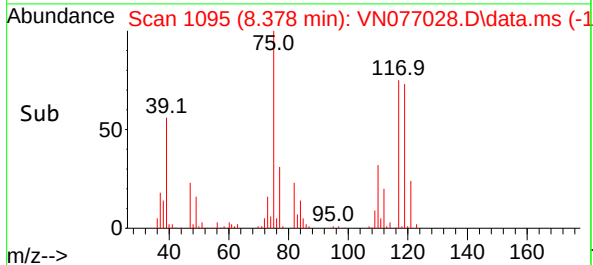
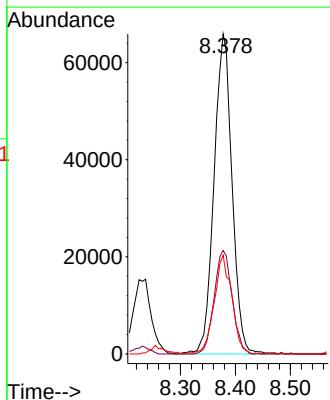
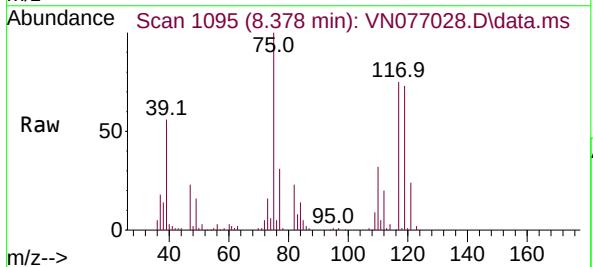
Manual Integrations
APPROVED

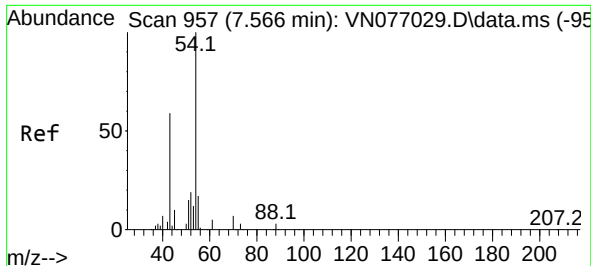
Reviewed By : John Carlone 03/20/2023
Supervised By : Mahesh Dadoda 03/20/2023



#36
1,1-Dichloropropene
Concen: 20.191 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

Tgt Ion: 75 Resp: 150112
Ion Ratio Lower Upper
75 100
110 32.2 15.9 47.7
77 30.4 24.3 36.5





#37

Ethyl Acetate

Concen: 20.056 ug/l

RT: 7.572 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN077028.D

Acq: 17 Mar 2023 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 159530

Ion Ratio Lower Upper

43 100

61 13.3 11.0 16.6

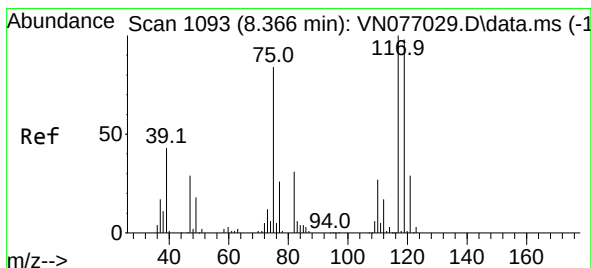
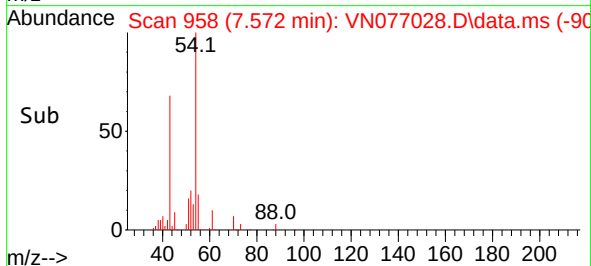
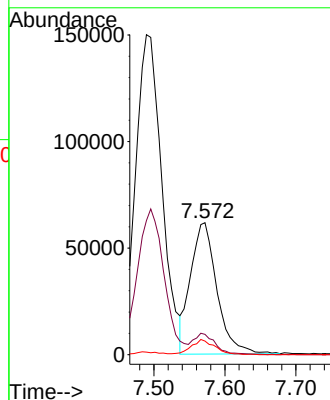
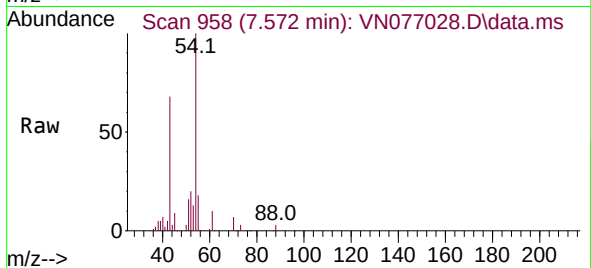
70 10.4 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#38

Carbon Tetrachloride

Concen: 20.102 ug/l

RT: 8.366 min Scan# 1093

Delta R.T. 0.000 min

Lab File: VN077028.D

Acq: 17 Mar 2023 11:01

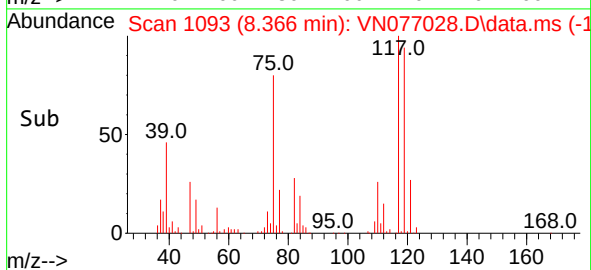
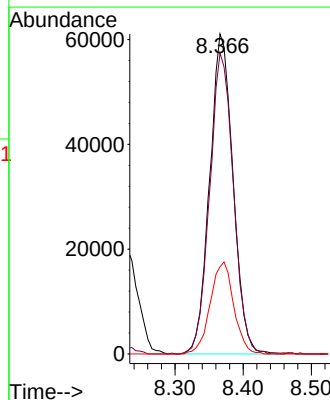
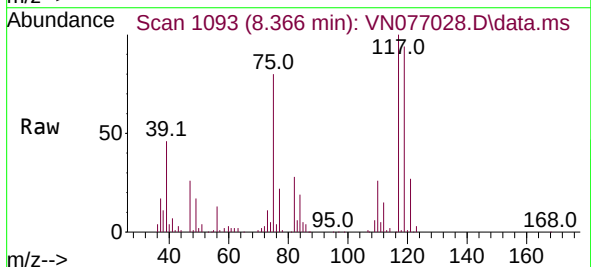
Tgt Ion:117 Resp: 145574

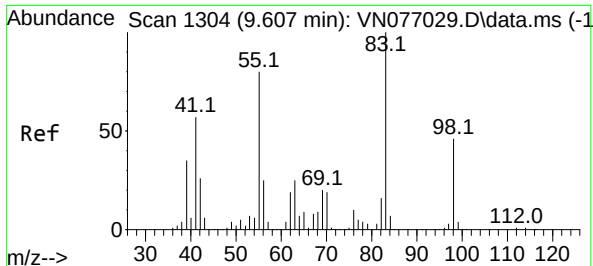
Ion Ratio Lower Upper

117 100

119 94.1 78.2 117.2

121 27.2 23.2 34.8





#39

Methylcyclohexane

Concen: 20.682 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. 0.000 min

Lab File: VN077028.D

Acq: 17 Mar 2023 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 179970

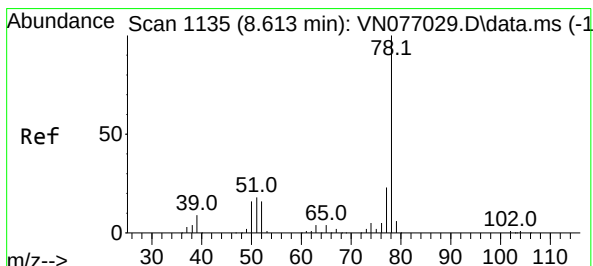
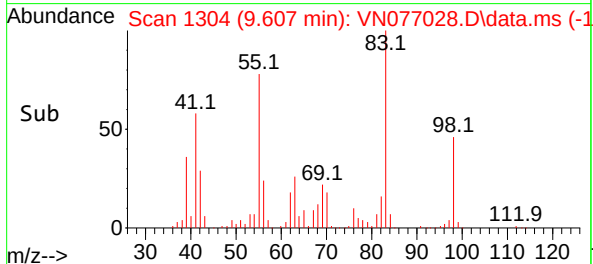
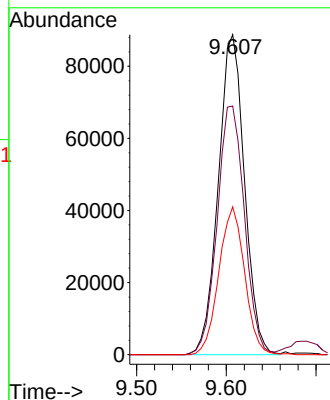
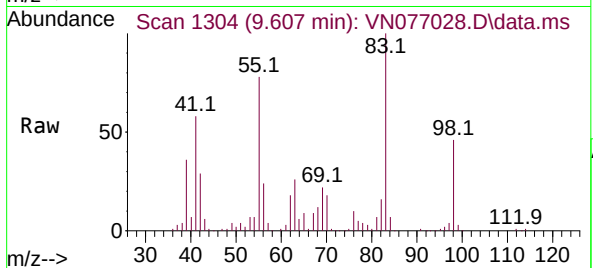
Ion	Ratio	Lower	Upper
83	100		
55	77.7	63.8	95.8
98	46.2	37.1	55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#40

Benzene

Concen: 20.038 ug/l

RT: 8.613 min Scan# 1135

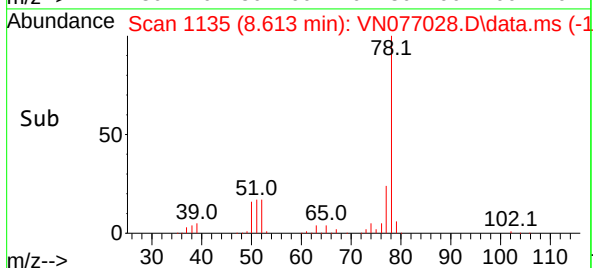
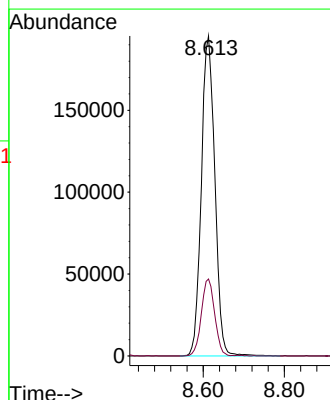
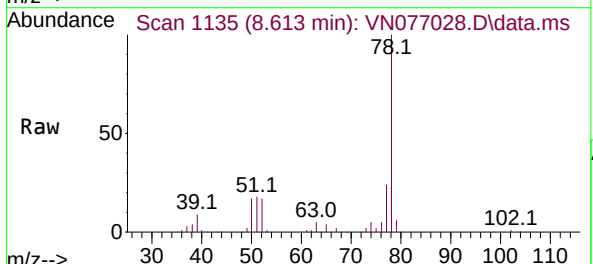
Delta R.T. 0.000 min

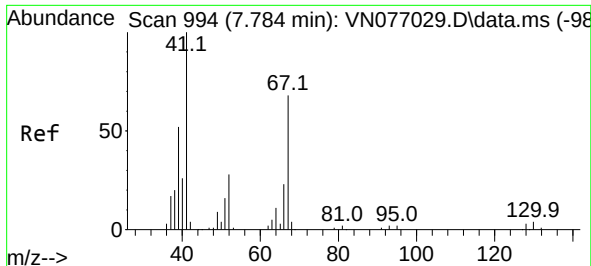
Lab File: VN077028.D

Acq: 17 Mar 2023 11:01

Tgt Ion: 78 Resp: 451815

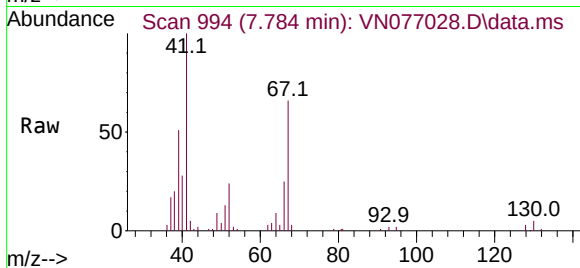
Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.5	27.7





#41
Methacrylonitrile
Concen: 19.995 ug/l m
RT: 7.784 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

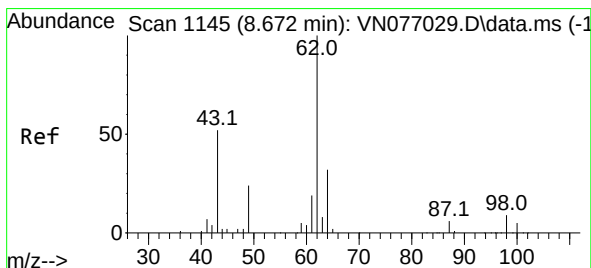
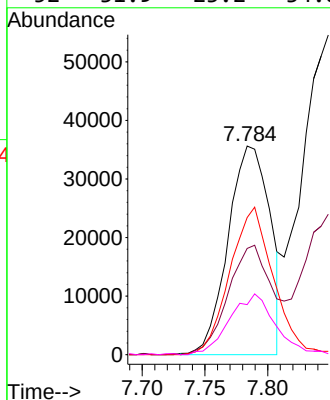
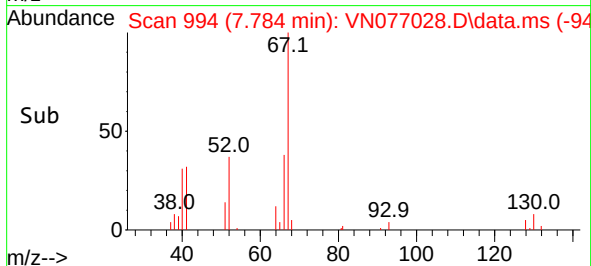
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



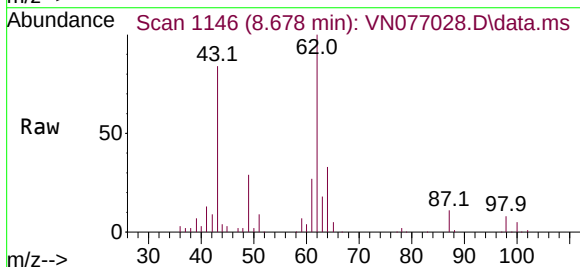
Tgt Ion:	41	Resp:	8269
Ion Ratio	Lower	Upper	
41	100		
39	56.0	41.6	62.4
67	73.6	53.8	80.8
52	31.9	23.2	34.8

Manual Integrations
APPROVED

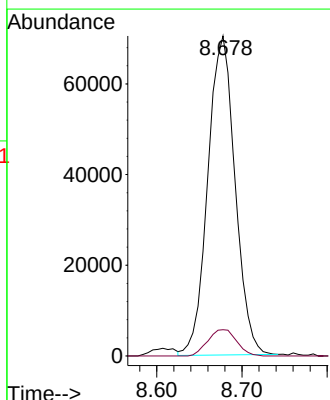
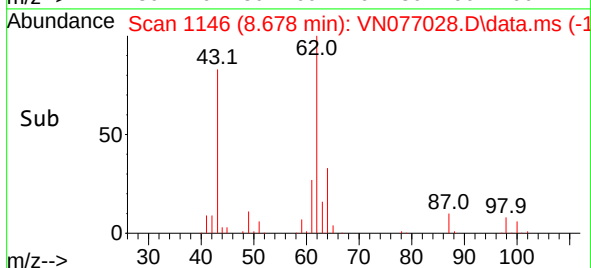
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

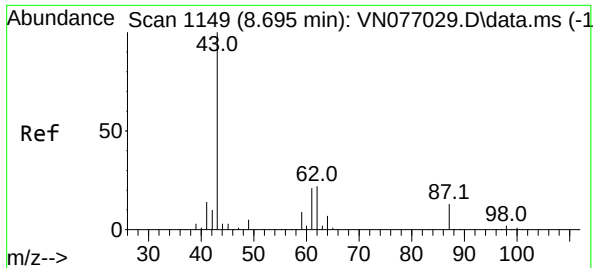


#42
1,2-Dichloroethane
Concen: 19.232 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01



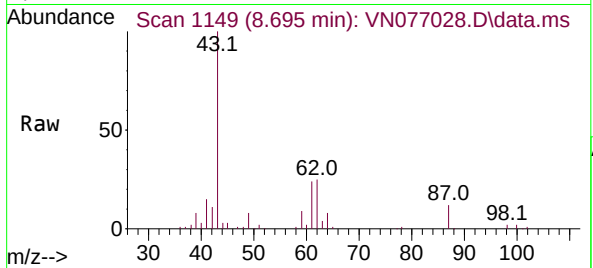
Tgt Ion:	62	Resp:	156700
Ion Ratio	Lower	Upper	
62	100		
98	8.7	0.0	17.4





#43
Isopropyl Acetate
Concen: 20.230 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

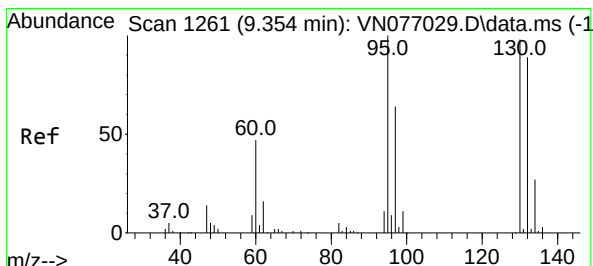
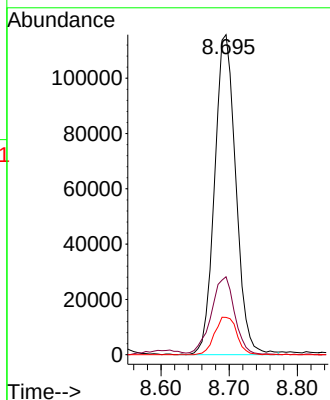
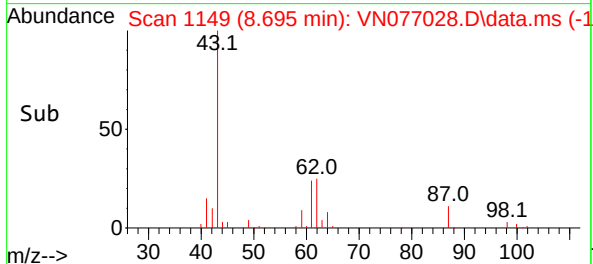
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



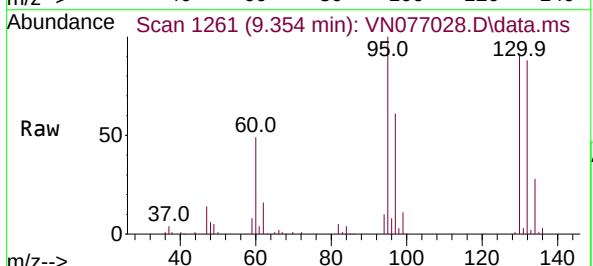
Tgt Ion: 43 Resp: 251379
Ion Ratio Lower Upper
43 100
61 27.0 20.6 30.8
87 12.2 10.0 15.0

Manual Integrations
APPROVED

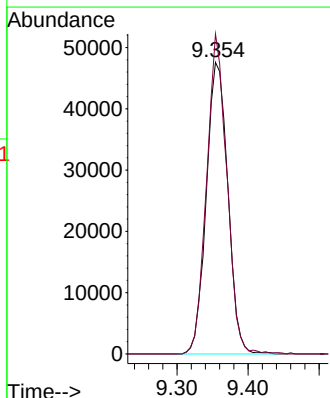
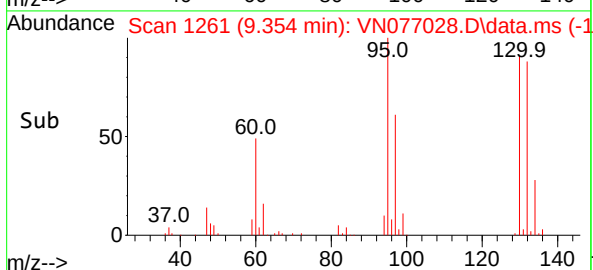
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

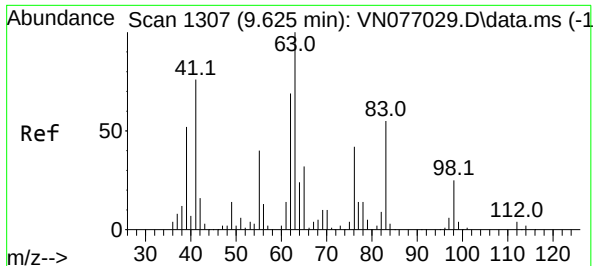


#44
Trichloroethene
Concen: 19.395 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01



Tgt Ion:130 Resp: 100449
Ion Ratio Lower Upper
130 100
95 109.7 0.0 204.4





#45

1,2-Dichloropropane

Concen: 20.264 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VN077028.D

Acq: 17 Mar 2023 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 121350

Ion Ratio Lower Upper

63 100

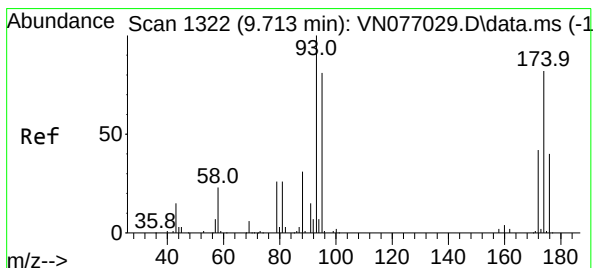
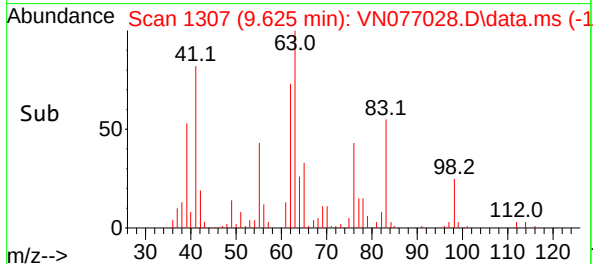
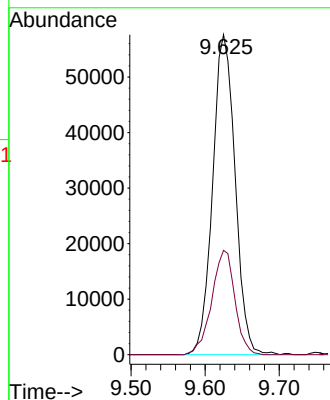
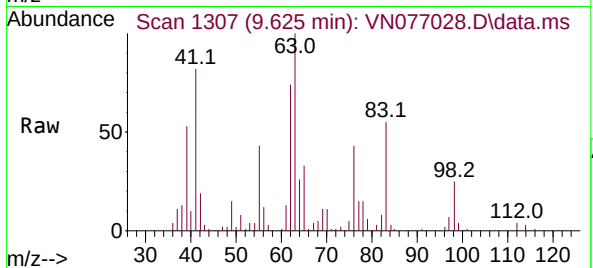
65 32.6 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#46

Dibromomethane

Concen: 19.777 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VN077028.D

Acq: 17 Mar 2023 11:01

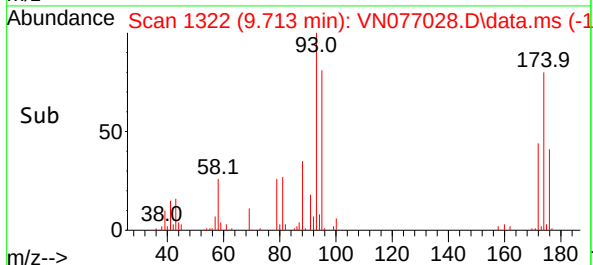
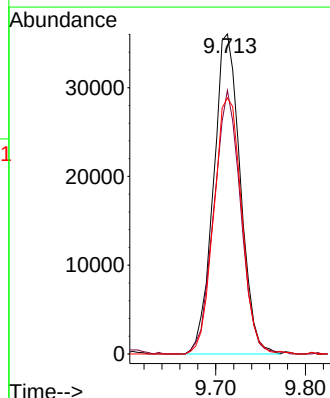
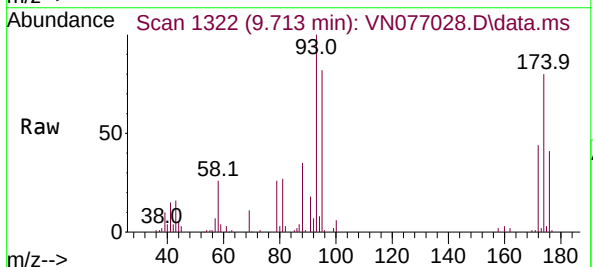
Tgt Ion: 93 Resp: 74694

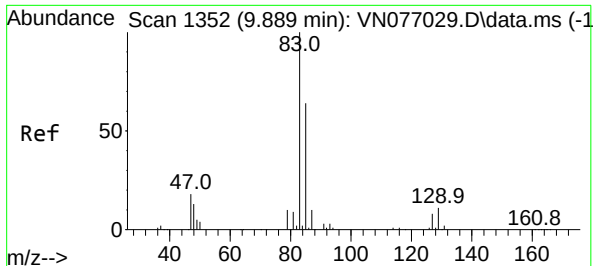
Ion Ratio Lower Upper

93 100

95 82.3 65.7 98.5

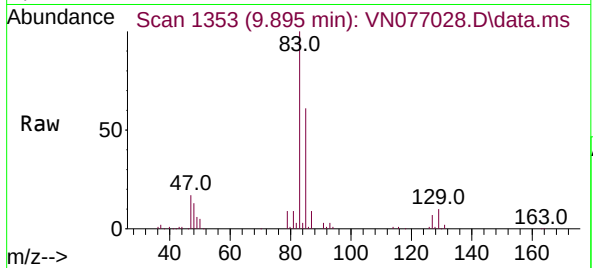
174 83.4 66.4 99.6





#47
Bromodichloromethane
Concen: 19.805 ug/l
RT: 9.895 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

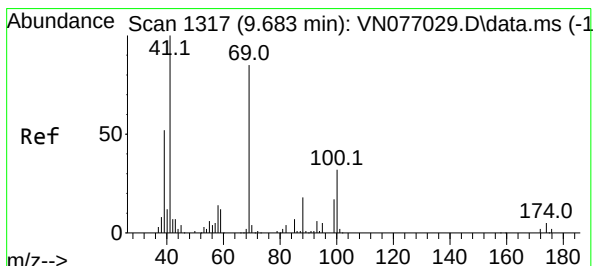
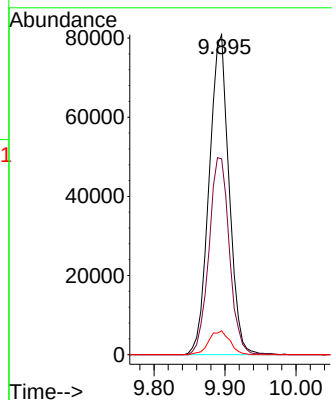
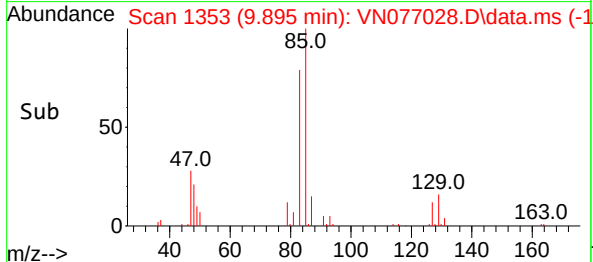
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 15688
Ion Ratio Lower Upper
83 100
85 61.2 51.0 76.4
127 7.4 6.1 9.1

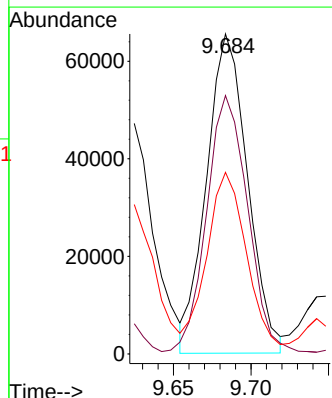
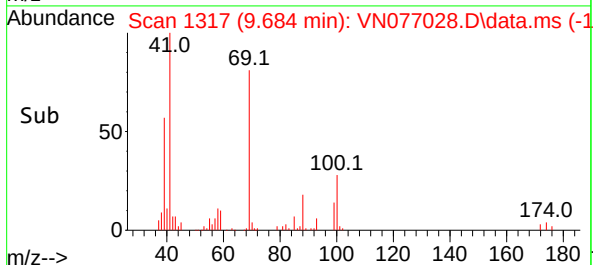
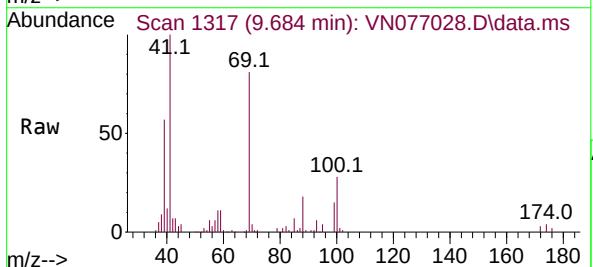
Manual Integrations
APPROVED

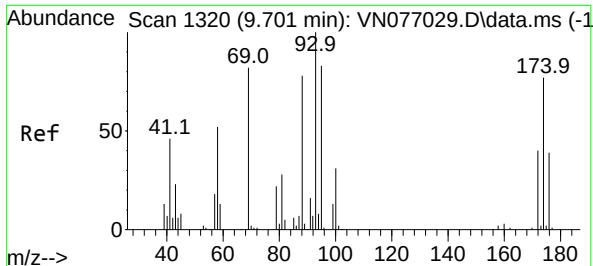
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#48
Methyl methacrylate
Concen: 20.284 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

Tgt Ion: 41 Resp: 120501
Ion Ratio Lower Upper
41 100
69 80.8 64.3 96.5
39 56.2 43.2 64.8





#49

1,4-Dioxane

Concen: 426.315 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN077028.D

Acq: 17 Mar 2023 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 43250

Ion Ratio Lower Upper

88 100

43 23.2 22.2 33.2

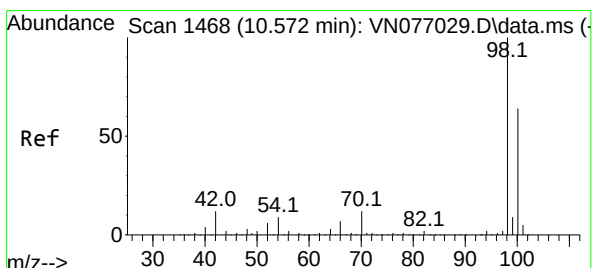
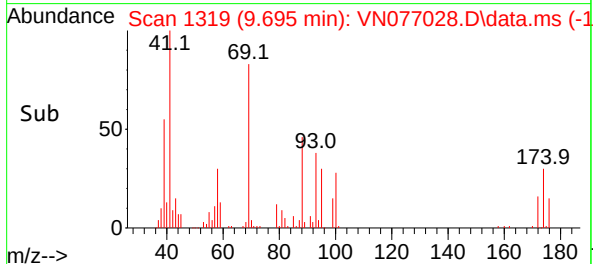
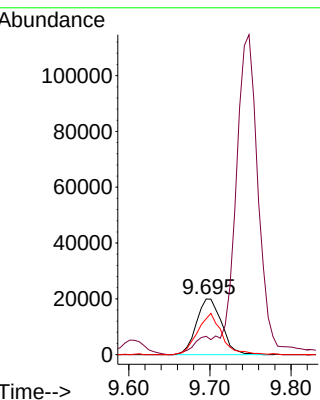
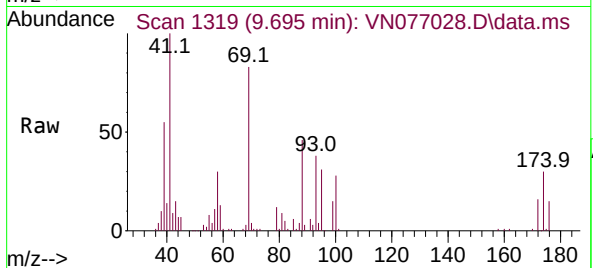
58 71.6 60.8 91.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#50

Toluene-d8

Concen: 19.309 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VN077028.D

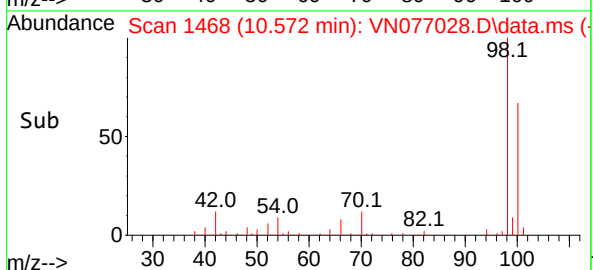
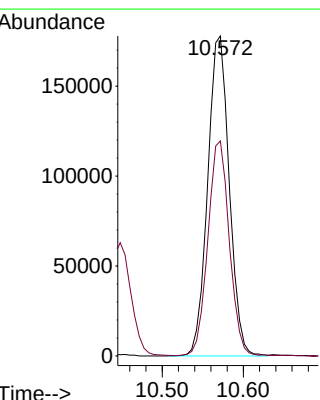
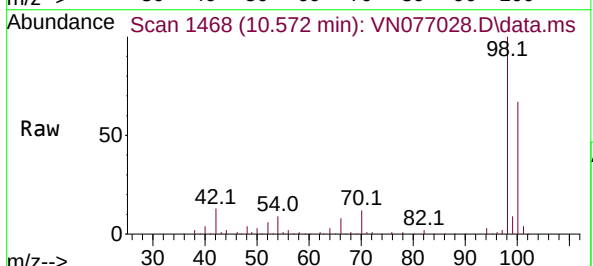
Acq: 17 Mar 2023 11:01

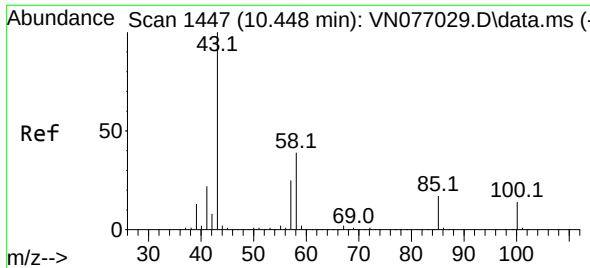
Tgt Ion: 98 Resp: 328308

Ion Ratio Lower Upper

98 100

100 66.7 51.6 77.4





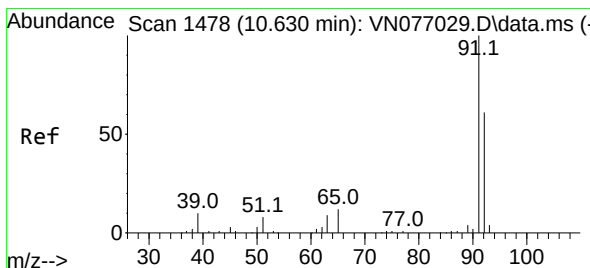
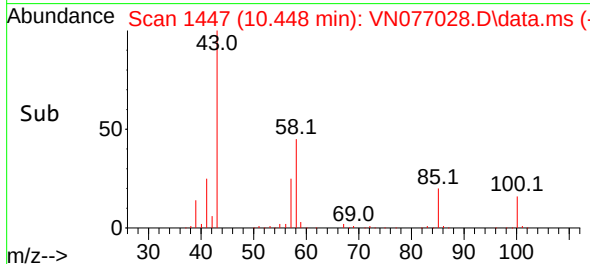
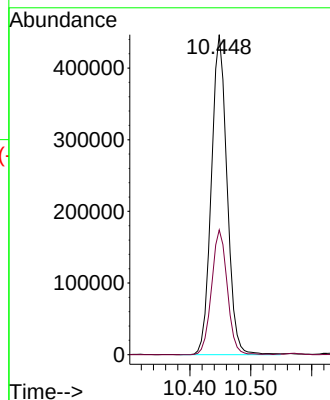
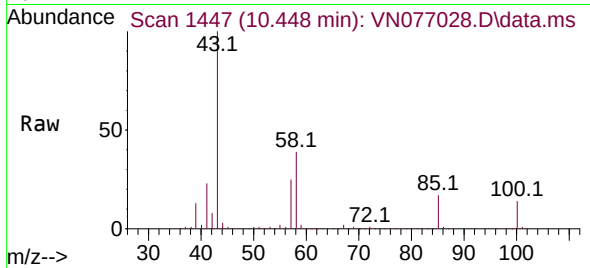
#51
4-Methyl-2-Pentanone
Concen: 103.158 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 79825
Ion Ratio Lower Upper
43 100
58 39.0 31.1 46.7

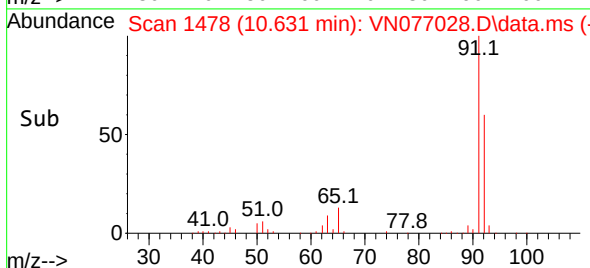
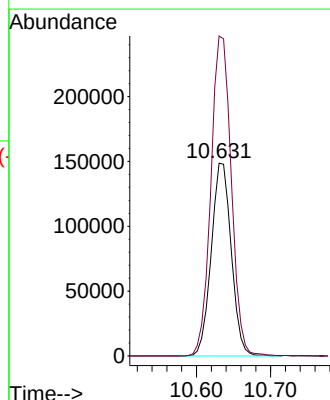
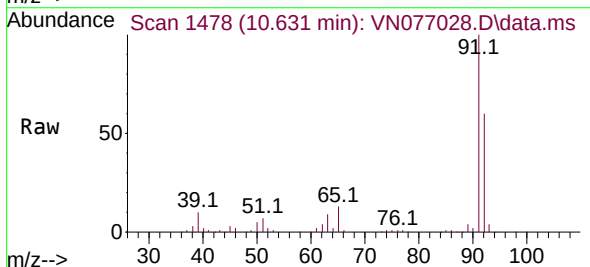
Manual Integrations
APPROVED

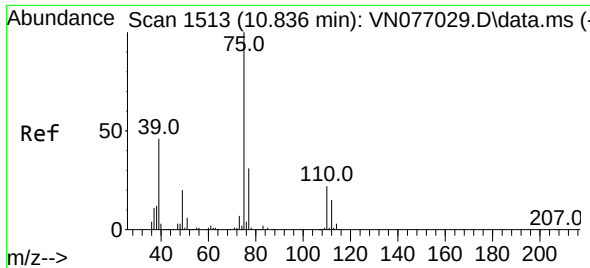
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#52
Toluene
Concen: 20.671 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

Tgt Ion: 92 Resp: 278290
Ion Ratio Lower Upper
92 100
91 169.5 135.8 203.8





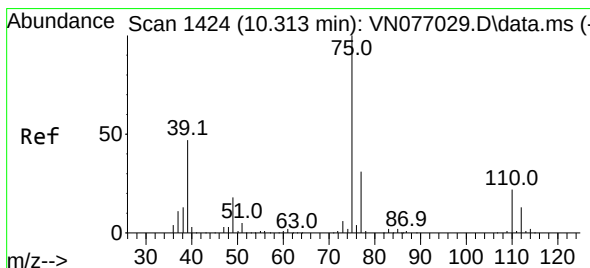
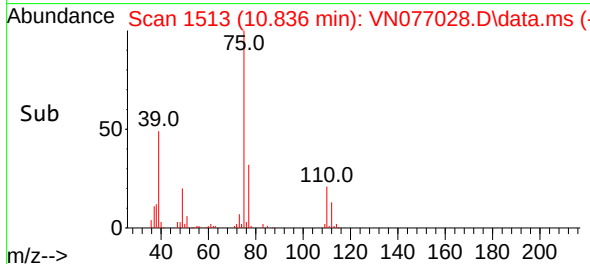
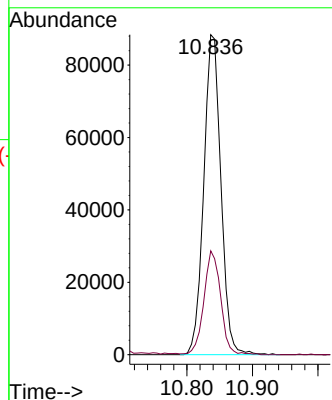
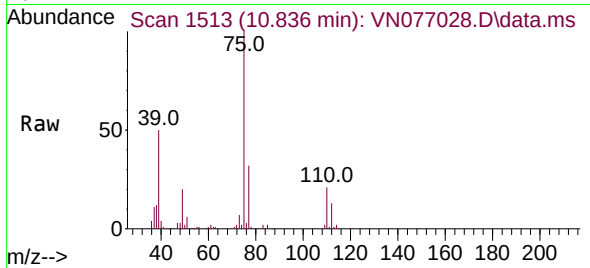
#53
t-1,3-Dichloropropene
Concen: 20.759 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 16116
Ion Ratio Lower Upper
75 100
77 32.5 25.1 37.7

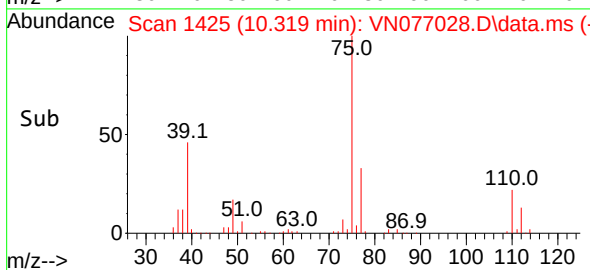
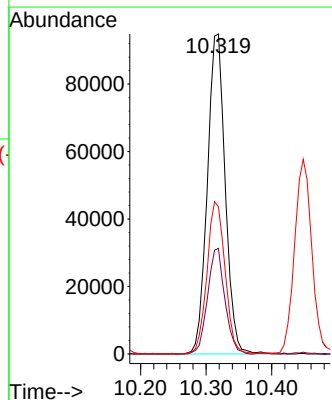
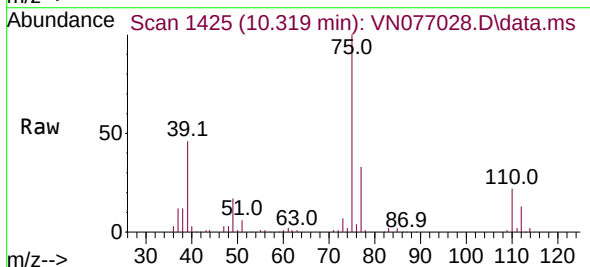
Manual Integrations
APPROVED

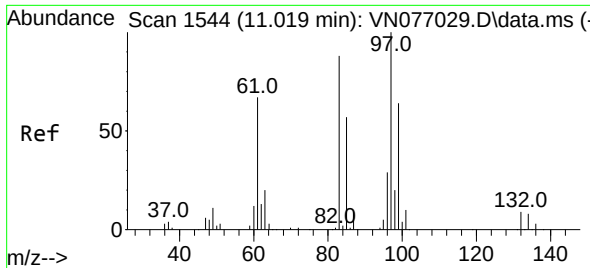
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#54
cis-1,3-Dichloropropene
Concen: 20.544 ug/l
RT: 10.319 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

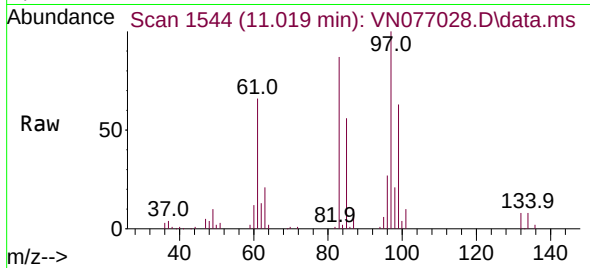
Tgt Ion: 75 Resp: 179957
Ion Ratio Lower Upper
75 100
77 33.0 24.5 36.7
39 46.0 37.8 56.6





#55
1,1,2-Trichloroethane
Concen: 19.984 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

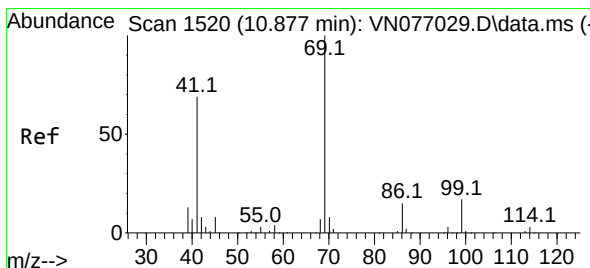
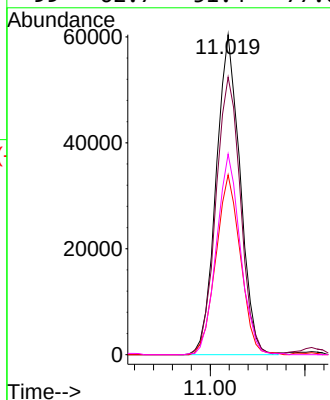
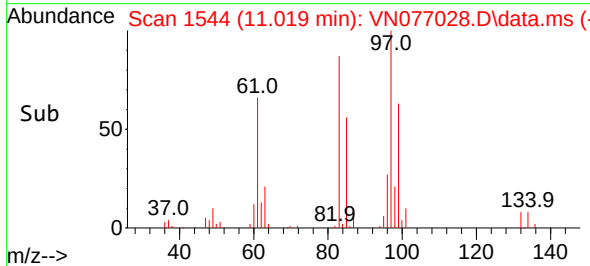
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:	97	Resp:	10609
Ion Ratio	100	Lower	Upper
97	100		
83	86.8	70.5	105.7
85	56.2	45.4	68.2
99	62.7	51.4	77.0

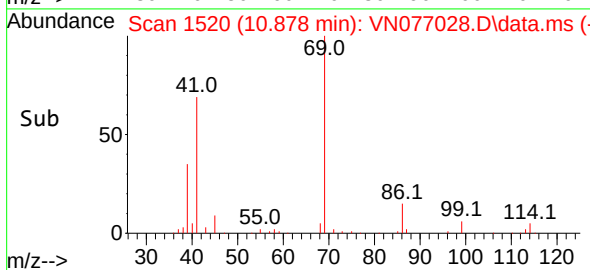
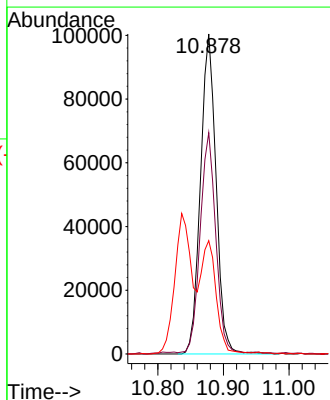
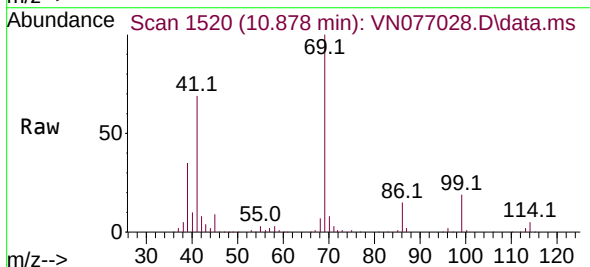
Manual Integrations
APPROVED

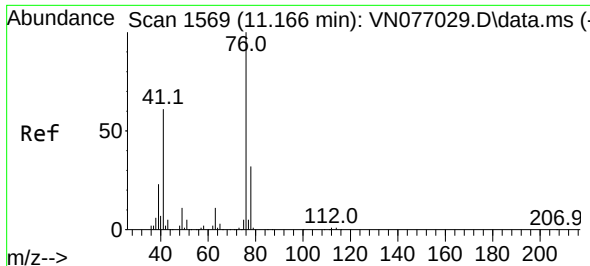
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#56
Ethyl methacrylate
Concen: 20.877 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

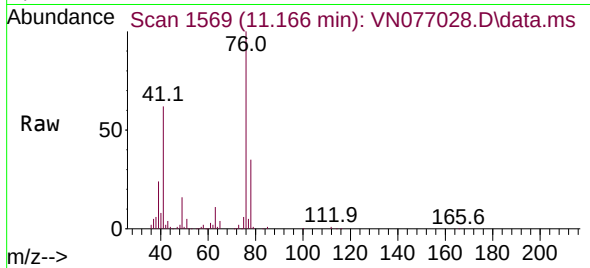
Tgt Ion:	69	Resp:	166657
Ion Ratio	100	Lower	Upper
69	100		
41	68.3	54.9	82.3
39	33.0	26.6	40.0





#57
1,3-Dichloropropane
Concen: 20.038 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

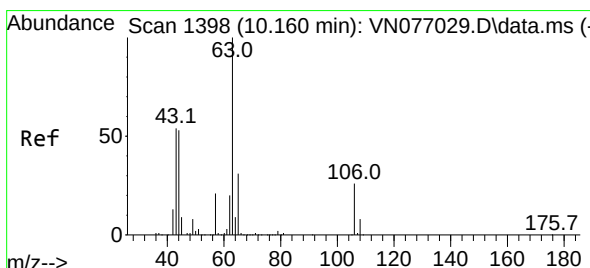
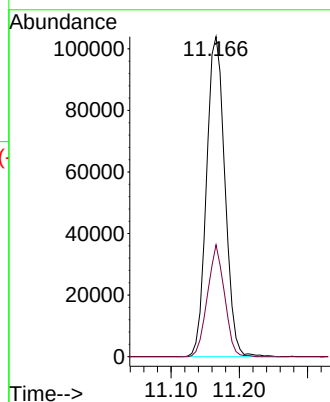
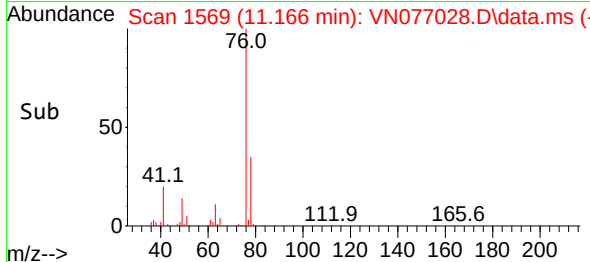
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 19475
Ion Ratio Lower Upper
76 100
78 32.5 25.3 37.9

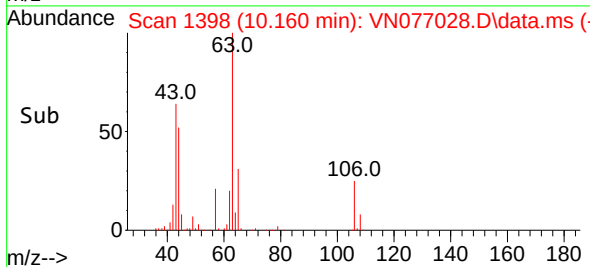
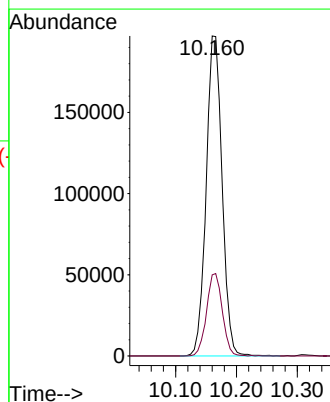
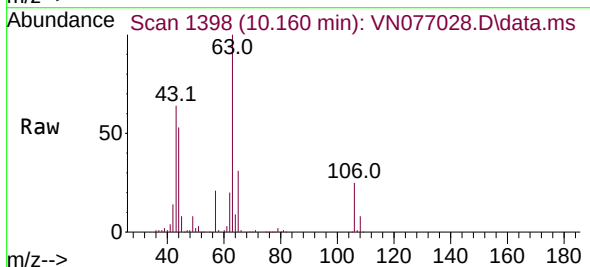
Manual Integrations
APPROVED

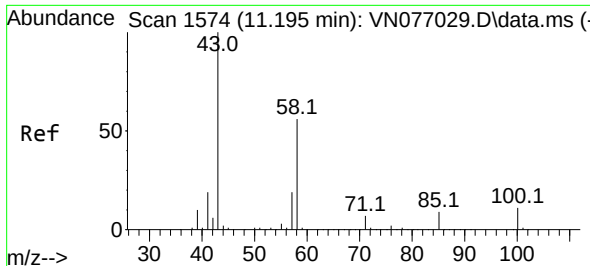
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#58
2-Chloroethyl Vinyl ether
Concen: 104.981 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

Tgt Ion: 63 Resp: 357284
Ion Ratio Lower Upper
63 100
106 25.6 20.6 31.0





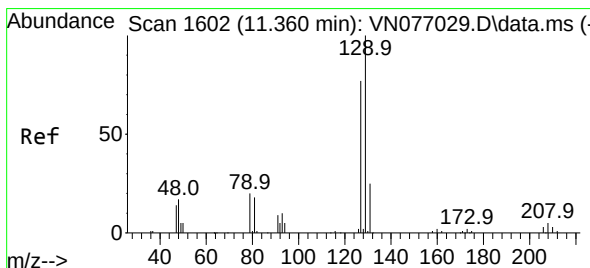
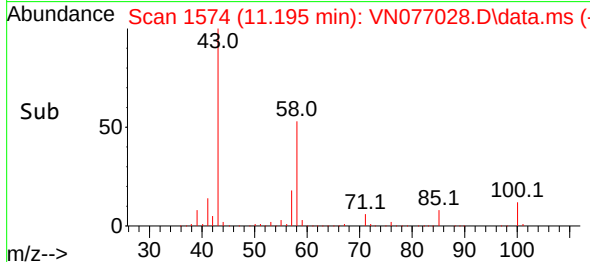
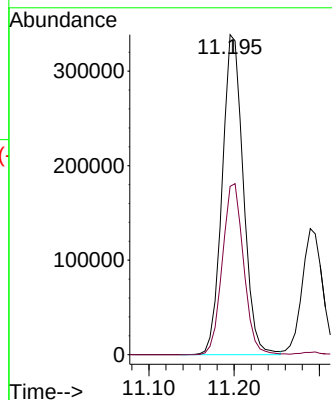
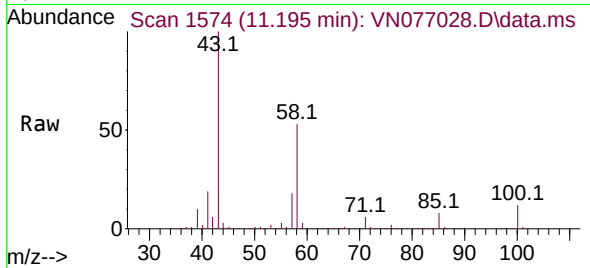
#59
2-Hexanone
Concen: 103.988 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 583640
Ion Ratio Lower Upper
43 100
58 53.8 27.7 83.1

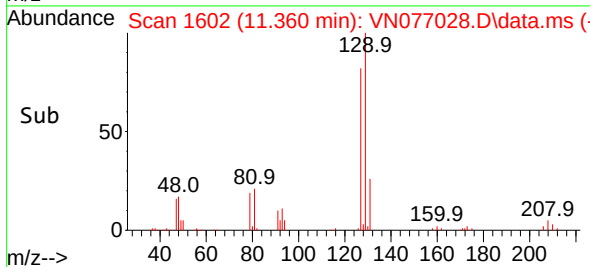
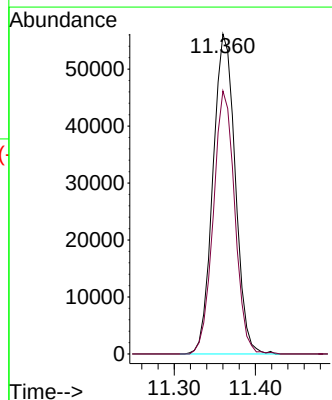
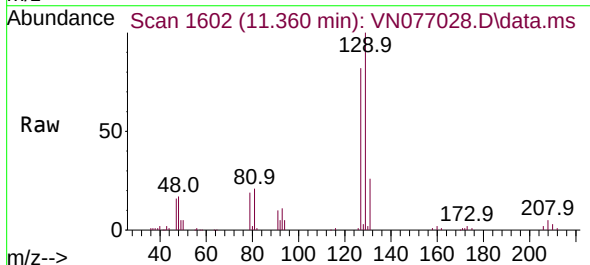
Manual Integrations
APPROVED

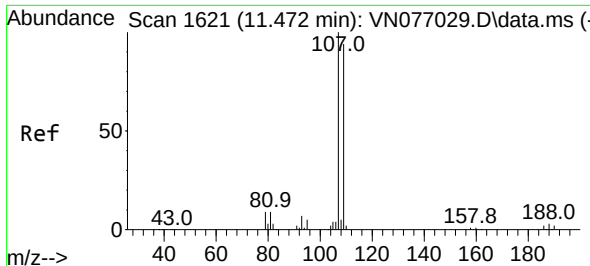
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#60
Dibromochloromethane
Concen: 20.088 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

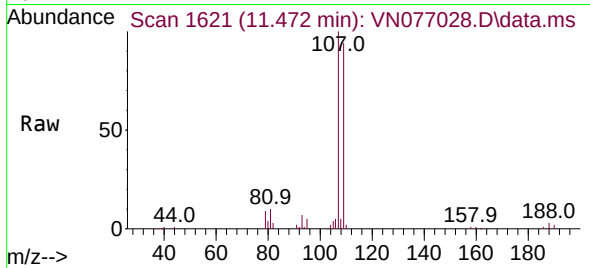
Tgt Ion:129 Resp: 107121
Ion Ratio Lower Upper
129 100
127 79.0 38.6 115.7





#61
1,2-Dibromoethane
Concen: 19.754 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

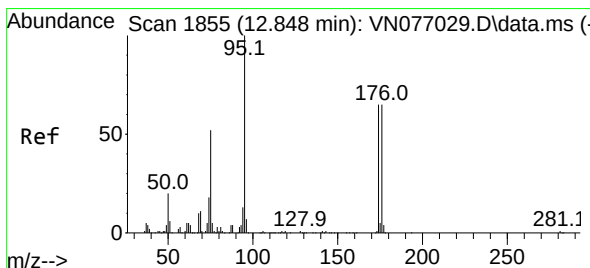
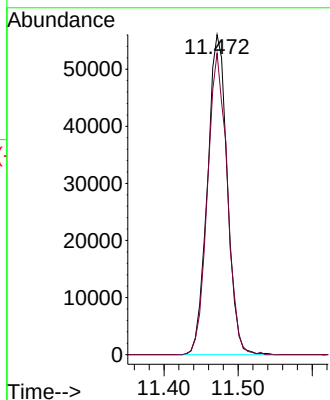
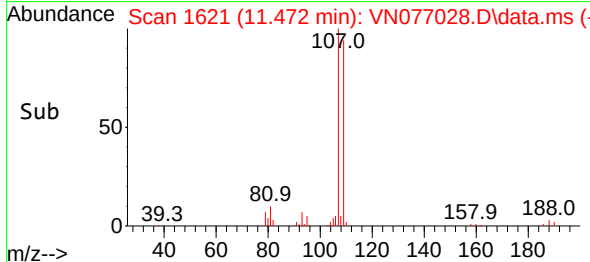
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



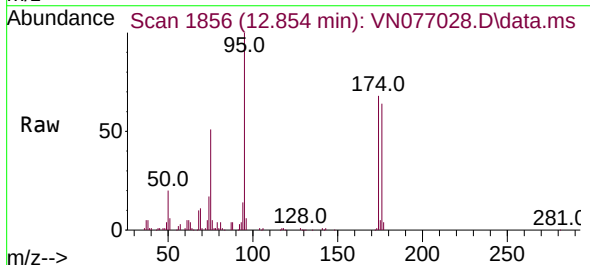
Tgt Ion:107 Resp: 103992
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4

Manual Integrations
APPROVED

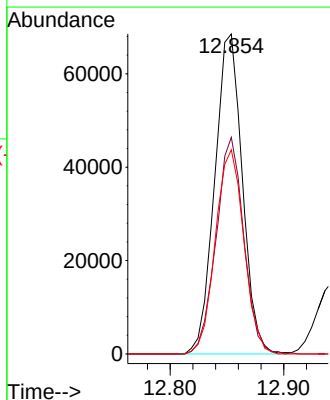
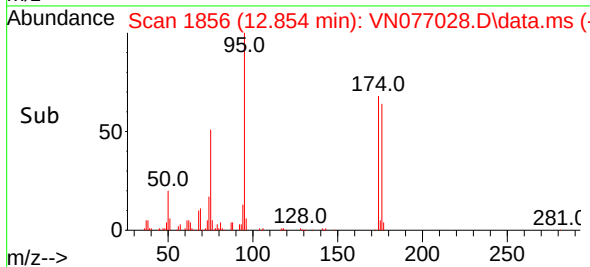
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

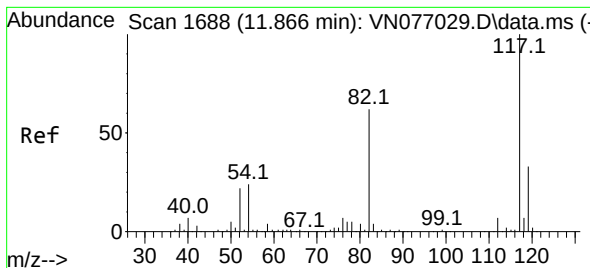


#62
4-Bromofluorobenzene
Concen: 19.247 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01



Tgt Ion: 95 Resp: 115641
Ion Ratio Lower Upper
95 100
174 67.8 0.0 136.6
176 65.9 0.0 130.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.866 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VN077028.D

Acq: 17 Mar 2023 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:117 Resp: 60329

Ion Ratio Lower Upper

117 100

82 61.1 49.4 74.0

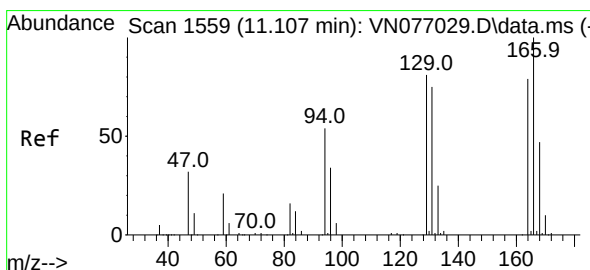
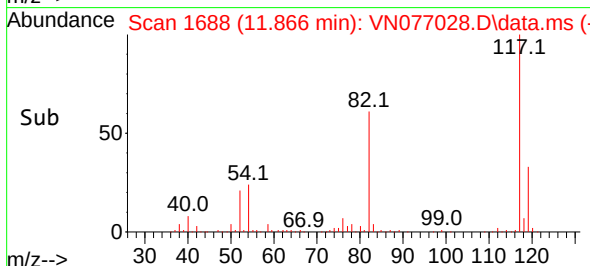
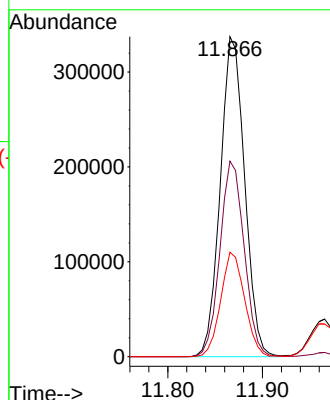
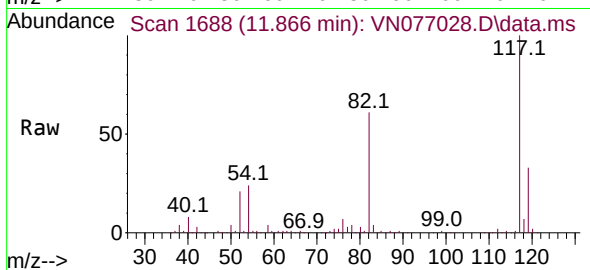
119 32.6 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#64

Tetrachloroethene

Concen: 20.096 ug/l

RT: 11.107 min Scan# 1559

Delta R.T. 0.000 min

Lab File: VN077028.D

Acq: 17 Mar 2023 11:01

Tgt Ion:164 Resp: 81368

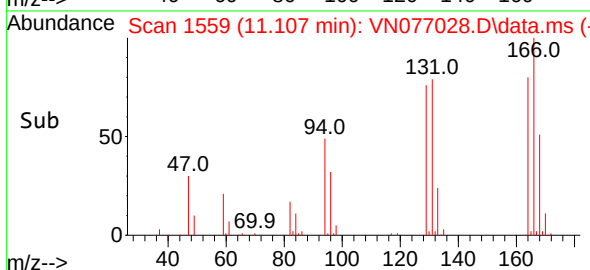
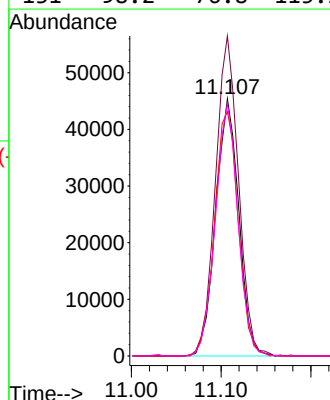
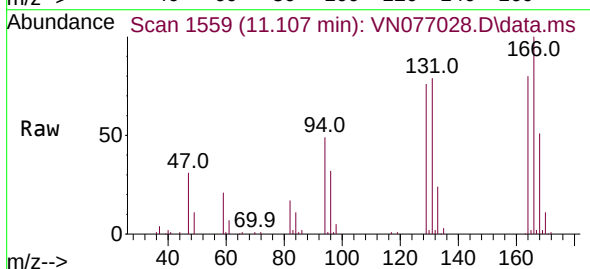
Ion Ratio Lower Upper

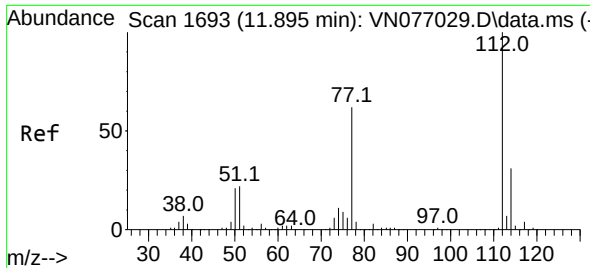
164 100

166 124.5 101.9 152.9

129 95.0 82.6 123.8

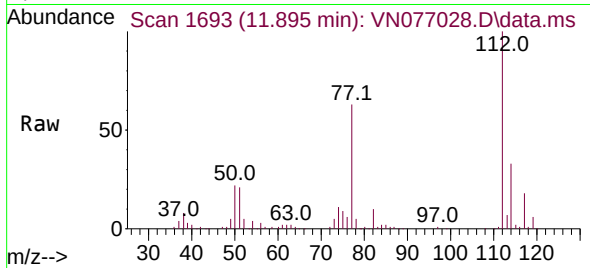
131 98.2 76.8 115.2





#65
Chlorobenzene
Concen: 19.763 ug/l
RT: 11.895 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

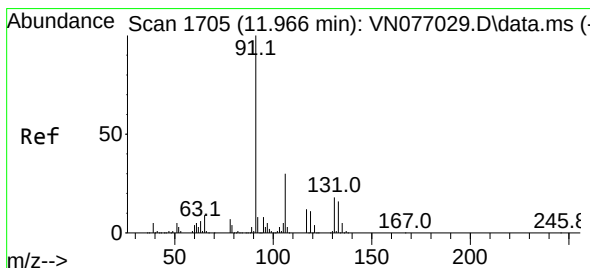
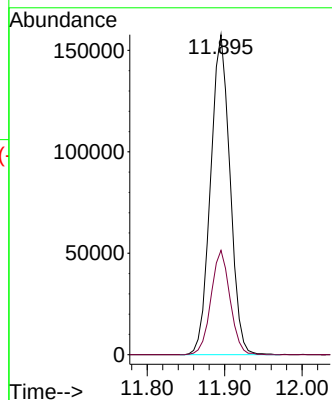
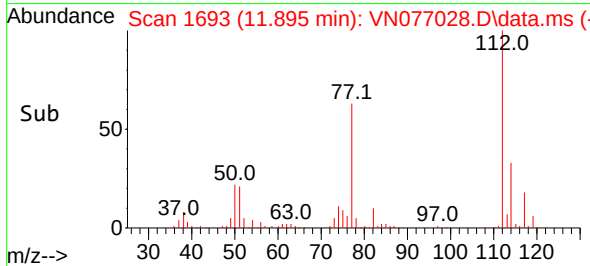
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



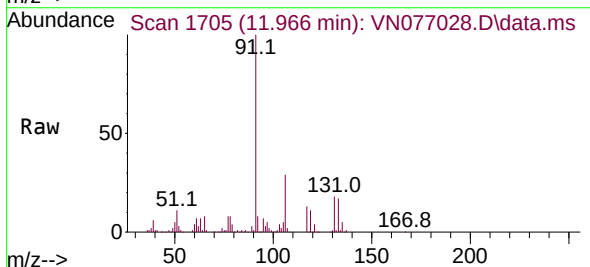
Tgt Ion:112 Resp: 274335
Ion Ratio Lower Upper
112 100
114 32.6 24.8 37.2

Manual Integrations
APPROVED

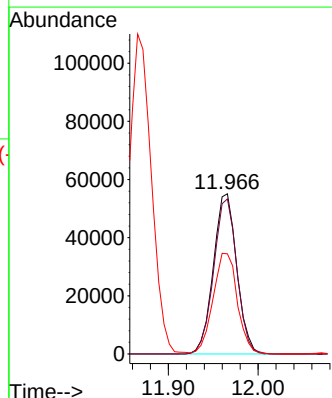
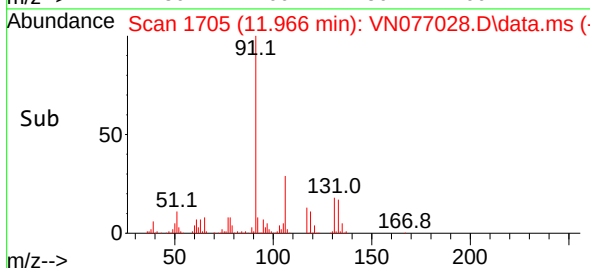
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

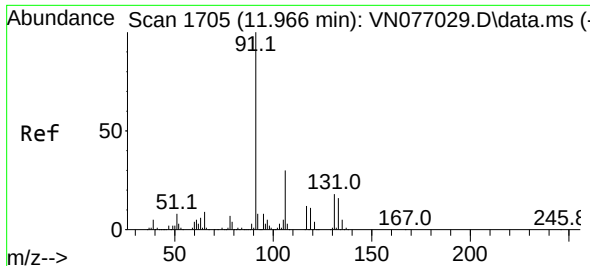


#66
1,1,1,2-Tetrachloroethane
Concen: 19.425 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01



Tgt Ion:131 Resp: 99771
Ion Ratio Lower Upper
131 100
133 95.8 46.8 140.3
119 65.1 32.6 97.8





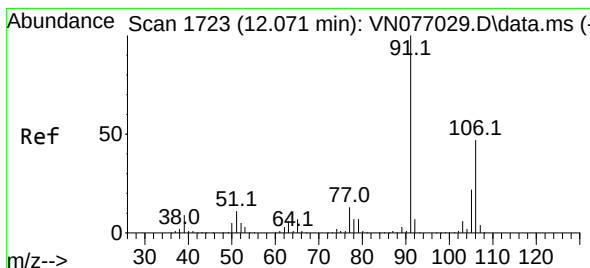
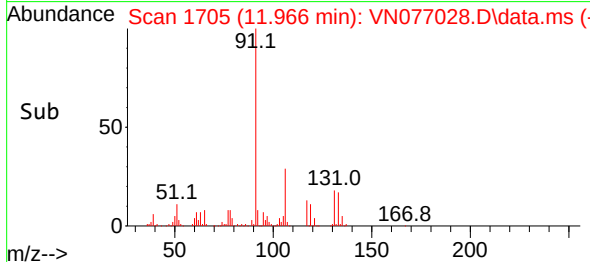
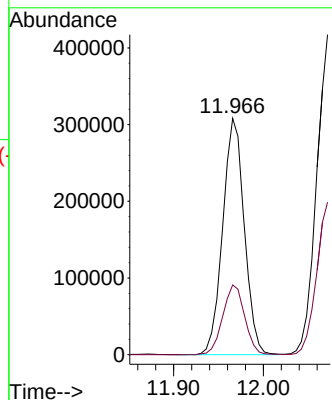
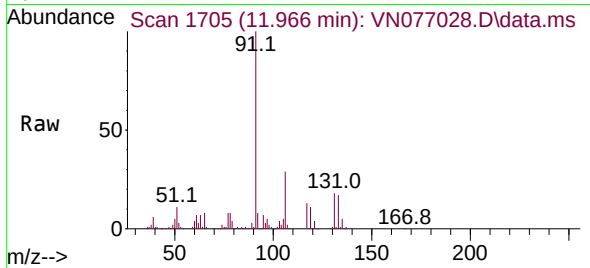
#67
Ethyl Benzene
Concen: 20.380 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 51384
Ion Ratio Lower Upper
91 100
106 29.5 24.3 36.5

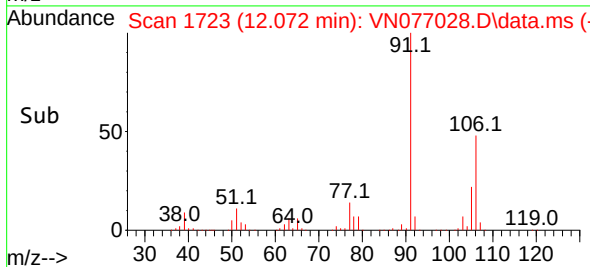
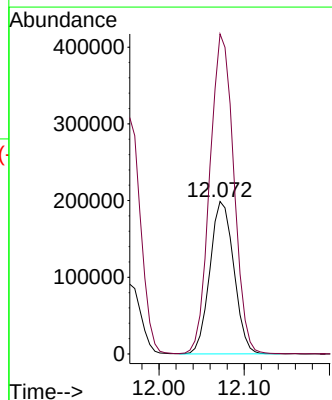
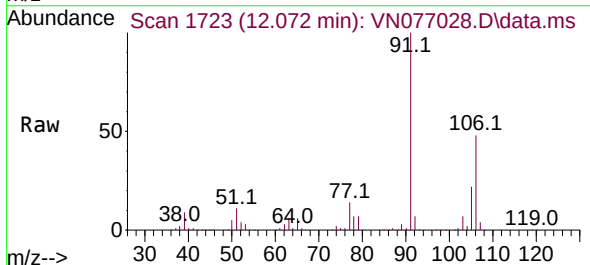
Manual Integrations
APPROVED

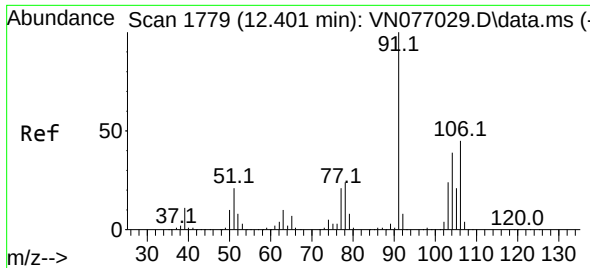
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#68
m/p-Xylenes
Concen: 41.511 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

Tgt Ion:106 Resp: 388162
Ion Ratio Lower Upper
106 100
91 210.1 168.0 252.0





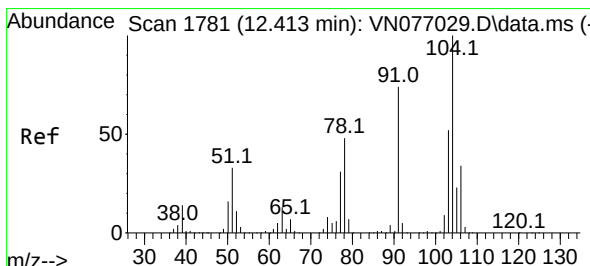
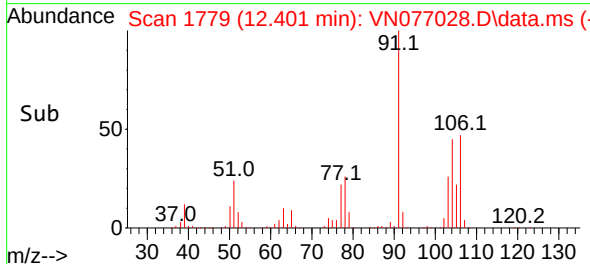
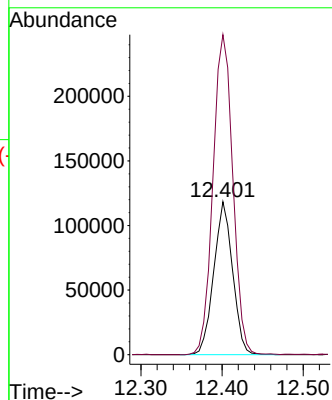
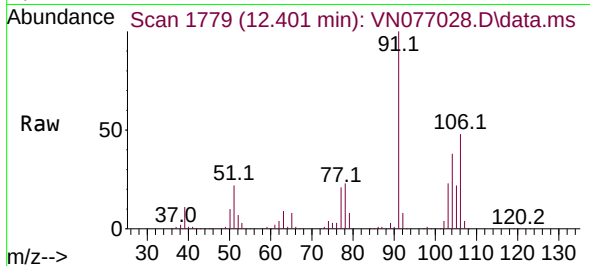
#69
o-Xylene
Concen: 20.572 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 19114
Ion Ratio Lower Upper
106 100
91 220.2 110.3 330.9

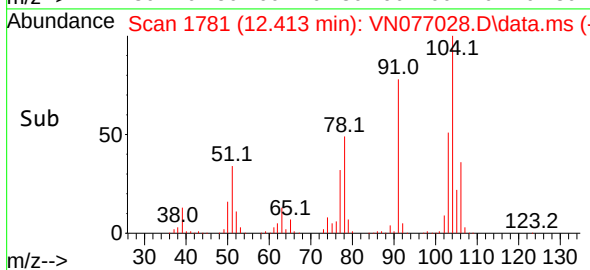
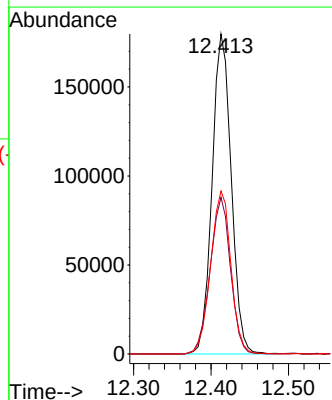
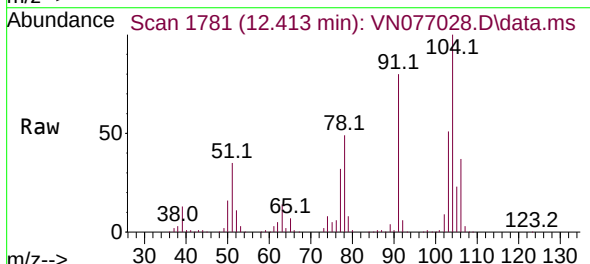
Manual Integrations
APPROVED

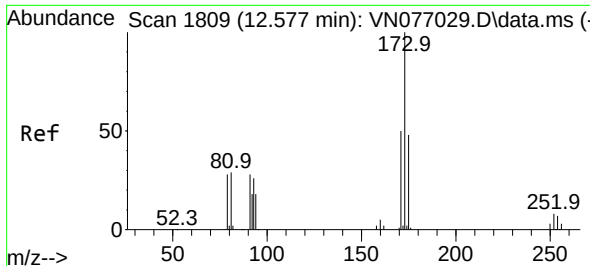
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#70
Styrene
Concen: 21.410 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

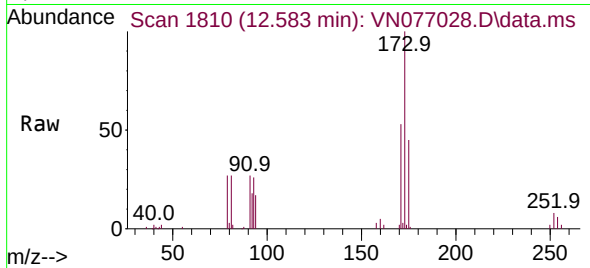
Tgt Ion:104 Resp: 309704
Ion Ratio Lower Upper
104 100
78 51.8 41.8 62.8
103 53.9 43.8 65.6





#71
Bromoform
Concen: 20.181 ug/l
RT: 12.583 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

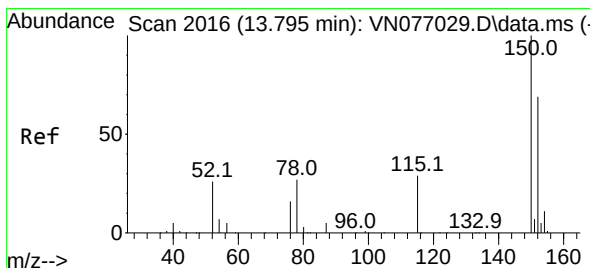
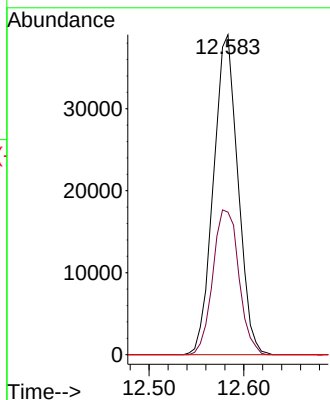
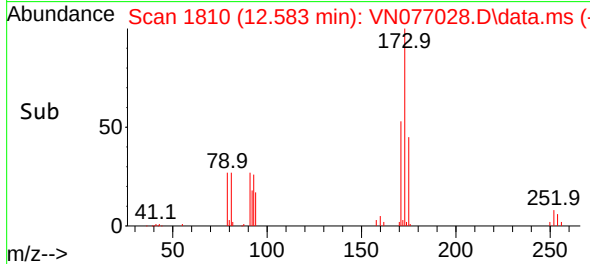
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



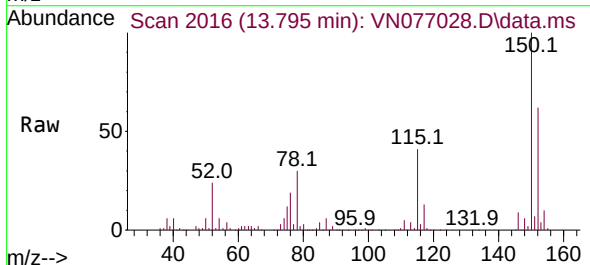
Tgt Ion:173 Resp: 7024
Ion Ratio Lower Upper
173 100
175 48.0 24.5 73.5
254 0.0 0.1 0.1

Manual Integrations
APPROVED

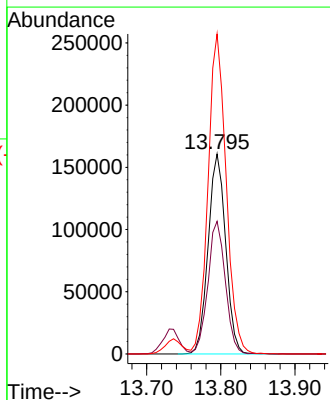
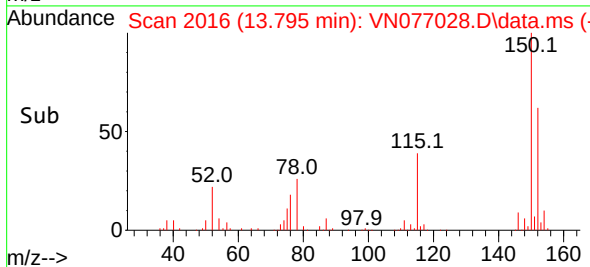
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

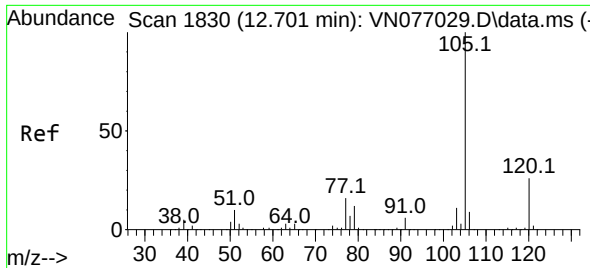


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01



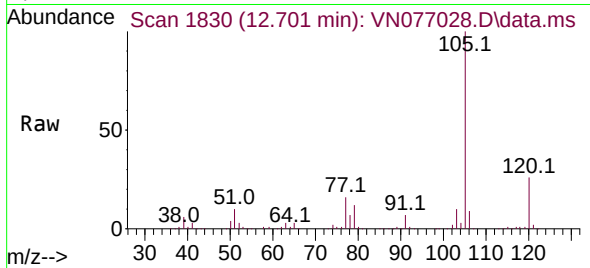
Tgt Ion:152 Resp: 263786
Ion Ratio Lower Upper
152 100
115 66.2 31.9 95.7
150 165.3 0.0 348.0





#73
Isopropylbenzene
Concen: 20.868 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

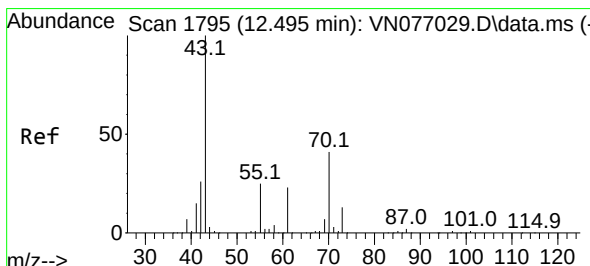
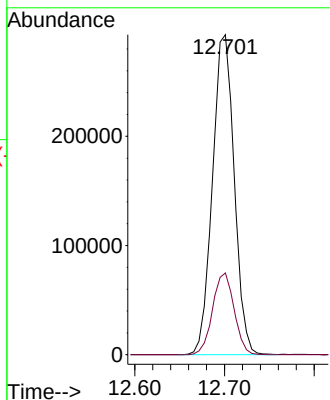
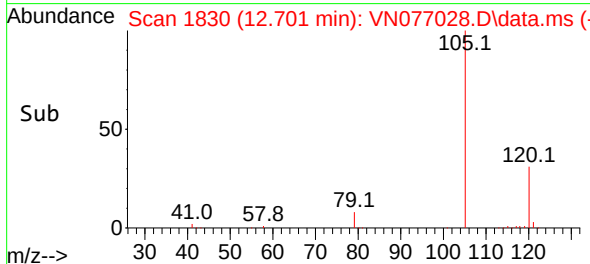
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



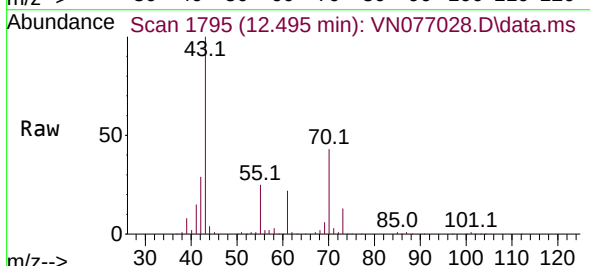
Tgt Ion:105 Resp: 493300
Ion Ratio Lower Upper
105 100
120 25.2 12.8 38.4

Manual Integrations
APPROVED

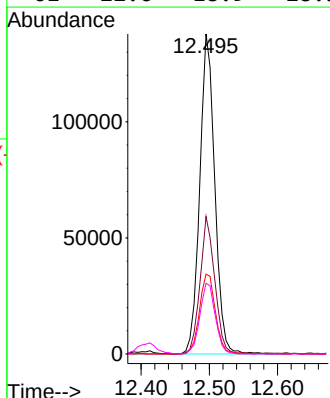
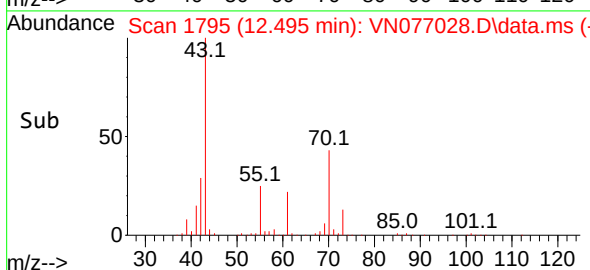
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

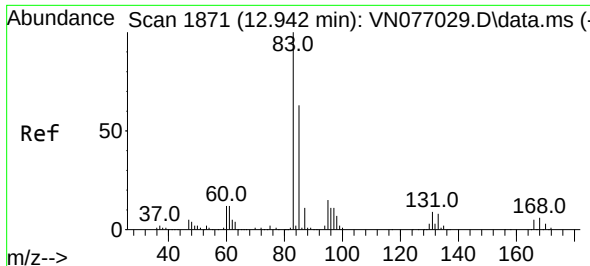


#74
N-ethyl acetate
Concen: 20.676 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01



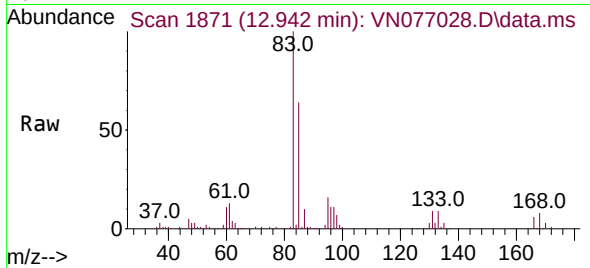
Tgt Ion: 43 Resp: 211562
Ion Ratio Lower Upper
43 100
70 42.1 33.6 50.4
55 26.5 20.3 30.5
61 22.6 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 18.936 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

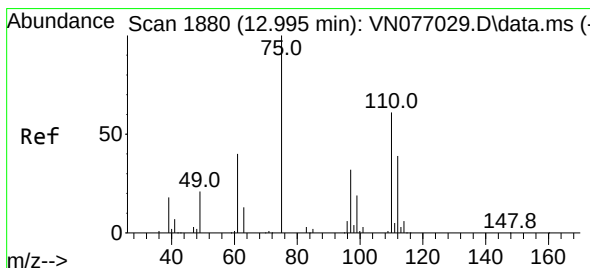
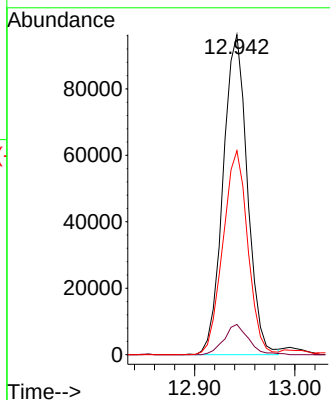
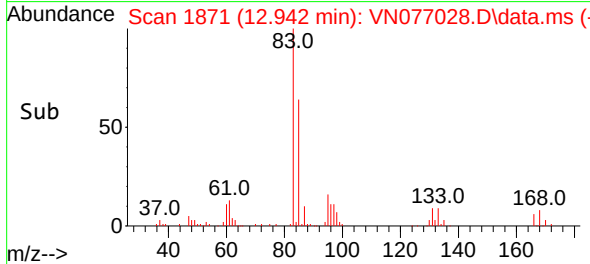
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 162179
Ion Ratio Lower Upper
83 100
131 9.5 4.5 13.7
85 65.3 31.9 95.9

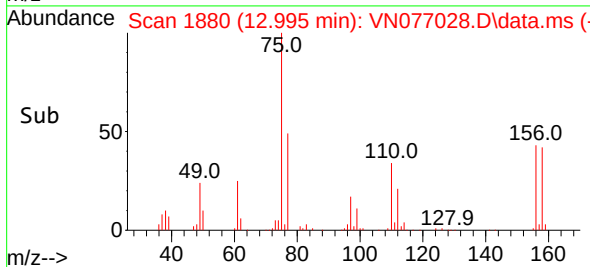
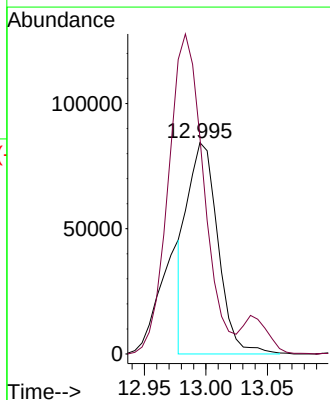
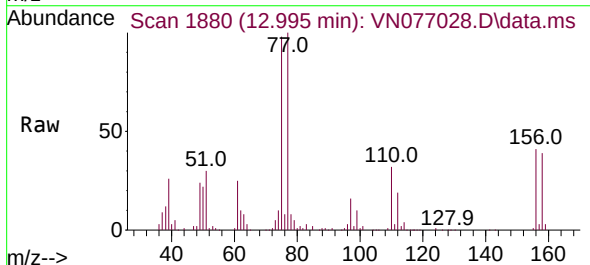
Manual Integrations
APPROVED

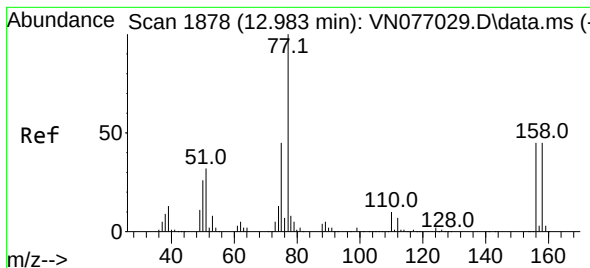
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#76
1,2,3-Trichloropropane
Concen: 21.512 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

Tgt Ion: 75 Resp: 146796
Ion Ratio Lower Upper
75 100
77 174.5 107.3 322.0





#77

Bromobenzene

Concen: 19.959 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077028.D

Acq: 17 Mar 2023 11:01

Instrument :

MSVOA_N

ClientSampleId :

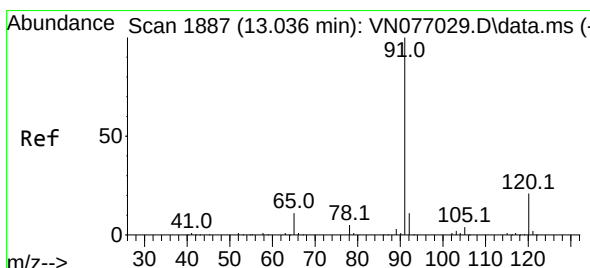
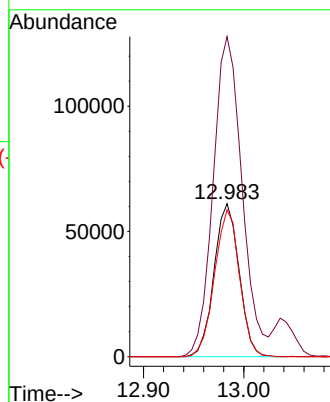
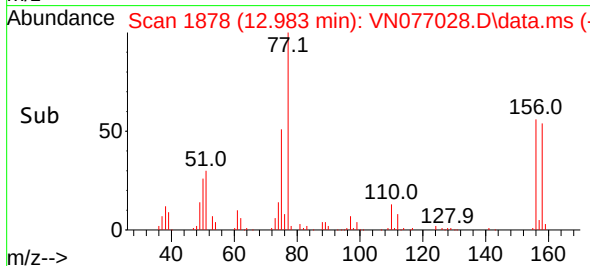
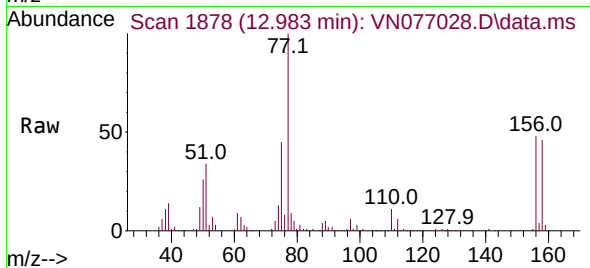
VSTDIC020

Tgt Ion:156 Resp: 105693
 Ion Ratio Lower Upper
 156 100
 77 242.3 124.8 374.3
 158 95.9 48.6 145.9

Manual Integrations

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



#78

n-propylbenzene

Concen: 21.219 ug/l

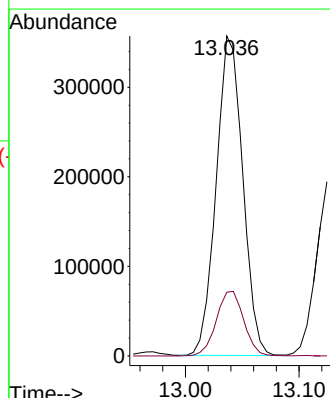
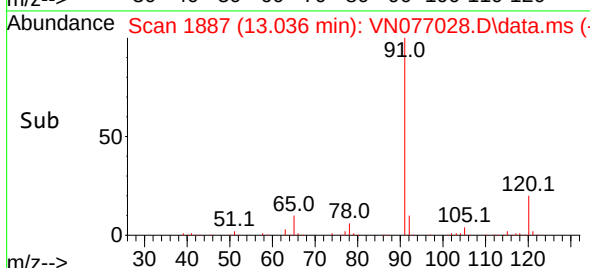
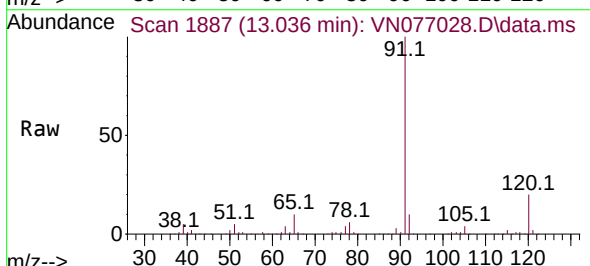
RT: 13.036 min Scan# 1887

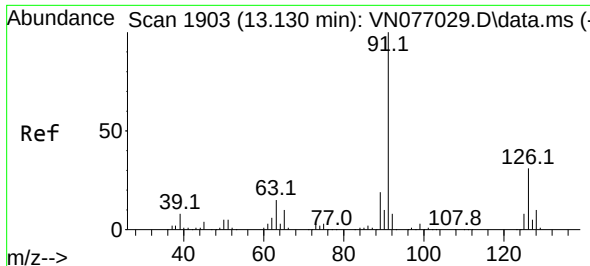
Delta R.T. 0.000 min

Lab File: VN077028.D

Acq: 17 Mar 2023 11:01

Tgt Ion: 91 Resp: 579046
 Ion Ratio Lower Upper
 91 100
 120 21.0 10.8 32.3





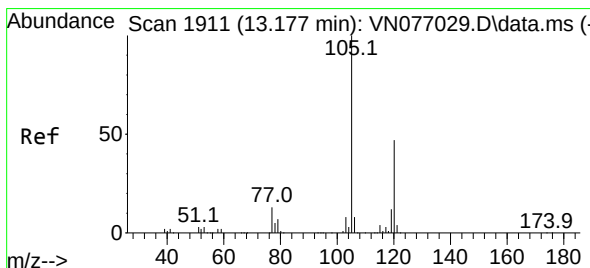
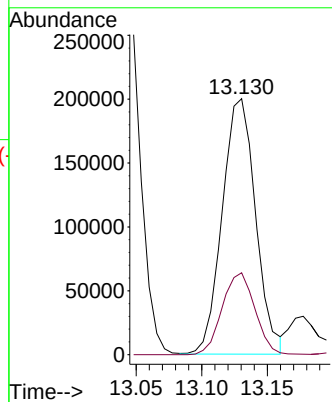
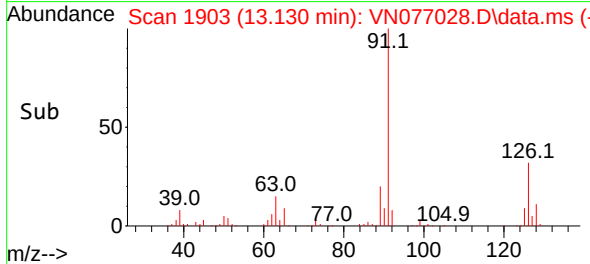
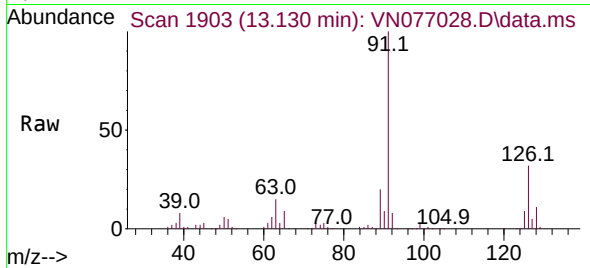
#79
2-Chlorotoluene
Concen: 20.373 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 35426
Ion Ratio Lower Upper
91 100
126 31.5 15.2 45.5

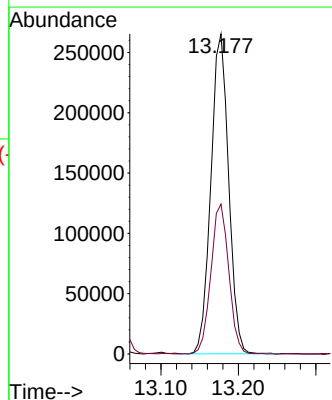
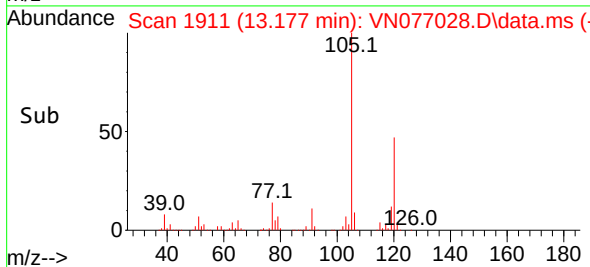
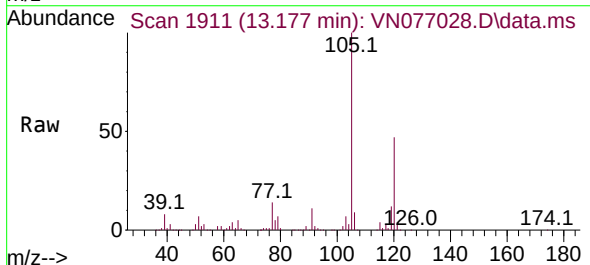
Manual Integrations
APPROVED

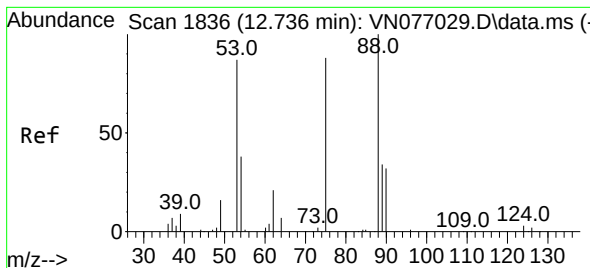
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.366 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

Tgt Ion:105 Resp: 421701
Ion Ratio Lower Upper
105 100
120 47.3 23.4 70.2





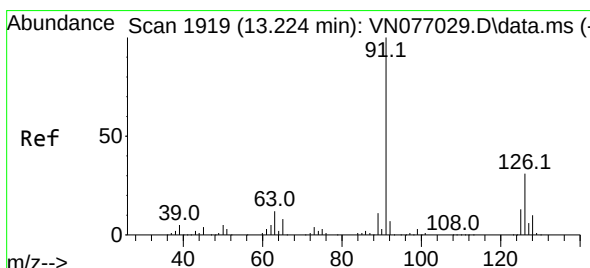
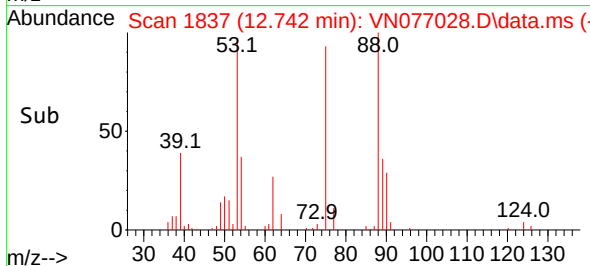
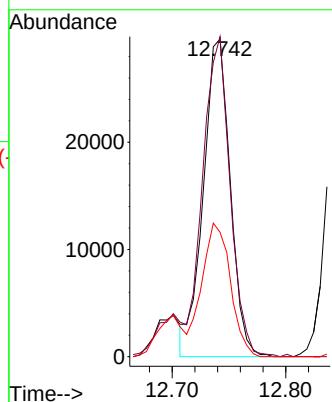
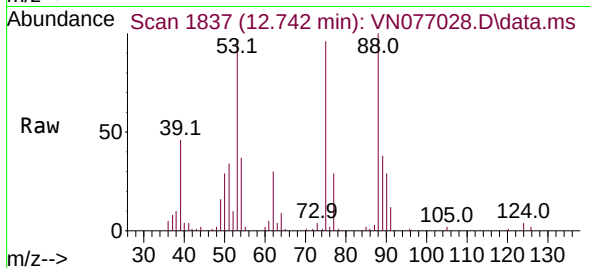
#81
trans-1,4-Dichloro-2-butene
Concen: 19.749 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 48958
Ion Ratio Lower Upper
75 100
53 114.8 80.8 121.2
89 44.4 34.2 51.4

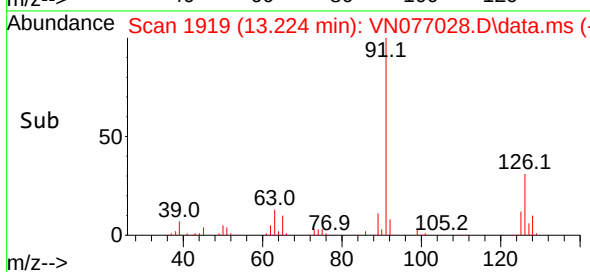
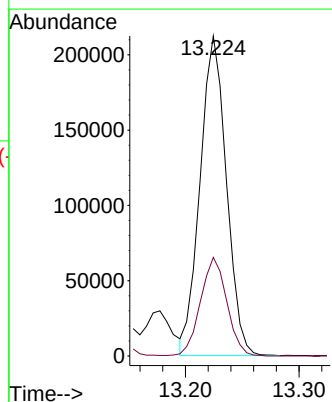
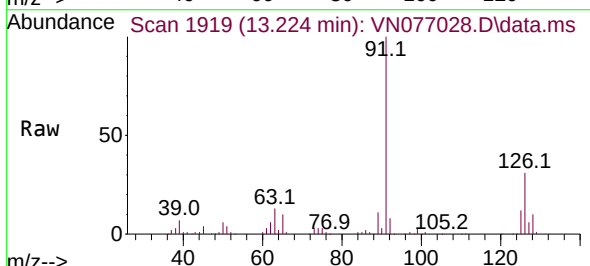
Manual Integrations
APPROVED

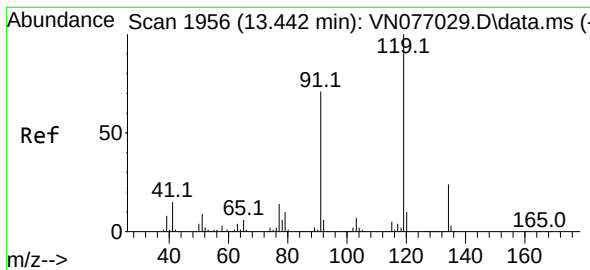
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#82
4-Chlorotoluene
Concen: 20.674 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

Tgt Ion: 91 Resp: 341844
Ion Ratio Lower Upper
91 100
126 30.8 15.5 46.5





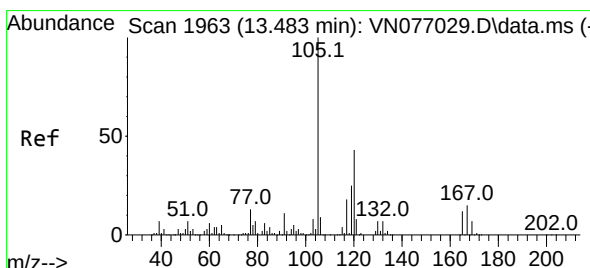
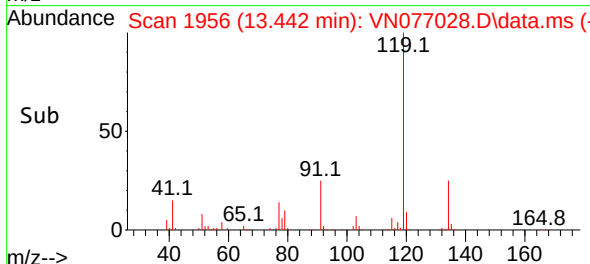
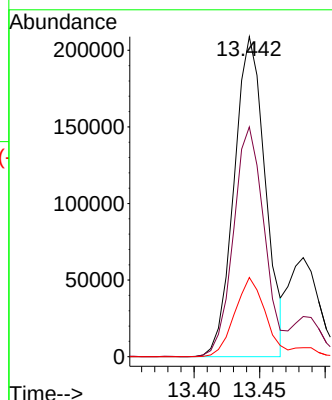
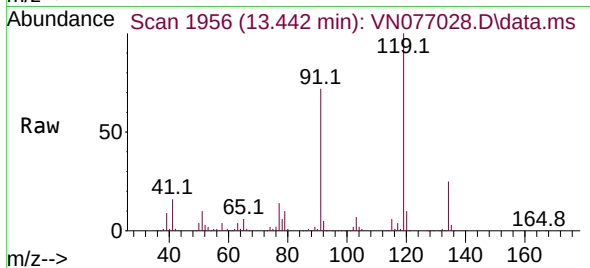
#83
tert-Butylbenzene
Concen: 20.891 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:119 Resp: 346194
Ion Ratio Lower Upper
119 100
91 72.0 35.8 107.3
134 24.3 13.3 39.8

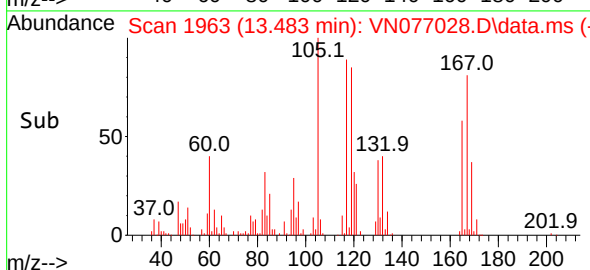
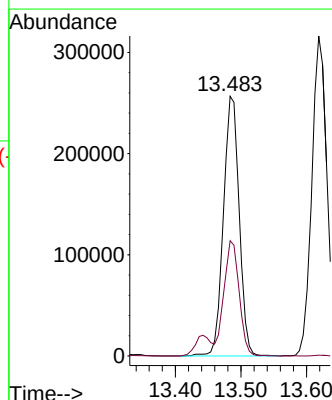
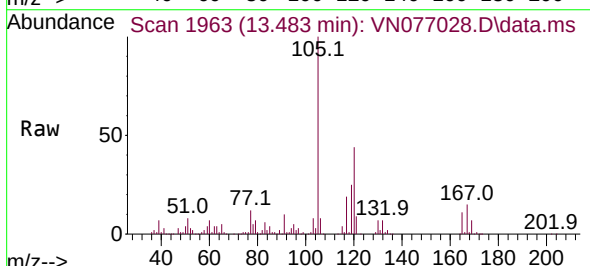
Manual Integrations
APPROVED

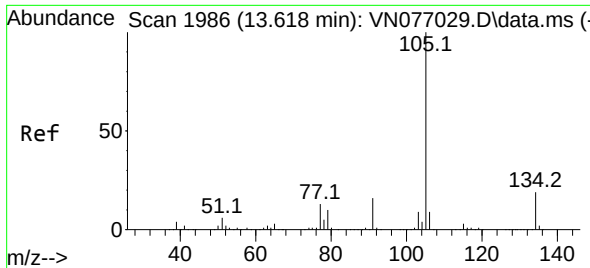
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#84
1,2,4-Trimethylbenzene
Concen: 21.698 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

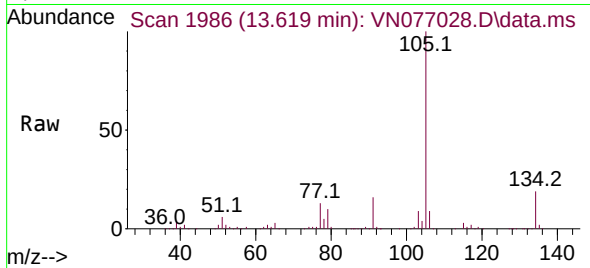
Tgt Ion:105 Resp: 427358
Ion Ratio Lower Upper
105 100
120 42.7 21.8 65.3





#85
 sec-Butylbenzene
 Concen: 21.489 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077028.D
 Acq: 17 Mar 2023 11:01

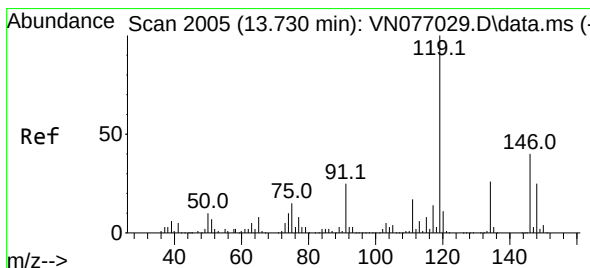
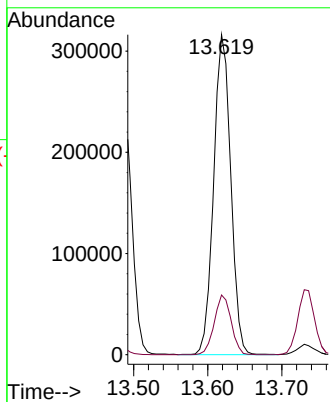
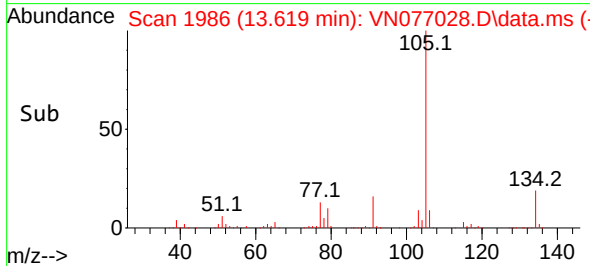
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



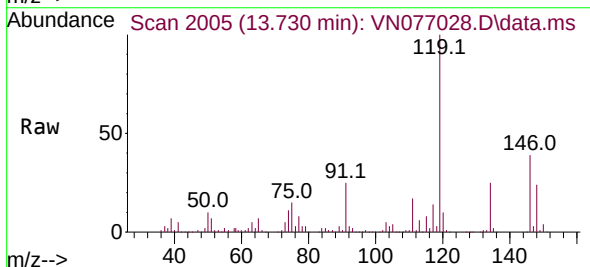
Tgt Ion:105 Resp: 50655
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.3 27.9

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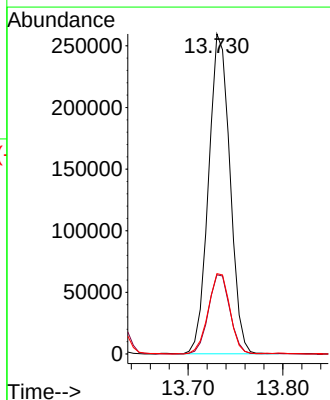
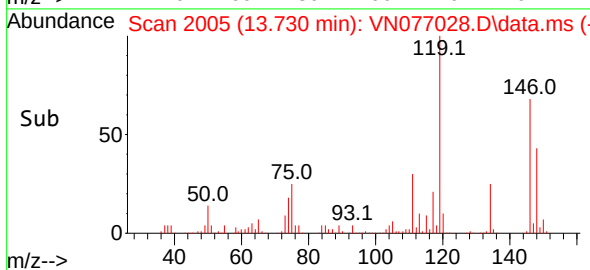
Reviewed By :John Carlone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023

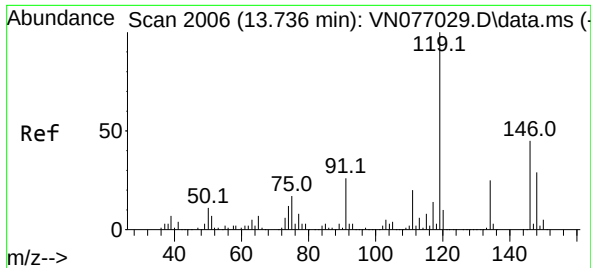


#86
 p-Isopropyltoluene
 Concen: 21.475 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077028.D
 Acq: 17 Mar 2023 11:01



Tgt Ion:119 Resp: 406533
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.8 38.4
 91 25.5 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 19.763 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN077028.D

Acq: 17 Mar 2023 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 19779

Ion Ratio Lower Upper

146 100

111 42.8 21.9 65.5

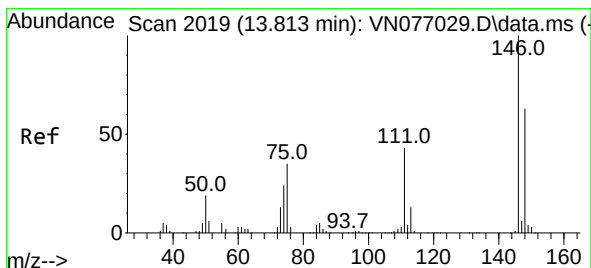
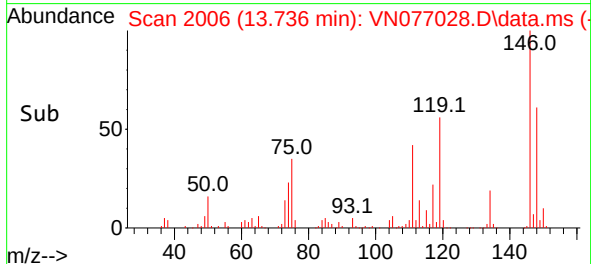
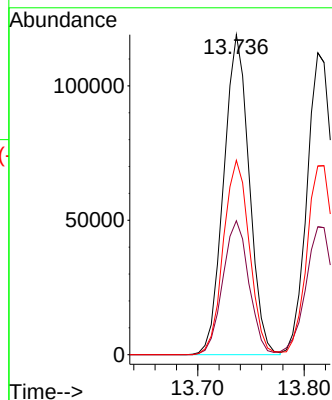
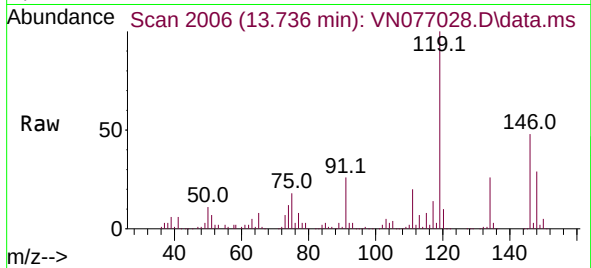
148 62.1 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#88

1,4-Dichlorobenzene

Concen: 19.278 ug/l

RT: 13.813 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VN077028.D

Acq: 17 Mar 2023 11:01

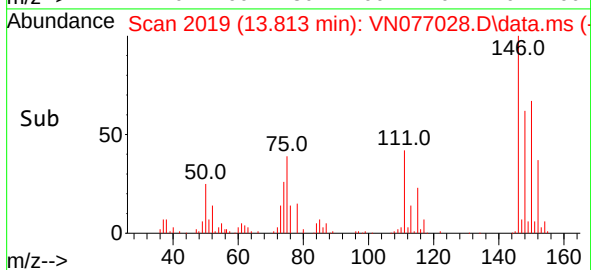
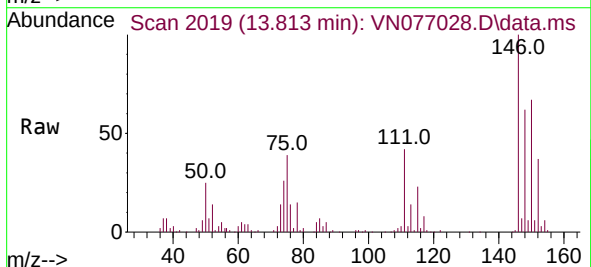
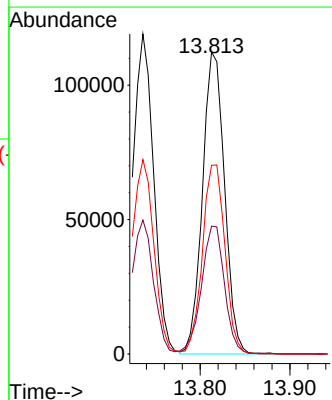
Tgt Ion:146 Resp: 191963

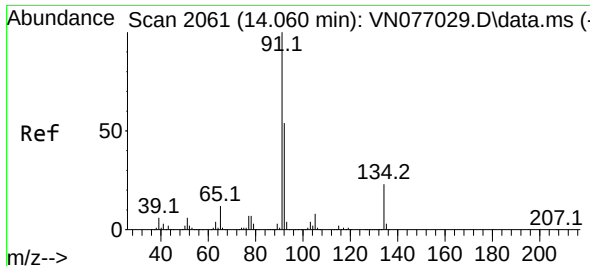
Ion Ratio Lower Upper

146 100

111 44.6 21.5 64.5

148 64.0 31.9 95.9





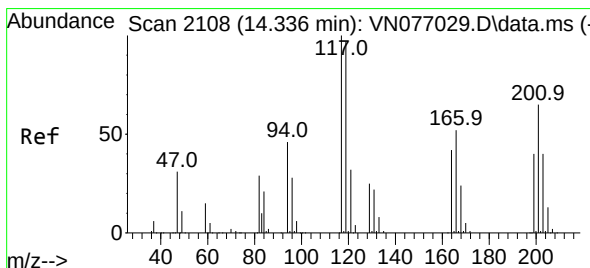
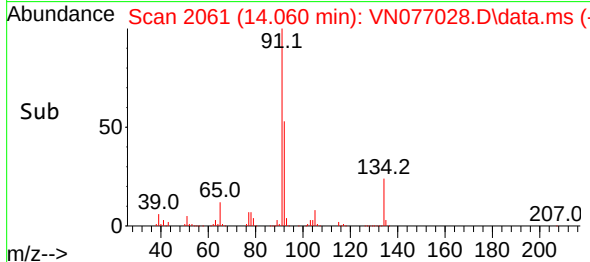
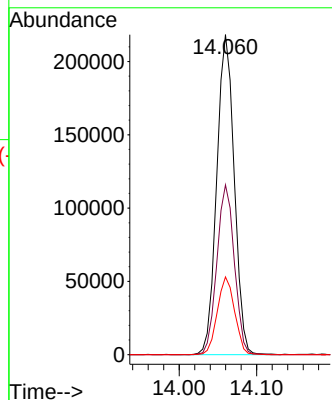
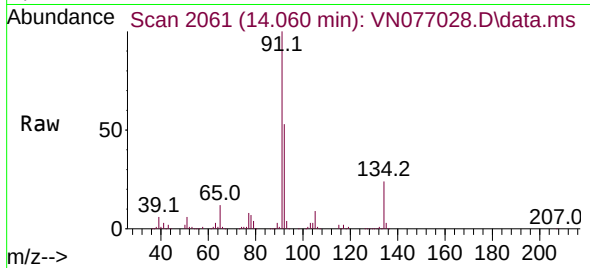
#89
n-Butylbenzene
Concen: 20.617 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 342384
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.5
134 24.1 11.7 35.1

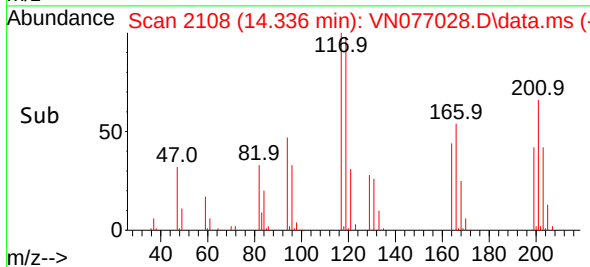
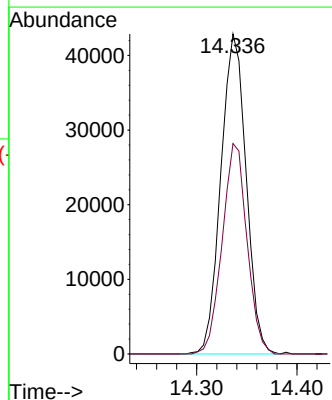
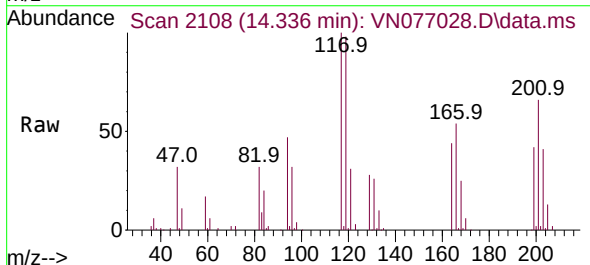
Manual Integrations
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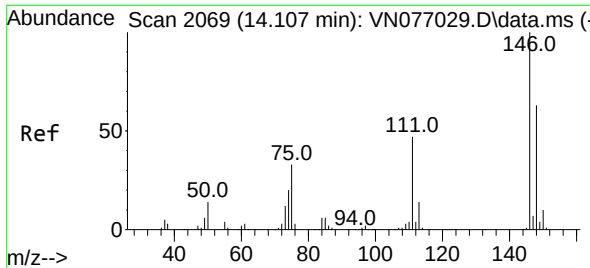
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#90
Hexachloroethane
Concen: 19.458 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

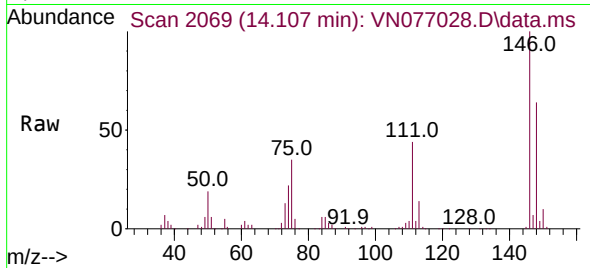
Tgt Ion:117 Resp: 74889
Ion Ratio Lower Upper
117 100
201 64.6 32.5 97.4





#91
1,2-Dichlorobenzene
Concen: 20.139 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

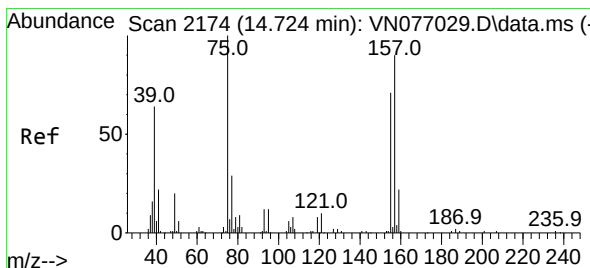
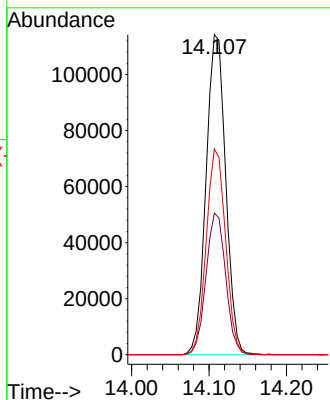
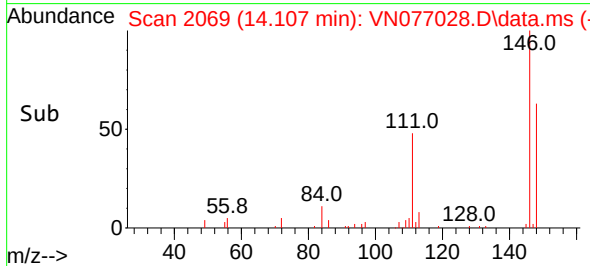
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



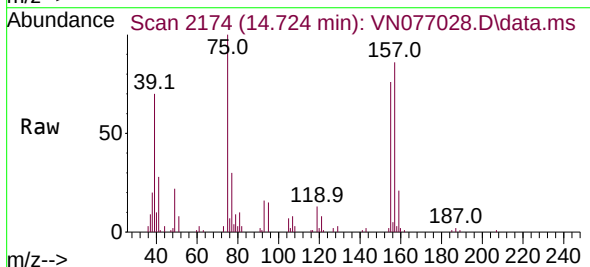
Tgt Ion:146 Resp: 200910
Ion Ratio Lower Upper
146 100
111 44.4 22.6 67.7
148 63.4 31.6 95.0

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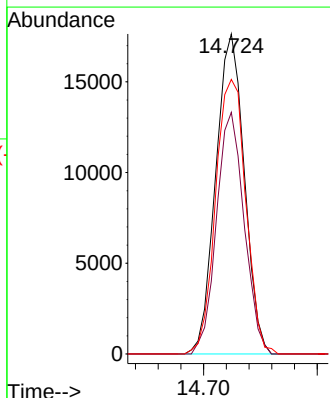
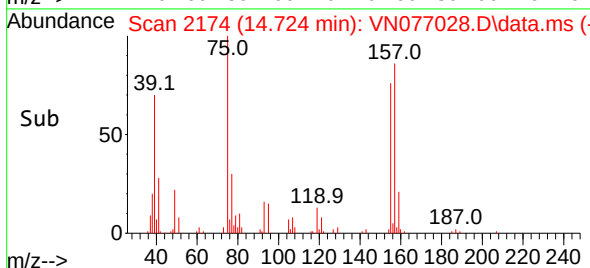
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

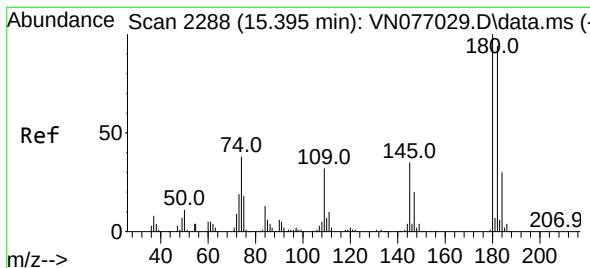


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.413 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01



Tgt Ion: 75 Resp: 30807
Ion Ratio Lower Upper
75 100
155 73.2 36.1 108.3
157 90.7 45.8 137.3





#93

1,2,4-Trichlorobenzene

Concen: 20.780 ug/l

RT: 15.395 min Scan# 2288

Delta R.T. 0.000 min

Lab File: VN077028.D

Acq: 17 Mar 2023 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

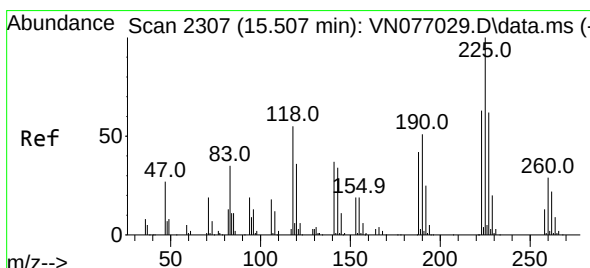
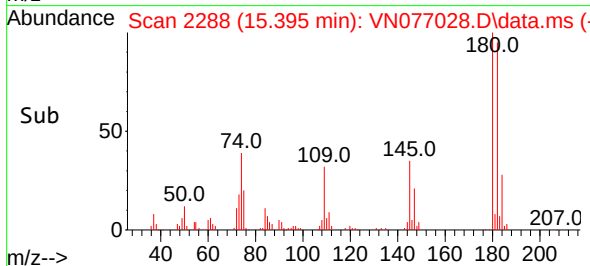
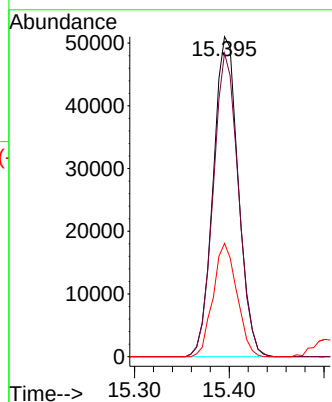
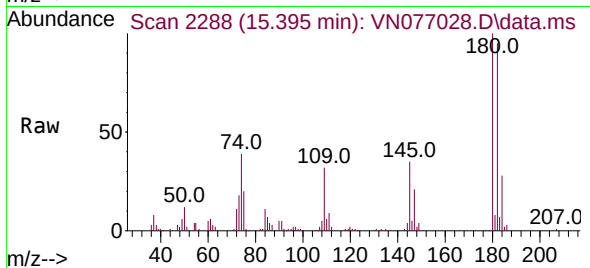
Tgt Ion:180	Resp:	93710
Ion Ratio	Lower	Upper
180	100	
182	94.9	47.3 141.9
145	33.6	16.9 50.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#94

Hexachlorobutadiene

Concen: 19.891 ug/l

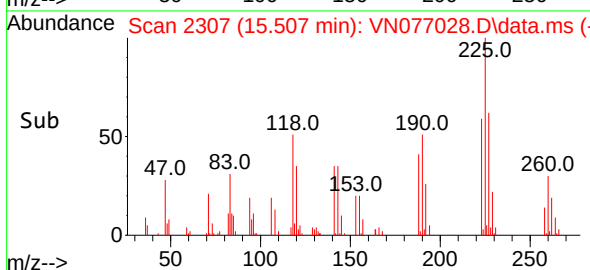
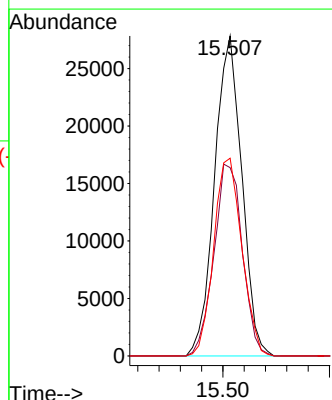
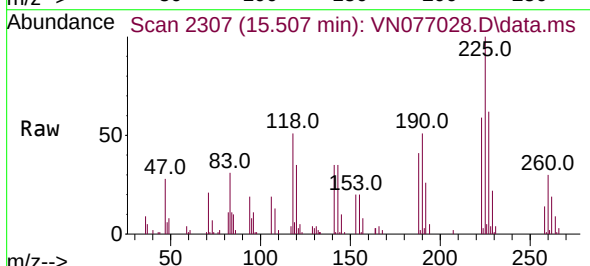
RT: 15.507 min Scan# 2307

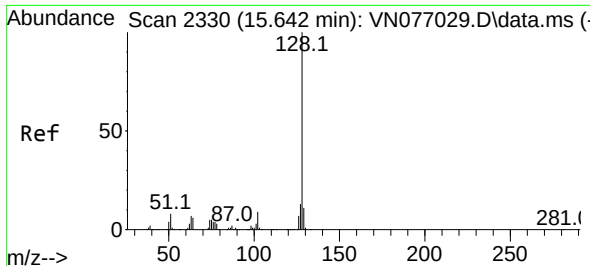
Delta R.T. 0.000 min

Lab File: VN077028.D

Acq: 17 Mar 2023 11:01

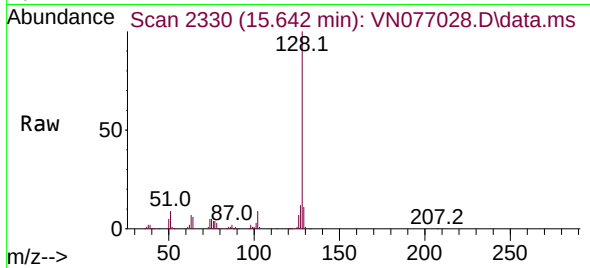
Tgt Ion:225	Resp:	49403
Ion Ratio	Lower	Upper
225	100	
223	62.5	31.6 95.0
227	63.6	31.3 93.8





#95
Naphthalene
Concen: 19.041 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

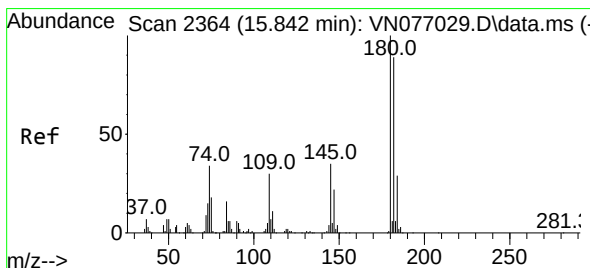
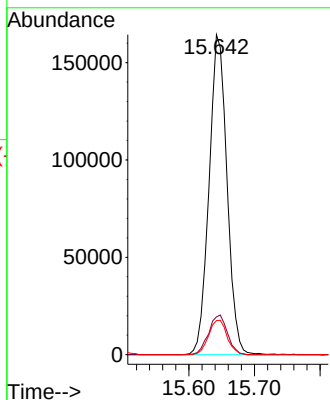
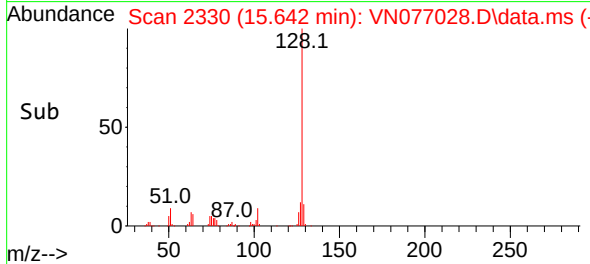
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:128 Resp: 31214
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 11.1 8.6 13.0

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#96
1,2,3-Trichlorobenzene
Concen: 20.050 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

Tgt Ion:180 Resp: 90731
Ion Ratio Lower Upper
180 100
182 99.4 47.4 142.2
145 37.3 17.9 53.8

