

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032223\
 Data File : VN077119.D
 Acq On : 22 Mar 2023 20:53
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Mar 22 23:30:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	513314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	890845	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	199173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	91031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	418265	51.012	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.020%	
35) Dibromofluoromethane	8.172	113	328891	52.718	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.440%	
50) Toluene-d8	10.572	98	590411	26.493	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 52.980%#	
62) 4-Bromofluorobenzene	12.854	95	90011	11.430	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 22.860%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	110252	22.074	ug/l	97
3) Chloromethane	2.372	50	82174	15.889	ug/l	97
4) Vinyl Chloride	2.525	62	146005	26.154	ug/l	98
5) Bromomethane	2.949	94	123185	32.668	ug/l	99
6) Chloroethane	3.125	64	191138	54.110	ug/l	96
7) Trichlorofluoromethane	3.507	101	544441	45.334	ug/l	99
8) Diethyl Ether	3.972	74	264838	58.596	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.384	101	309520	45.434	ug/l	97
10) Methyl Iodide	4.601	142	421192	54.893	ug/l	98
11) Tert butyl alcohol	5.531	59	345649	289.299	ug/l	98
12) 1,1-Dichloroethene	4.354	96	302259	48.501	ug/l	98
13) Acrolein	4.190	56	421066	284.933	ug/l	98
14) Allyl chloride	5.037	41	525639	46.072	ug/l	97
15) Acrylonitrile	5.731	53	1099358	273.703	ug/l	99
16) Acetone	4.437	43	863934	236.473	ug/l	98
17) Carbon Disulfide	4.725	76	763862	42.035	ug/l	96
18) Methyl Acetate	5.037	43	731640	53.107	ug/l	95
19) Methyl tert-butyl Ether	5.807	73	1240641	55.469	ug/l	100
20) Methylene Chloride	5.290	84	416803	52.567	ug/l	95
21) trans-1,2-Dichloroethene	5.795	96	325768	48.228	ug/l	97
22) Diisopropyl ether	6.684	45	1304174	52.173	ug/l	99
23) Vinyl Acetate	6.613	43	4140672	262.499	ug/l	98
24) 1,1-Dichloroethane	6.578	63	696965	48.725	ug/l	98
25) 2-Butanone	7.489	43	1363191	255.068	ug/l	97
26) 2,2-Dichloropropane	7.495	77	441241	40.997	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	408451	52.797	ug/l	94
28) Bromochloromethane	7.819	49	299703	48.247	ug/l	92
29) Tetrahydrofuran	7.842	42	919579	265.527	ug/l	95
30) Chloroform	7.972	83	688619	49.601	ug/l	100
31) Cyclohexane	8.266	56	527738	39.339	ug/l	96
32) 1,1,1-Trichloroethane	8.178	97	535778	45.153	ug/l	98
36) 1,1-Dichloropropene	8.378	75	458521	47.055	ug/l	98
37) Ethyl Acetate	7.566	43	553378	53.078	ug/l	98
38) Carbon Tetrachloride	8.366	117	441669	46.534	ug/l	97
39) Methylcyclohexane	9.607	83	501893	44.004	ug/l	98
40) Benzene	8.613	78	1482480	50.165	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	314363	55.971	ug/l	96
42) 1,2-Dichloroethane	8.678	62	544953	51.031	ug/l	99
43) Isopropyl Acetate	8.695	43	873012	53.603	ug/l	97
44) Trichloroethene	9.354	130	314031	46.262	ug/l	99
45) 1,2-Dichloropropane	9.625	63	384516	48.990	ug/l	99
46) Dibromomethane	9.713	93	241195	48.725	ug/l	94
47) Bromodichloromethane	9.889	83	465369	44.825	ug/l	99
48) Methyl methacrylate	9.683	41	401290	51.539	ug/l	96
49) 1,4-Dioxane	9.695	88	148951	1120.053	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	1493499	147.257	ug/l	96
52) Toluene	10.630	92	405622	22.988	ug/l	98
53) t-1,3-Dichloropropene	10.842	75	141958	13.951	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	465386	40.536	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	95036	13.659	ug/l	96
56) Ethyl methacrylate	10.878	69	151494	14.479	ug/l #	94
57) 1,3-Dichloropropane	11.166	76	170304	13.369	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.166	63	933148	209.200	ug/l	100
59) 2-Hexanone	11.201	43	530765	72.152	ug/l	98
60) Dibromochloromethane	11.360	129	95992	13.734	ug/l	99
61) 1,2-Dibromoethane	11.472	107	91180	13.215	ug/l	100
64) Tetrachloroethene	11.107	164	61722	46.174	ug/l	98
65) Chlorobenzene	11.895	112	233466	50.945	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.966	131	83955	49.510	ug/l	96
67) Ethyl Benzene	11.966	91	419997	50.456	ug/l	100
68) m/p-Xylenes	12.077	106	319661	103.548	ug/l	93
69) o-Xylene	12.401	106	159345	51.948	ug/l	96
70) Styrene	12.413	104	264485	55.383	ug/l	96
71) Bromoform	12.583	173	62825	54.676	ug/l #	99
73) Isopropylbenzene	12.701	105	391197	47.953	ug/l	99
74) N-amyl acetate	12.501	43	194284	55.022	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	144966	49.049	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	175936	74.719	ug/l	39
77) Bromobenzene	12.983	156	86173	47.154	ug/l	96
78) n-propylbenzene	13.042	91	460060	48.852	ug/l	100
79) 2-Chlorotoluene	13.130	91	272980	45.491	ug/l	96
80) 1,3,5-Trimethylbenzene	13.177	105	327505	48.084	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.742	75	47095	55.054	ug/l	94
82) 4-Chlorotoluene	13.224	91	263108	46.109	ug/l	96
83) tert-Butylbenzene	13.442	119	273654	47.853	ug/l	95
84) 1,2,4-Trimethylbenzene	13.483	105	340549	50.103	ug/l	99
85) sec-Butylbenzene	13.618	105	407371	50.078	ug/l	99
86) p-Isopropyltoluene	13.730	119	337286	51.631	ug/l	98
87) 1,3-Dichlorobenzene	13.736	146	167033	48.361	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	163814	47.670	ug/l	97
89) n-Butylbenzene	14.060	91	290149	50.628	ug/l	97
90) Hexachloroethane	14.336	117	58678	44.179	ug/l	95
91) 1,2-Dichlorobenzene	14.107	146	166242	48.287	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.724	75	24478	44.696	ug/l	92
93) 1,2,4-Trichlorobenzene	15.395	180	78441	50.401	ug/l	97
94) Hexachlorobutadiene	15.501	225	37427	43.666	ug/l	98
95) Naphthalene	15.642	128	279268	46.321	ug/l	99
96) 1,2,3-Trichlorobenzene	15.848	180	79746	51.065	ug/l	98

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VSTDCCC050EC

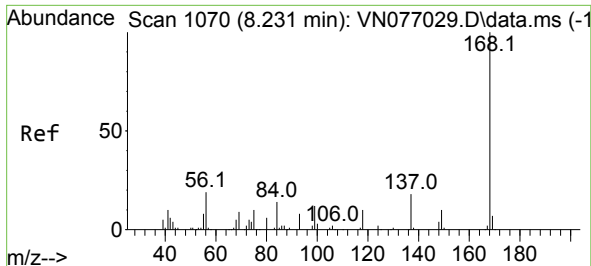
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QLast Update : Mon Mar 20 08:50:30 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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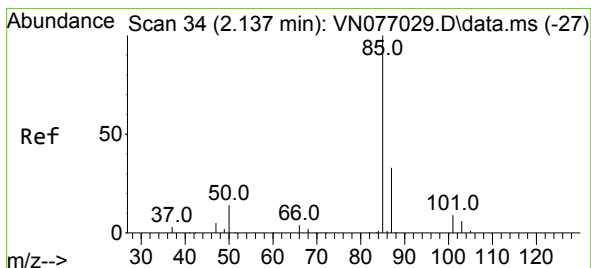
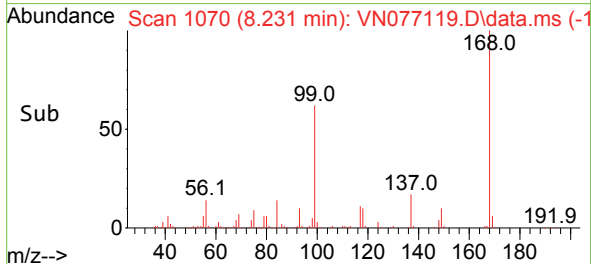
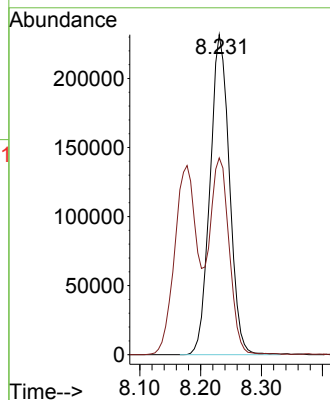
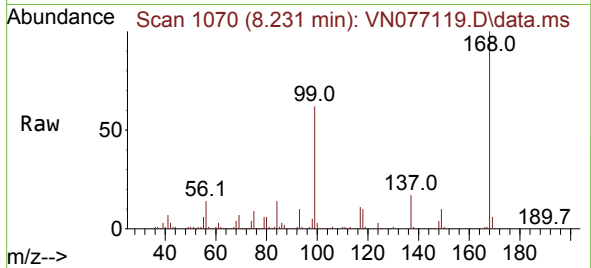




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077119.D
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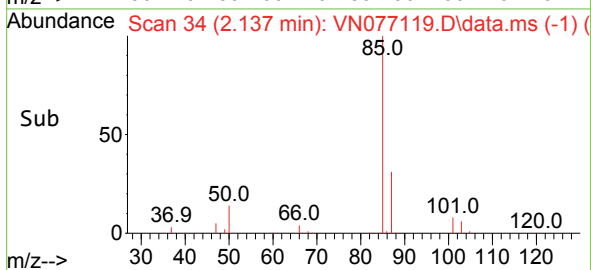
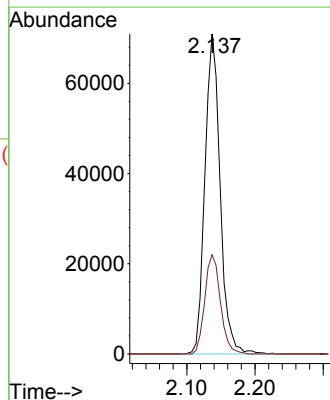
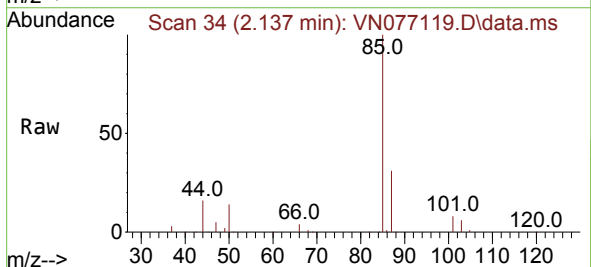
Instrument :
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VSTDCCC050EC

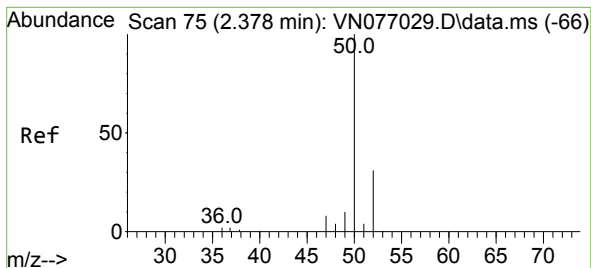
Tgt Ion:168 Resp: 513314
Ion Ratio Lower Upper
168 100
99 61.3 53.9 80.9



#2
Dichlorodifluoromethane
Concen: 22.074 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

Tgt Ion: 85 Resp: 110252
Ion Ratio Lower Upper
85 100
87 31.0 16.4 49.2





#3

Chloromethane

Concen: 15.889 ug/l

RT: 2.372 min Scan# 74

Delta R.T. -0.006 min

Lab File: VN077119.D

Acq: 22 Mar 2023 20:53

Instrument :

MSVOA_N

ClientSampleId :

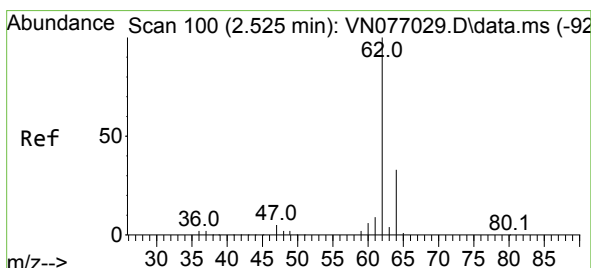
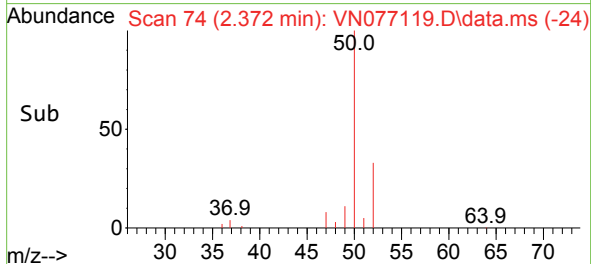
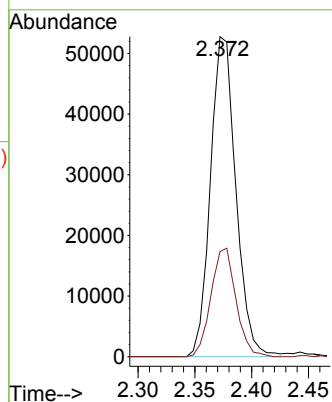
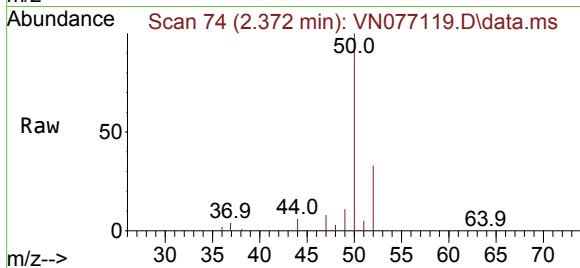
VSTDCCC050EC

Tgt Ion: 50 Resp: 82174

Ion Ratio Lower Upper

50 100

52 32.8 25.1 37.7



#4

Vinyl Chloride

Concen: 26.154 ug/l

RT: 2.525 min Scan# 100

Delta R.T. 0.000 min

Lab File: VN077119.D

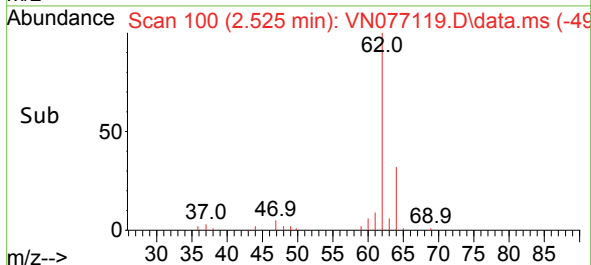
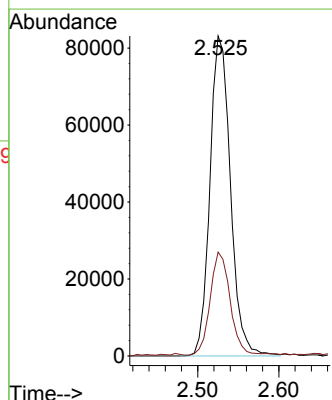
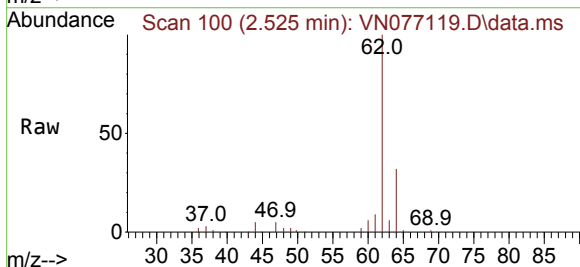
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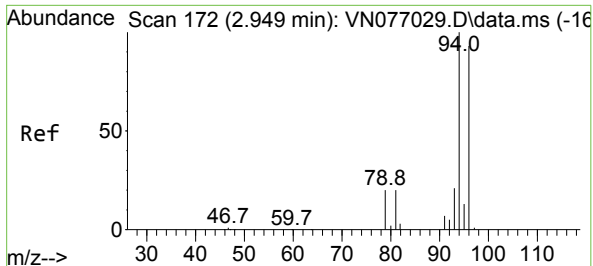
Tgt Ion: 62 Resp: 146005

Ion Ratio Lower Upper

62 100

64 32.0 26.6 40.0

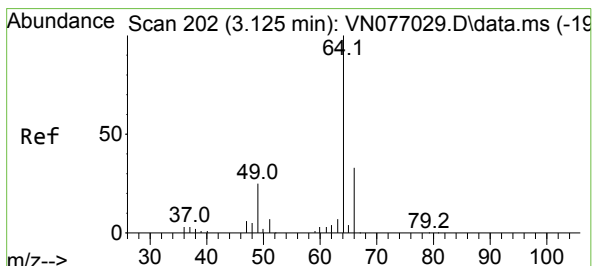
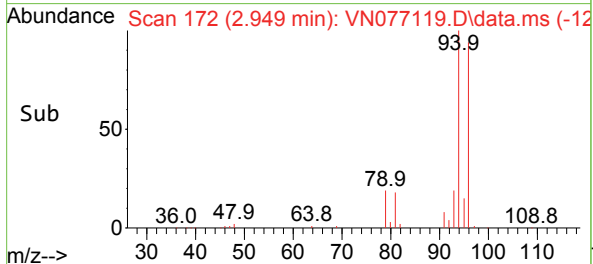
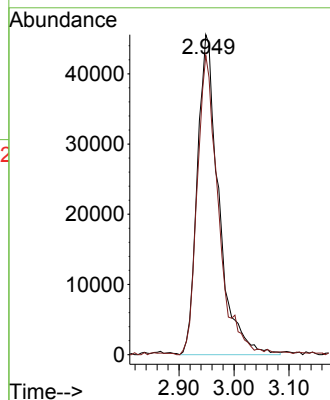
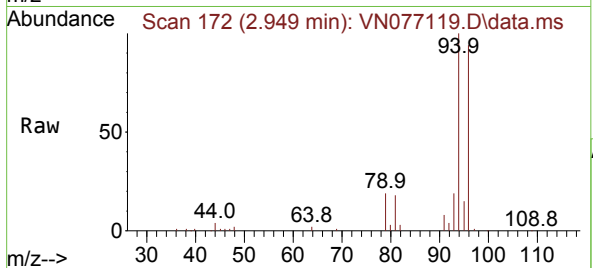




#5
Bromomethane
Concen: 32.668 ug/l
RT: 2.949 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077119.D
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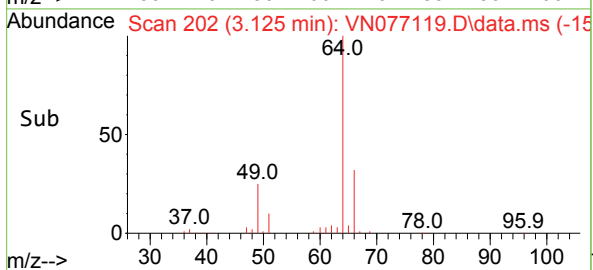
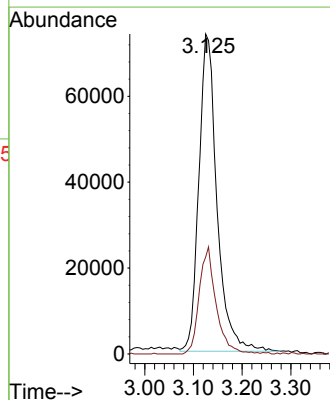
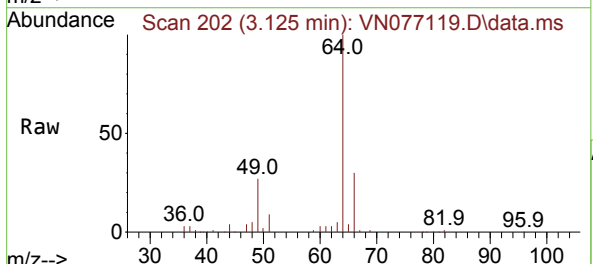
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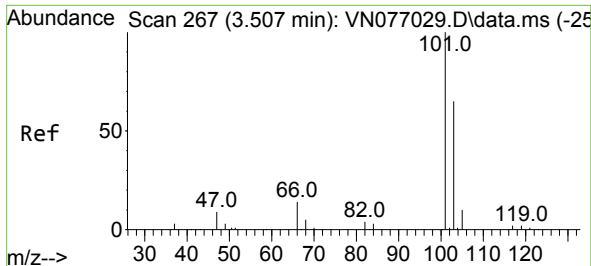
Tgt Ion: 94 Resp: 123185
Ion Ratio Lower Upper
94 100
96 93.5 74.1 111.1



#6
Chloroethane
Concen: 54.110 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

Tgt Ion: 64 Resp: 191138
Ion Ratio Lower Upper
64 100
66 30.5 26.3 39.5

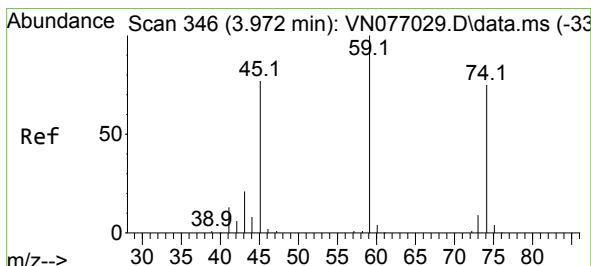
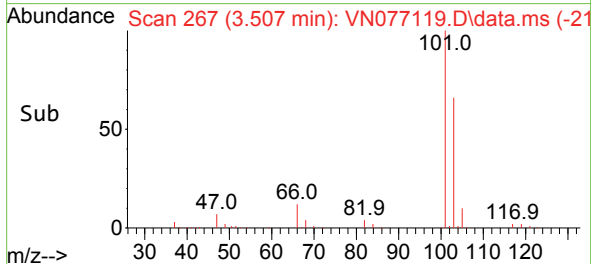
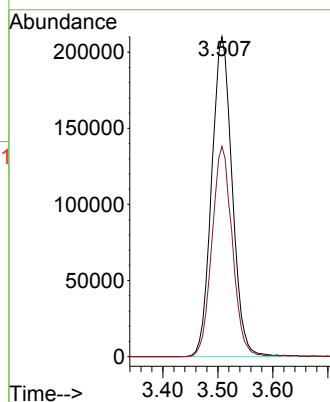
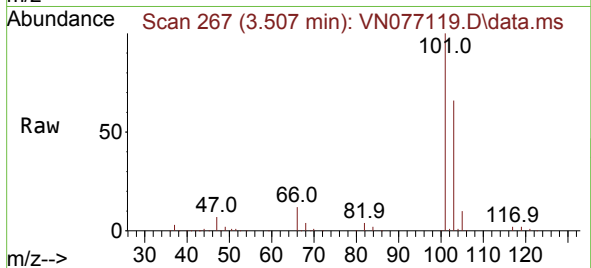




#7
Trichlorofluoromethane
Concen: 45.334 ug/l
RT: 3.507 min Scan# 267
Delta R.T. 0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

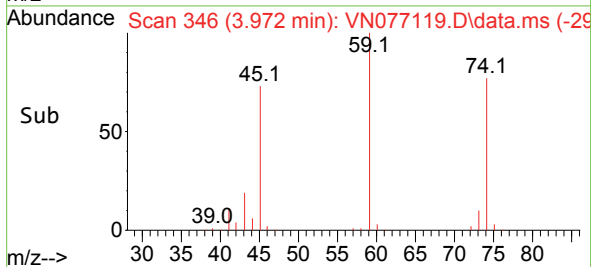
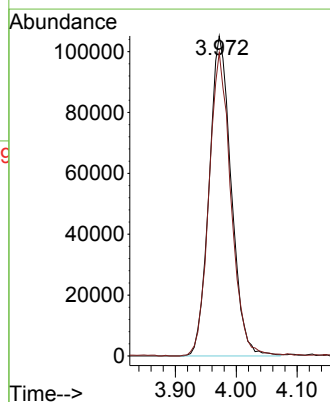
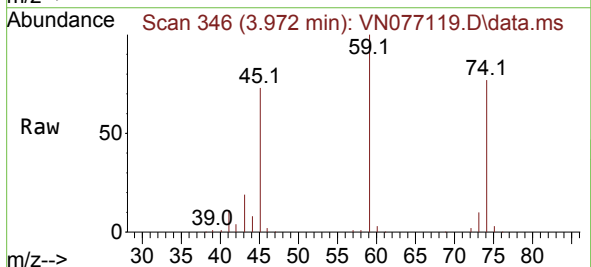
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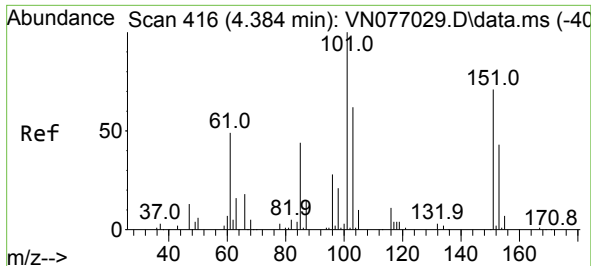
Tgt Ion:101 Resp: 544441
Ion Ratio Lower Upper
101 100
103 65.7 51.8 77.6



#8
Diethyl Ether
Concen: 58.596 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

Tgt Ion: 74 Resp: 264838
Ion Ratio Lower Upper
74 100
45 94.5 50.8 152.5

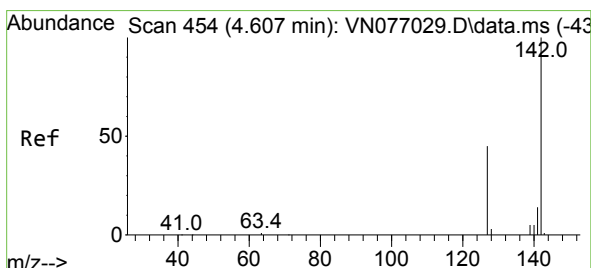
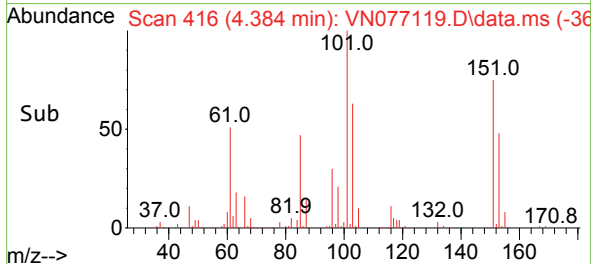
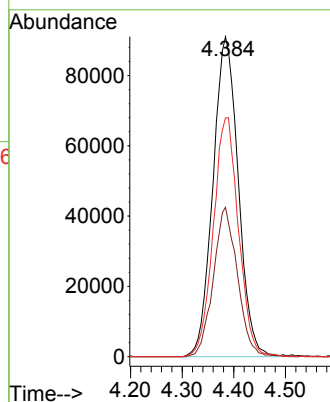
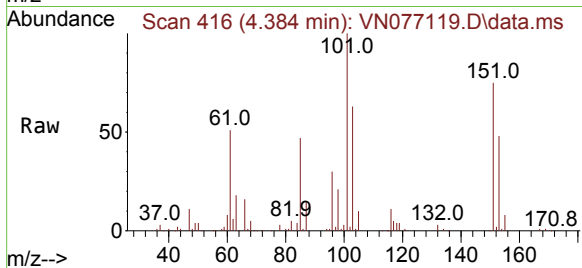




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 45.434 ug/l
 RT: 4.384 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: VN077119.D
 Acq: 22 Mar 2023 20:53

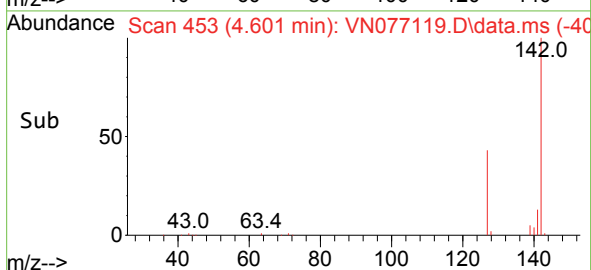
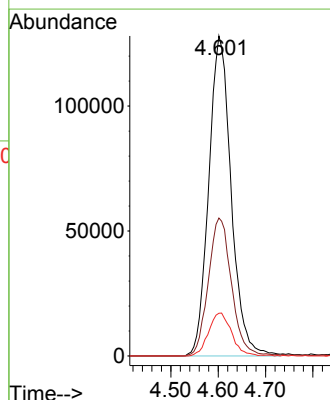
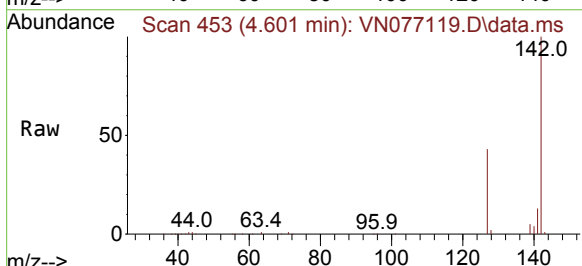
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

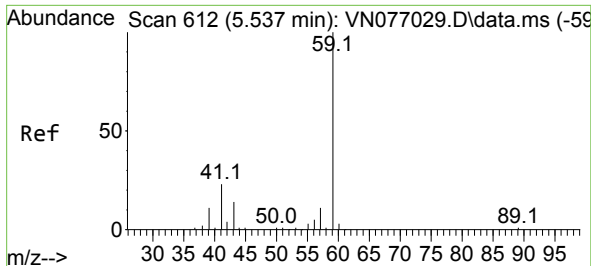
Tgt Ion:101 Resp: 309520
 Ion Ratio Lower Upper
 101 100
 85 44.4 36.6 55.0
 151 74.3 56.9 85.3



#10
 Methyl Iodide
 Concen: 54.893 ug/l
 RT: 4.601 min Scan# 453
 Delta R.T. -0.006 min
 Lab File: VN077119.D
 Acq: 22 Mar 2023 20:53

Tgt Ion:142 Resp: 421192
 Ion Ratio Lower Upper
 142 100
 127 43.1 36.1 54.1
 141 13.3 10.8 16.2

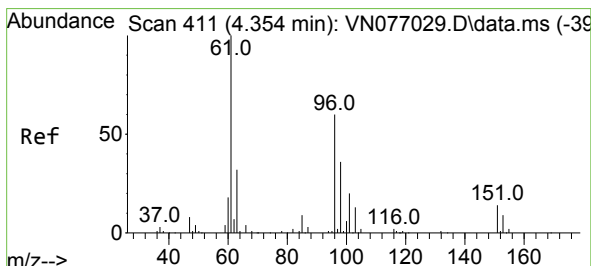
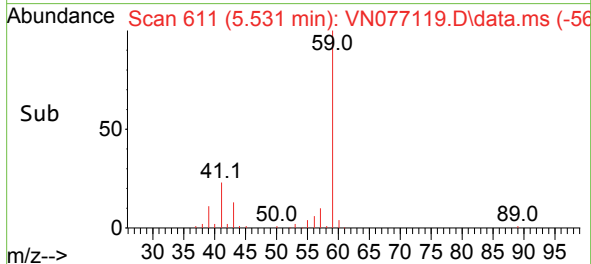
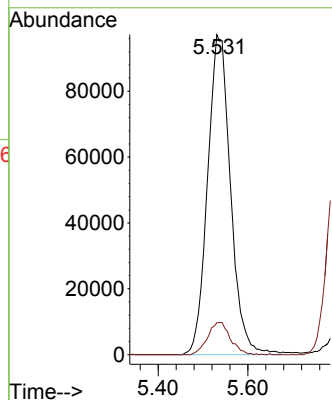
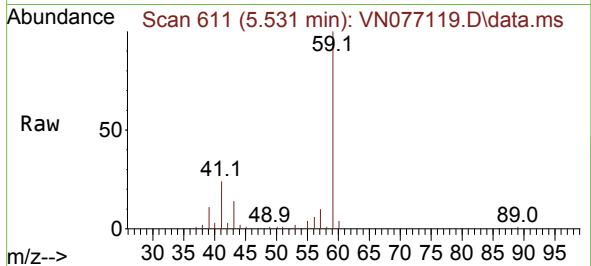




#11
Tert butyl alcohol
Concen: 289.299 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

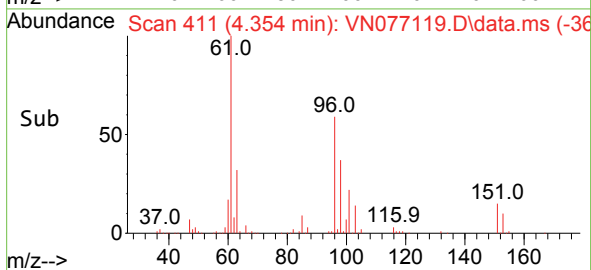
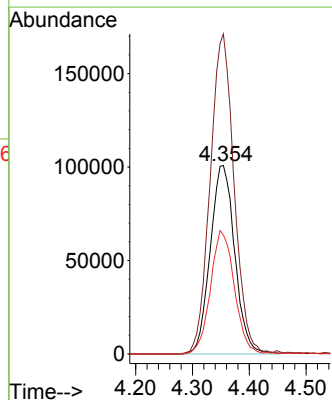
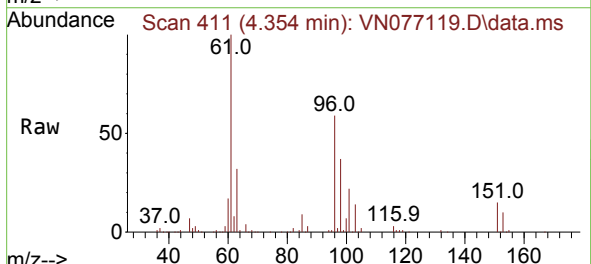
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

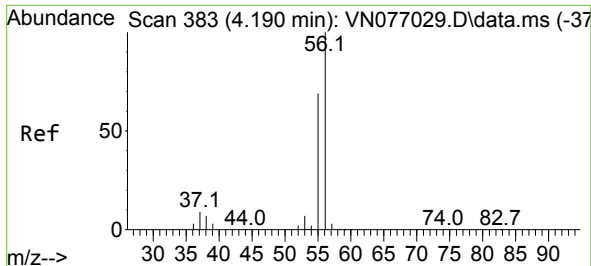
Tgt Ion: 59 Resp: 345649
Ion Ratio Lower Upper
59 100
57 10.0 8.6 12.8



#12
1,1-Dichloroethene
Concen: 48.501 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

Tgt Ion: 96 Resp: 302259
Ion Ratio Lower Upper
96 100
61 169.8 133.8 200.8
98 63.1 48.6 72.8

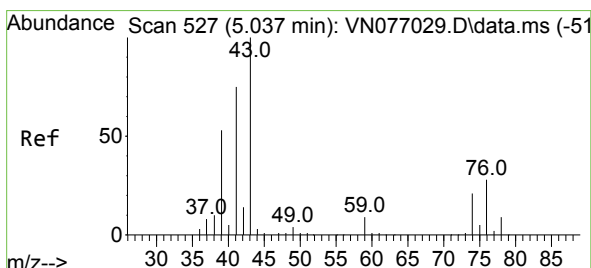
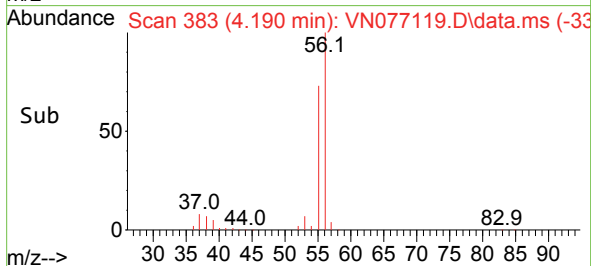
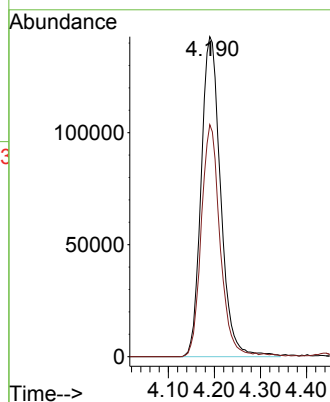
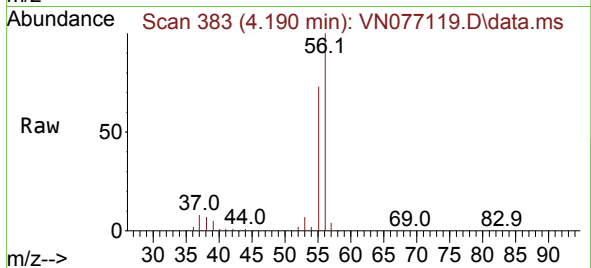




#13
Acrolein
Concen: 284.933 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

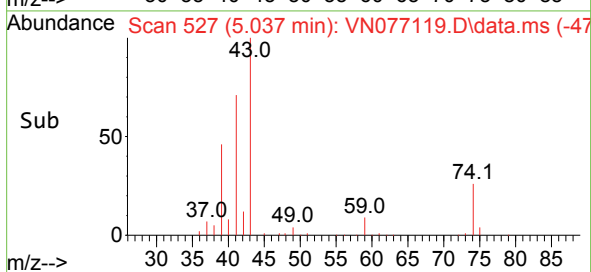
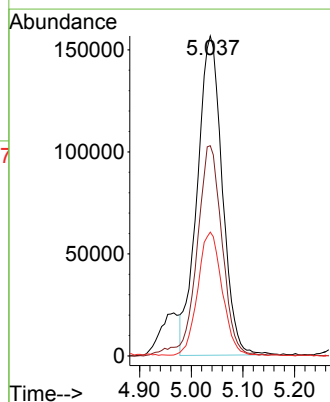
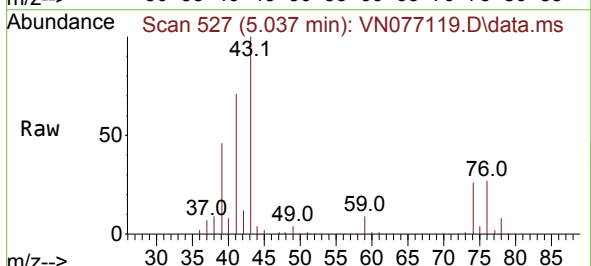
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

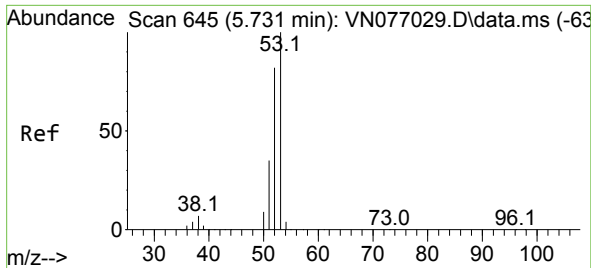
Tgt Ion: 56 Resp: 421066
Ion Ratio Lower Upper
56 100
55 69.7 57.0 85.6



#14
Allyl chloride
Concen: 46.072 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

Tgt Ion: 41 Resp: 525639
Ion Ratio Lower Upper
41 100
39 66.7 53.8 80.8
76 37.6 26.7 40.1

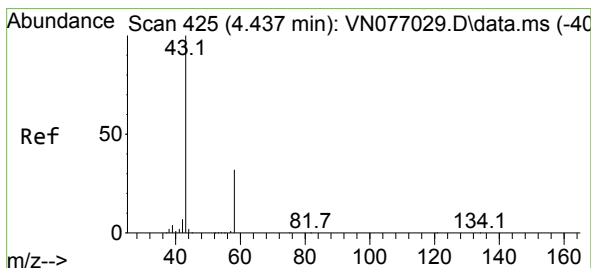
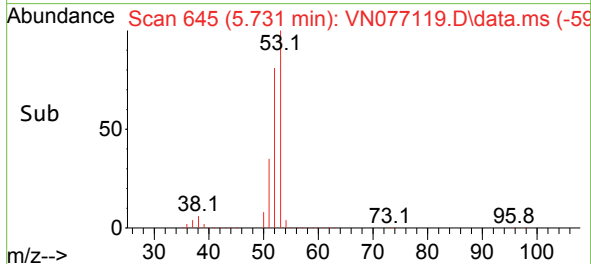
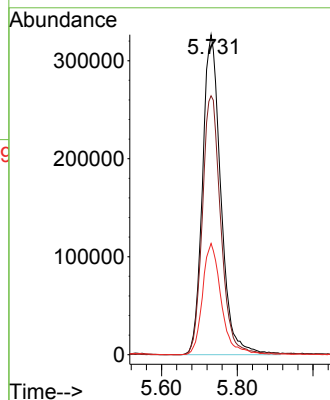
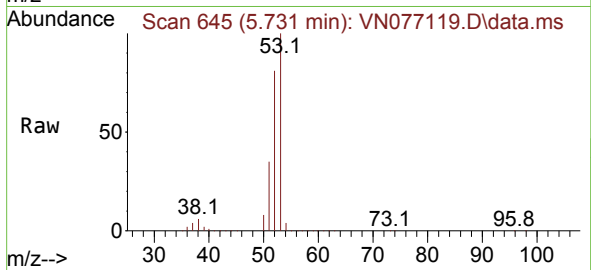




#15
Acrylonitrile
Concen: 273.703 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

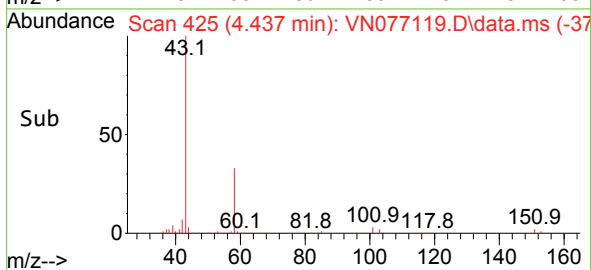
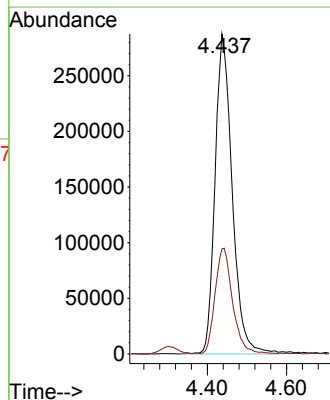
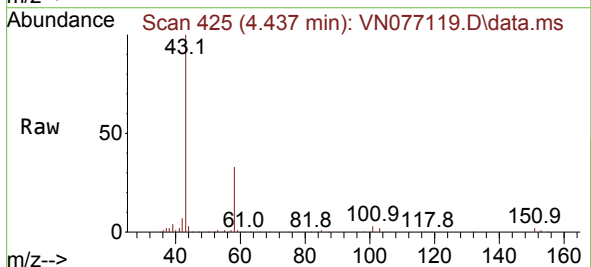
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

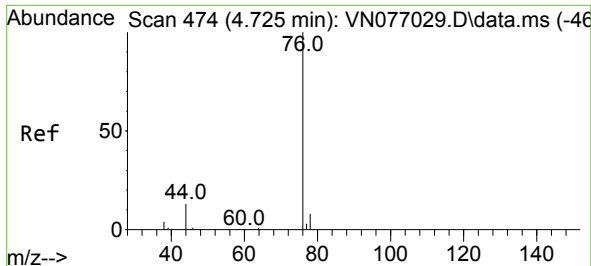
Tgt Ion: 53 Resp: 1099358
Ion Ratio Lower Upper
53 100
52 81.5 64.6 97.0
51 35.5 28.3 42.5



#16
Acetone
Concen: 236.473 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

Tgt Ion: 43 Resp: 863934
Ion Ratio Lower Upper
43 100
58 32.6 25.4 38.0

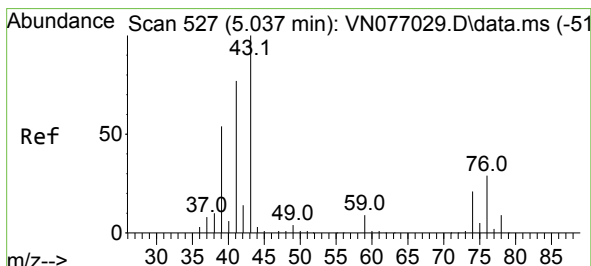
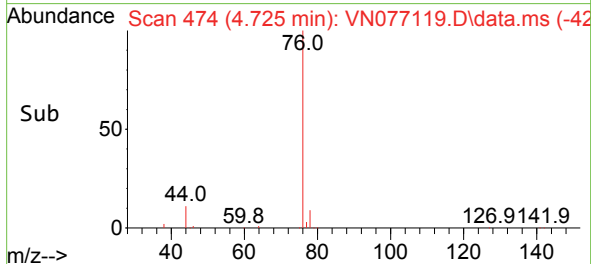
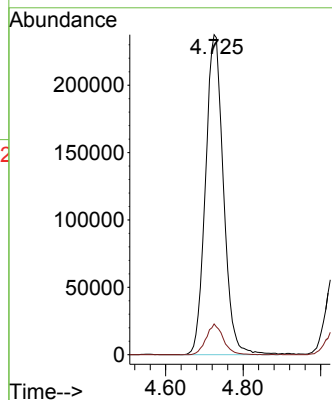
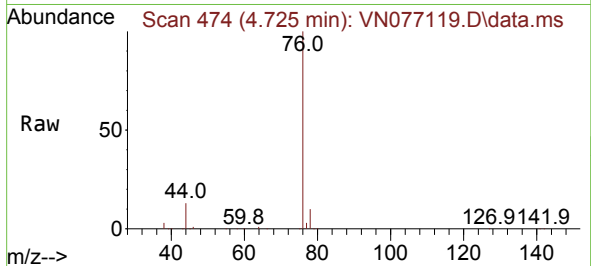




#17
Carbon Disulfide
Concen: 42.035 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

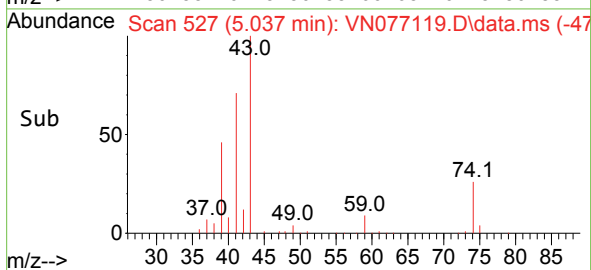
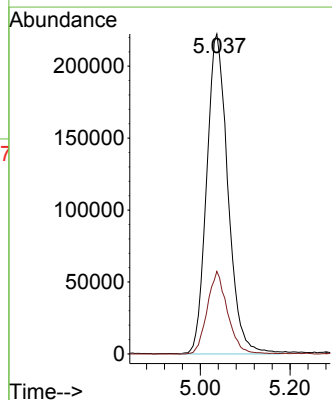
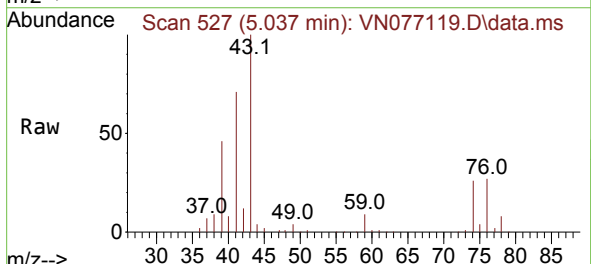
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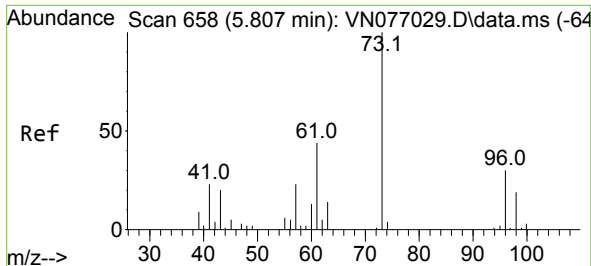
Tgt Ion: 76 Resp: 763862
Ion Ratio Lower Upper
76 100
78 9.6 6.6 10.0



#18
Methyl Acetate
Concen: 53.107 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

Tgt Ion: 43 Resp: 731640
Ion Ratio Lower Upper
43 100
74 24.6 17.7 26.5

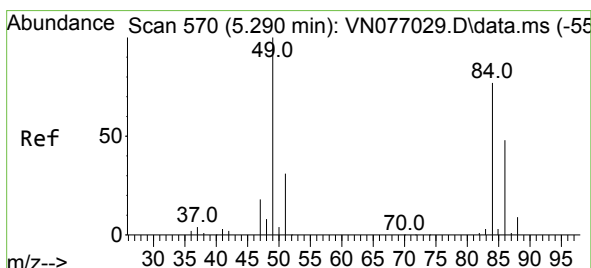
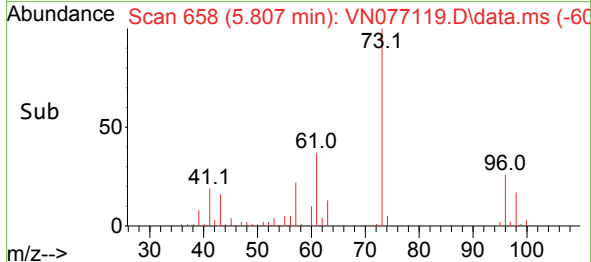
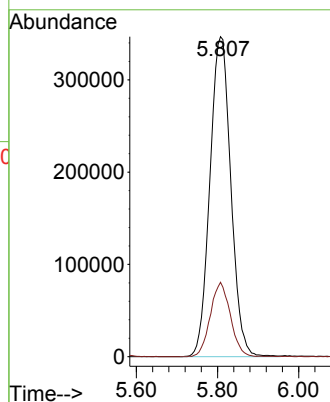
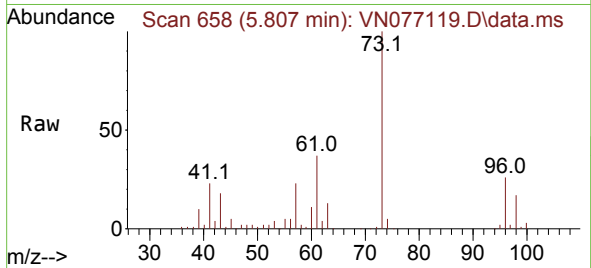




#19
Methyl tert-butyl Ether
Concen: 55.469 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

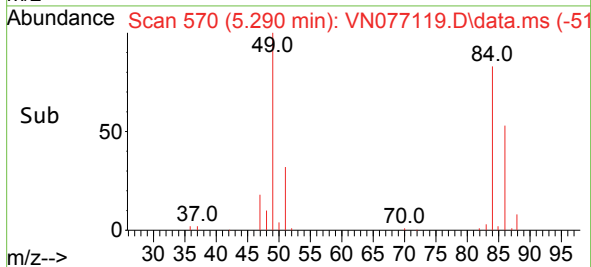
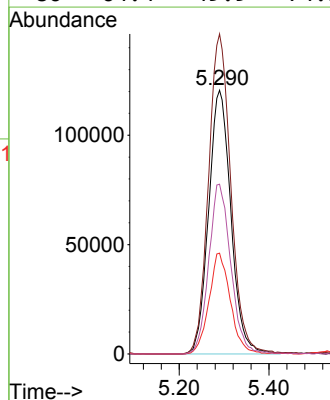
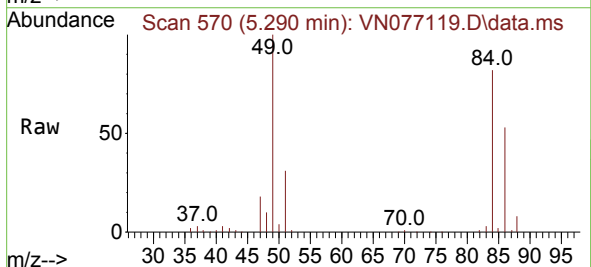
Instrument :
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ClientSampleId :
VSTDCCC050EC

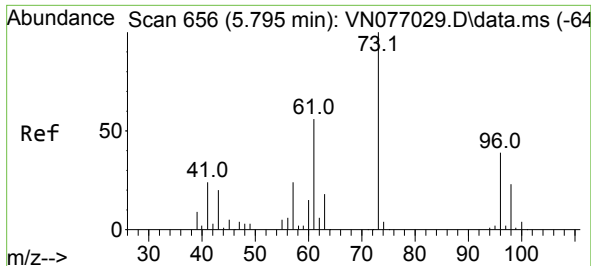
Tgt Ion: 73 Resp: 1240641
Ion Ratio Lower Upper
73 100
57 23.3 18.7 28.1



#20
Methylene Chloride
Concen: 52.567 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

Tgt Ion: 84 Resp: 416803
Ion Ratio Lower Upper
84 100
49 121.3 103.8 155.6
51 38.2 32.3 48.5
86 64.4 49.9 74.9

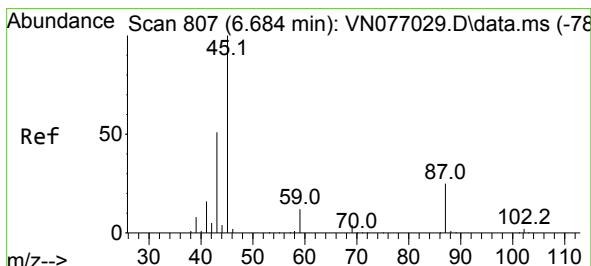
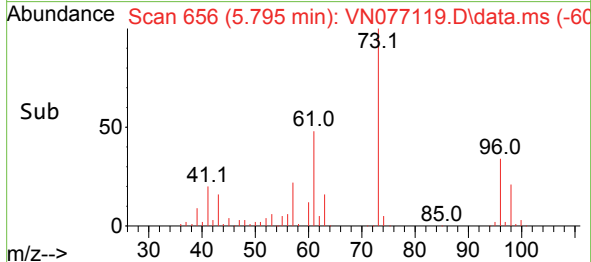
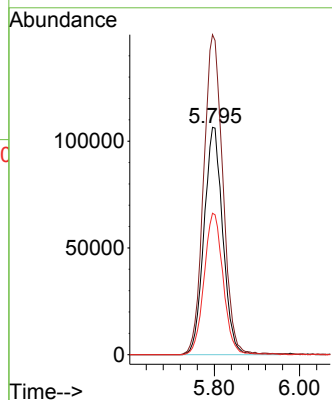
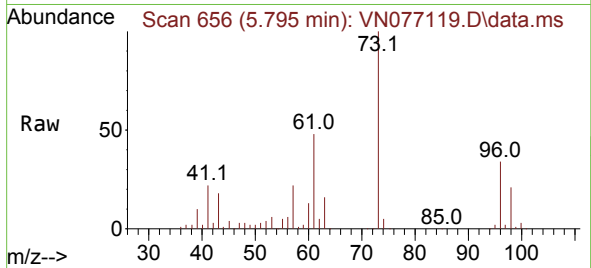




#21
trans-1,2-Dichloroethene
Concen: 48.228 ug/l
RT: 5.795 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

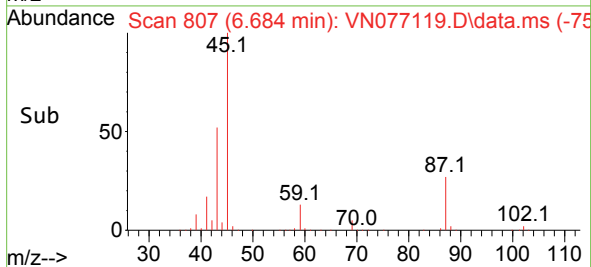
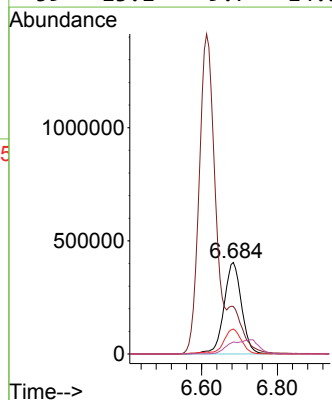
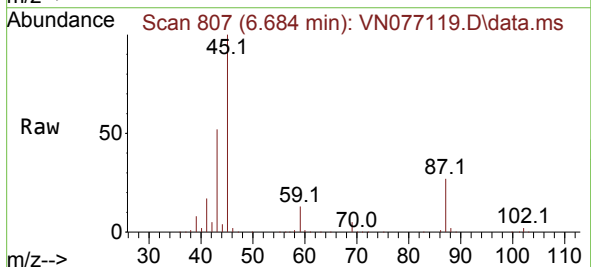
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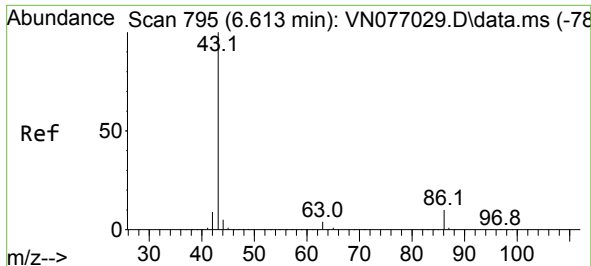
Tgt Ion: 96 Resp: 325768
Ion Ratio Lower Upper
96 100
61 140.8 115.8 173.6
98 62.2 48.2 72.2



#22
Diisopropyl ether
Concen: 52.173 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

Tgt Ion: 45 Resp: 1304174
Ion Ratio Lower Upper
45 100
43 51.8 41.5 62.3
87 27.2 20.6 30.8
59 13.1 9.7 14.5

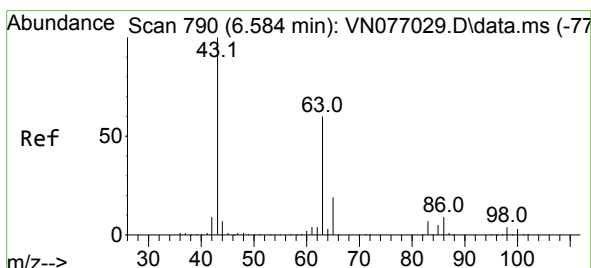
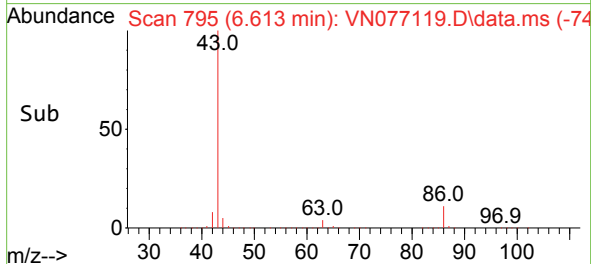
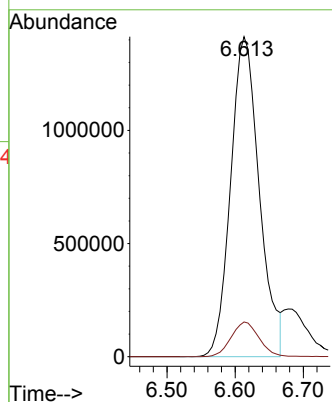
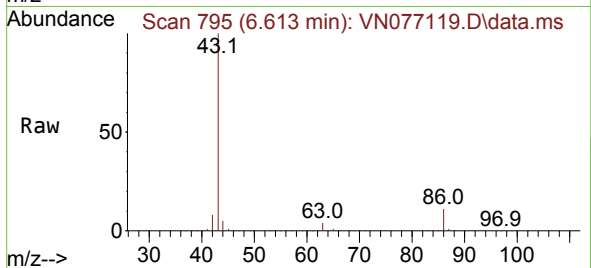




#23
 Vinyl Acetate
 Concen: 262.499 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077119.D
 Acq: 22 Mar 2023 20:53

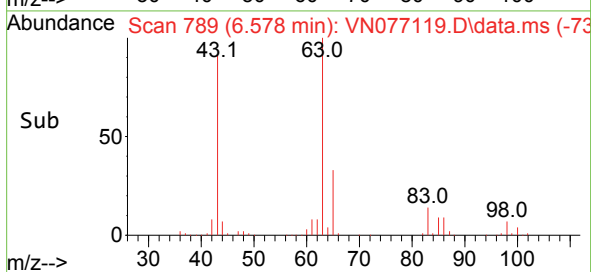
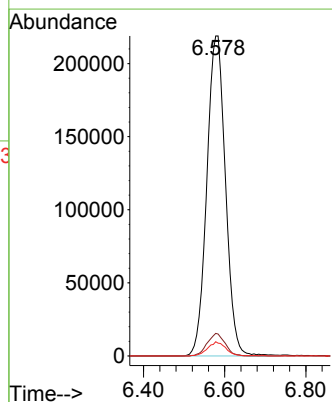
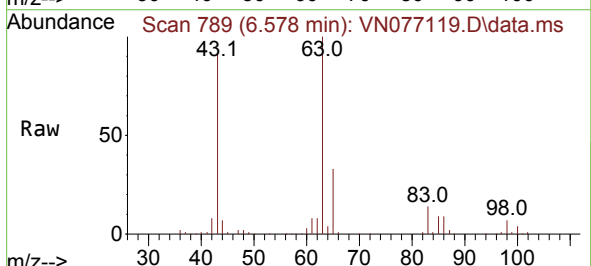
Instrument :
 MSVOA_N
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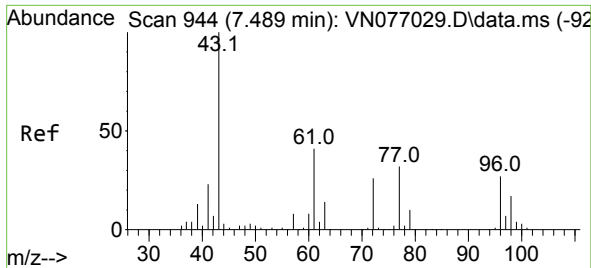
Tgt Ion: 43 Resp: 4140672
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 48.725 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN077119.D
 Acq: 22 Mar 2023 20:53

Tgt Ion: 63 Resp: 696965
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.1 9.4
 100 4.4 2.1 6.3

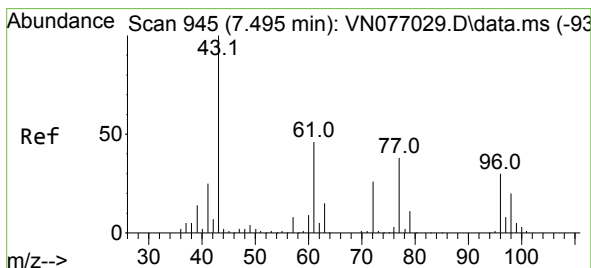
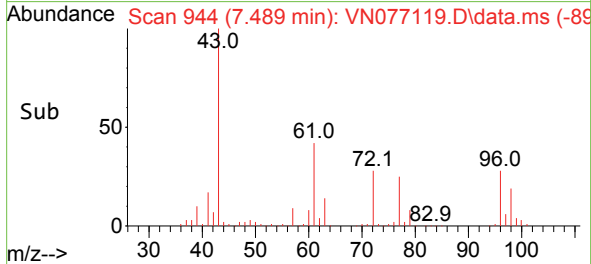
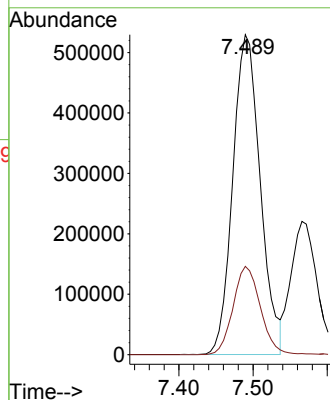
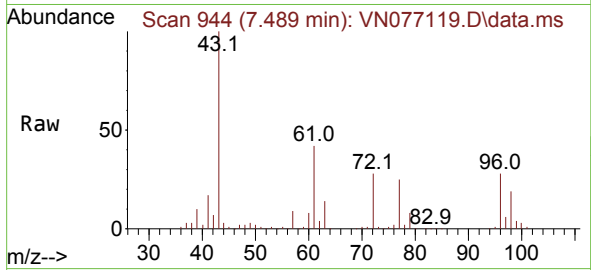




#25
2-Butanone
Concen: 255.068 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

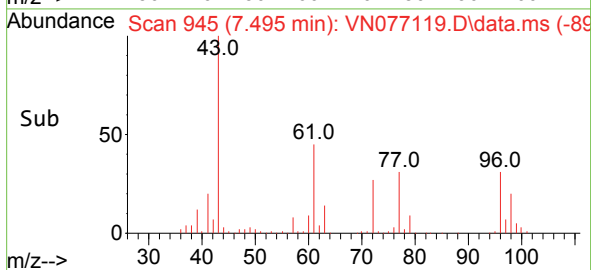
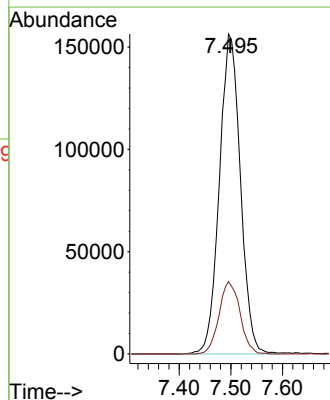
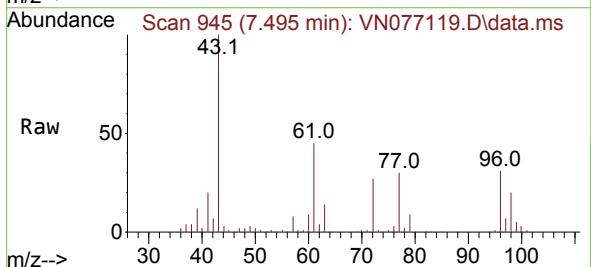
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

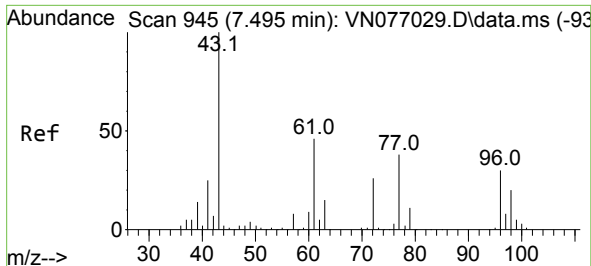
Tgt Ion: 43 Resp: 1363191
Ion Ratio Lower Upper
43 100
72 27.6 20.7 31.1



#26
2,2-Dichloropropane
Concen: 40.997 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

Tgt Ion: 77 Resp: 441241
Ion Ratio Lower Upper
77 100
97 22.6 10.9 32.9



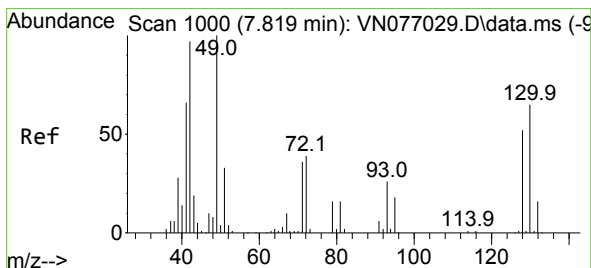
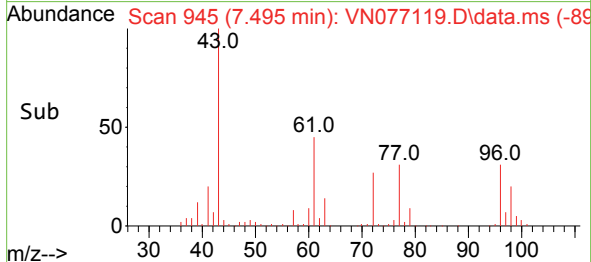
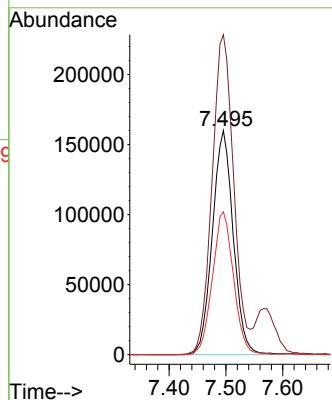
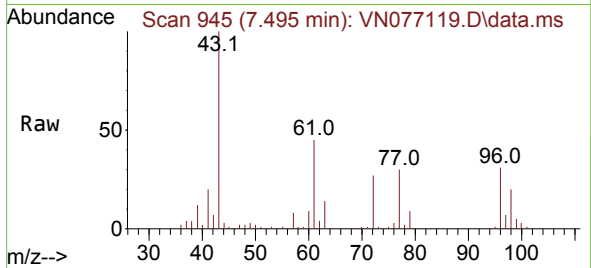


#27
 cis-1,2-Dichloroethene
 Concen: 52.797 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077119.D
 Acq: 22 Mar 2023 20:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 408451

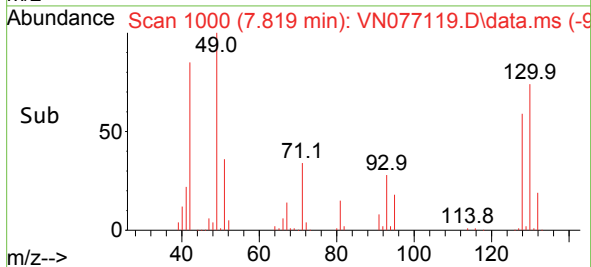
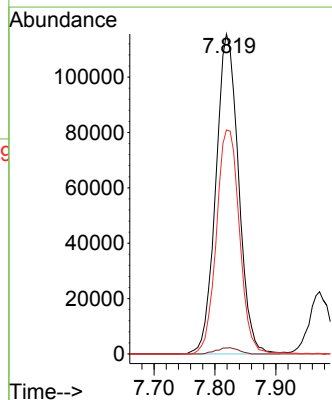
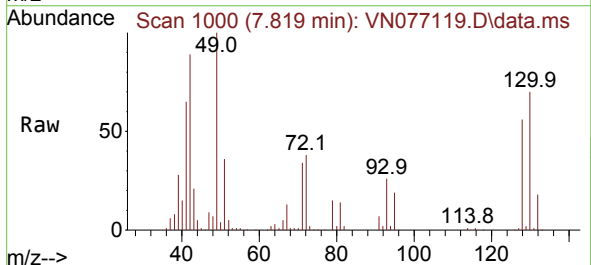
Ion	Ratio	Lower	Upper
96	100		
61	147.6	0.0	315.4
98	64.4	0.0	128.6

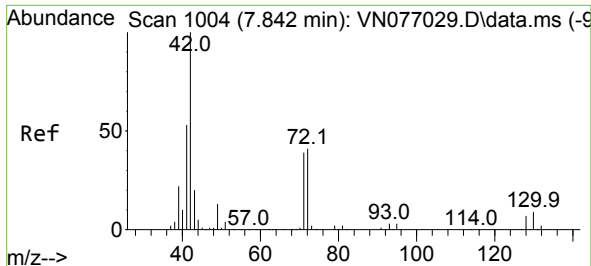


#28
 Bromochloromethane
 Concen: 48.247 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077119.D
 Acq: 22 Mar 2023 20:53

Tgt Ion: 49 Resp: 299703

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.2
130	71.1	51.9	77.9





#29

Tetrahydrofuran

Concen: 265.527 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077119.D

Acq: 22 Mar 2023 20:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

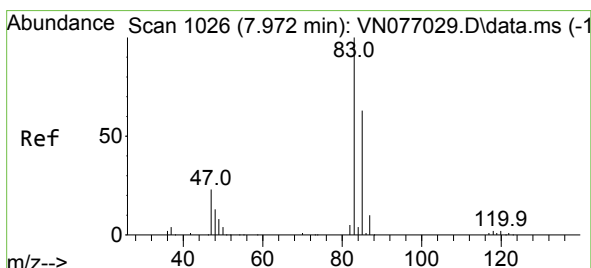
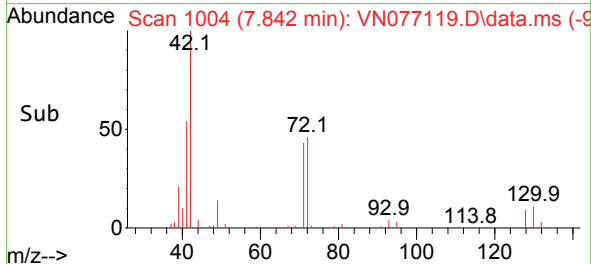
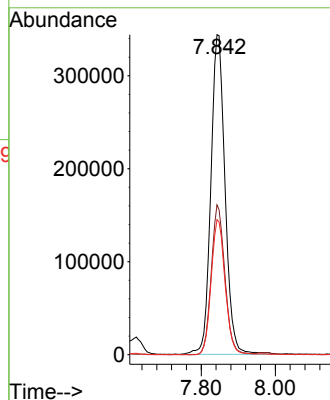
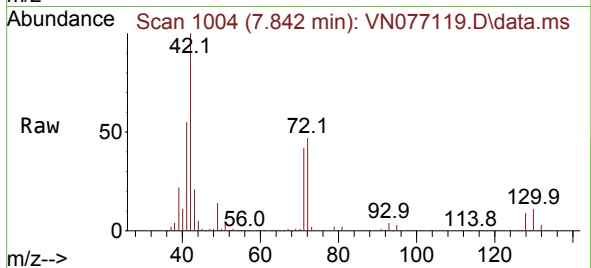
Tgt Ion: 42 Resp: 919579

Ion Ratio Lower Upper

42 100

72 44.8 33.2 49.8

71 41.3 31.0 46.4



#30

Chloroform

Concen: 49.601 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077119.D

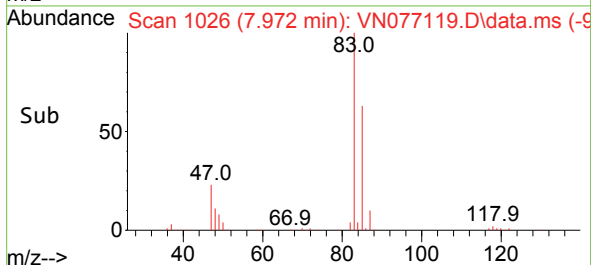
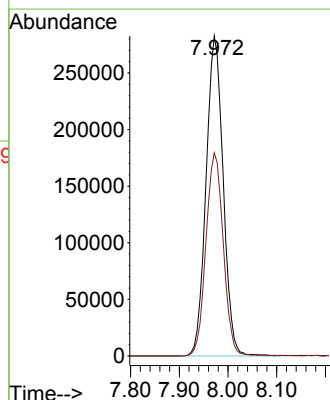
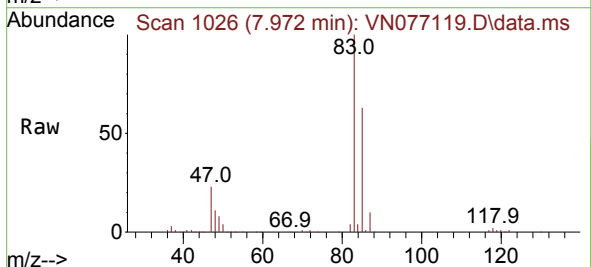
Acq: 22 Mar 2023 20:53

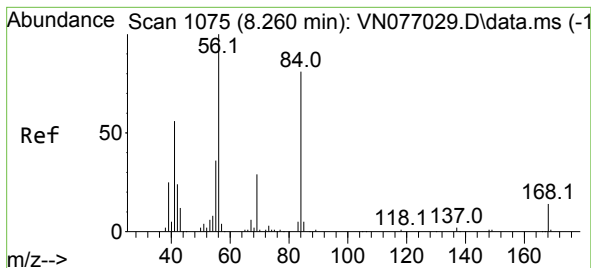
Tgt Ion: 83 Resp: 688619

Ion Ratio Lower Upper

83 100

85 63.5 50.6 75.8





#31

Cyclohexane

Concen: 39.339 ug/l

RT: 8.266 min Scan# 1075

Delta R.T. 0.006 min

Lab File: VN077119.D

Acq: 22 Mar 2023 20:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

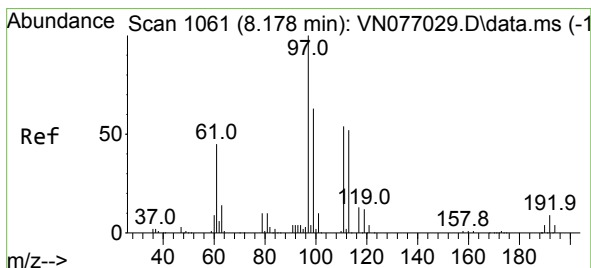
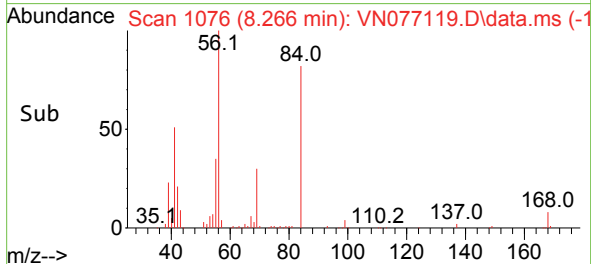
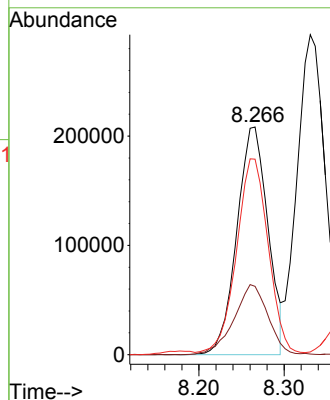
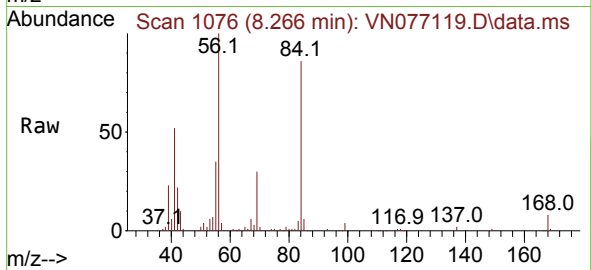
Tgt Ion: 56 Resp: 527738

Ion Ratio Lower Upper

56 100

69 30.0 22.8 34.2

84 84.2 64.7 97.1



#32

1,1,1-Trichloroethane

Concen: 45.153 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. -0.000 min

Lab File: VN077119.D

Acq: 22 Mar 2023 20:53

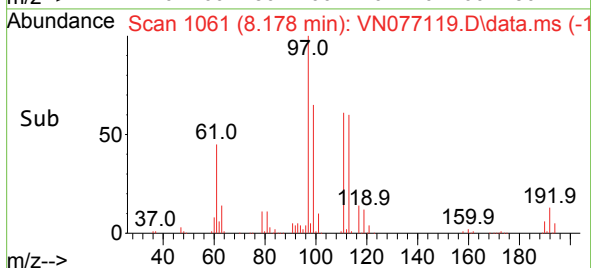
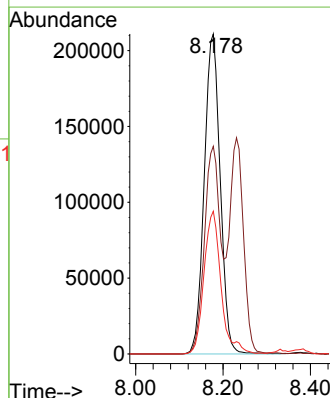
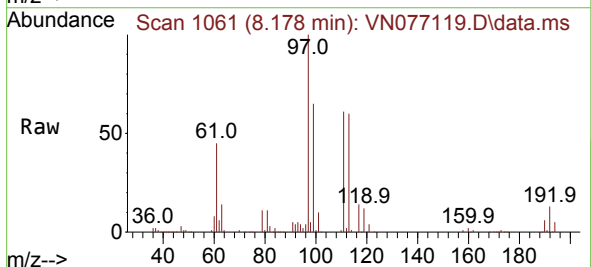
Tgt Ion: 97 Resp: 535778

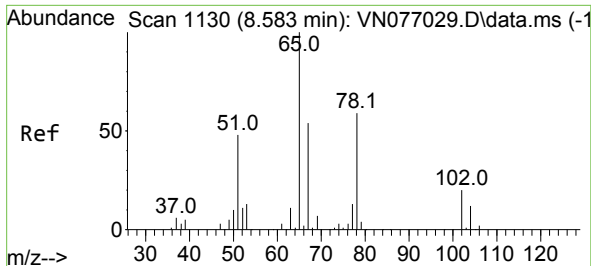
Ion Ratio Lower Upper

97 100

99 64.0 50.2 75.2

61 47.7 39.0 58.6





#33

1,2-Dichloroethane-d4

Concen: 51.012 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.001 min

Lab File: VN077119.D

Acq: 22 Mar 2023 20:53

Instrument :

MSVOA_N

ClientSampleId :

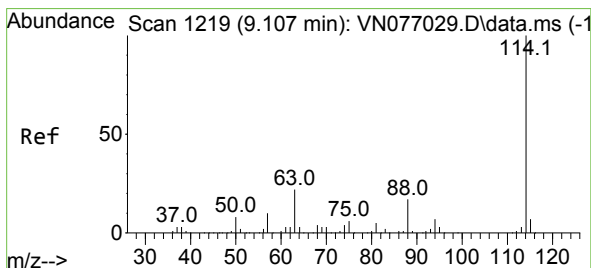
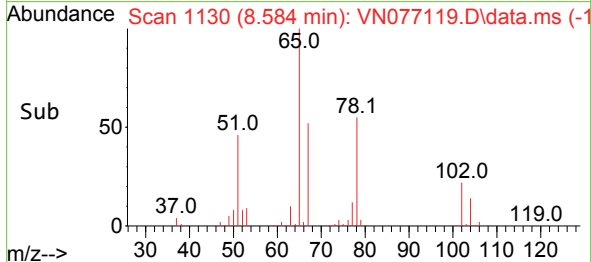
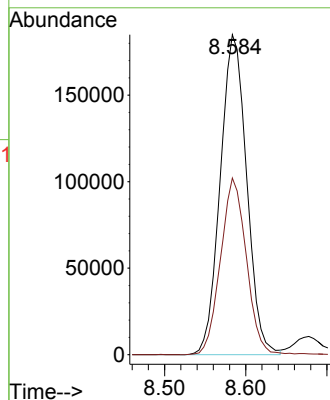
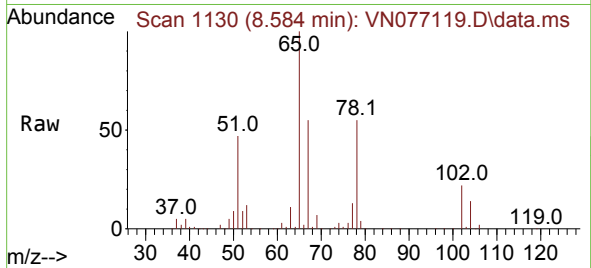
VSTDCCC050EC

Tgt Ion: 65 Resp: 418265

Ion Ratio Lower Upper

65 100

67 54.1 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077119.D

Acq: 22 Mar 2023 20:53

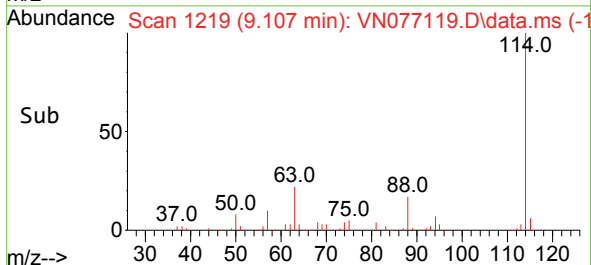
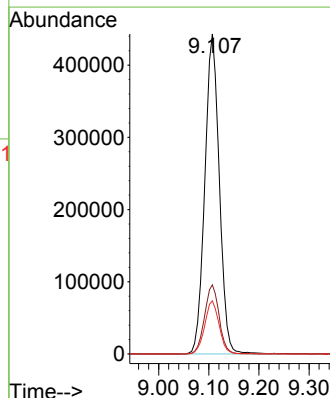
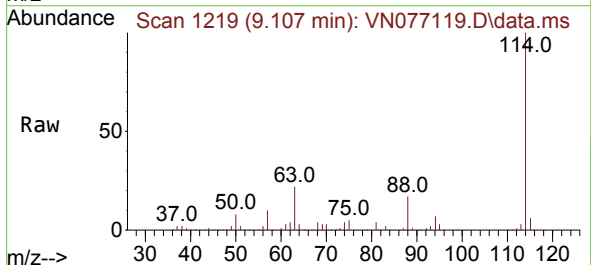
Tgt Ion: 114 Resp: 890845

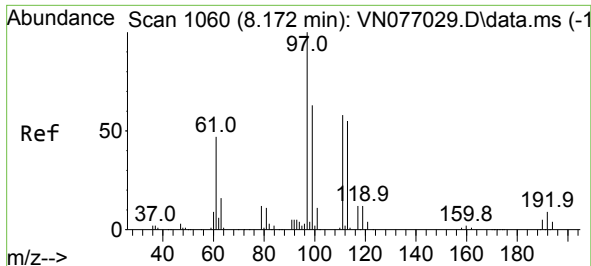
Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.6

88 16.6 0.0 33.8





#35

Dibromofluoromethane

Concen: 52.718 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077119.D

Acq: 22 Mar 2023 20:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

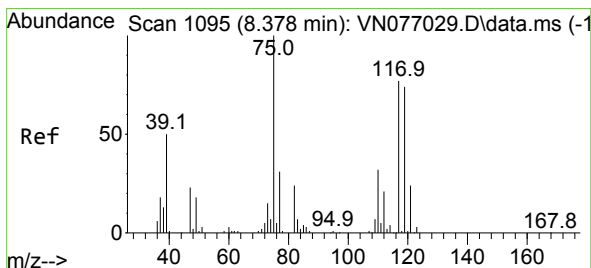
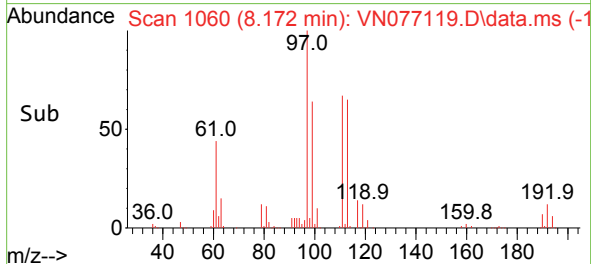
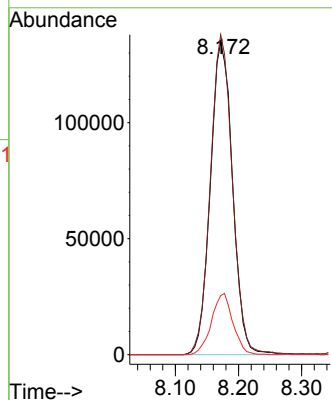
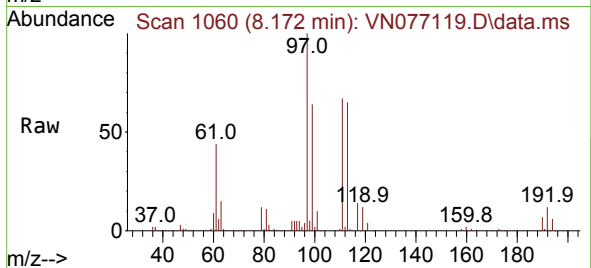
Tgt Ion:113 Resp: 328891

Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.2

192 18.9 13.0 19.6



#36

1,1-Dichloropropene

Concen: 47.055 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. 0.000 min

Lab File: VN077119.D

Acq: 22 Mar 2023 20:53

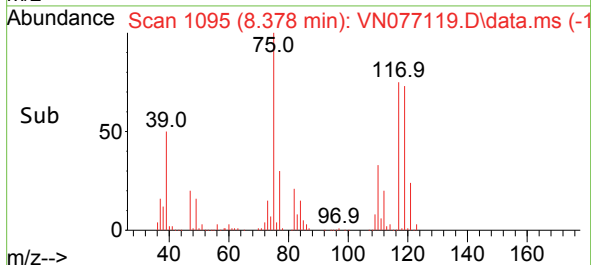
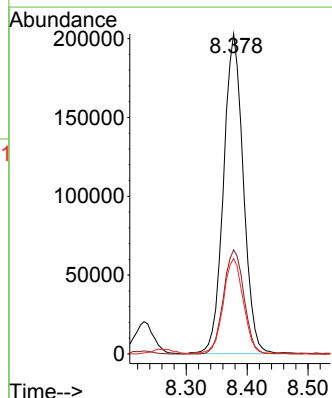
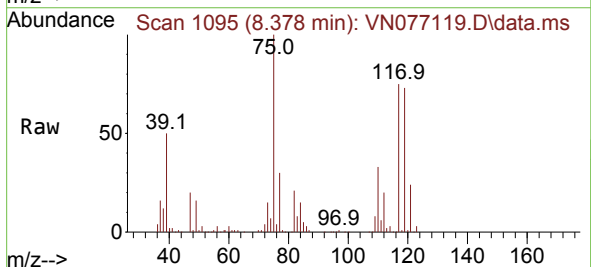
Tgt Ion: 75 Resp: 458521

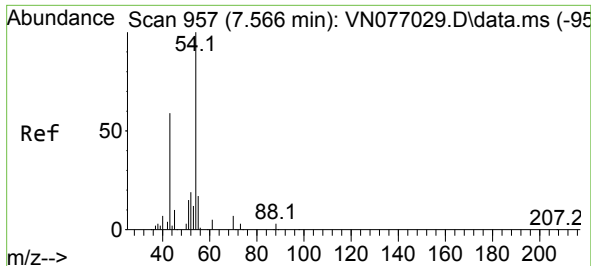
Ion Ratio Lower Upper

75 100

110 33.6 15.9 47.7

77 30.2 24.3 36.5

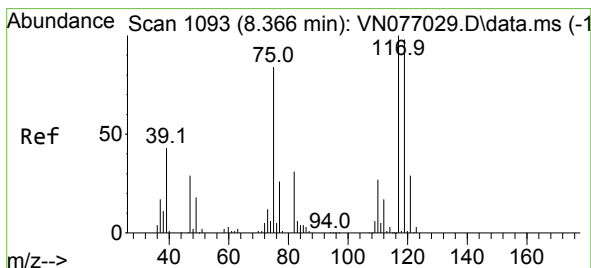
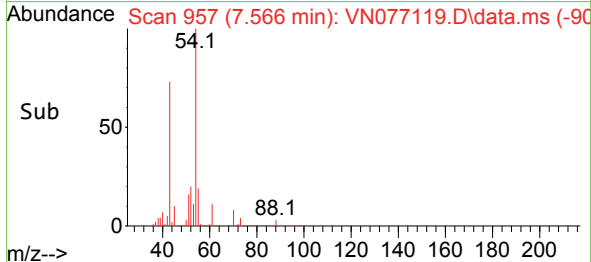
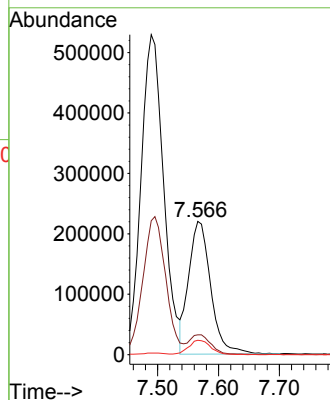
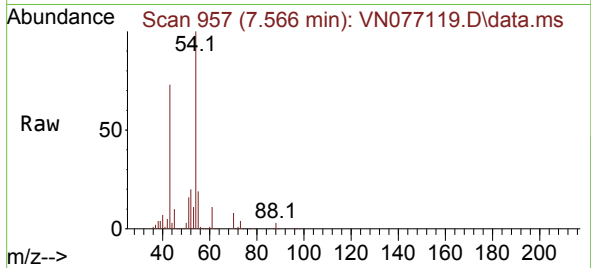




#37
Ethyl Acetate
Concen: 53.078 ug/l
RT: 7.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

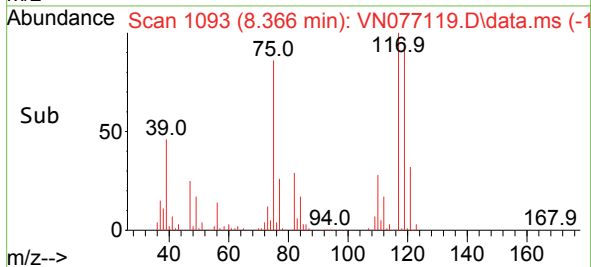
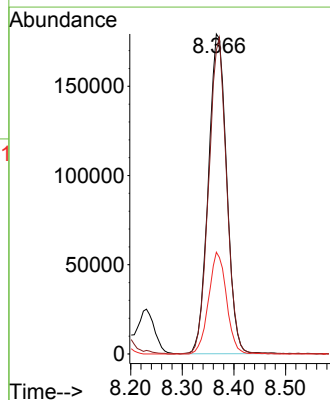
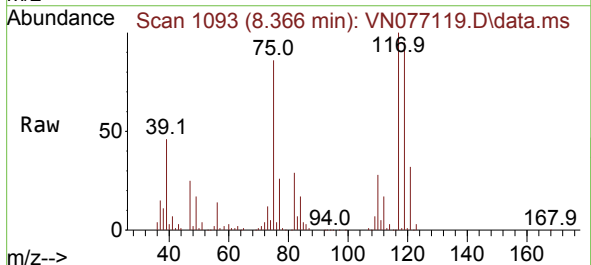
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

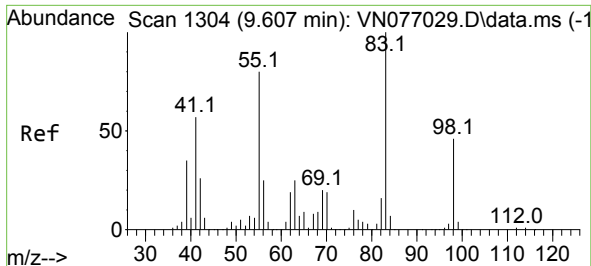
Tgt Ion: 43 Resp: 553378
Ion Ratio Lower Upper
43 100
61 14.7 11.0 16.6
70 11.0 8.4 12.6



#38
Carbon Tetrachloride
Concen: 46.534 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

Tgt Ion: 117 Resp: 441669
Ion Ratio Lower Upper
117 100
119 95.0 78.2 117.2
121 31.8 23.2 34.8





#39

Methylcyclohexane

Concen: 44.004 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VN077119.D

Acq: 22 Mar 2023 20:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

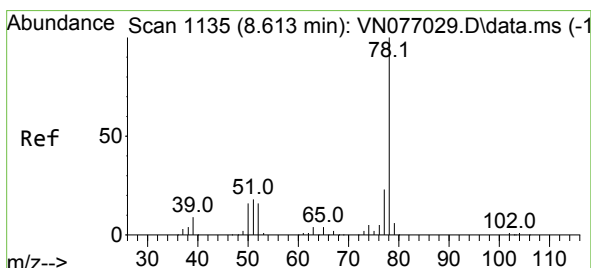
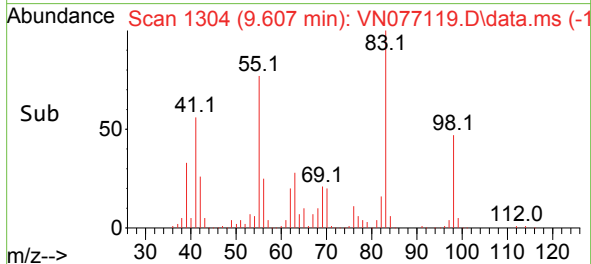
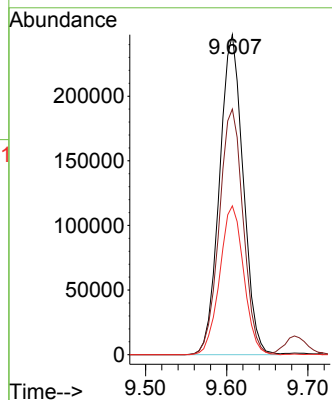
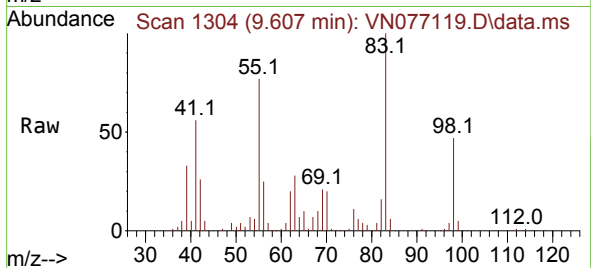
Tgt Ion: 83 Resp: 501893

Ion Ratio Lower Upper

83 100

55 76.8 63.8 95.8

98 46.5 37.1 55.7



#40

Benzene

Concen: 50.165 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. 0.000 min

Lab File: VN077119.D

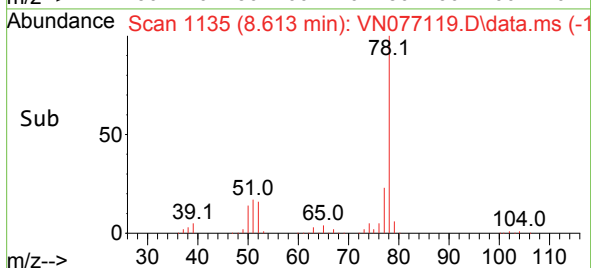
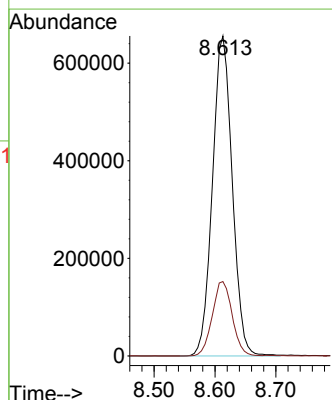
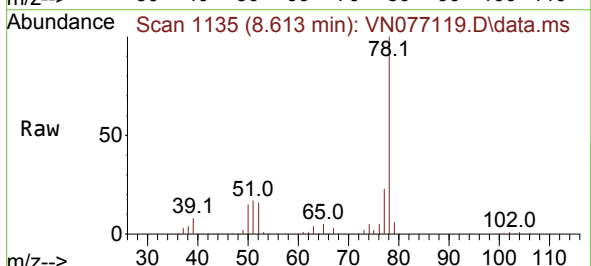
Acq: 22 Mar 2023 20:53

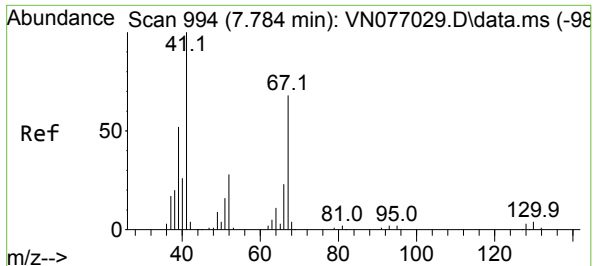
Tgt Ion: 78 Resp: 1482480

Ion Ratio Lower Upper

78 100

77 23.3 18.5 27.7



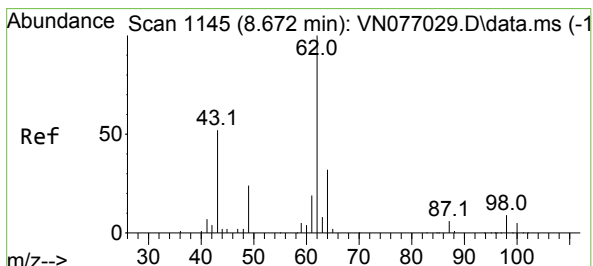
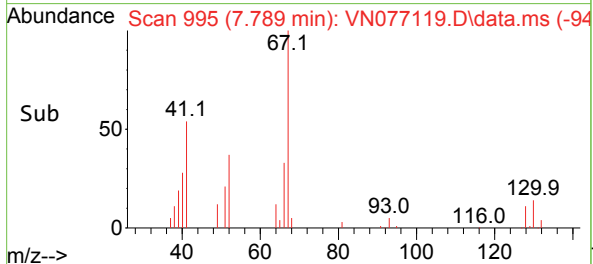
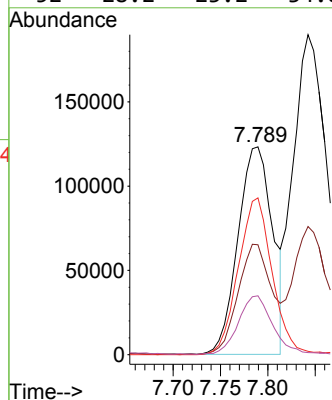
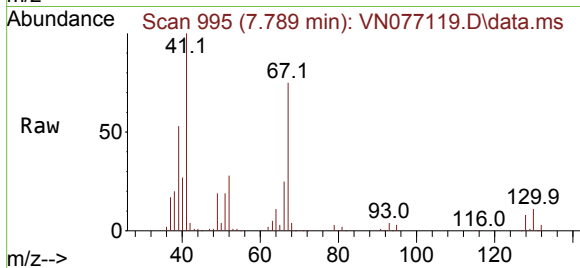


#41
Methacrylonitrile
Concen: 55.971 ug/l
RT: 7.789 min Scan# 995
Delta R.T. 0.006 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 314363

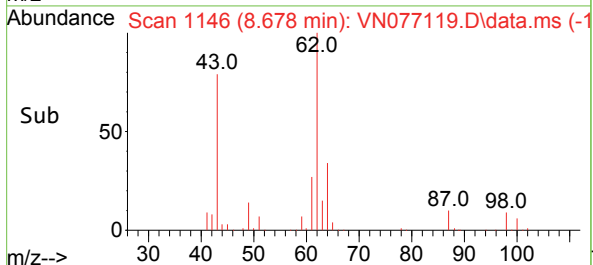
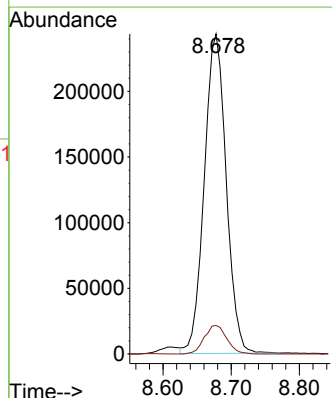
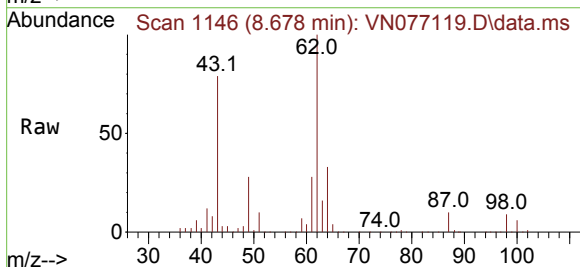
Ion	Ratio	Lower	Upper
41	100		
39	51.8	41.6	62.4
67	74.1	53.8	80.8
52	28.2	23.2	34.8

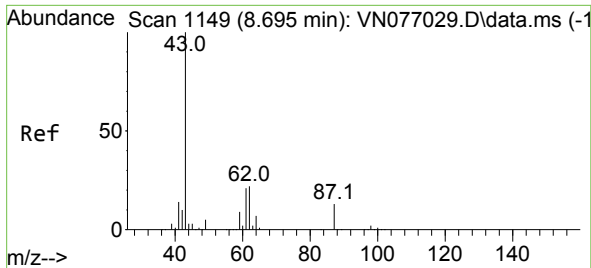


#42
1,2-Dichloroethane
Concen: 51.031 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

Tgt Ion: 62 Resp: 544953

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.4

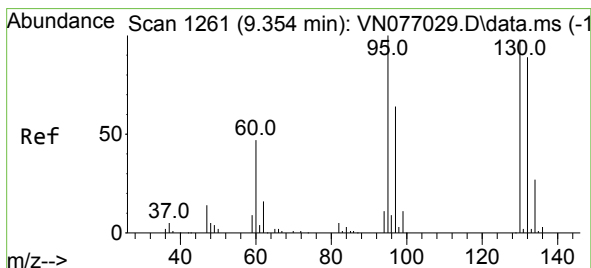
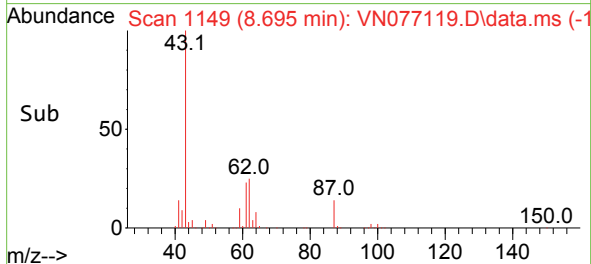
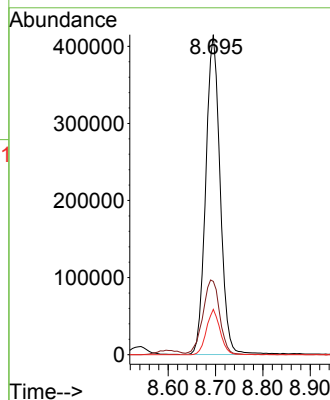
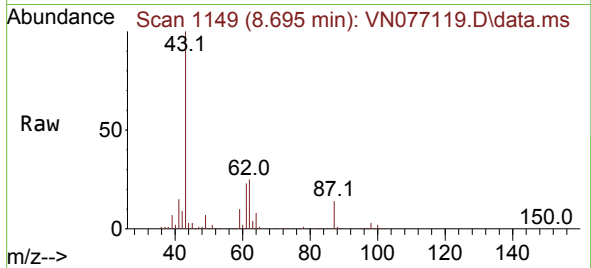




#43
Isopropyl Acetate
Concen: 53.603 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

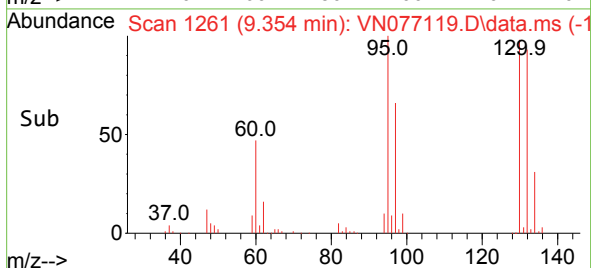
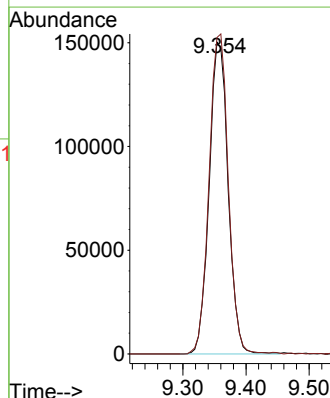
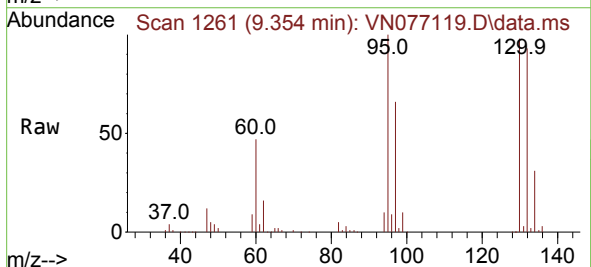
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

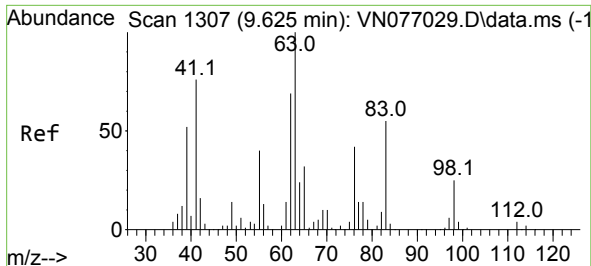
Tgt Ion: 43 Resp: 873012
Ion Ratio Lower Upper
43 100
61 27.4 20.6 30.8
87 13.4 10.0 15.0



#44
Trichloroethene
Concen: 46.262 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

Tgt Ion:130 Resp: 314031
Ion Ratio Lower Upper
130 100
95 101.5 0.0 204.4

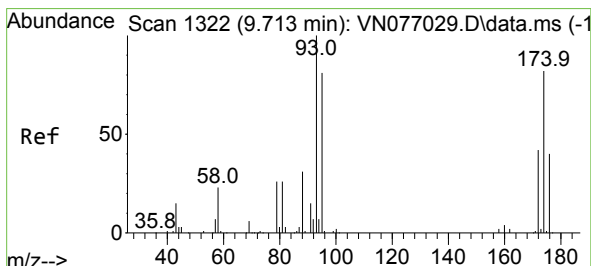
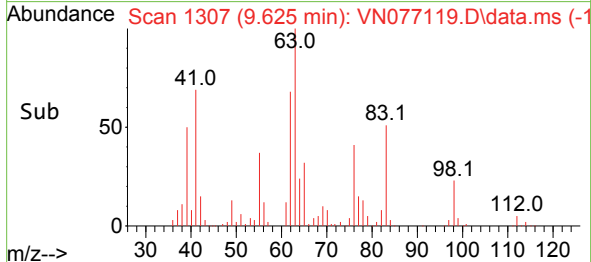
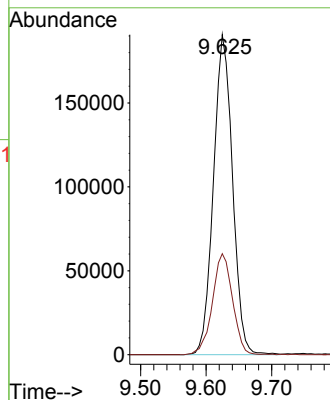
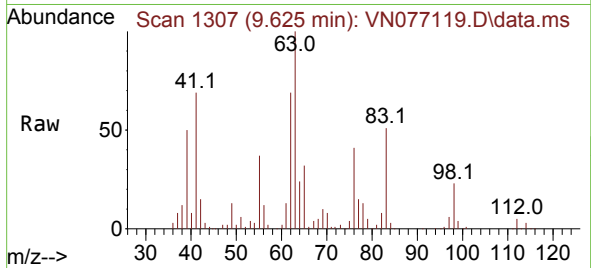




#45
1,2-Dichloropropane
Concen: 48.990 ug/l
RT: 9.625 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

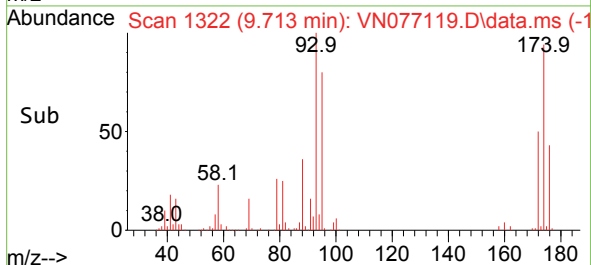
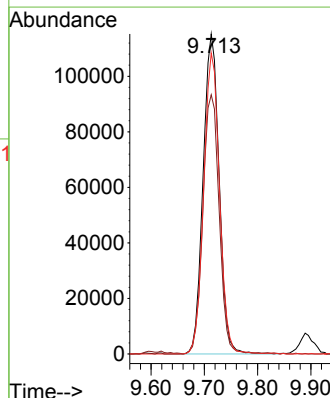
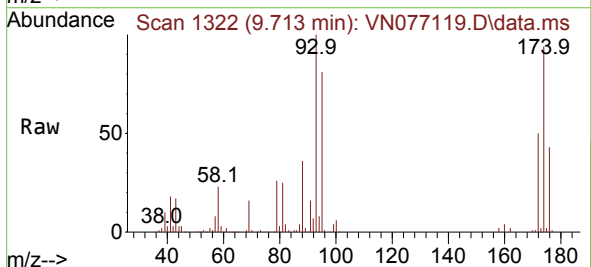
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

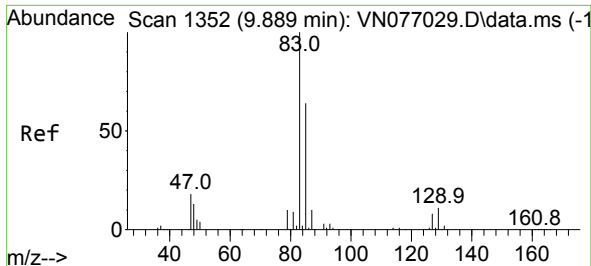
Tgt Ion: 63 Resp: 384516
Ion Ratio Lower Upper
63 100
65 31.6 25.5 38.3



#46
Dibromomethane
Concen: 48.725 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

Tgt Ion: 93 Resp: 241195
Ion Ratio Lower Upper
93 100
95 82.0 65.7 98.5
174 92.8 66.4 99.6

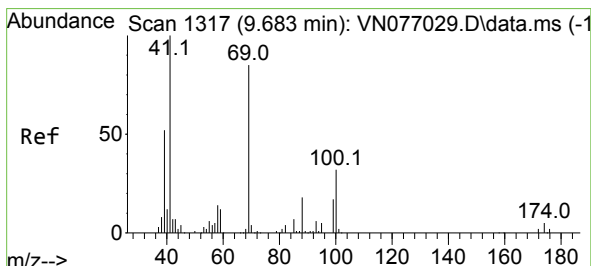
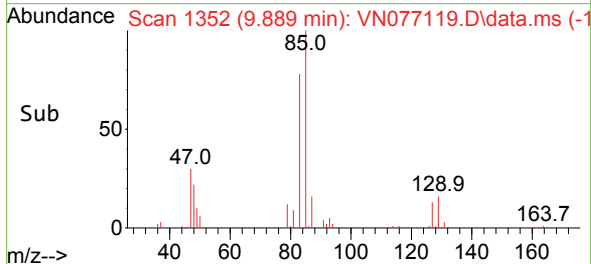
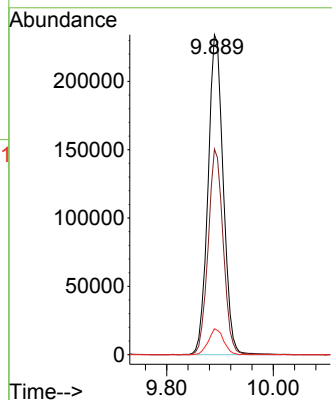
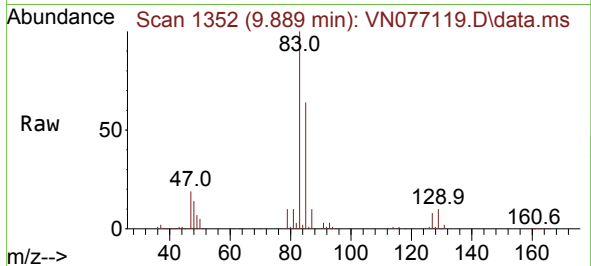




#47
Bromodichloromethane
Concen: 44.825 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

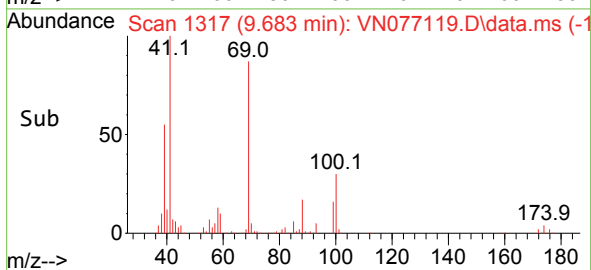
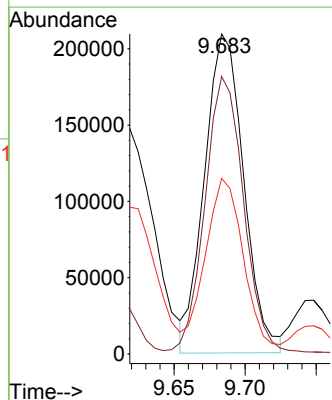
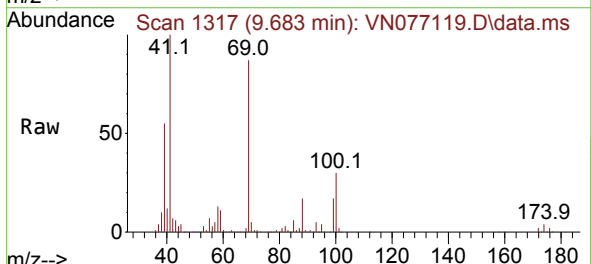
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

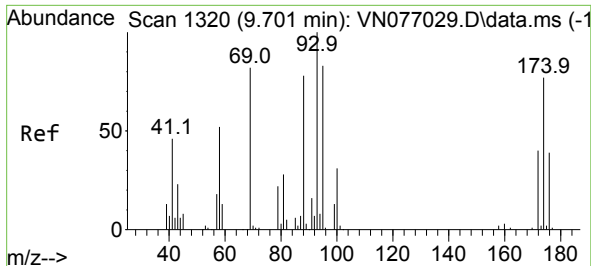
Tgt Ion: 83 Resp: 465369
Ion Ratio Lower Upper
83 100
85 64.3 51.0 76.4
127 8.1 6.1 9.1



#48
Methyl methacrylate
Concen: 51.539 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

Tgt Ion: 41 Resp: 401290
Ion Ratio Lower Upper
41 100
69 86.2 64.3 96.5
39 54.4 43.2 64.8





#49

1,4-Dioxane

Concen: 1120.053 ug/l

RT: 9.695 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN077119.D

Acq: 22 Mar 2023 20:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

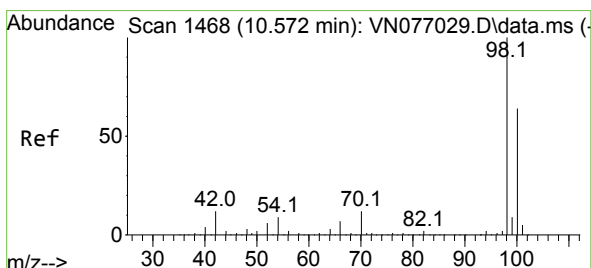
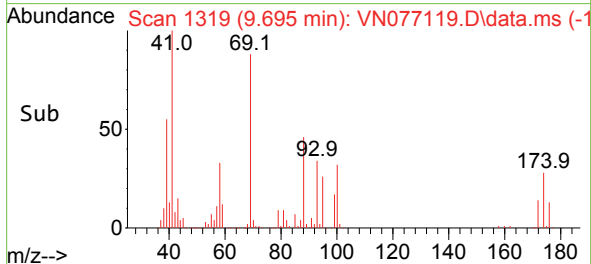
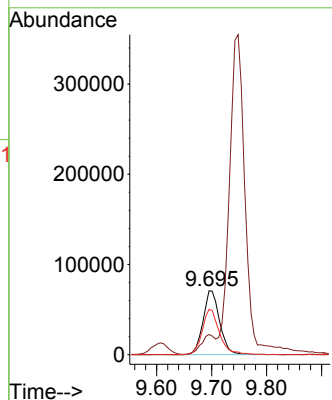
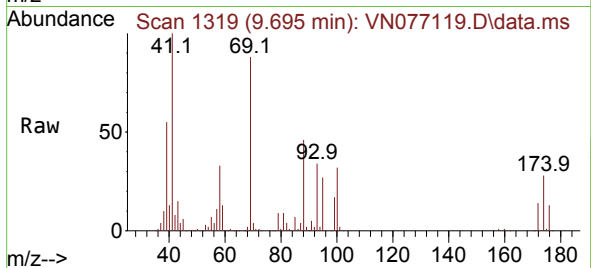
Tgt Ion: 88 Resp: 148951

Ion Ratio Lower Upper

88 100

43 25.9 22.2 33.2

58 73.7 60.8 91.2



#50

Toluene-d8

Concen: 26.493 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VN077119.D

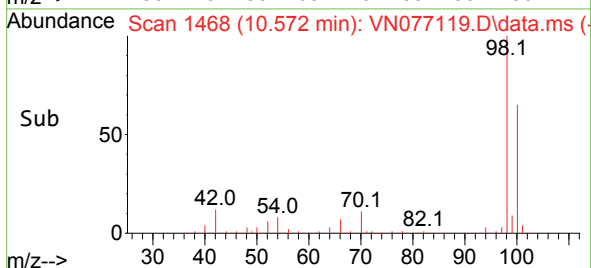
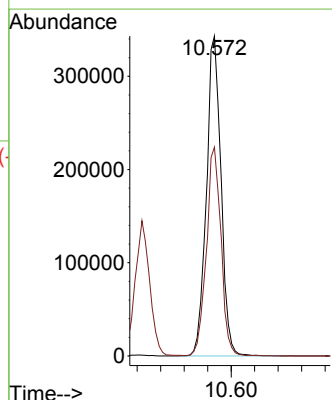
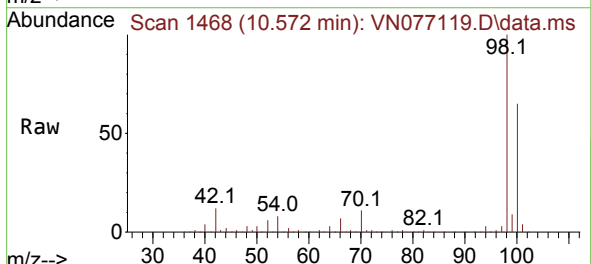
Acq: 22 Mar 2023 20:53

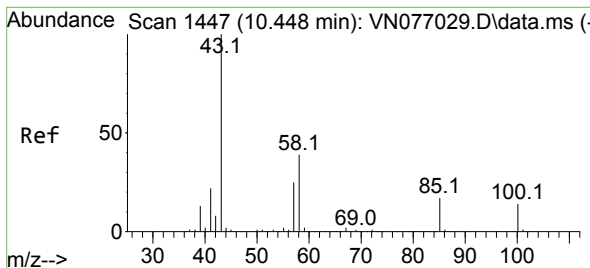
Tgt Ion: 98 Resp: 590411

Ion Ratio Lower Upper

98 100

100 65.4 51.6 77.4

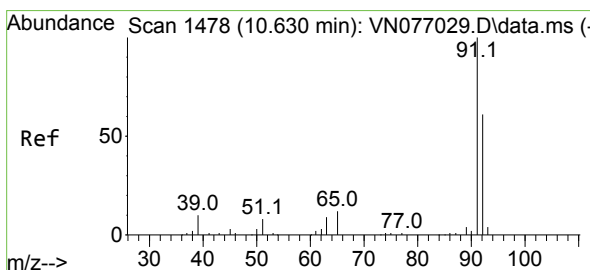
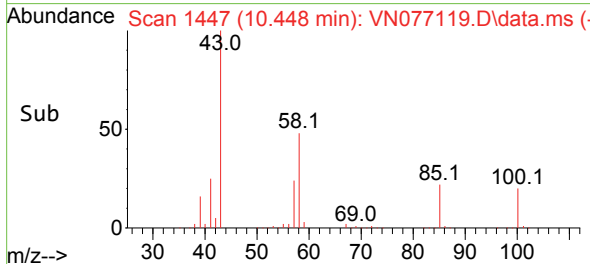
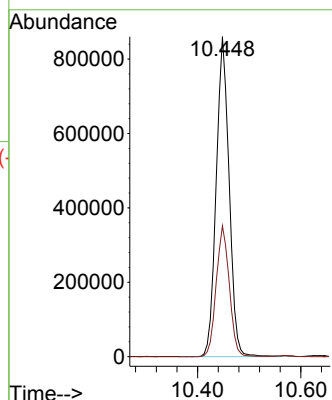
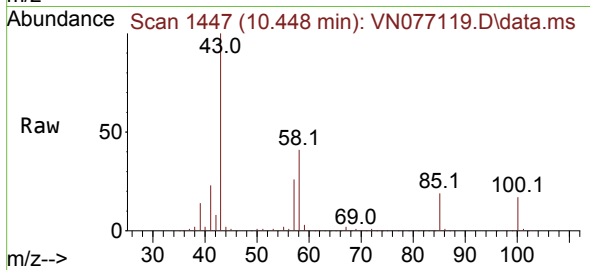




#51
4-Methyl-2-Pentanone
Concen: 147.257 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

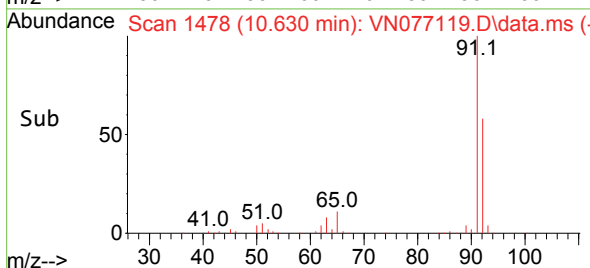
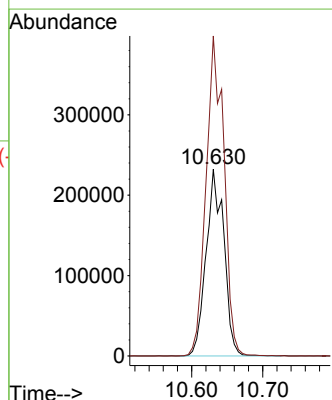
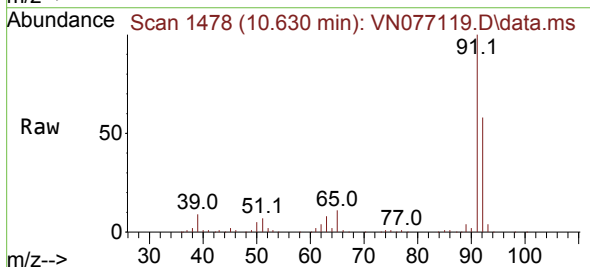
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

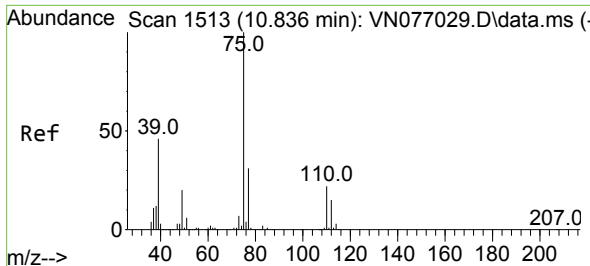
Tgt Ion: 43 Resp: 1493499
Ion Ratio Lower Upper
43 100
58 41.4 31.1 46.7



#52
Toluene
Concen: 22.988 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

Tgt Ion: 92 Resp: 405622
Ion Ratio Lower Upper
92 100
91 172.6 135.8 203.8

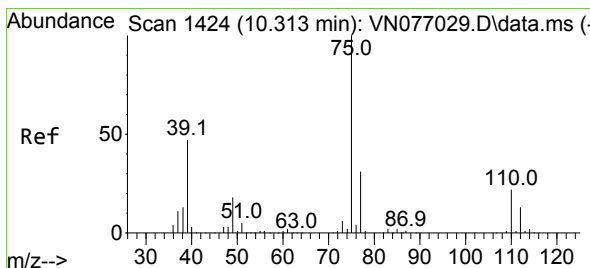
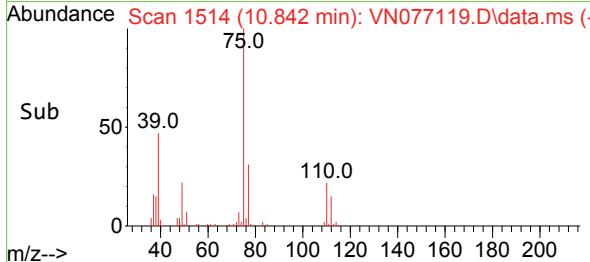
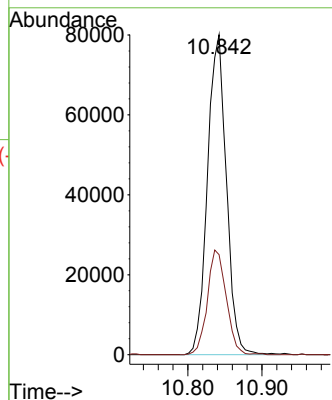
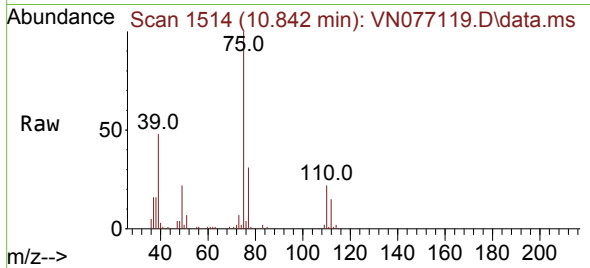




#53
t-1,3-Dichloropropene
Concen: 13.951 ug/l
RT: 10.842 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

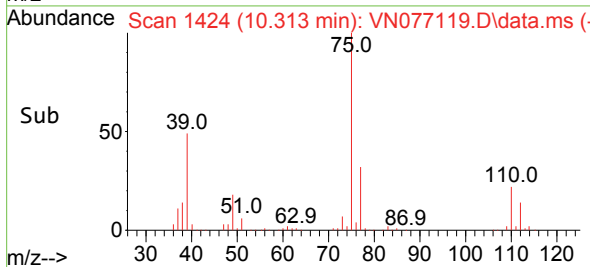
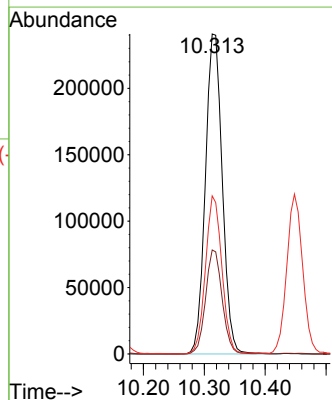
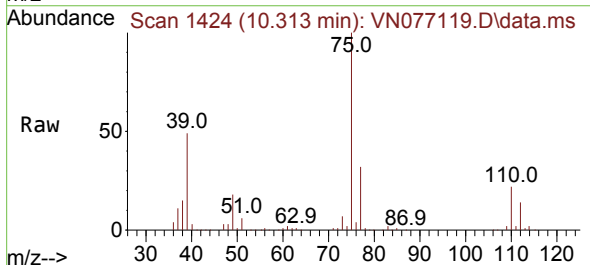
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

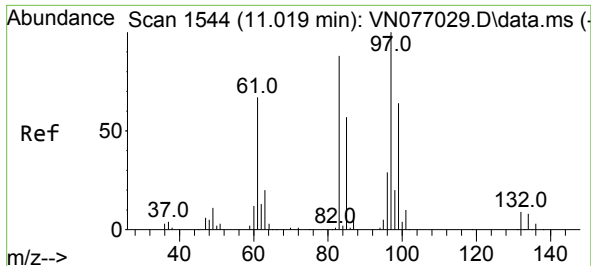
Tgt Ion: 75 Resp: 141958
Ion Ratio Lower Upper
75 100
77 31.2 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 40.536 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

Tgt Ion: 75 Resp: 465386
Ion Ratio Lower Upper
75 100
77 32.5 24.5 36.7
39 49.3 37.8 56.6

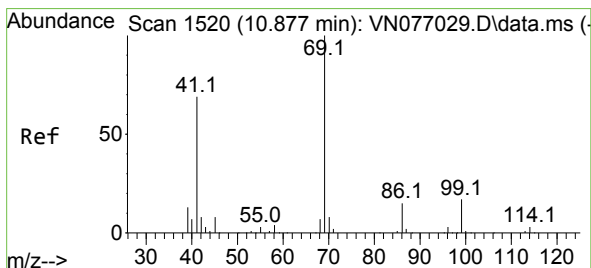
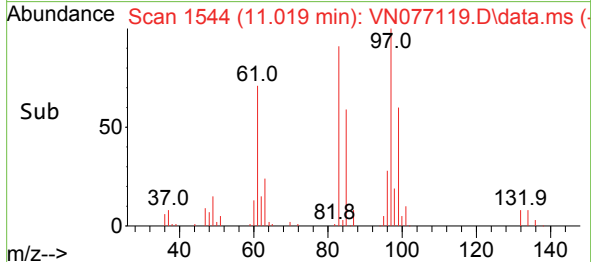
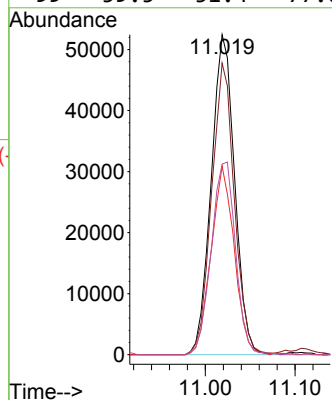
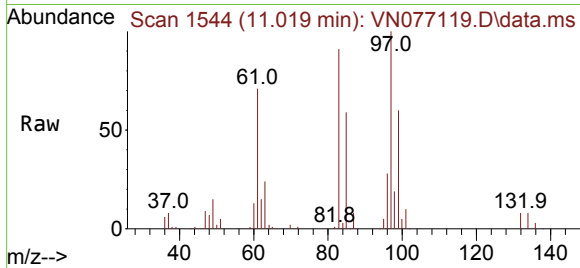




#55
1,1,2-Trichloroethane
Concen: 13.659 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

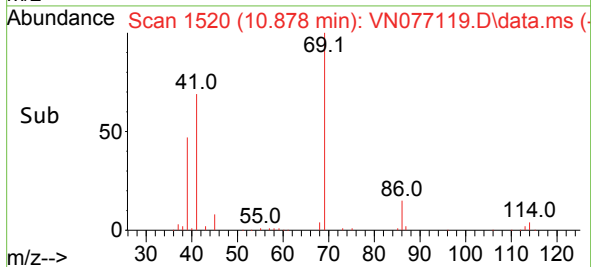
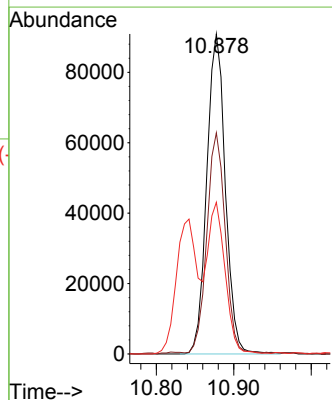
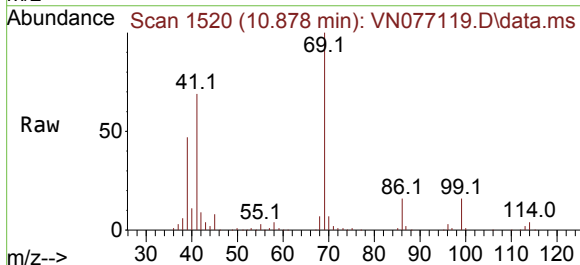
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

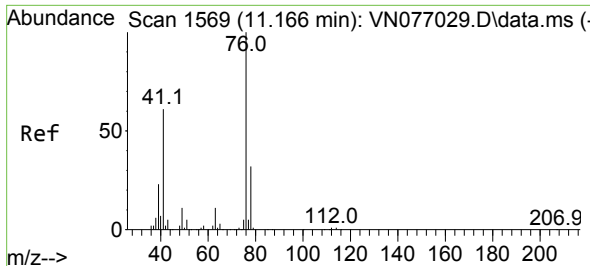
Tgt Ion:	97	Resp:	95036
Ion	Ratio	Lower	Upper
97	100		
83	91.1	70.5	105.7
85	58.9	45.4	68.2
99	59.5	51.4	77.0



#56
Ethyl methacrylate
Concen: 14.479 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

Tgt Ion:	69	Resp:	151494
Ion	Ratio	Lower	Upper
69	100		
41	67.8	54.9	82.3
39	43.3	26.6	40.0#

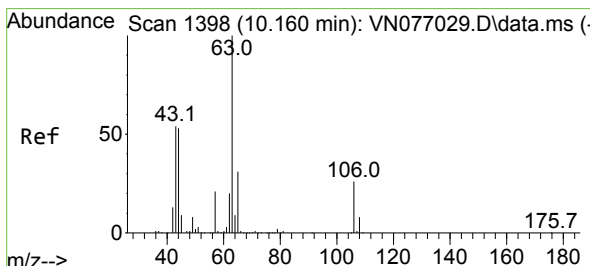
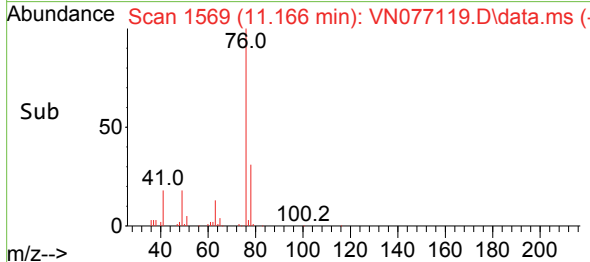
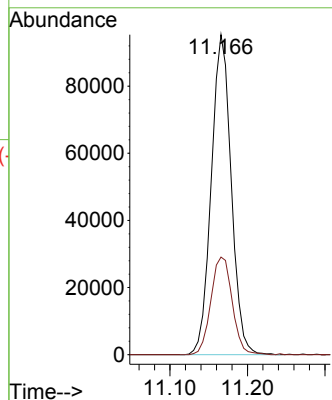
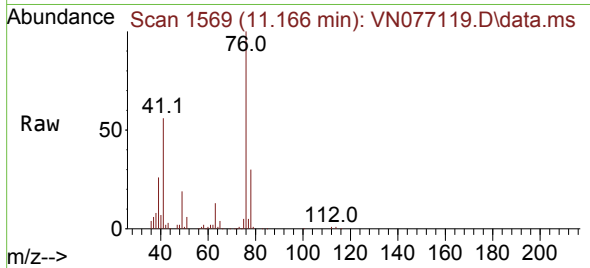




#57
1,3-Dichloropropane
Concen: 13.369 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

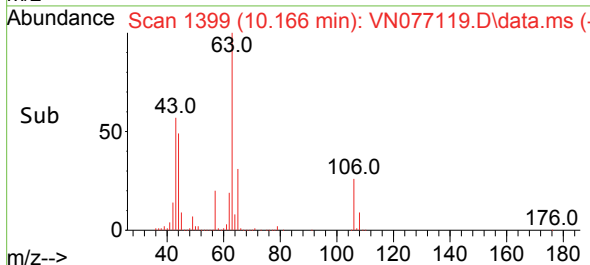
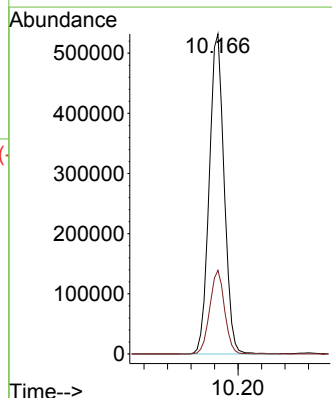
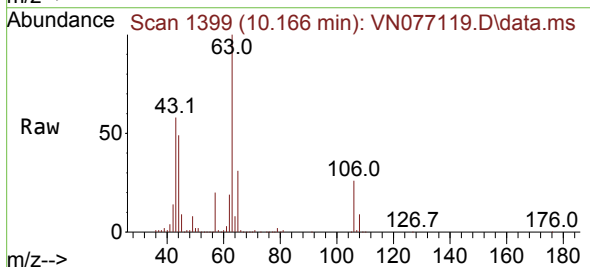
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

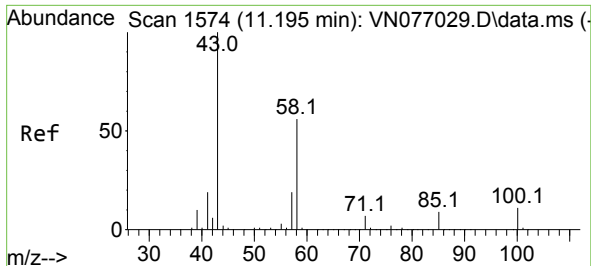
Tgt Ion: 76 Resp: 170304
Ion Ratio Lower Upper
76 100
78 32.6 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 209.200 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

Tgt Ion: 63 Resp: 933148
Ion Ratio Lower Upper
63 100
106 26.0 20.6 31.0

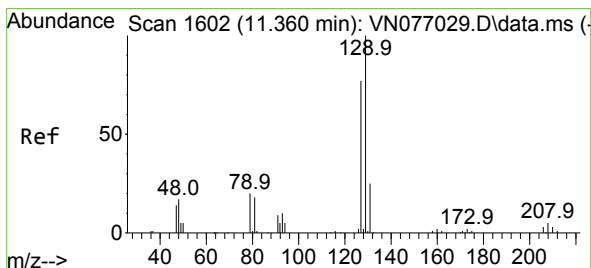
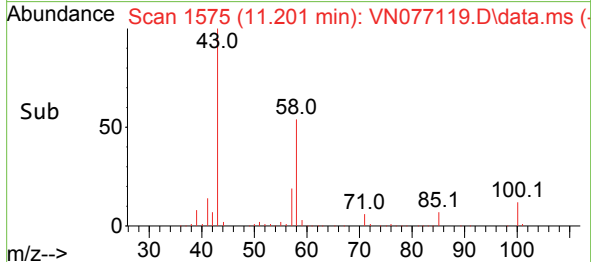
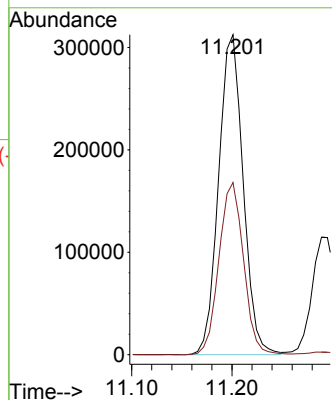
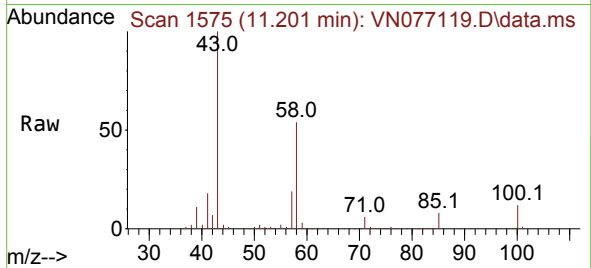




#59
2-Hexanone
Concen: 72.152 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

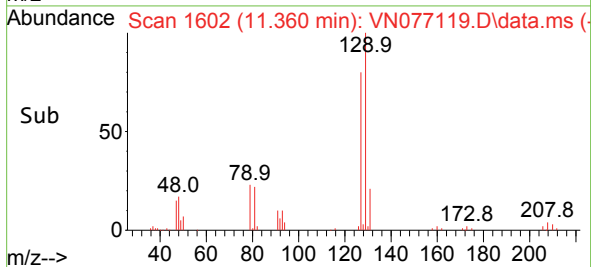
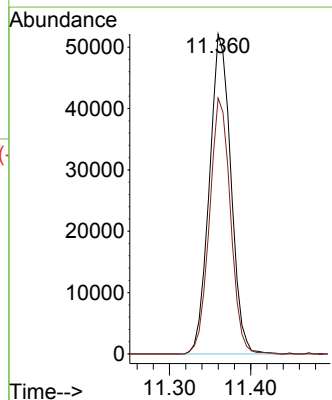
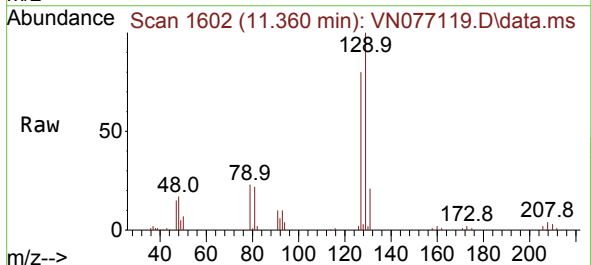
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

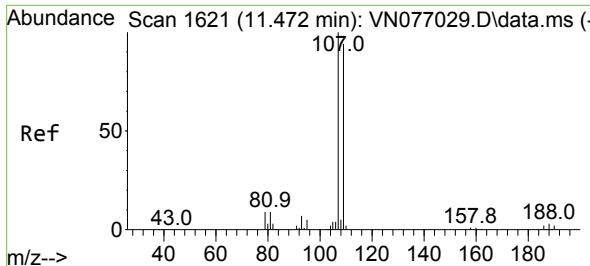
Tgt Ion: 43 Resp: 530765
Ion Ratio Lower Upper
43 100
58 53.8 27.7 83.1



#60
Dibromochloromethane
Concen: 13.734 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

Tgt Ion: 129 Resp: 95992
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.7

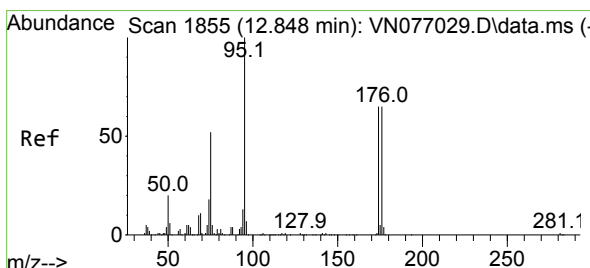
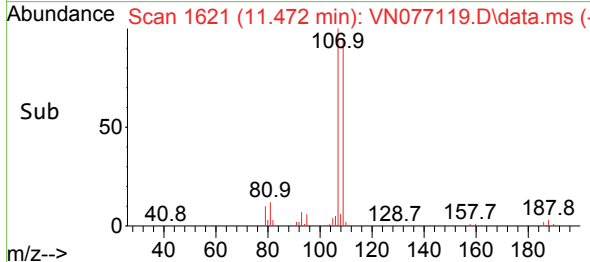
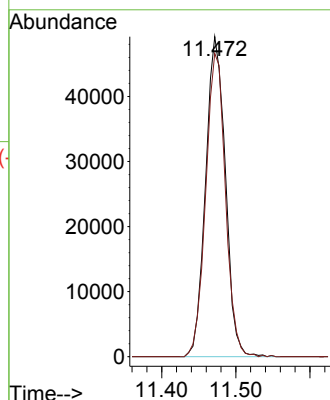
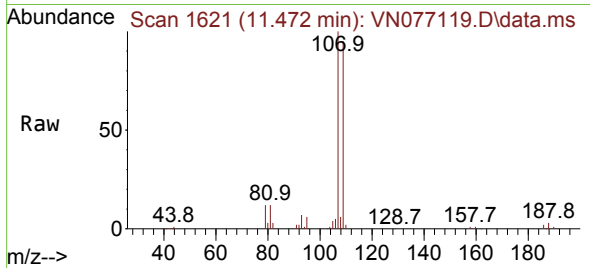




#61
1,2-Dibromoethane
Concen: 13.215 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

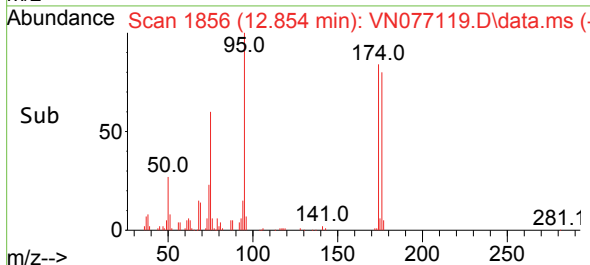
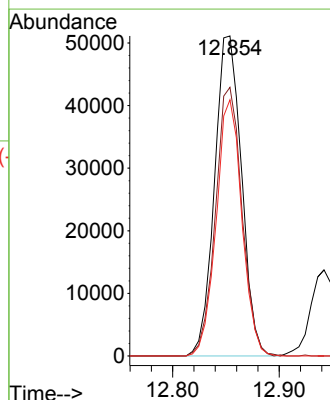
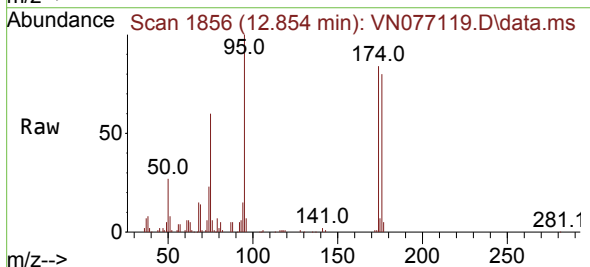
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

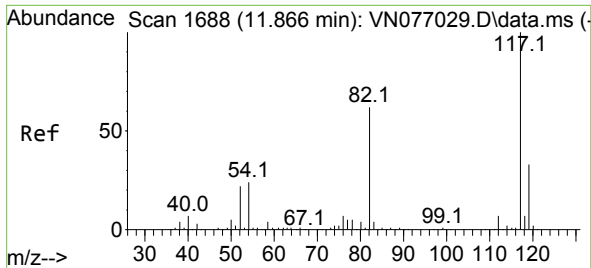
Tgt Ion:107 Resp: 91180
Ion Ratio Lower Upper
107 100
109 94.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 11.430 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

Tgt Ion: 95 Resp: 90011
Ion Ratio Lower Upper
95 100
174 82.3 0.0 136.6
176 76.1 0.0 130.0

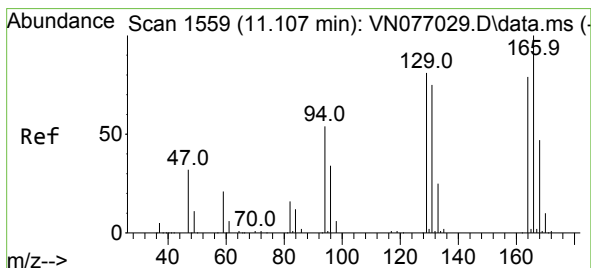
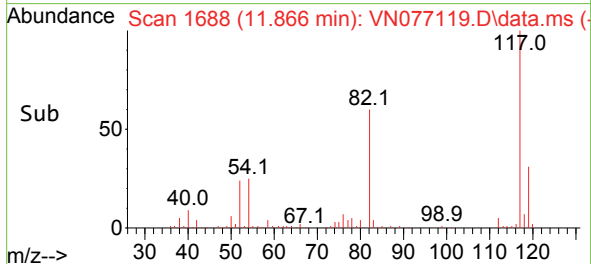
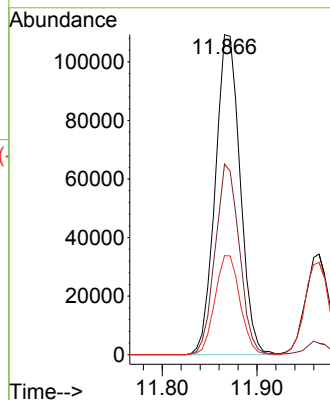
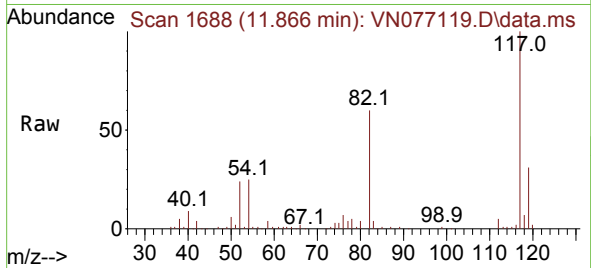




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

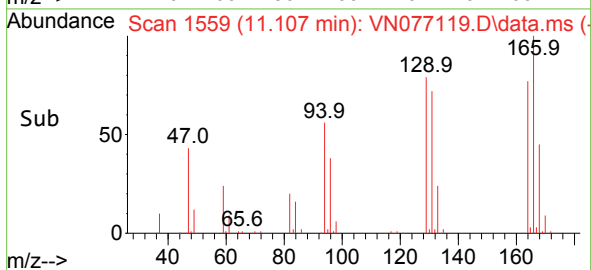
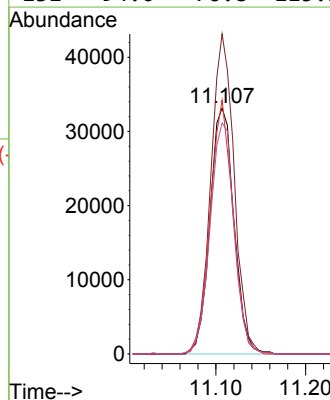
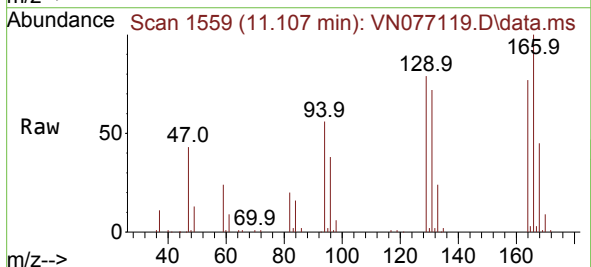
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

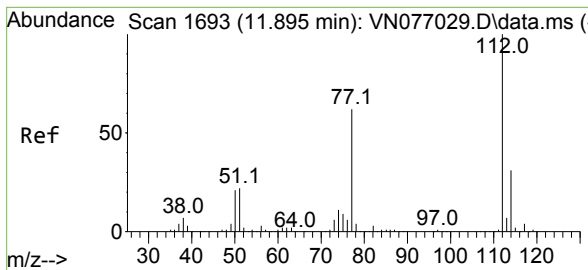
Tgt Ion:117 Resp: 199173
Ion Ratio Lower Upper
117 100
82 59.6 49.4 74.0
119 30.9 26.5 39.7



#64
Tetrachloroethene
Concen: 46.174 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

Tgt Ion:164 Resp: 61722
Ion Ratio Lower Upper
164 100
166 130.2 101.9 152.9
129 103.2 82.6 123.8
131 94.0 76.8 115.2

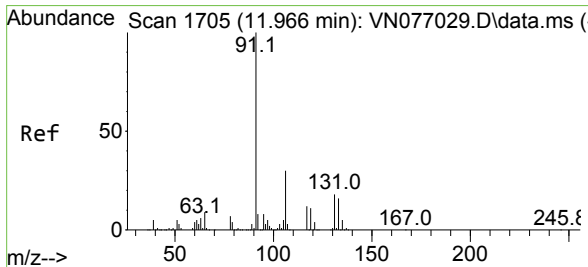
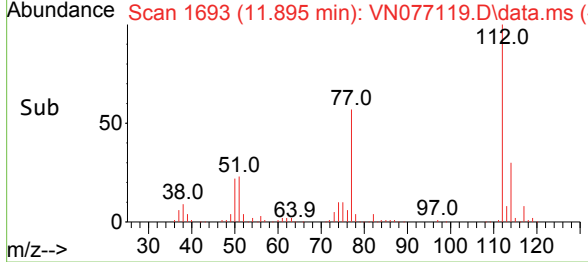
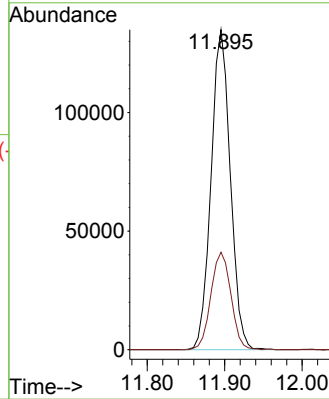
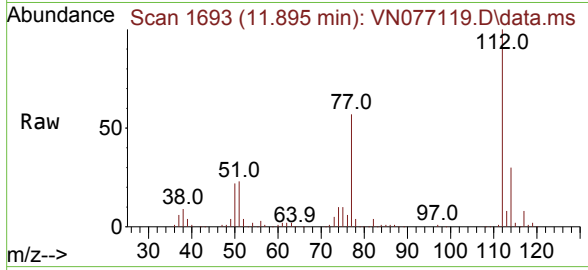




#65
Chlorobenzene
Concen: 50.945 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

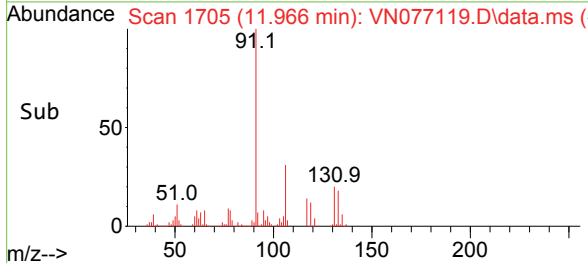
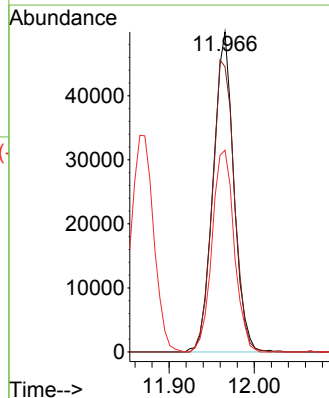
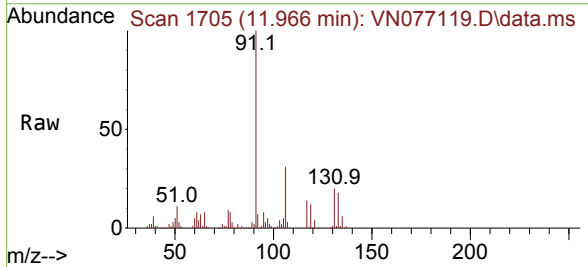
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

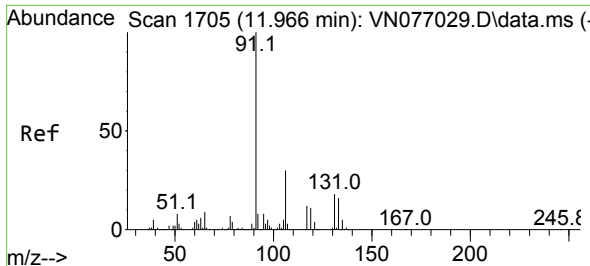
Tgt Ion:112 Resp: 233466
Ion Ratio Lower Upper
112 100
114 30.4 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 49.510 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

Tgt Ion:131 Resp: 83955
Ion Ratio Lower Upper
131 100
133 97.1 46.8 140.3
119 67.8 32.6 97.8

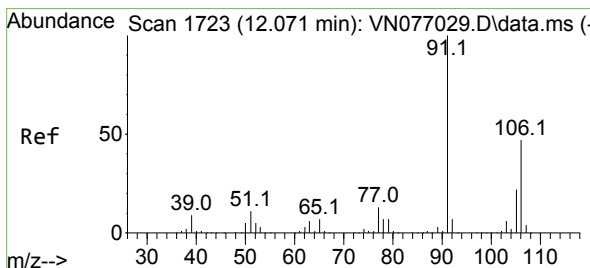
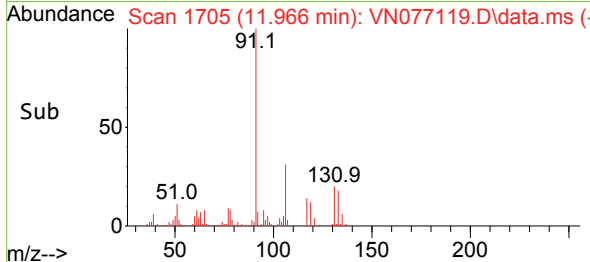
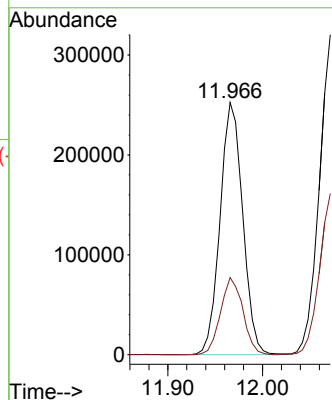
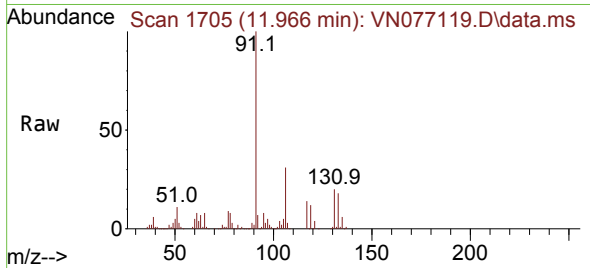




#67
Ethyl Benzene
Concen: 50.456 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

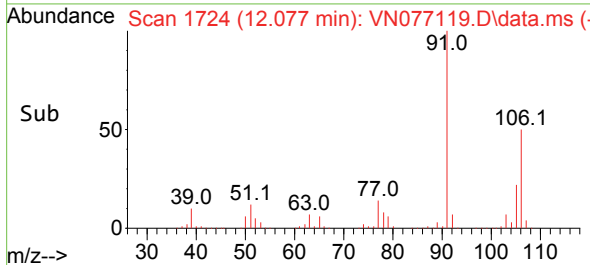
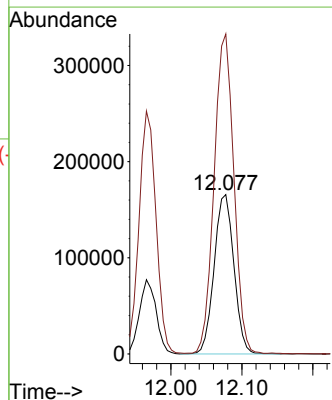
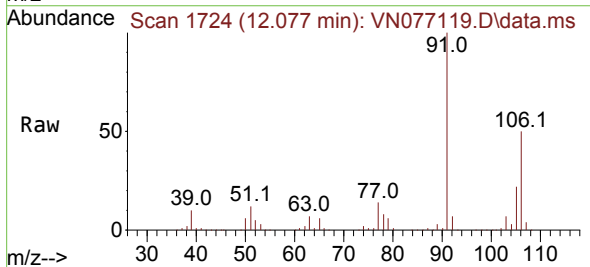
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

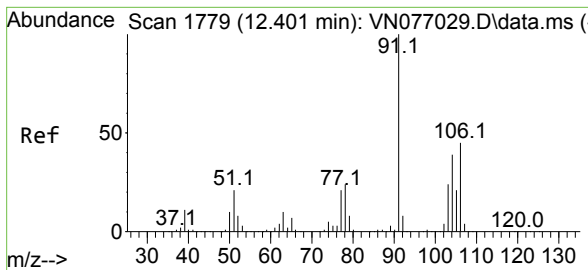
Tgt Ion: 91 Resp: 419997
Ion Ratio Lower Upper
91 100
106 30.6 24.3 36.5



#68
m/p-Xylenes
Concen: 103.548 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

Tgt Ion:106 Resp: 319661
Ion Ratio Lower Upper
106 100
91 199.8 168.0 252.0

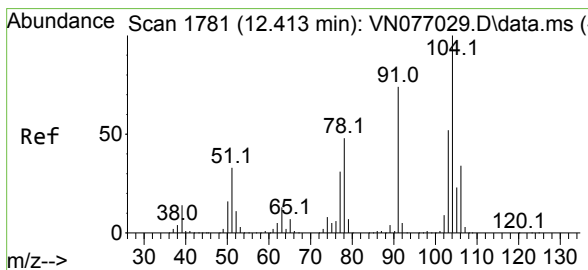
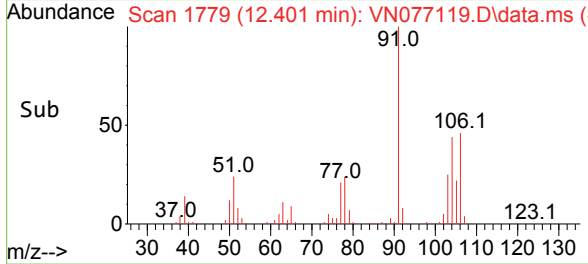
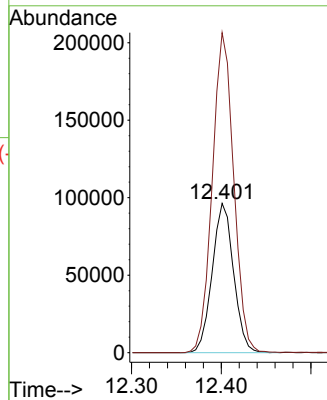
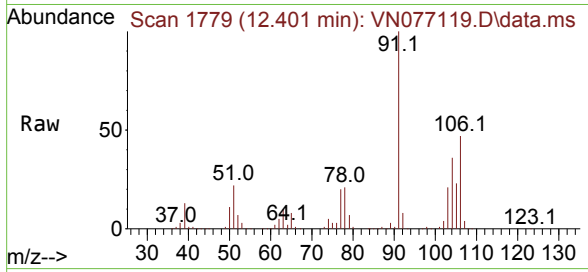




#69
o-Xylene
Concen: 51.948 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

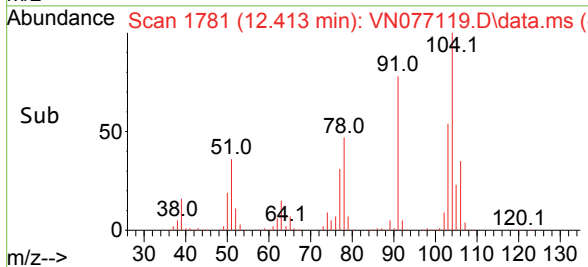
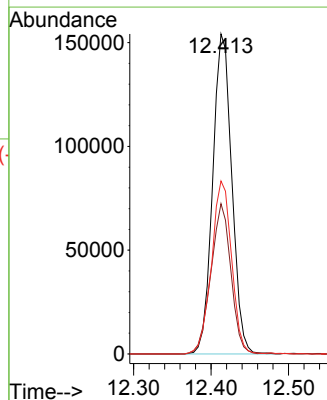
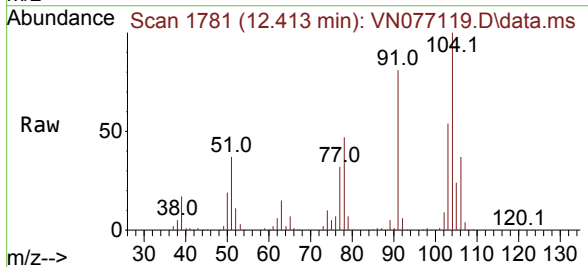
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

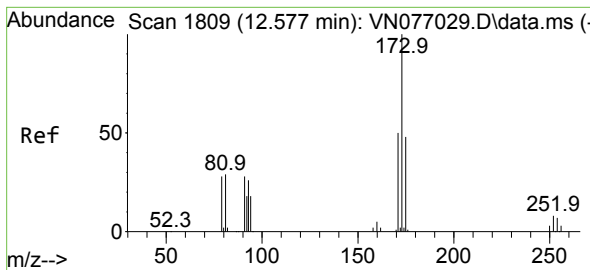
Tgt Ion:106 Resp: 159345
Ion Ratio Lower Upper
106 100
91 214.6 110.3 330.9



#70
Styrene
Concen: 55.383 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

Tgt Ion:104 Resp: 264485
Ion Ratio Lower Upper
104 100
78 49.0 41.8 62.8
103 56.8 43.8 65.6





#71

Bromoform

Concen: 54.676 ug/l

RT: 12.583 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN077119.D

Acq: 22 Mar 2023 20:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

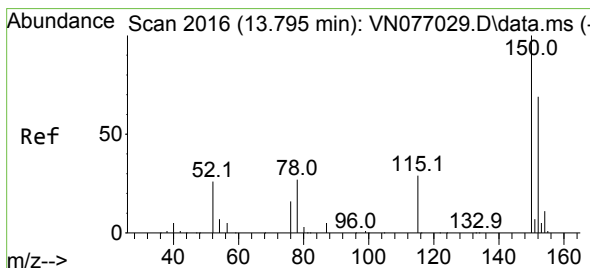
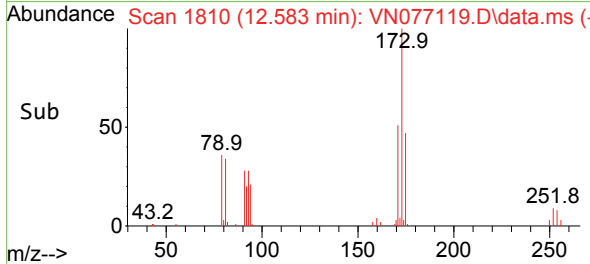
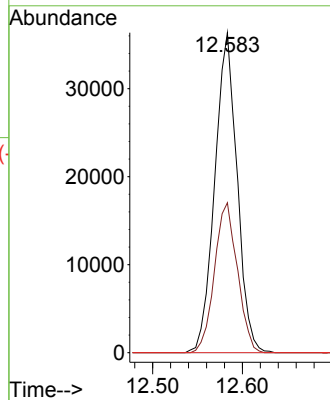
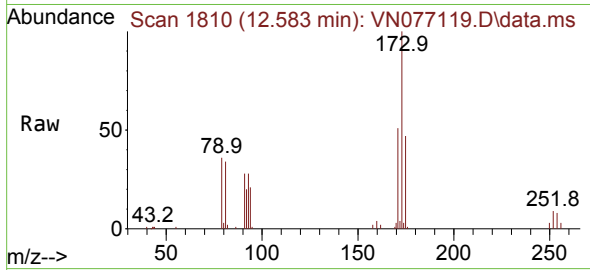
Tgt Ion:173 Resp: 62825

Ion Ratio Lower Upper

173 100

175 48.0 24.5 73.5

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN077119.D

Acq: 22 Mar 2023 20:53

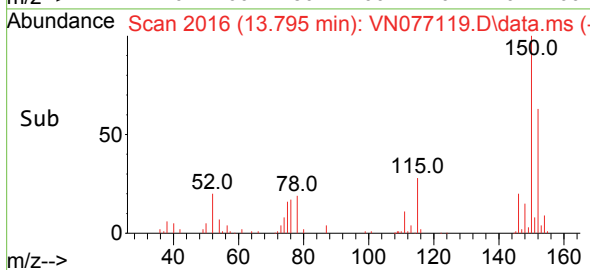
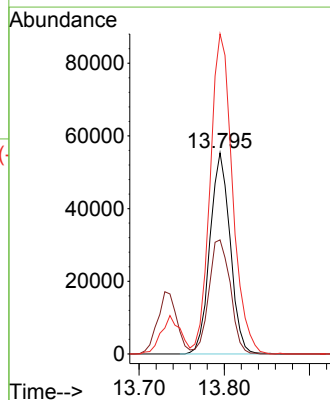
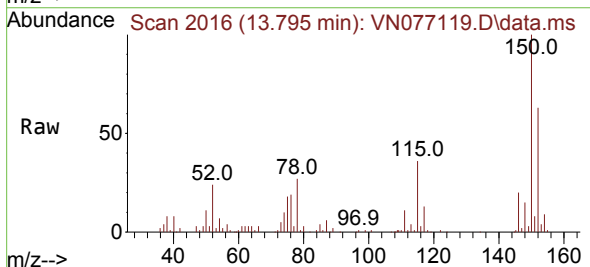
Tgt Ion:152 Resp: 91031

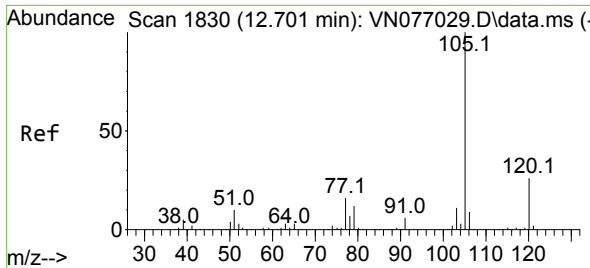
Ion Ratio Lower Upper

152 100

115 60.2 31.9 95.7

150 176.3 0.0 348.0

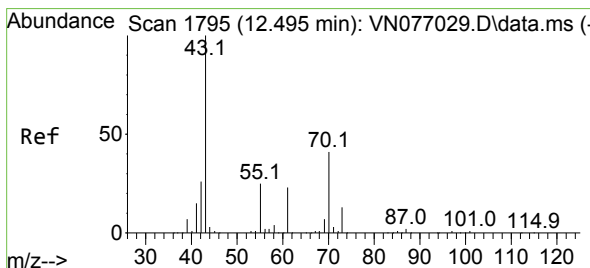
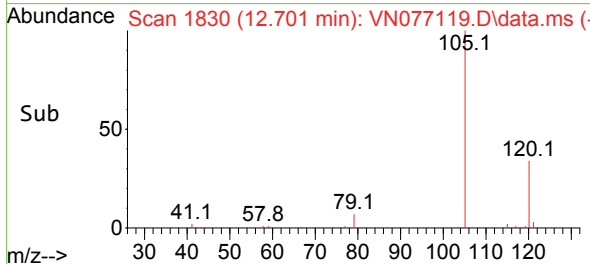
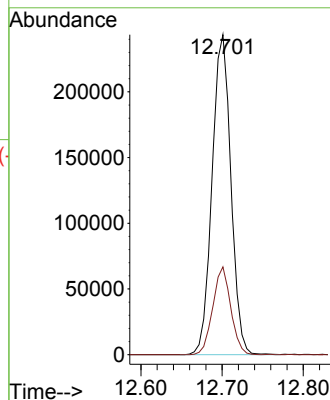
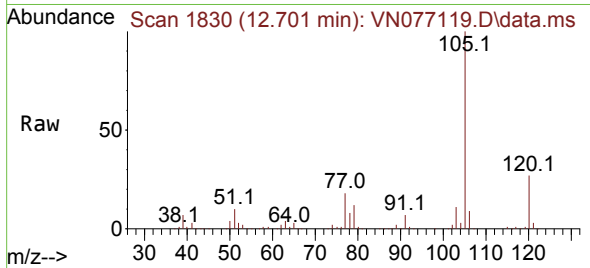




#73
Isopropylbenzene
Concen: 47.953 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

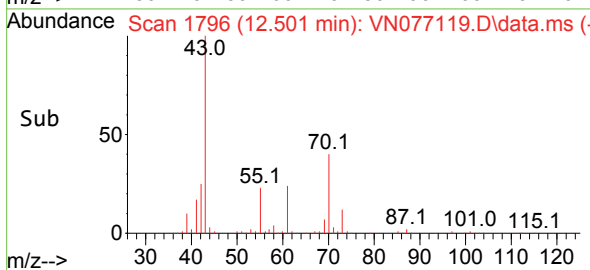
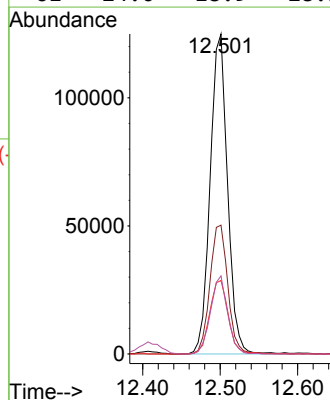
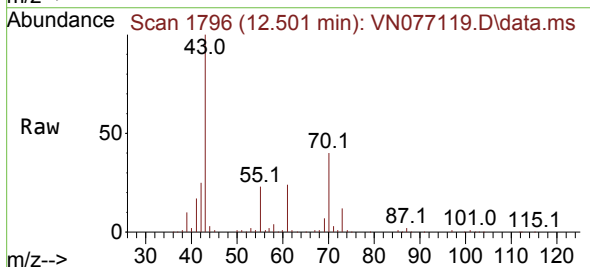
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

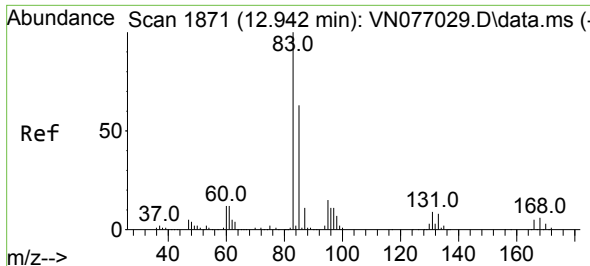
Tgt Ion:105 Resp: 391197
Ion Ratio Lower Upper
105 100
120 26.2 12.8 38.4



#74
N-ethyl acetate
Concen: 55.022 ug/l
RT: 12.501 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

Tgt Ion: 43 Resp: 194284
Ion Ratio Lower Upper
43 100
70 41.6 33.6 50.4
55 24.6 20.3 30.5
61 24.0 18.9 28.3

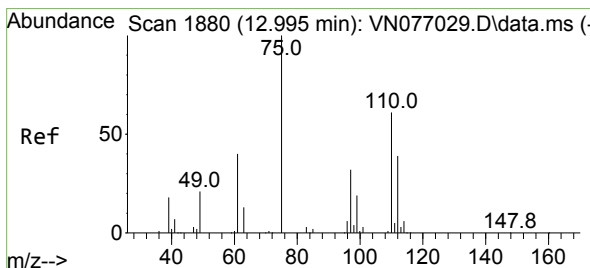
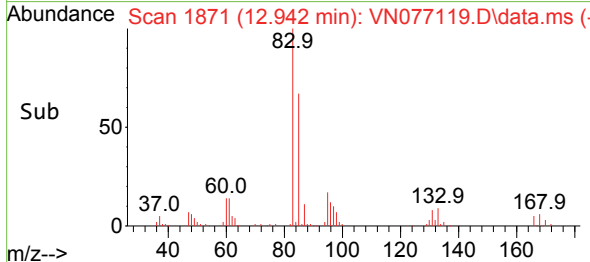
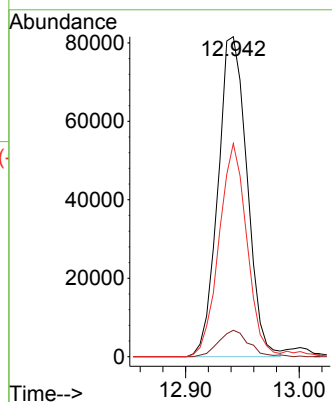
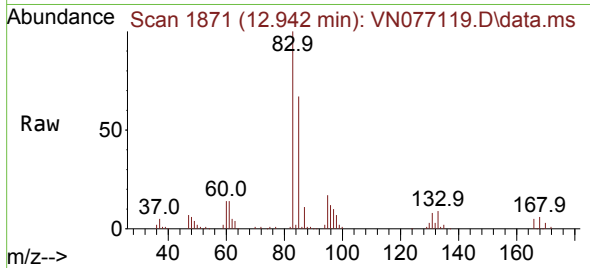




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.049 ug/l
 RT: 12.942 min Scan# 1871
 Delta R.T. 0.000 min
 Lab File: VN077119.D
 Acq: 22 Mar 2023 20:53

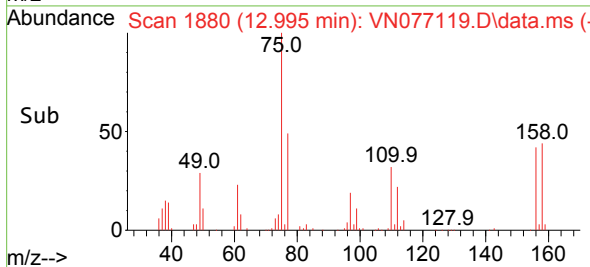
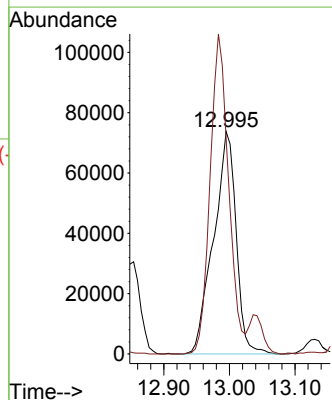
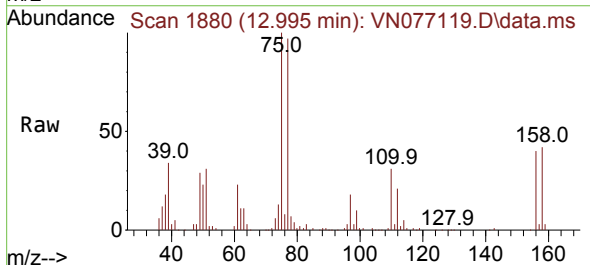
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

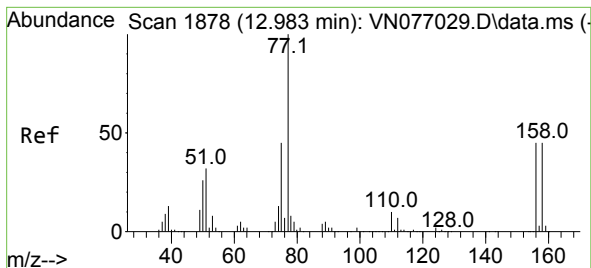
Tgt Ion: 83 Resp: 144966
 Ion Ratio Lower Upper
 83 100
 131 8.6 4.5 13.7
 85 63.8 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 74.719 ug/l
 RT: 12.995 min Scan# 1880
 Delta R.T. 0.000 min
 Lab File: VN077119.D
 Acq: 22 Mar 2023 20:53

Tgt Ion: 75 Resp: 175936
 Ion Ratio Lower Upper
 75 100
 77 118.6 107.3 322.0





#77

Bromobenzene

Concen: 47.154 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077119.D

Acq: 22 Mar 2023 20:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

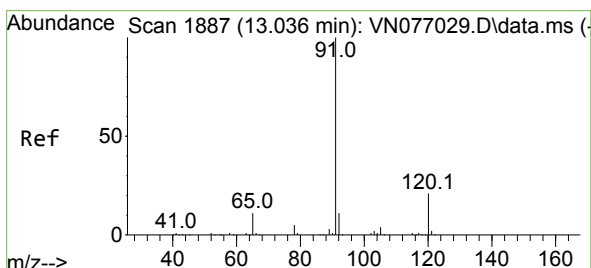
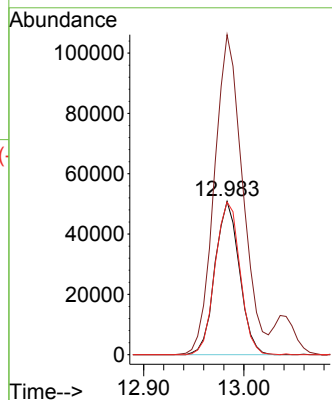
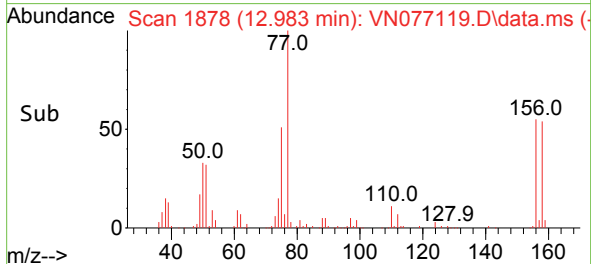
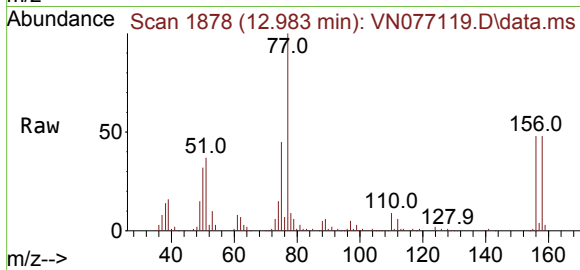
Tgt Ion:156 Resp: 86173

Ion Ratio Lower Upper

156 100

77 242.2 124.8 374.3

158 101.5 48.6 145.9



#78

n-propylbenzene

Concen: 48.852 ug/l

RT: 13.042 min Scan# 1888

Delta R.T. 0.006 min

Lab File: VN077119.D

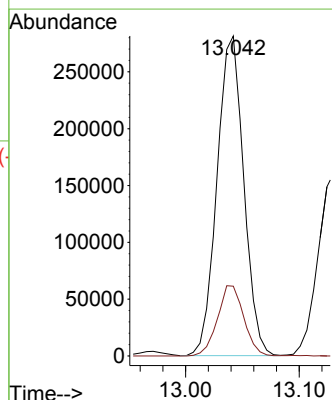
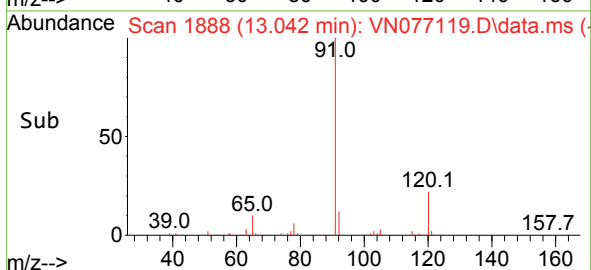
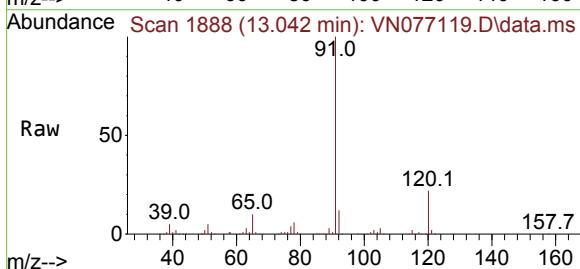
Acq: 22 Mar 2023 20:53

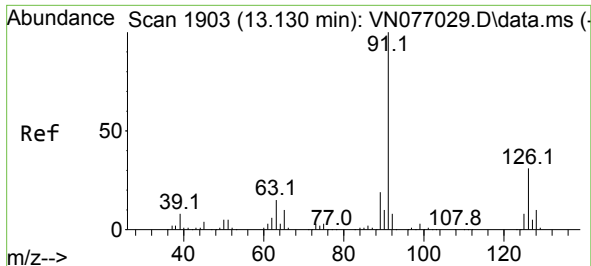
Tgt Ion: 91 Resp: 460060

Ion Ratio Lower Upper

91 100

120 21.7 10.8 32.3





#79

2-Chlorotoluene

Concen: 45.491 ug/l

RT: 13.130 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VN077119.D

Acq: 22 Mar 2023 20:53

Instrument :

MSVOA_N

ClientSampleId :

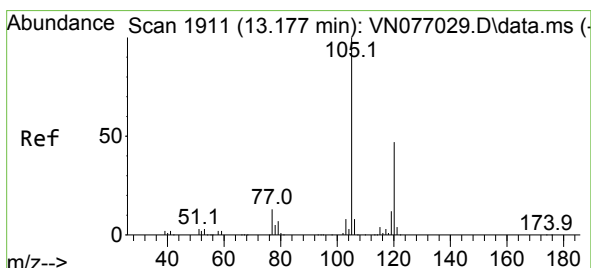
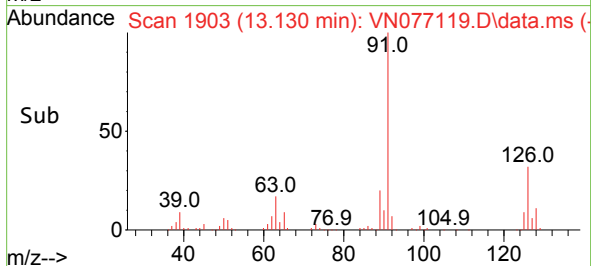
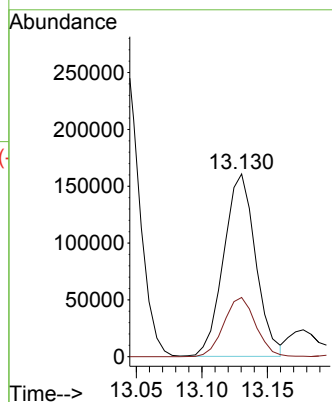
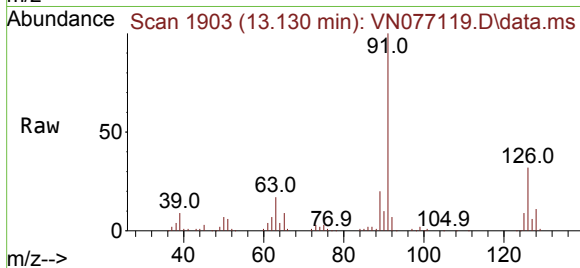
VSTDCCC050EC

Tgt Ion: 91 Resp: 272980

Ion Ratio Lower Upper

91 100

126 32.3 15.2 45.5



#80

1,3,5-Trimethylbenzene

Concen: 48.084 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077119.D

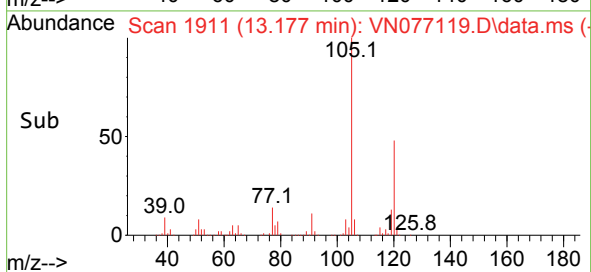
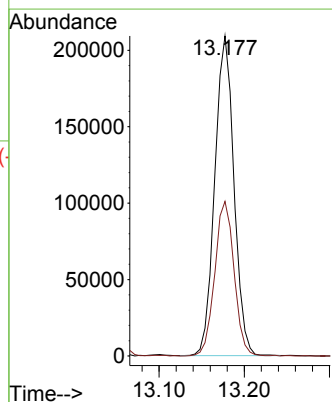
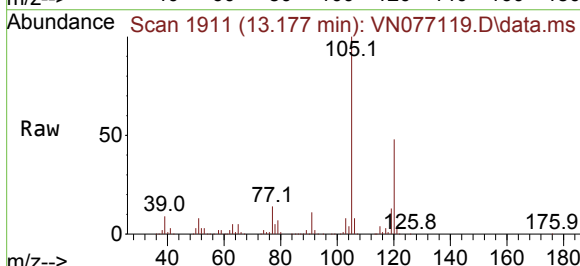
Acq: 22 Mar 2023 20:53

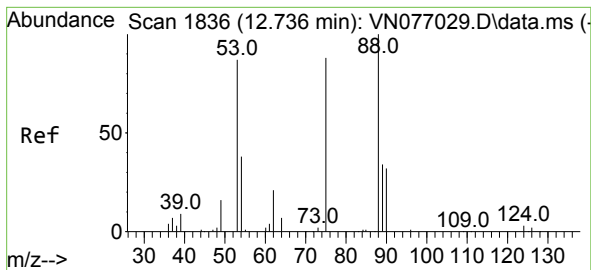
Tgt Ion: 105 Resp: 327505

Ion Ratio Lower Upper

105 100

120 48.7 23.4 70.2

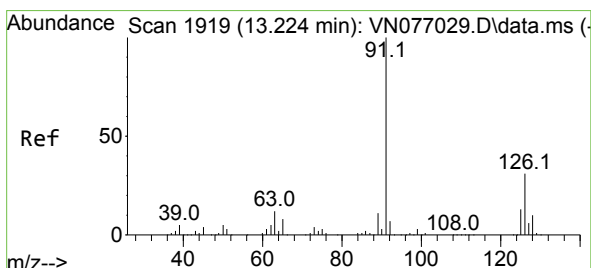
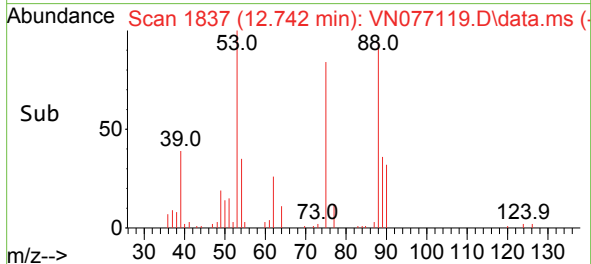
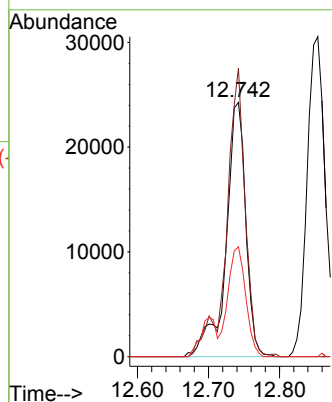
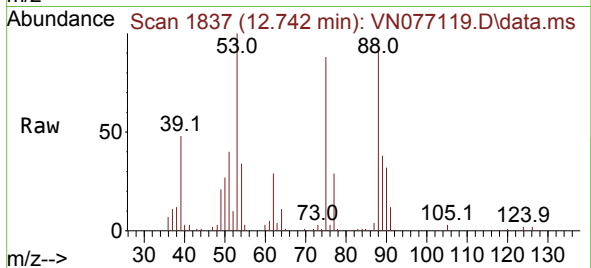




#81
trans-1,4-Dichloro-2-butene
Concen: 55.054 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

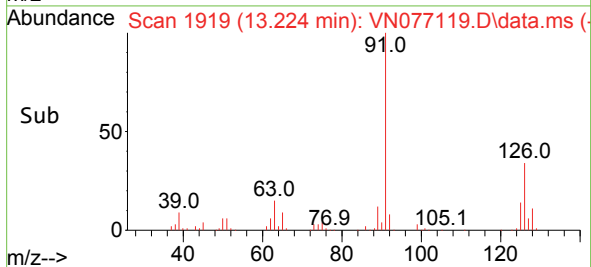
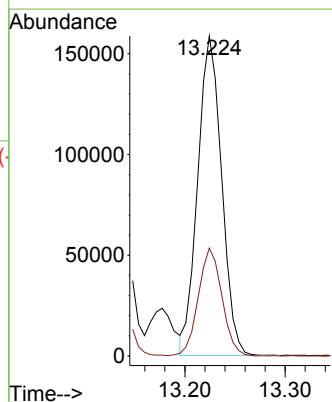
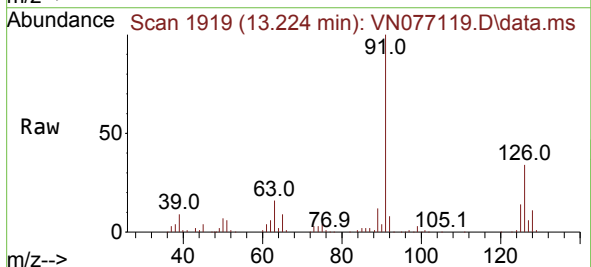
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

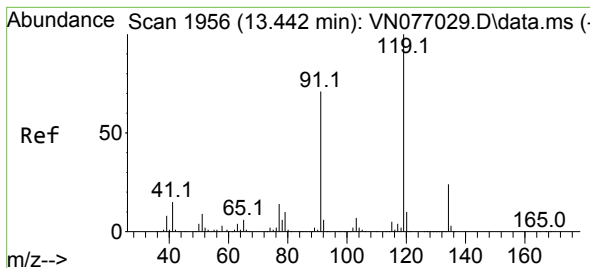
Tgt Ion: 75 Resp: 47095
Ion Ratio Lower Upper
75 100
53 106.6 80.8 121.2
89 39.0 34.2 51.4



#82
4-Chlorotoluene
Concen: 46.109 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

Tgt Ion: 91 Resp: 263108
Ion Ratio Lower Upper
91 100
126 33.4 15.5 46.5





#83

tert-Butylbenzene

Concen: 47.853 ug/l

RT: 13.442 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VN077119.D

Acq: 22 Mar 2023 20:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

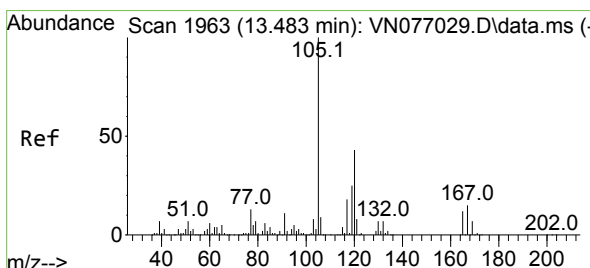
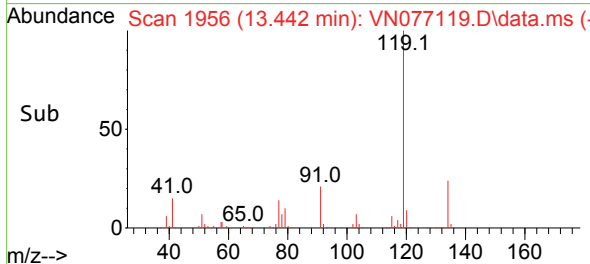
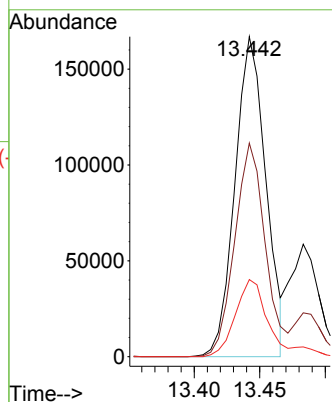
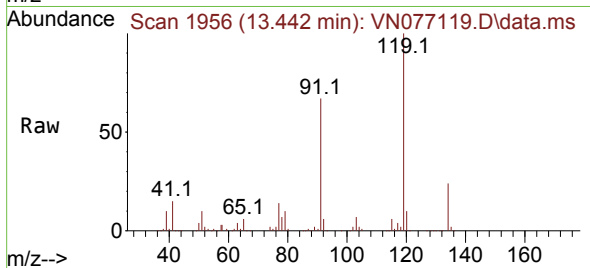
Tgt Ion:119 Resp: 273654

Ion Ratio Lower Upper

119 100

91 66.4 35.8 107.3

134 26.6 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 50.103 ug/l

RT: 13.483 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VN077119.D

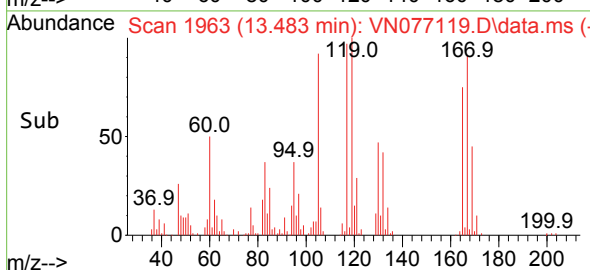
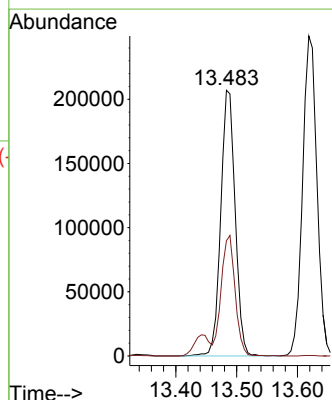
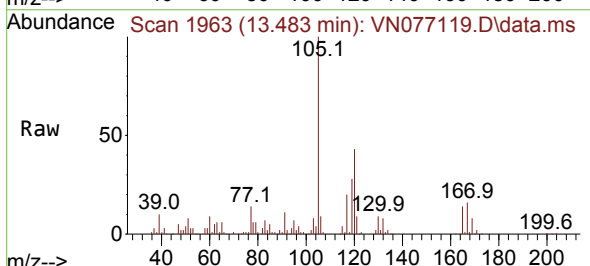
Acq: 22 Mar 2023 20:53

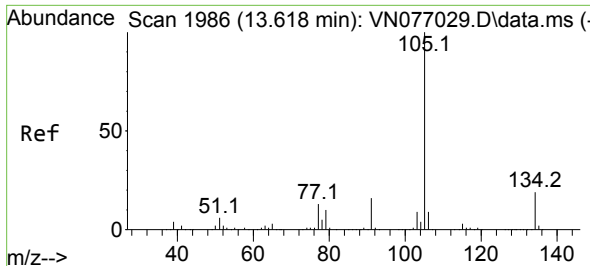
Tgt Ion:105 Resp: 340549

Ion Ratio Lower Upper

105 100

120 43.9 21.8 65.3

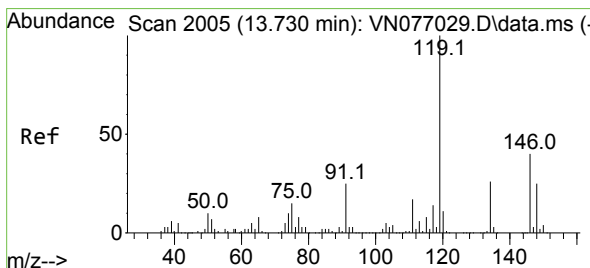
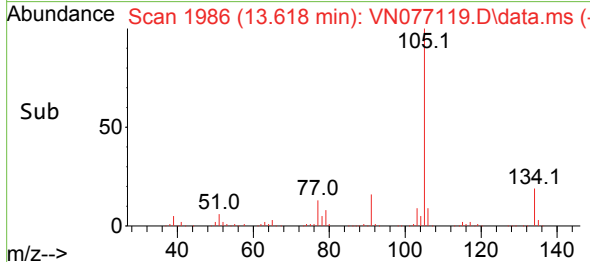
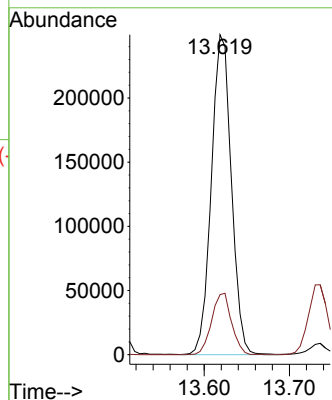
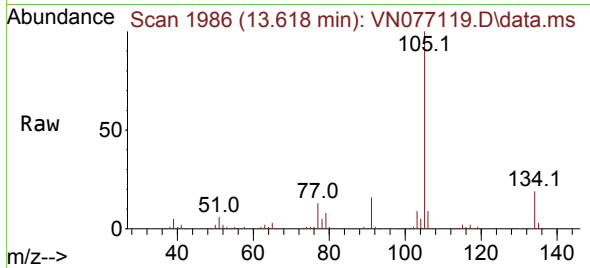




#85
 sec-Butylbenzene
 Concen: 50.078 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077119.D
 Acq: 22 Mar 2023 20:53

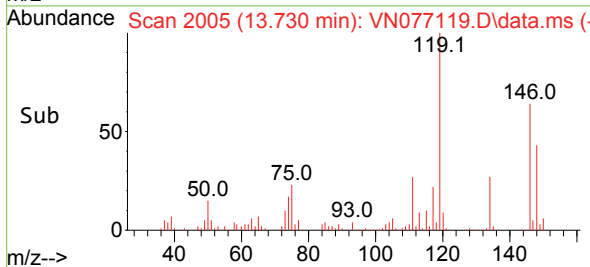
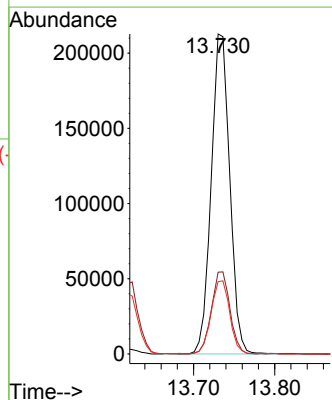
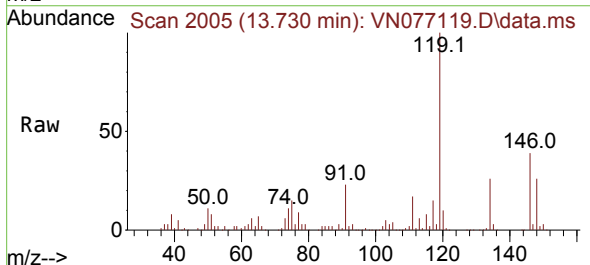
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

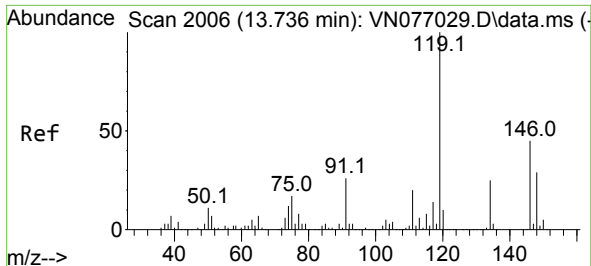
Tgt Ion:105 Resp: 407371
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.3 27.9



#86
 p-Isopropyltoluene
 Concen: 51.631 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077119.D
 Acq: 22 Mar 2023 20:53

Tgt Ion:119 Resp: 337286
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.4
 91 23.1 12.7 38.1

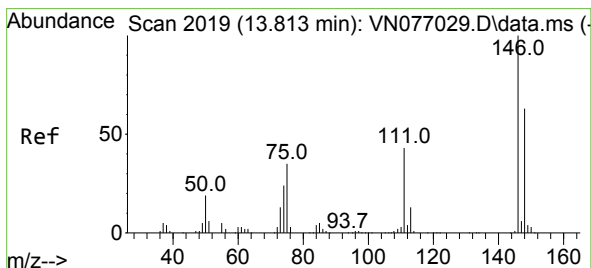
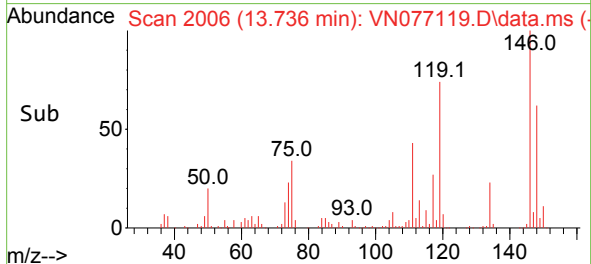
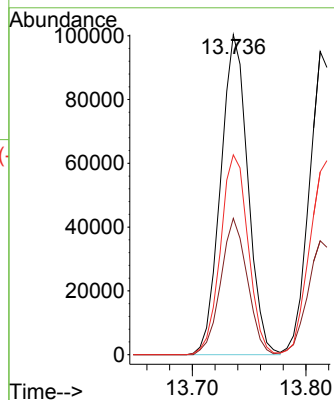
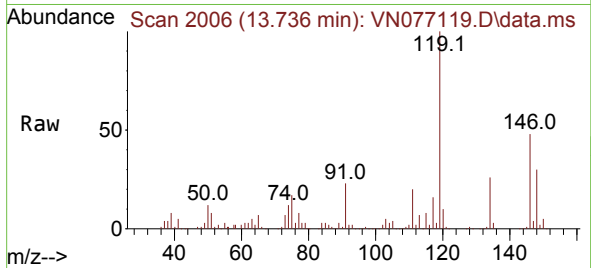




#87
 1,3-Dichlorobenzene
 Concen: 48.361 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VN077119.D
 Acq: 22 Mar 2023 20:53

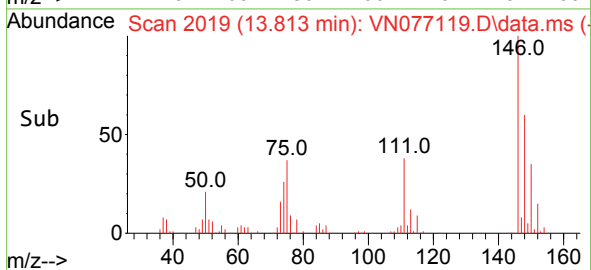
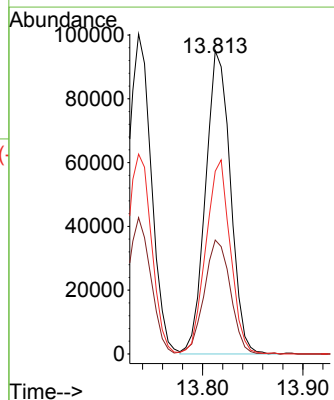
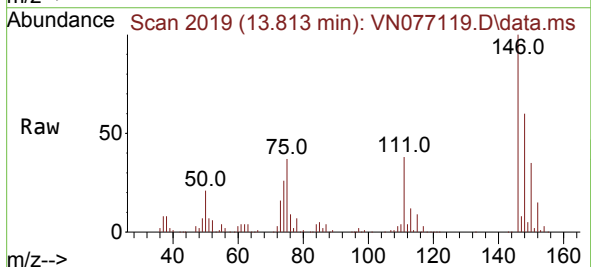
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

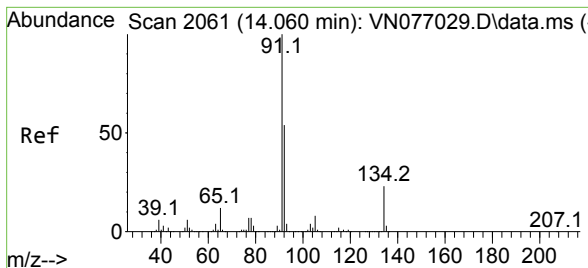
Tgt Ion:146 Resp: 167033
 Ion Ratio Lower Upper
 146 100
 111 41.6 21.9 65.5
 148 63.3 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 47.670 ug/l
 RT: 13.813 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VN077119.D
 Acq: 22 Mar 2023 20:53

Tgt Ion:146 Resp: 163814
 Ion Ratio Lower Upper
 146 100
 111 39.7 21.5 64.5
 148 63.3 31.9 95.9





#89

n-Butylbenzene

Concen: 50.628 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077119.D

Acq: 22 Mar 2023 20:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

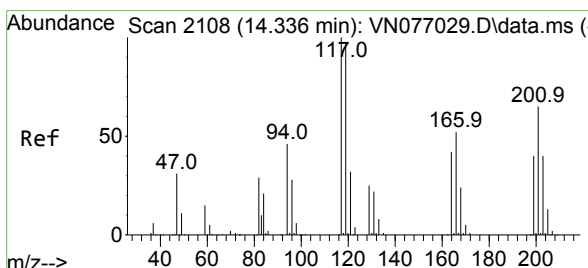
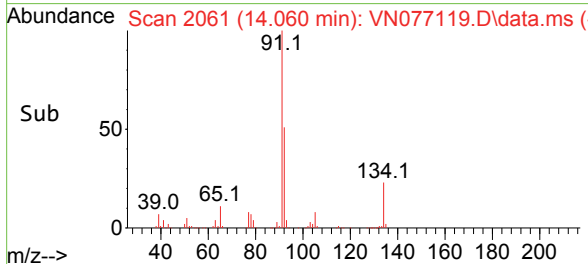
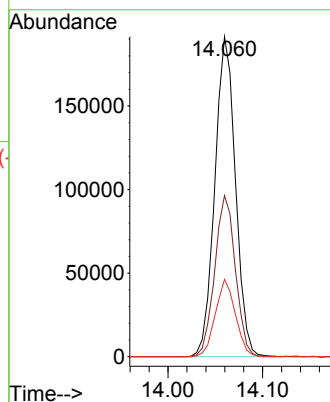
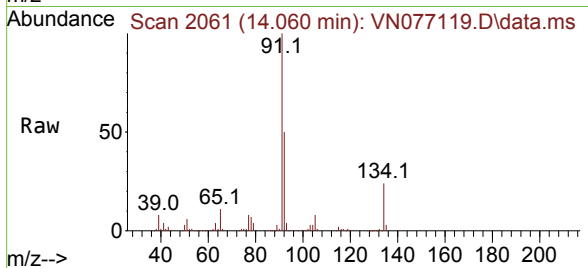
Tgt Ion: 91 Resp: 290149

Ion Ratio Lower Upper

91 100

92 50.5 26.5 79.5

134 23.5 11.7 35.1



#90

Hexachloroethane

Concen: 44.179 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VN077119.D

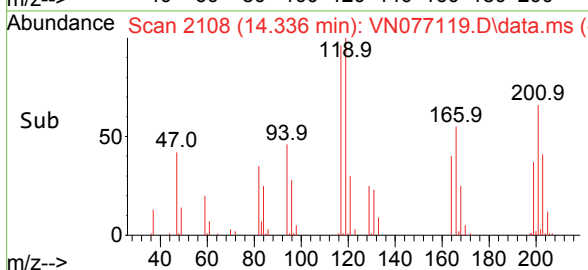
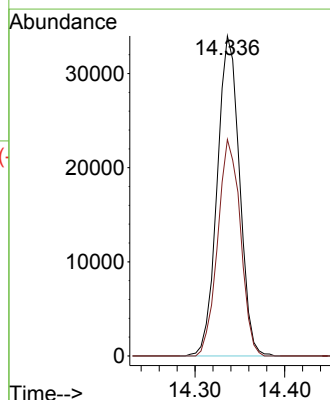
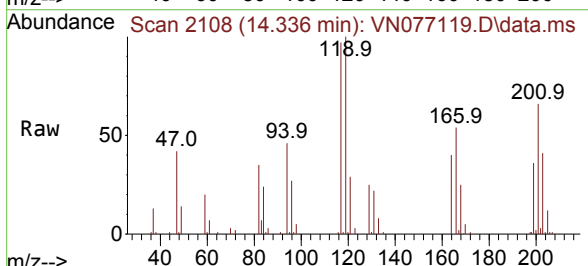
Acq: 22 Mar 2023 20:53

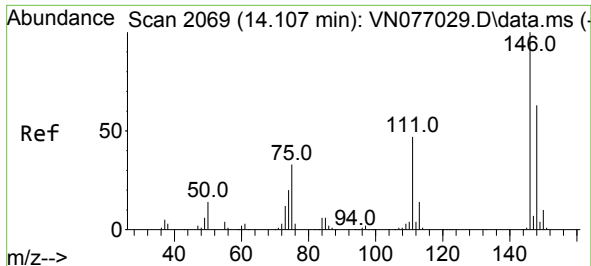
Tgt Ion: 117 Resp: 58678

Ion Ratio Lower Upper

117 100

201 68.7 32.5 97.4

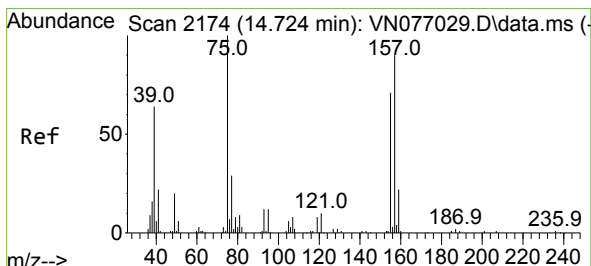
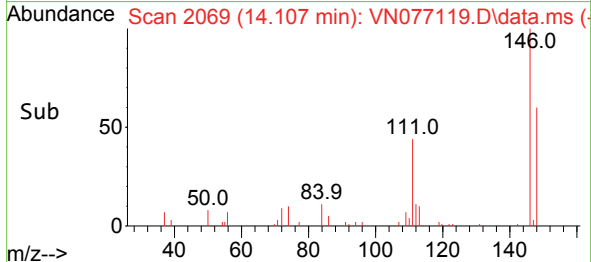
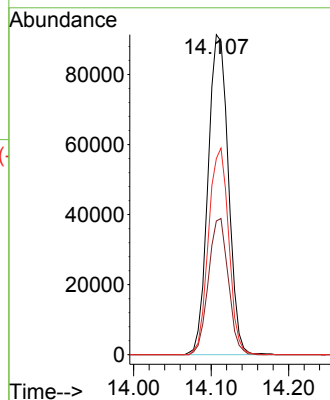
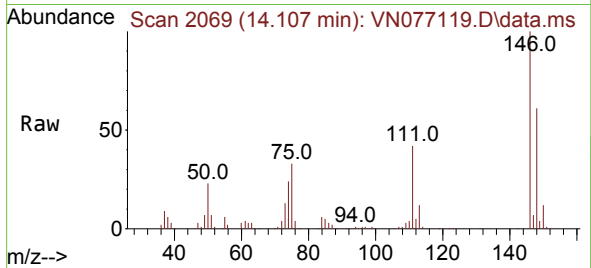




#91
1,2-Dichlorobenzene
Concen: 48.287 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

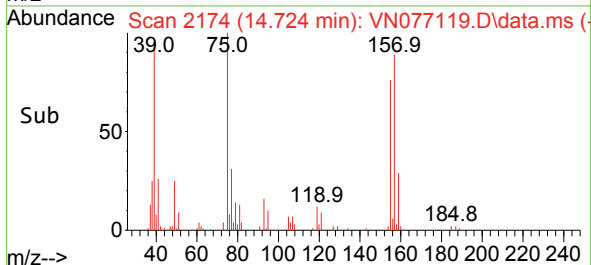
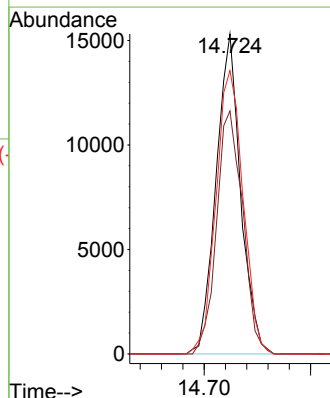
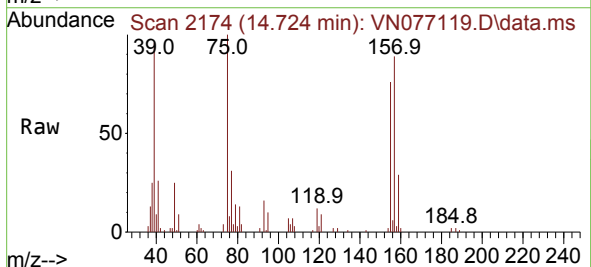
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

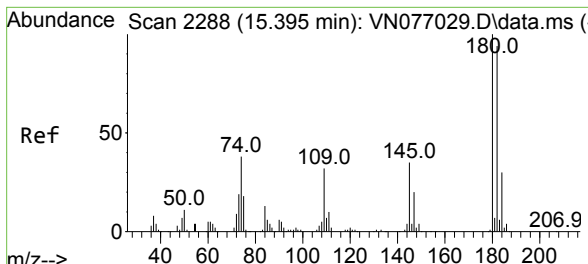
Tgt Ion:146 Resp: 166242
Ion Ratio Lower Upper
146 100
111 41.6 22.6 67.7
148 64.1 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.696 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

Tgt Ion: 75 Resp: 24478
Ion Ratio Lower Upper
75 100
155 80.8 36.1 108.3
157 97.7 45.8 137.3

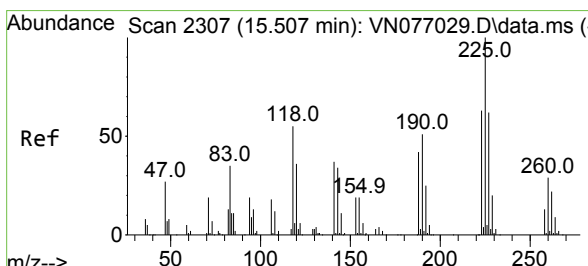
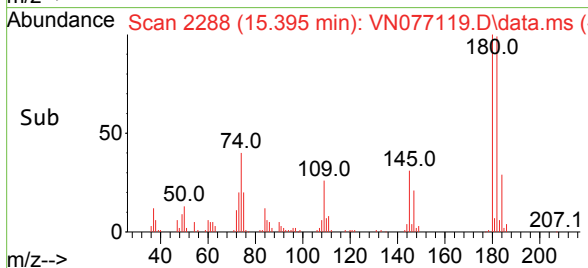
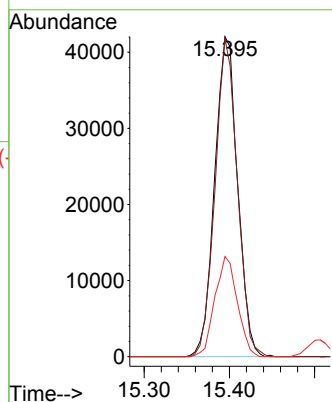
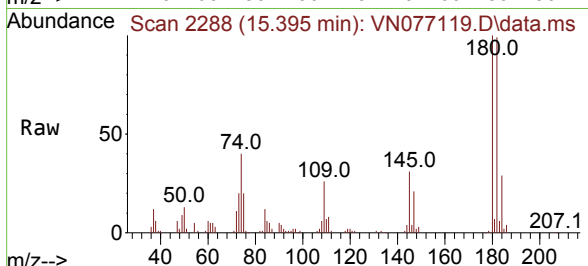




#93
 1,2,4-Trichlorobenzene
 Concen: 50.401 ug/l
 RT: 15.395 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN077119.D
 Acq: 22 Mar 2023 20:53

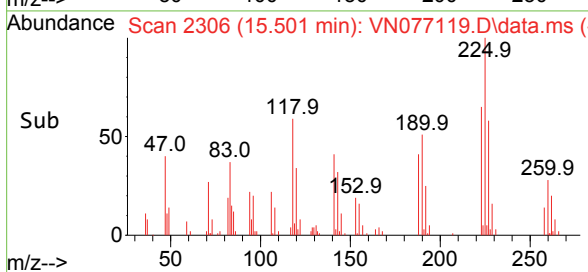
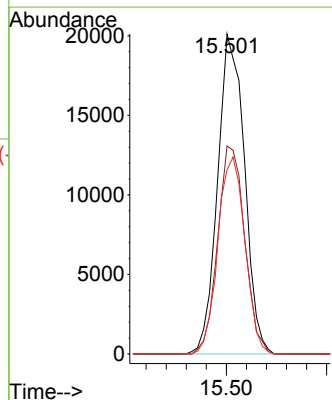
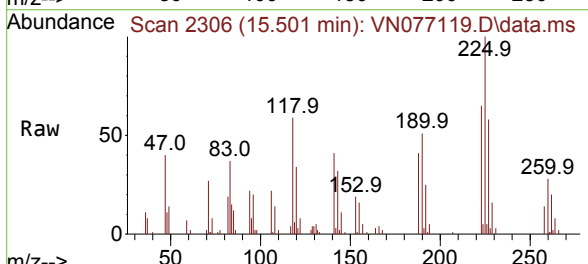
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

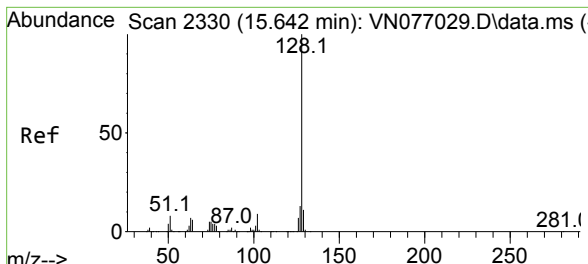
Tgt Ion:180	Resp:	78441
Ion Ratio	Lower	Upper
180	100	
182	96.4	47.3 141.9
145	30.7	16.9 50.7



#94
 Hexachlorobutadiene
 Concen: 43.666 ug/l
 RT: 15.501 min Scan# 2306
 Delta R.T. -0.006 min
 Lab File: VN077119.D
 Acq: 22 Mar 2023 20:53

Tgt Ion:225	Resp:	37427
Ion Ratio	Lower	Upper
225	100	
223	65.2	31.6 95.0
227	62.0	31.3 93.8

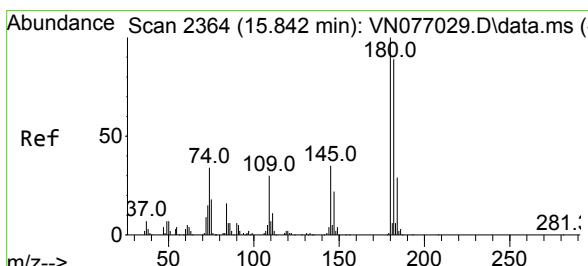
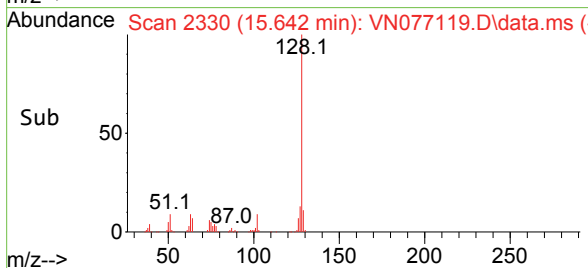
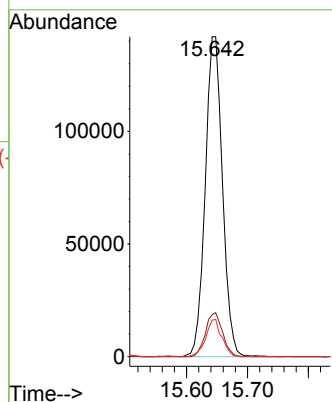
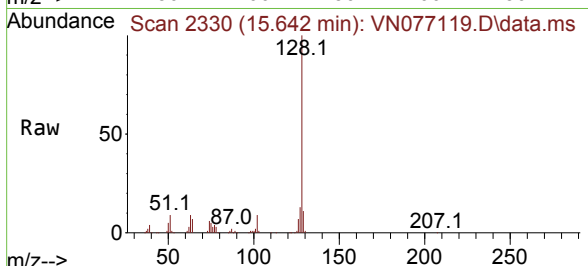




#95
Naphthalene
Concen: 46.321 ug/l
RT: 15.642 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	128	Resp:	279268
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.0	15.0
129	10.9	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.065 ug/l
RT: 15.848 min Scan# 2365
Delta R.T. 0.006 min
Lab File: VN077119.D
Acq: 22 Mar 2023 20:53

Tgt Ion:	180	Resp:	79746
Ion Ratio	Lower	Upper	
180	100		
182	94.2	47.4	142.2
145	32.3	17.9	53.8

