

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

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

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

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	375709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	679694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	603299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	263786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	117073	19.508	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	39.020%#
35) Dibromofluoromethane	8.172	113	90529	19.630	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	39.260%#
50) Toluene-d8	10.572	98	328308	19.309	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	38.620%#
62) 4-Bromofluorobenzene	12.854	95	115641	19.247	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	38.500%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	71065	19.294	ug/l	95
3) Chloromethane	2.378	50	74245	19.613	ug/l	96
4) Vinyl Chloride	2.531	62	82846	20.276	ug/l	96
5) Bromomethane	2.960	94	54665	19.807	ug/l	94
6) Chloroethane	3.137	64	48555	18.780	ug/l	95
7) Trichlorofluoromethane	3.513	101	174125	19.809	ug/l	98
8) Diethyl Ether	3.972	74	65606	19.832	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.384	101	96579	19.369	ug/l	99
10) Methyl Iodide	4.607	142	115310	20.532	ug/l	96
11) Tert butyl alcohol	5.531	59	85509	97.781	ug/l #	85
12) 1,1-Dichloroethene	4.354	96	89882	19.705	ug/l	99
13) Acrolein	4.196	56	104136	96.277	ug/l	99
14) Allyl chloride	5.043	41	179054	21.020	ug/l	97
15) Acrylonitrile	5.737	53	291875	99.282	ug/l	98
16) Acetone	4.443	43	258608	96.711	ug/l	97
17) Carbon Disulfide	4.725	76	253806	19.082	ug/l	96
18) Methyl Acetate	5.037	43	200860	19.920	ug/l	100
19) Methyl tert-butyl Ether	5.807	73	326686	19.955	ug/l	100
20) Methylene Chloride	5.290	84	110624	19.062	ug/l	96
21) trans-1,2-Dichloroethene	5.801	96	98653	19.954	ug/l	96
22) Diisopropyl ether	6.684	45	377115	20.612	ug/l	99
23) Vinyl Acetate	6.613	43	1341744	119.217	ug/l	99
24) 1,1-Dichloroethane	6.578	63	206597	19.733	ug/l	99
25) 2-Butanone	7.490	43	389284	99.517	ug/l	99
26) 2,2-Dichloropropane	7.501	77	158833	20.163	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	114339	20.193	ug/l	98
28) Bromochloromethane	7.819	49	85315	18.764	ug/l	97
29) Tetrahydrofuran	7.848	42	262180	103.431	ug/l	99
30) Chloroform	7.972	83	203836	20.059	ug/l	97
31) Cyclohexane	8.260	56	194334	19.792	ug/l	99
32) 1,1,1-Trichloroethane	8.178	97	173287	19.952	ug/l	95
36) 1,1-Dichloropropene	8.378	75	150112	20.191	ug/l	100
37) Ethyl Acetate	7.572	43	159536	20.056	ug/l	99
38) Carbon Tetrachloride	8.366	117	145574	20.102	ug/l	96
39) Methylcyclohexane	9.607	83	179976	20.682	ug/l	98
40) Benzene	8.613	78	451815	20.038	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	88664	21.439	ug/l	99
42) 1,2-Dichloroethane	8.678	62	156700	19.232	ug/l	100
43) Isopropyl Acetate	8.695	43	251379	20.230	ug/l	98
44) Trichloroethene	9.354	130	100449	19.395	ug/l	93
45) 1,2-Dichloropropane	9.625	63	121350	20.264	ug/l	99
46) Dibromomethane	9.713	93	74694	19.777	ug/l	100
47) Bromodichloromethane	9.895	83	156882	19.805	ug/l	97
48) Methyl methacrylate	9.684	41	120501	20.284	ug/l	99
49) 1,4-Dioxane	9.695	88	43256	426.315	ug/l	94
51) 4-Methyl-2-Pentanone	10.448	43	798255	103.158	ug/l	100
52) Toluene	10.631	92	278290	20.671	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	161161	20.759	ug/l	98
54) cis-1,3-Dichloropropene	10.319	75	179957	20.544	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	106091	19.984	ug/l	99
56) Ethyl methacrylate	10.878	69	166657	20.877	ug/l	100
57) 1,3-Dichloropropane	11.166	76	194753	20.038	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.160	63	357284	104.981	ug/l	100
59) 2-Hexanone	11.195	43	583646	103.988	ug/l	98
60) Dibromochloromethane	11.360	129	107121	20.088	ug/l	98
61) 1,2-Dibromoethane	11.472	107	103992	19.754	ug/l	99
64) Tetrachloroethene	11.107	164	81368	20.096	ug/l	96
65) Chlorobenzene	11.895	112	274335	19.763	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.966	131	99771	19.425	ug/l	99
67) Ethyl Benzene	11.966	91	513841	20.380	ug/l	98
68) m/p-Xylenes	12.072	106	388162	41.511	ug/l	100
69) o-Xylene	12.401	106	191141	20.572	ug/l	100
70) Styrene	12.413	104	309704	21.410	ug/l	99
71) Bromoform	12.583	173	70241	20.181	ug/l #	99
73) Isopropylbenzene	12.701	105	493306	20.868	ug/l	99
74) N-amyl acetate	12.495	43	211562	20.676	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	162175	18.936	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	202086	29.614	ug/l	44
77) Bromobenzene	12.983	156	105693	19.959	ug/l	97
78) n-propylbenzene	13.036	91	579046	21.219	ug/l	99
79) 2-Chlorotoluene	13.130	91	354265	20.373	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	421701	21.366	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	48955	19.749	ug/l	90
82) 4-Chlorotoluene	13.224	91	341844	20.674	ug/l	100
83) tert-Butylbenzene	13.442	119	346194	20.891	ug/l	98
84) 1,2,4-Trimethylbenzene	13.483	105	427358	21.698	ug/l	99
85) sec-Butylbenzene	13.619	105	506555	21.489	ug/l	99
86) p-Isopropyltoluene	13.730	119	406533	21.475	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	197795	19.763	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	191963	19.278	ug/l	99
89) n-Butylbenzene	14.060	91	342384	20.617	ug/l	99
90) Hexachloroethane	14.336	117	74889	19.458	ug/l	100
91) 1,2-Dichlorobenzene	14.107	146	200910	20.139	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	30807	19.413	ug/l	99
93) 1,2,4-Trichlorobenzene	15.395	180	93716	20.780	ug/l	100
94) Hexachlorobutadiene	15.507	225	49403	19.891	ug/l	99
95) Naphthalene	15.642	128	312145	19.041	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	90731	20.050	ug/l	96

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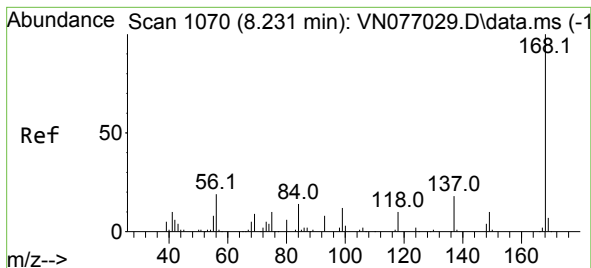
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.231 min Scan# 1

Delta R.T. -0.000 min

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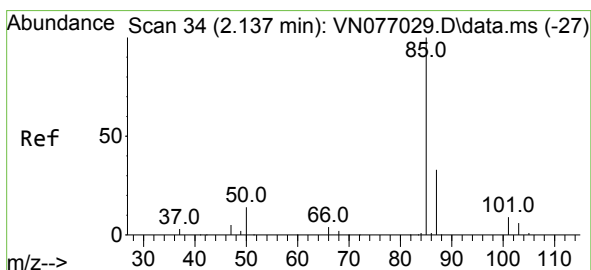
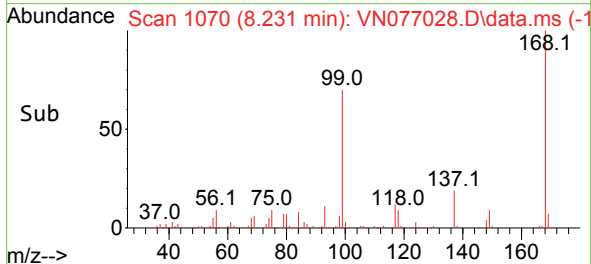
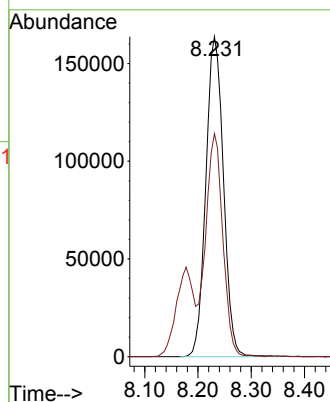
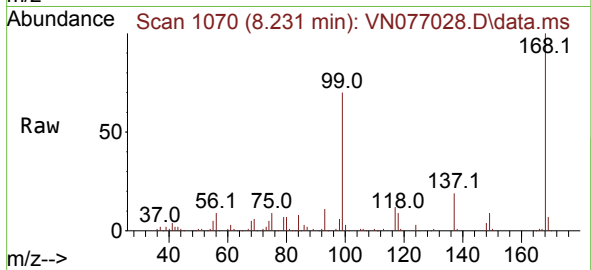
VSTDIC020

Tgt Ion:168 Resp: 375709

Ion Ratio Lower Upper

168 100

99 69.7 53.9 80.9



#2

Dichlorodifluoromethane

Concen: 19.294 ug/l

RT: 2.137 min Scan# 34

Delta R.T. -0.000 min

Lab File: VN077028.D

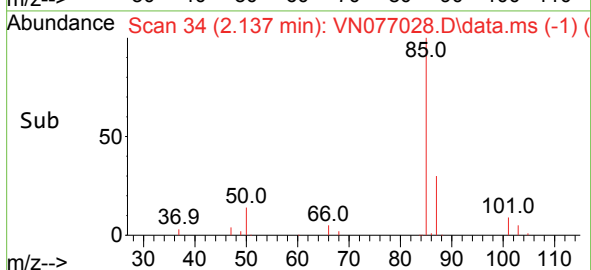
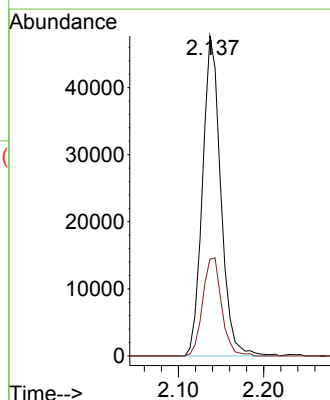
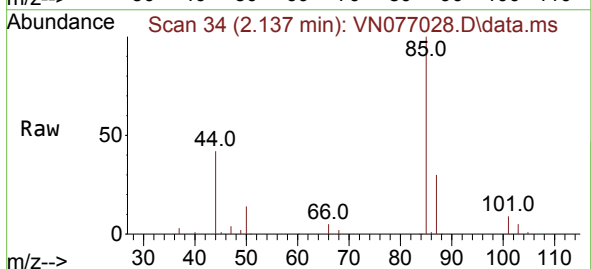
Acq: 17 Mar 2023 11:01

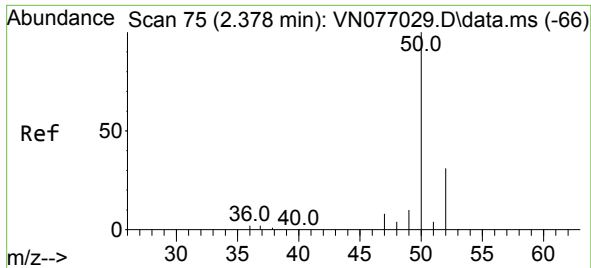
Tgt Ion: 85 Resp: 71065

Ion Ratio Lower Upper

85 100

87 30.2 16.4 49.2

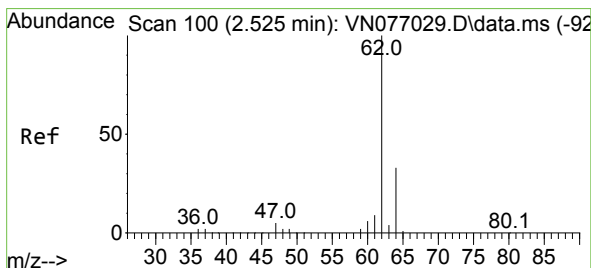
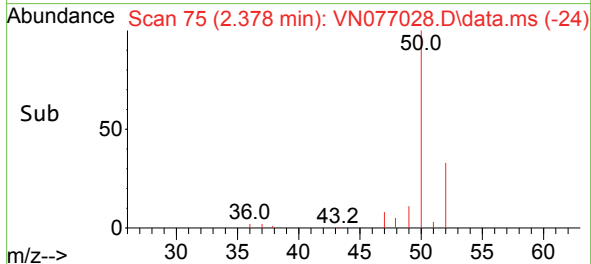
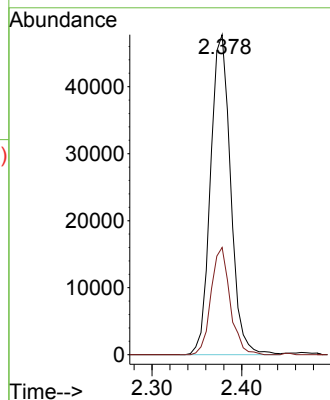
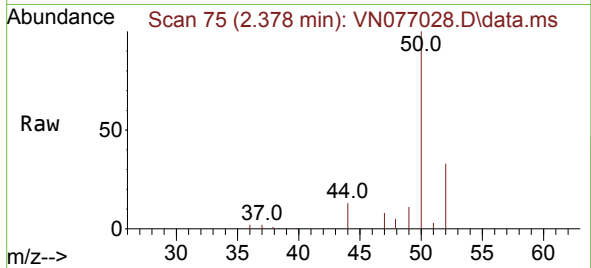




#3
Chloromethane
Concen: 19.613 ug/l
RT: 2.378 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN077028.D
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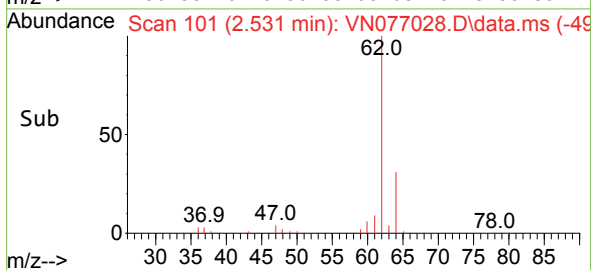
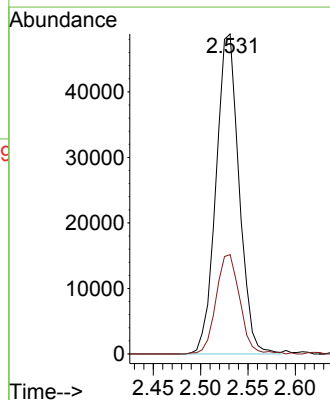
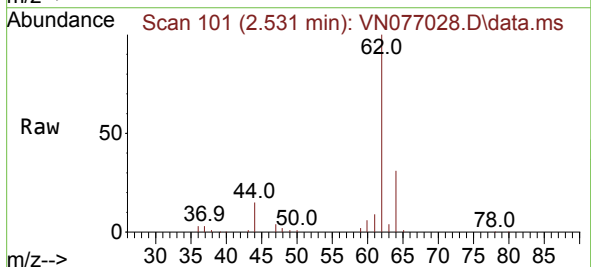
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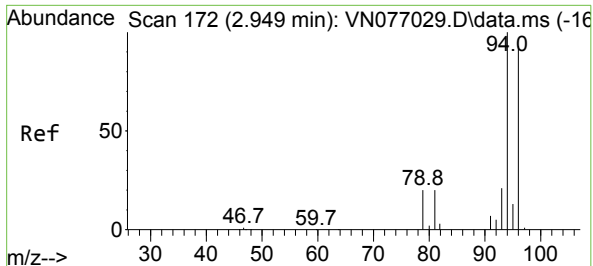
Tgt Ion: 50 Resp: 74245
Ion Ratio Lower Upper
50 100
52 33.5 25.1 37.7



#4
Vinyl Chloride
Concen: 20.276 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

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

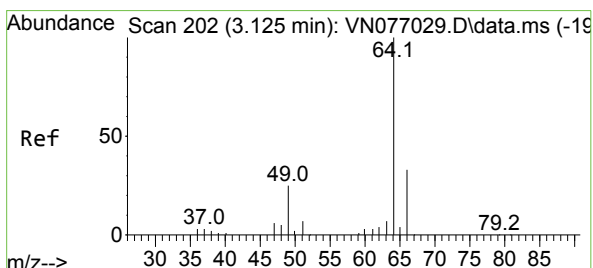
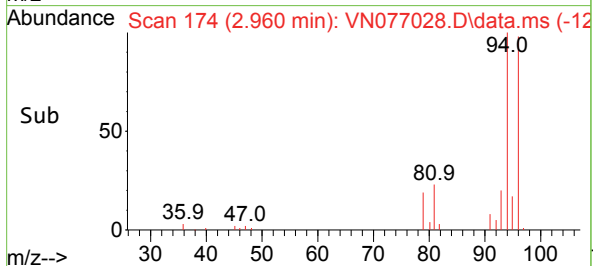
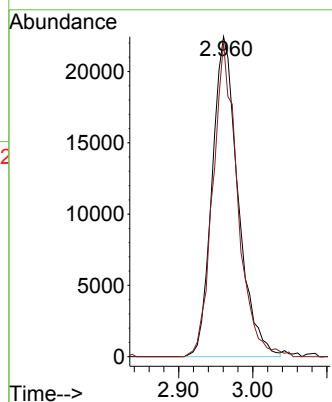
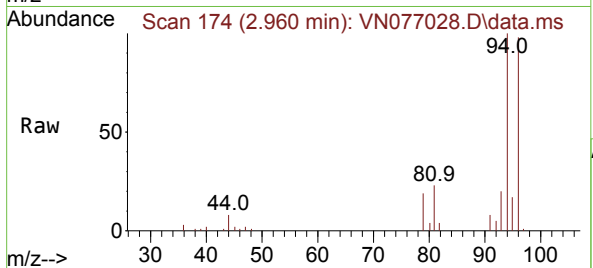




#5
Bromomethane
Concen: 19.807 ug/l
RT: 2.960 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

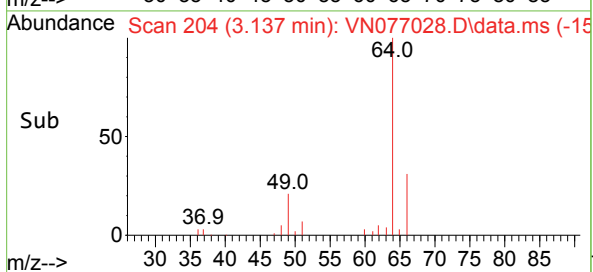
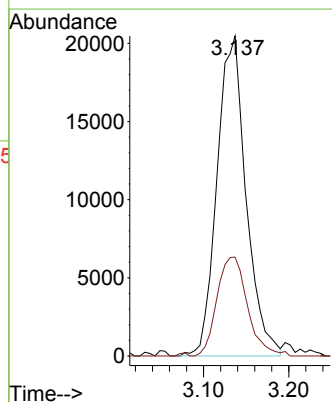
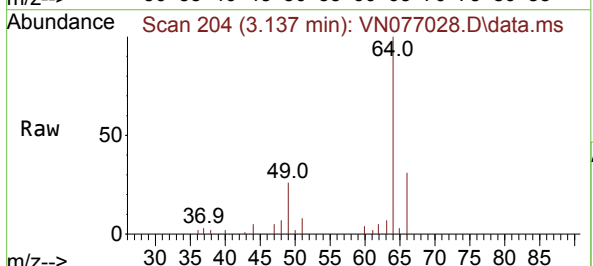
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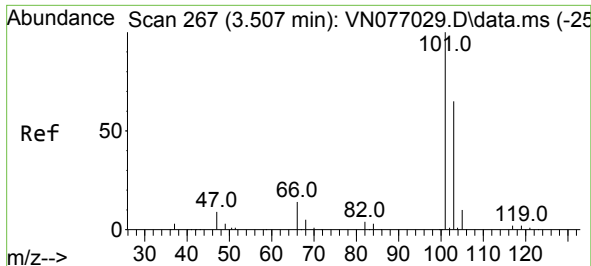
Tgt Ion: 94 Resp: 54665
Ion Ratio Lower Upper
94 100
96 98.4 74.1 111.1



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

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

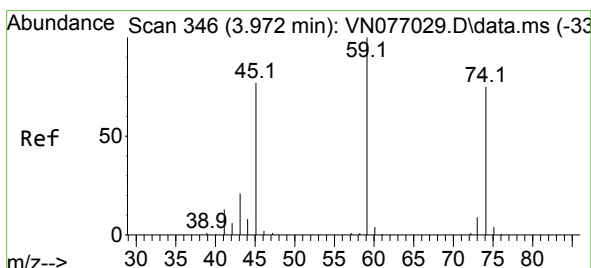
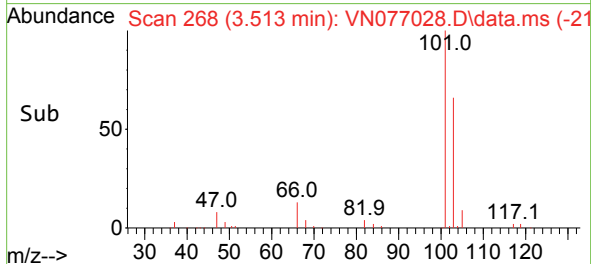
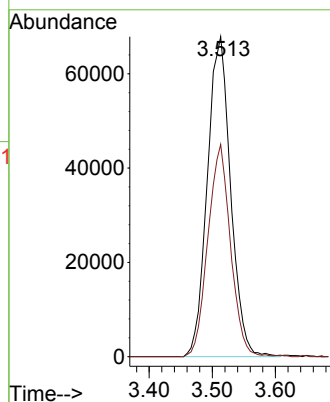
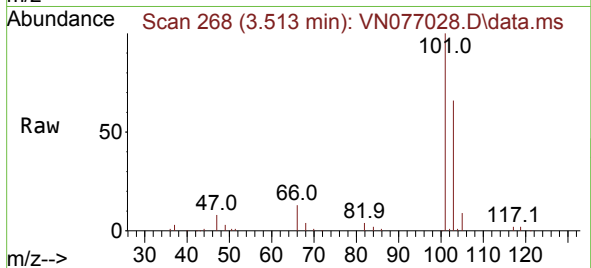




#7
Trichlorofluoromethane
Concen: 19.809 ug/l
RT: 3.513 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

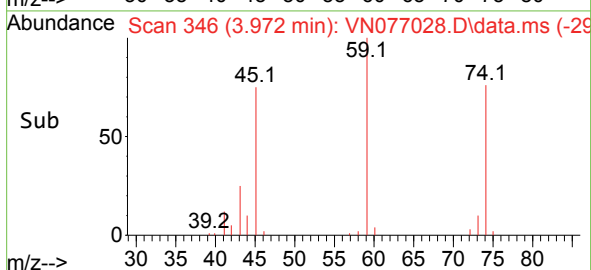
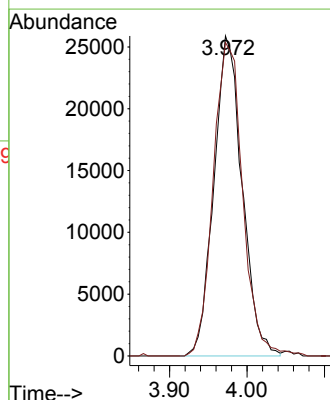
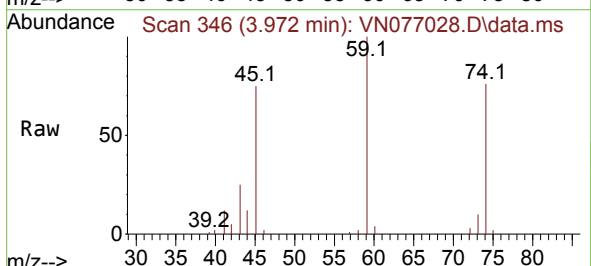
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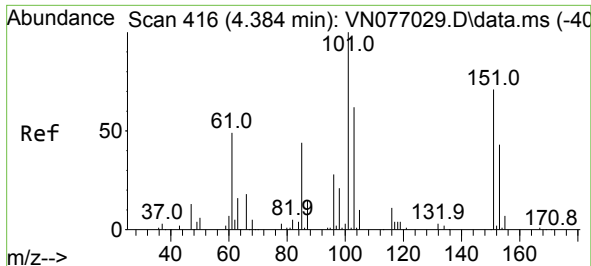
Tgt Ion:101 Resp: 174125
Ion Ratio Lower Upper
101 100
103 66.4 51.8 77.6



#8
Diethyl Ether
Concen: 19.832 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

Tgt Ion: 74 Resp: 65606
Ion Ratio Lower Upper
74 100
45 102.1 50.8 152.5

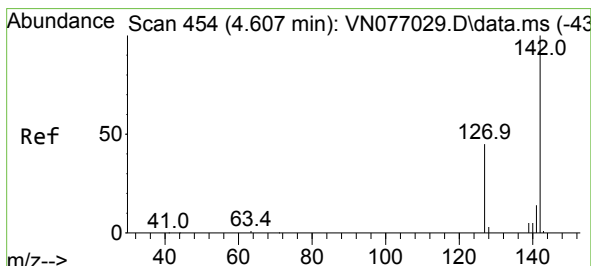
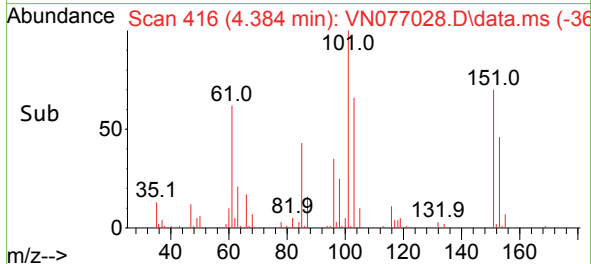
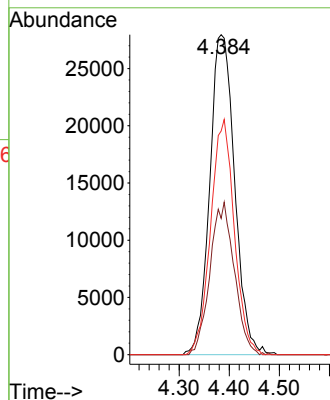
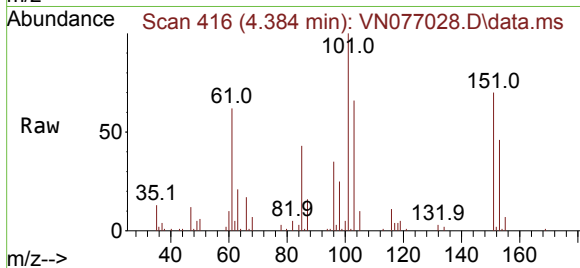




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.369 ug/l
RT: 4.384 min Scan# 416
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

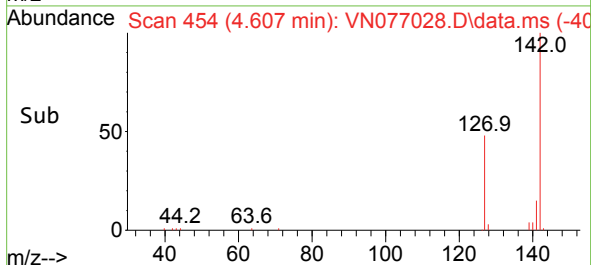
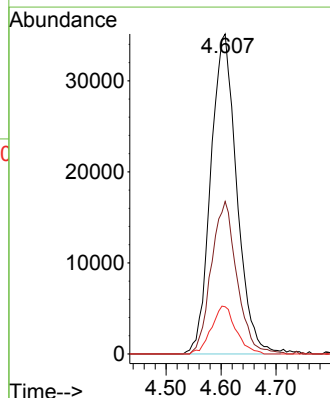
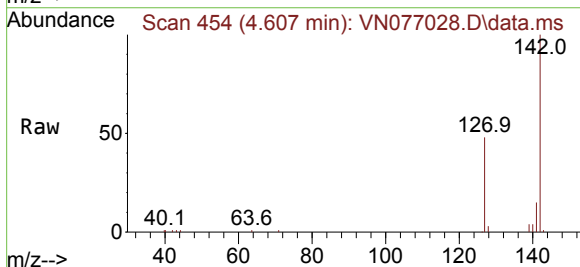
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

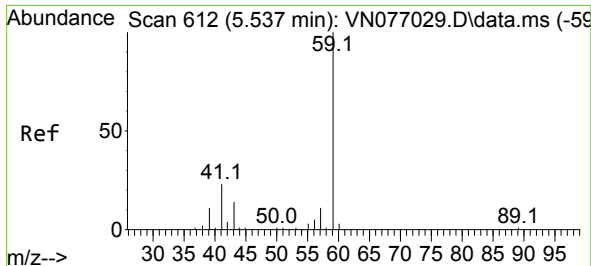
Tgt Ion:101 Resp: 96579
Ion Ratio Lower Upper
101 100
85 46.5 36.6 55.0
151 69.9 56.9 85.3



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

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

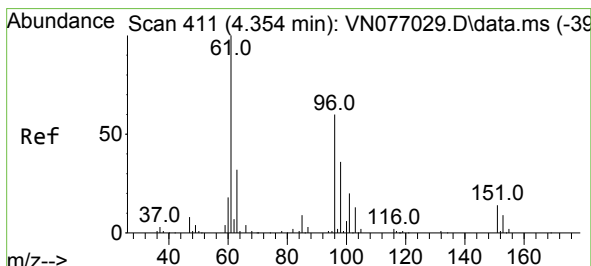
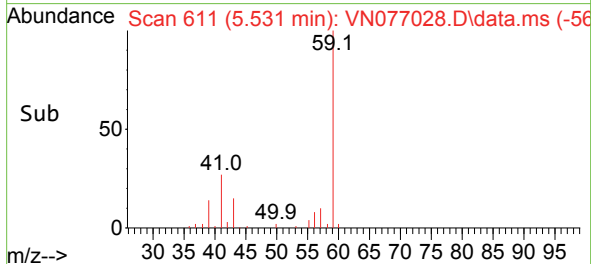
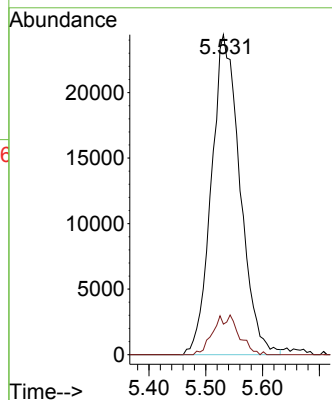
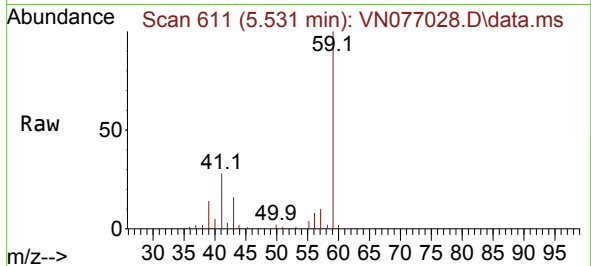




#11
Tert butyl alcohol
Concen: 97.781 ug/l
RT: 5.531 min Scan# 612
Delta R.T. -0.006 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

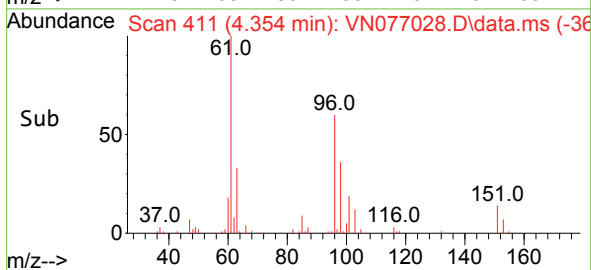
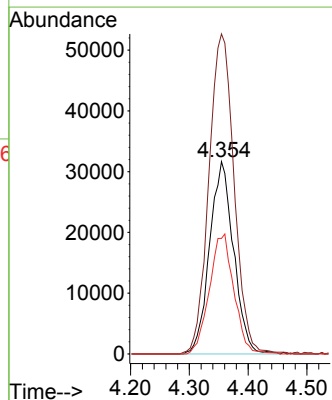
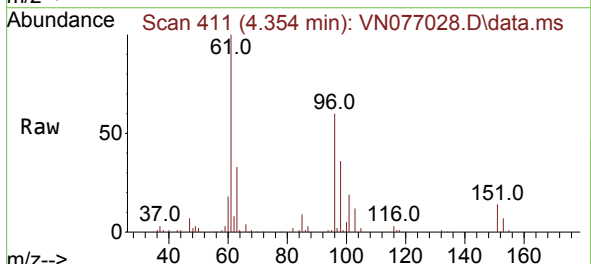
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

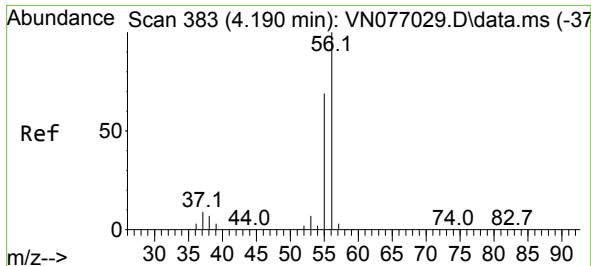
Tgt Ion: 59 Resp: 85509
Ion Ratio Lower Upper
59 100
57 5.2 8.6 12.8#



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

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

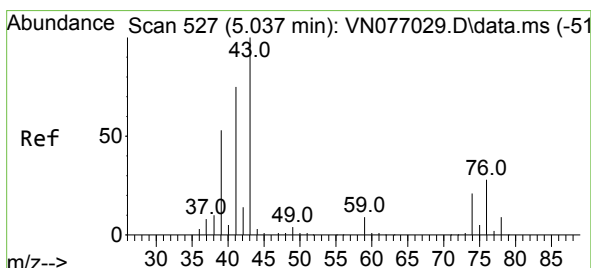
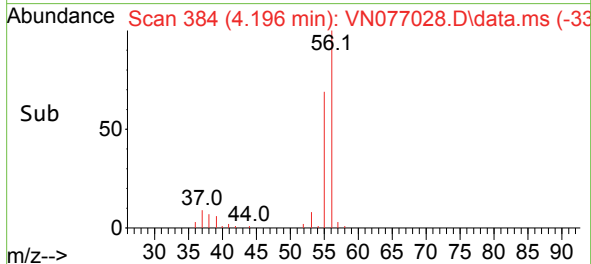
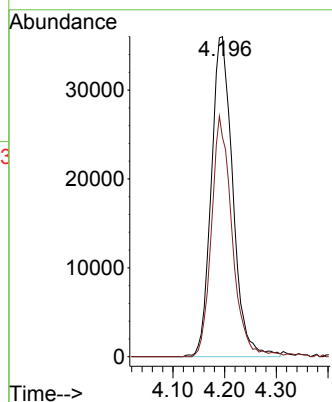
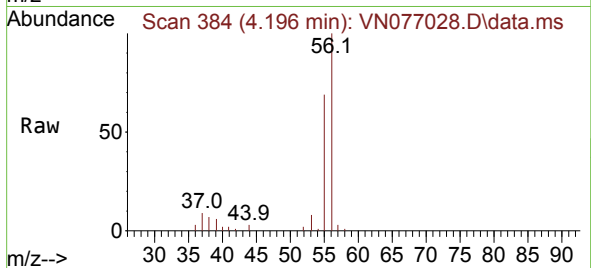




#13
Acrolein
Concen: 96.277 ug/l
RT: 4.196 min Scan# 384
Delta R.T. 0.006 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

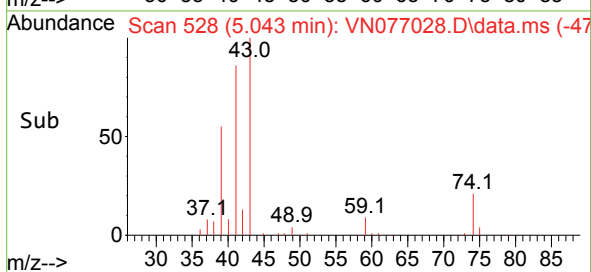
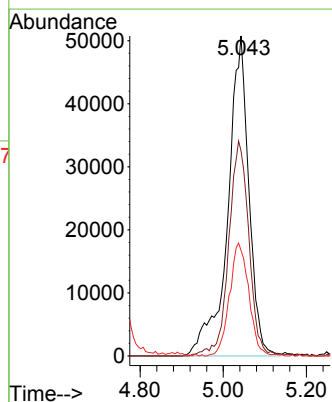
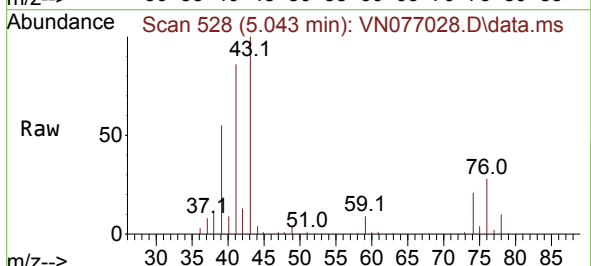
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

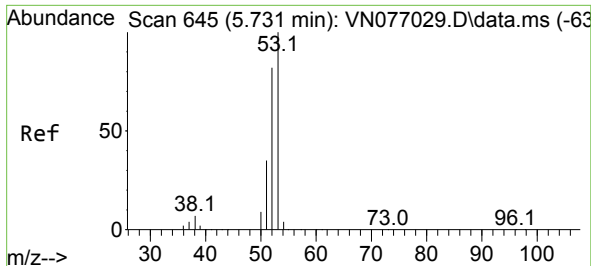
Tgt Ion: 56 Resp: 104136
Ion Ratio Lower Upper
56 100
55 71.9 57.0 85.6



#14
Allyl chloride
Concen: 21.020 ug/l
RT: 5.043 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

Tgt Ion: 41 Resp: 179054
Ion Ratio Lower Upper
41 100
39 63.9 53.8 80.8
76 32.4 26.7 40.1

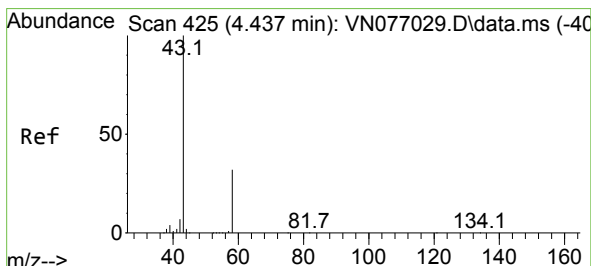
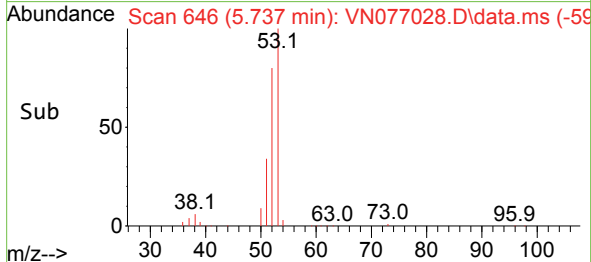
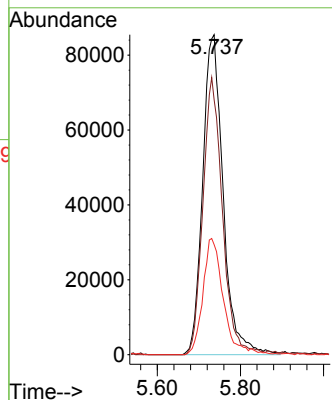
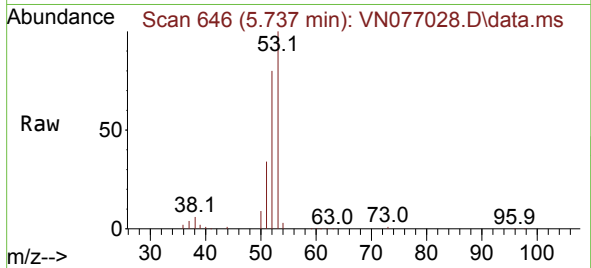




#15
Acrylonitrile
Concen: 99.282 ug/l
RT: 5.737 min Scan# 645
Delta R.T. 0.006 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

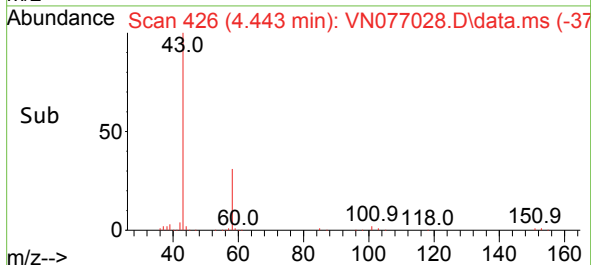
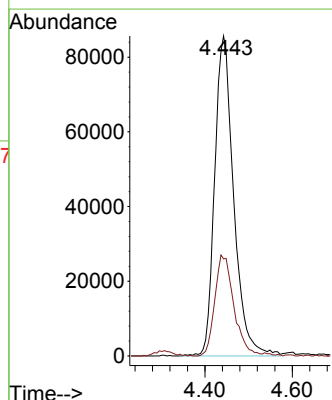
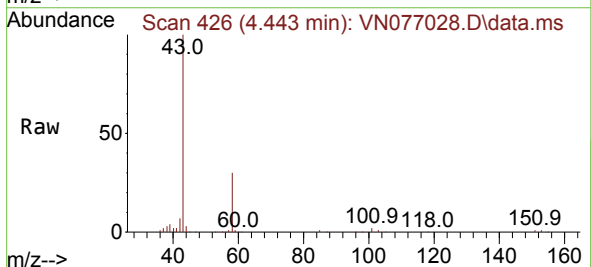
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

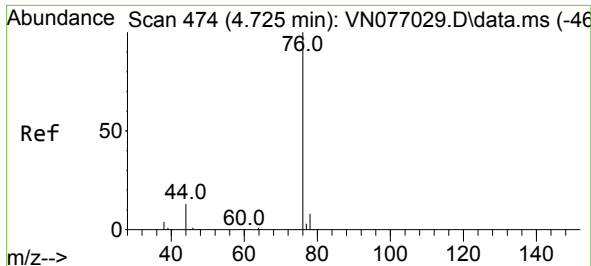
Tgt Ion: 53 Resp: 291875
Ion Ratio Lower Upper
53 100
52 82.6 64.6 97.0
51 36.3 28.3 42.5



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

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

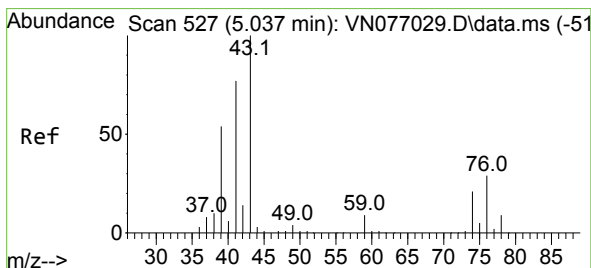
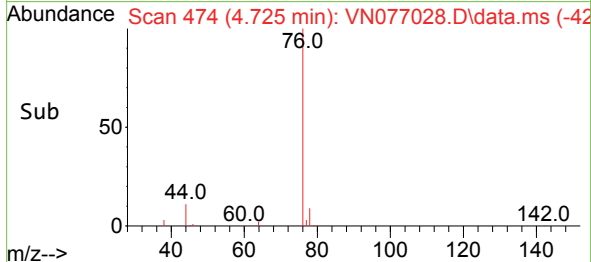
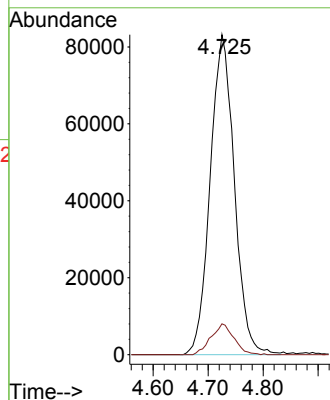
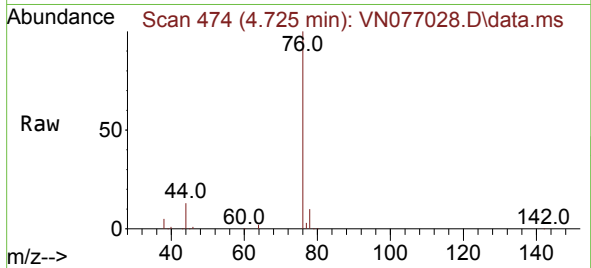




#17
Carbon Disulfide
Concen: 19.082 ug/l
RT: 4.725 min Scan# 474
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

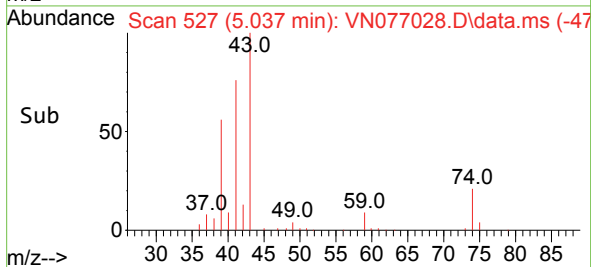
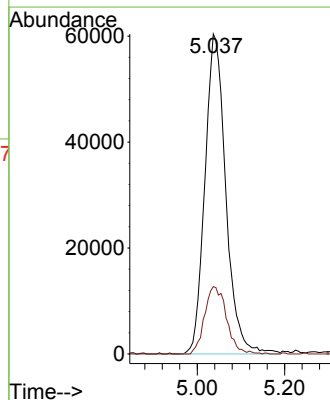
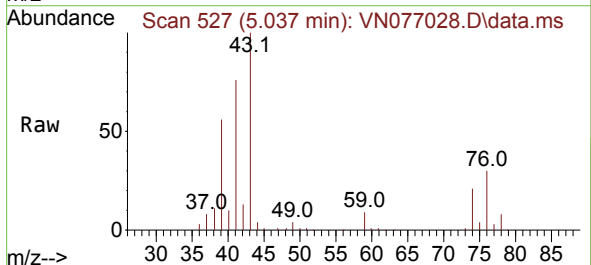
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

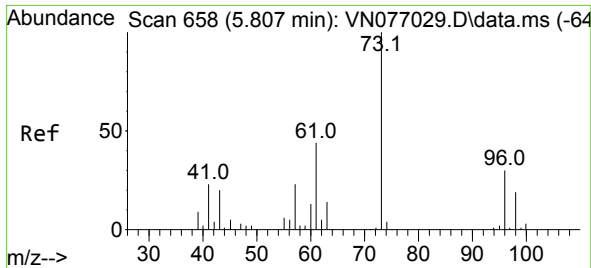
Tgt Ion: 76 Resp: 253806
Ion Ratio Lower Upper
76 100
78 9.6 6.6 10.0



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

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

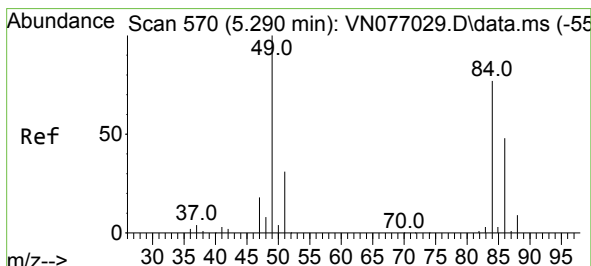
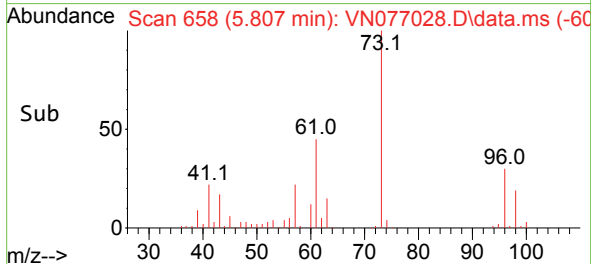
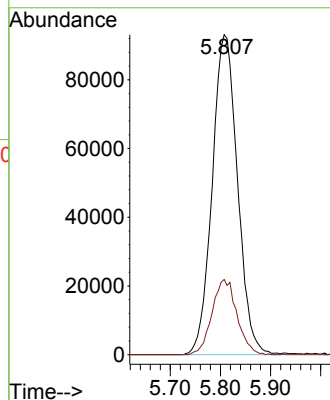
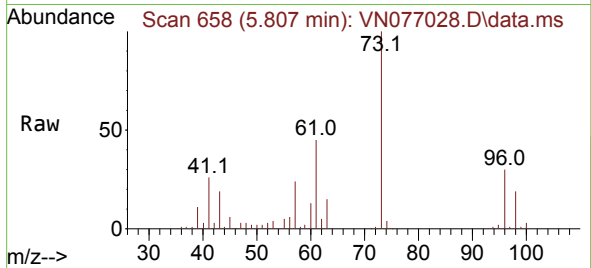




#19
Methyl tert-butyl Ether
Concen: 19.955 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

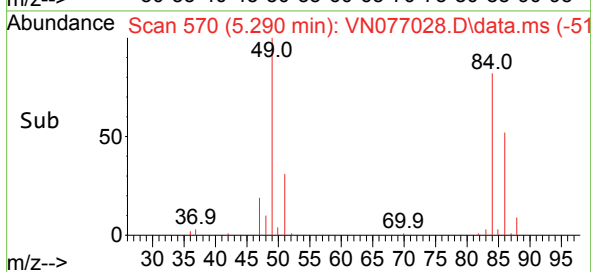
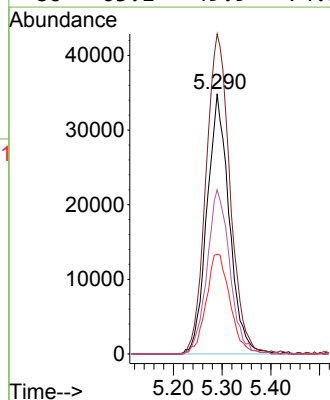
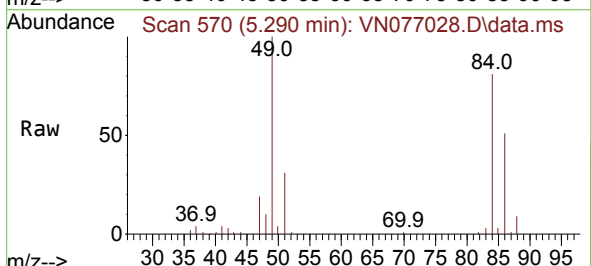
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

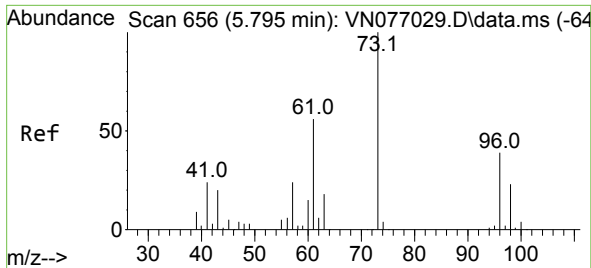
Tgt Ion: 73 Resp: 326686
Ion Ratio Lower Upper
73 100
57 23.5 18.7 28.1



#20
Methylene Chloride
Concen: 19.062 ug/l
RT: 5.290 min Scan# 570
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

Tgt Ion: 84 Resp: 110624
Ion Ratio Lower Upper
84 100
49 123.0 103.8 155.6
51 38.3 32.3 48.5
86 63.1 49.9 74.9

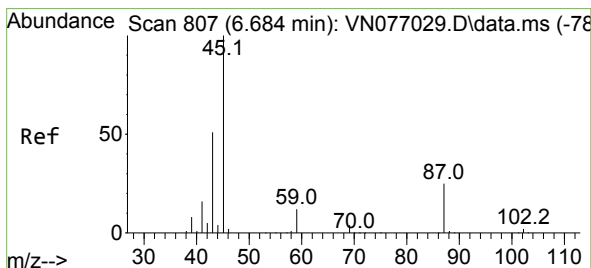
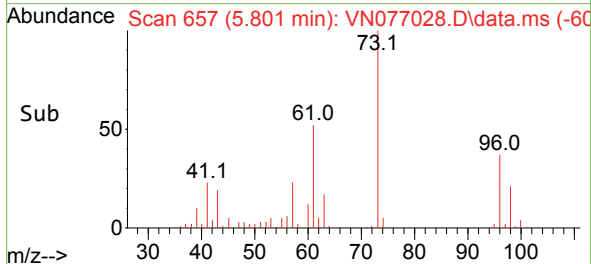
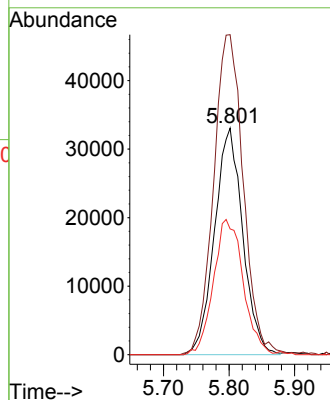
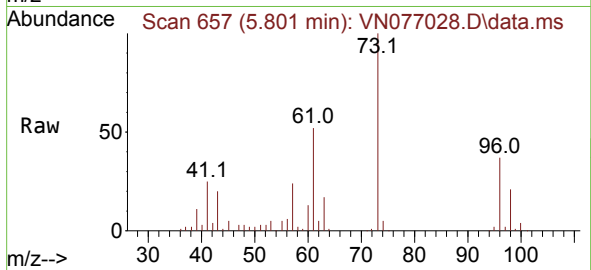




#21
trans-1,2-Dichloroethene
Concen: 19.954 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

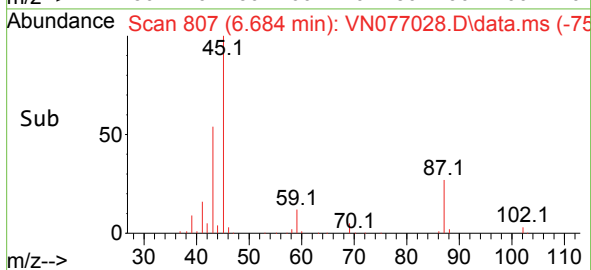
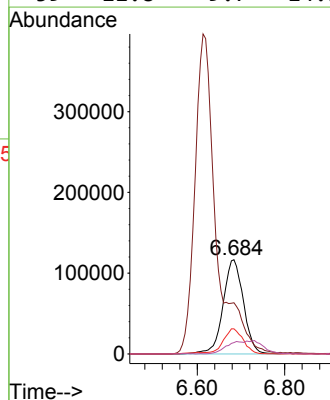
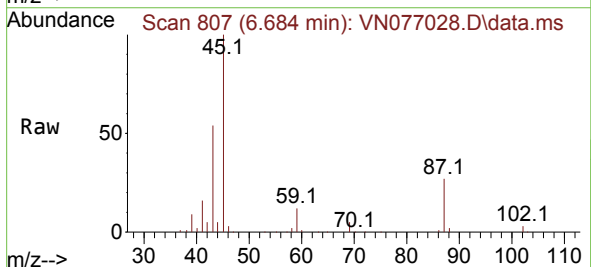
Instrument :
MSVOA_N
ClientSampleId :
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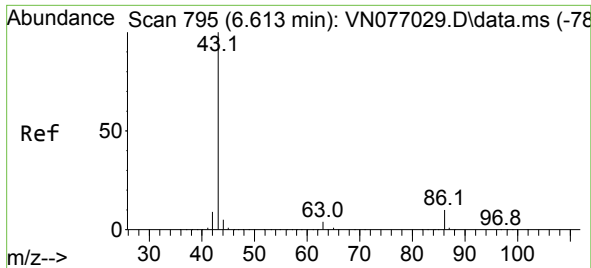
Tgt Ion: 96 Resp: 98653
Ion Ratio Lower Upper
96 100
61 141.3 115.8 173.6
98 55.5 48.2 72.2



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

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

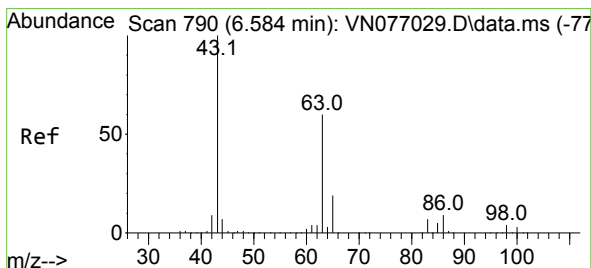
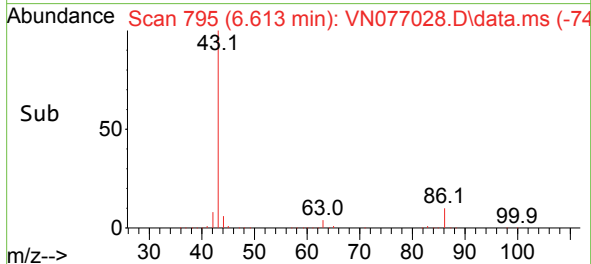
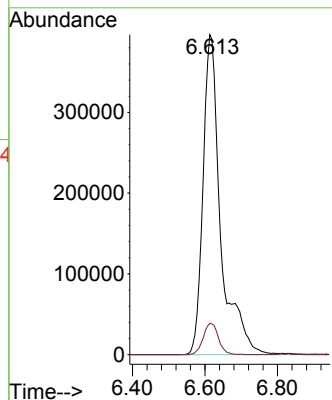
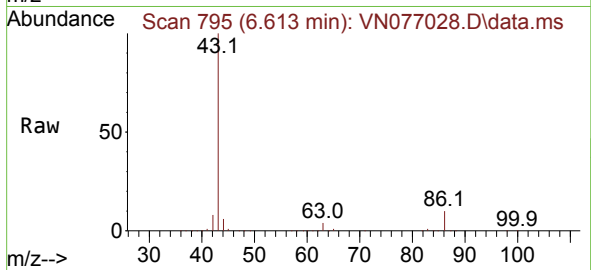




#23
 Vinyl Acetate
 Concen: 119.217 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077028.D
 Acq: 17 Mar 2023 11:01

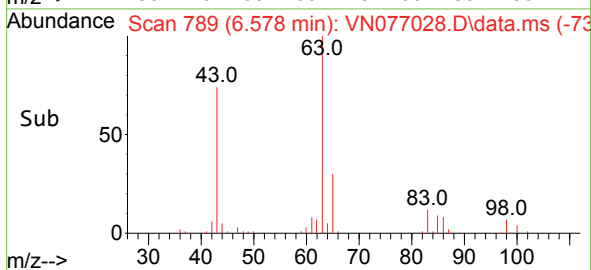
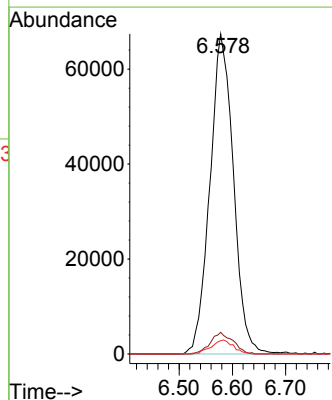
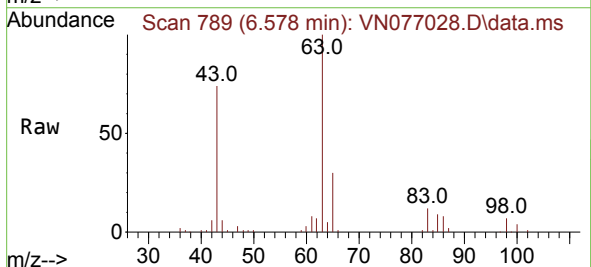
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

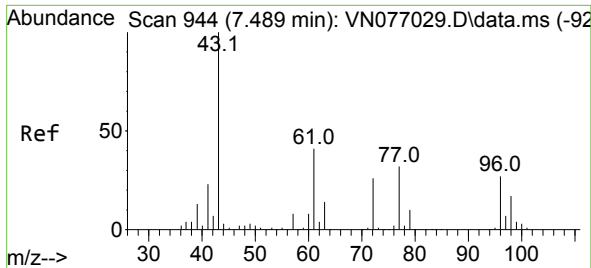
Tgt Ion: 43 Resp: 1341744
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.0 12.0



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

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

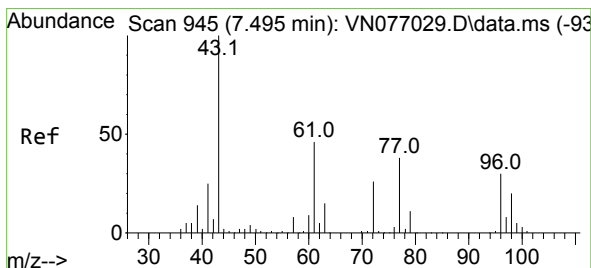
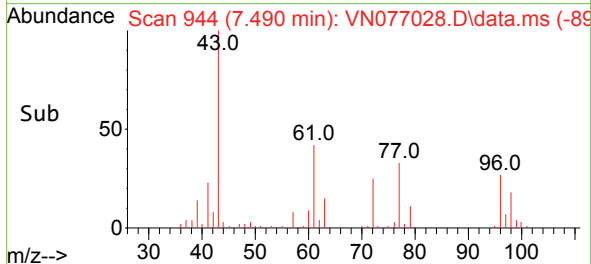
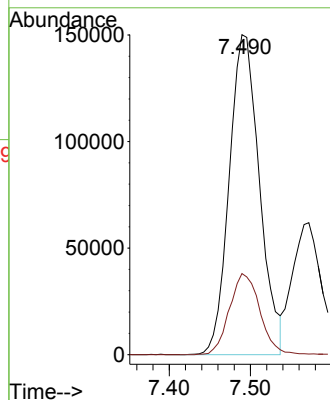
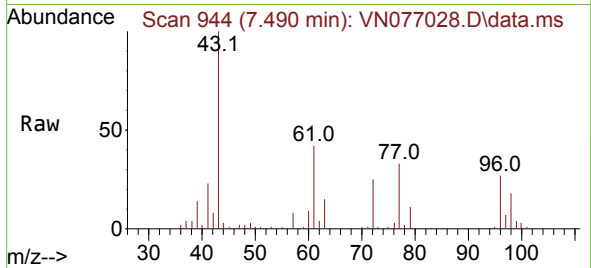




#25
2-Butanone
Concen: 99.517 ug/l
RT: 7.490 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

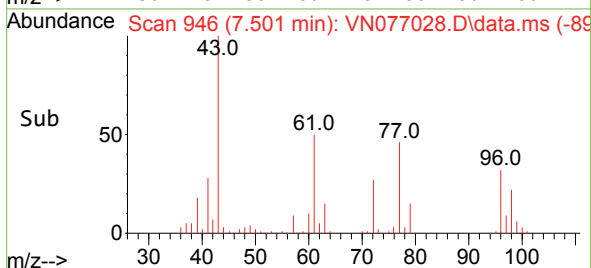
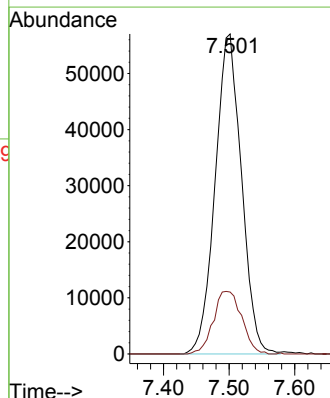
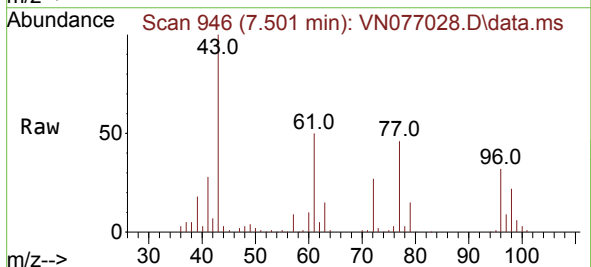
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

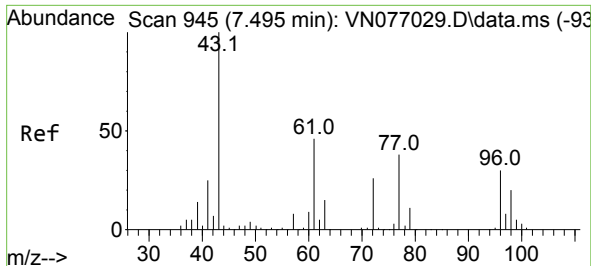
Tgt Ion: 43 Resp: 389284
Ion Ratio Lower Upper
43 100
72 25.4 20.7 31.1



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

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



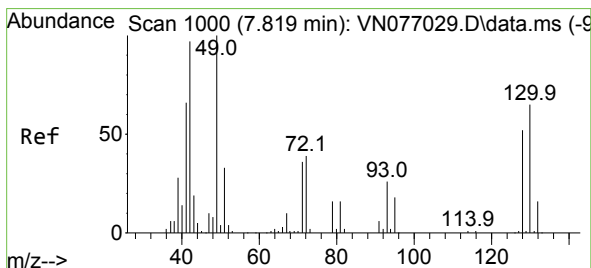
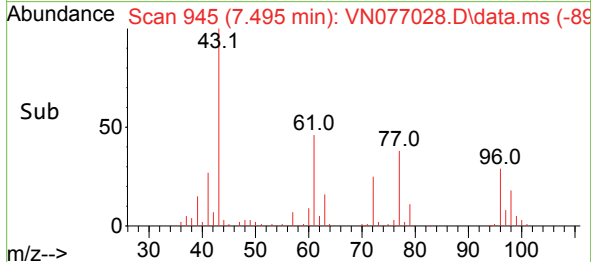
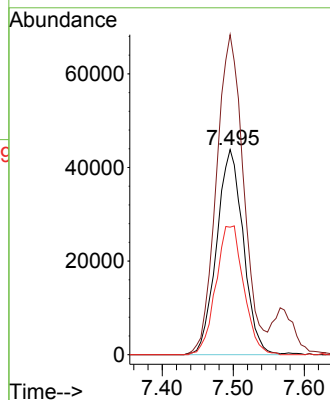
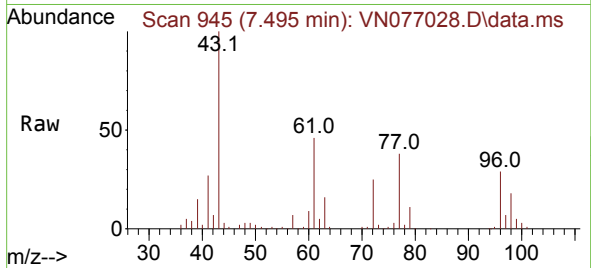


#27
 cis-1,2-Dichloroethene
 Concen: 20.193 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077028.D
 Acq: 17 Mar 2023 11:01

Instrument :
 MSVOA_N
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 VSTDIC020

Tgt Ion: 96 Resp: 114339

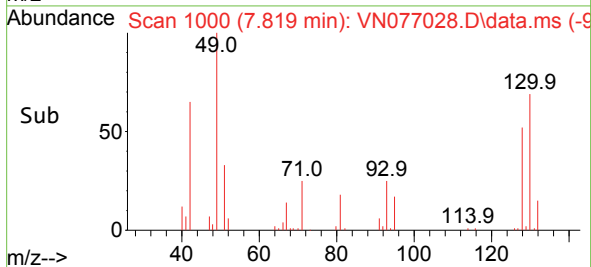
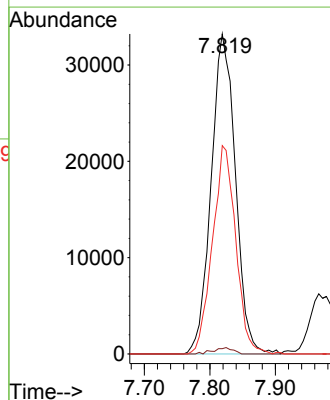
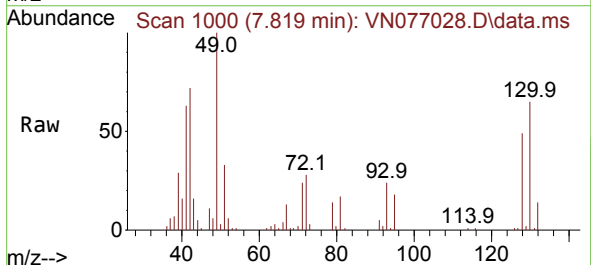
Ion	Ratio	Lower	Upper
96	100		
61	159.8	0.0	315.4
98	65.3	0.0	128.6

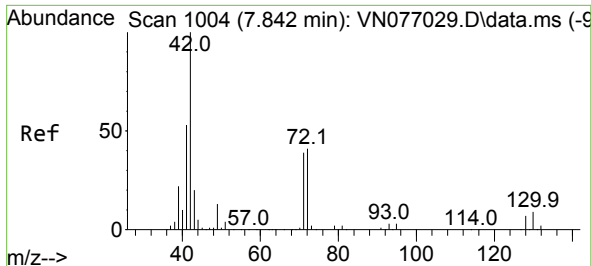


#28
 Bromochloromethane
 Concen: 18.764 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. 0.000 min
 Lab File: VN077028.D
 Acq: 17 Mar 2023 11:01

Tgt Ion: 49 Resp: 85315

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.2
130	62.4	51.9	77.9





#29

Tetrahydrofuran

Concen: 103.431 ug/l

RT: 7.848 min Scan# 1004

Delta R.T. 0.006 min

Lab File: VN077028.D

Acq: 17 Mar 2023 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

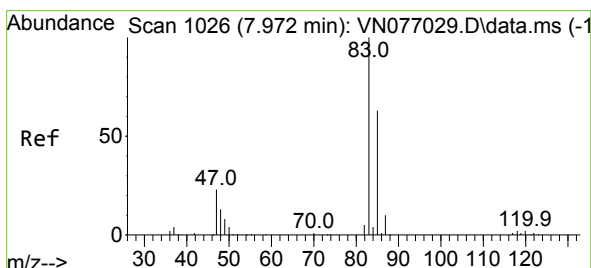
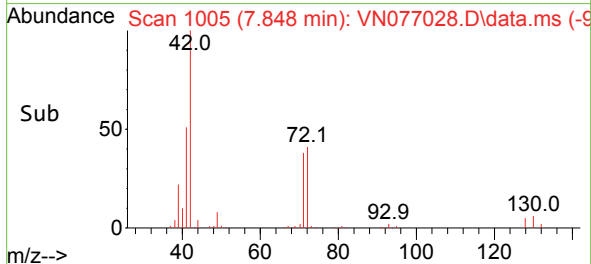
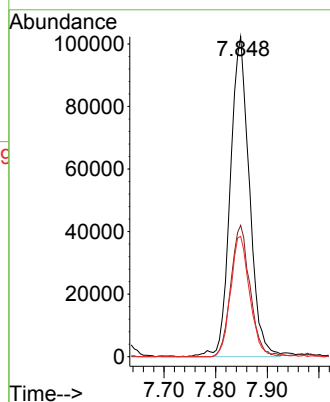
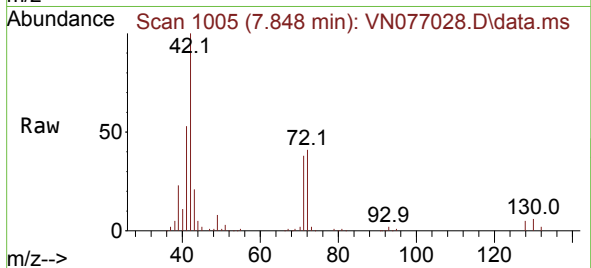
Tgt Ion: 42 Resp: 262180

Ion Ratio Lower Upper

42 100

72 41.3 33.2 49.8

71 37.5 31.0 46.4



#30

Chloroform

Concen: 20.059 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VN077028.D

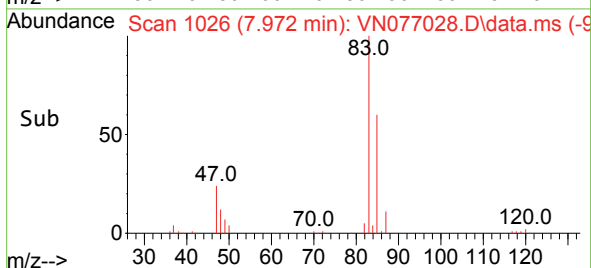
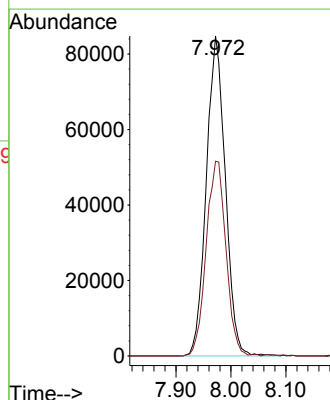
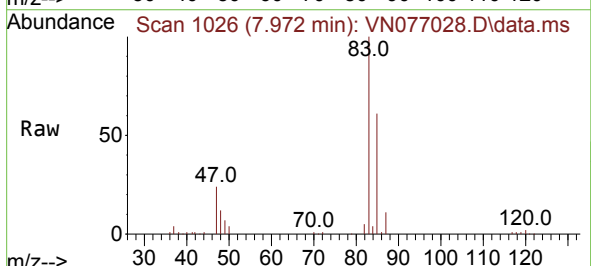
Acq: 17 Mar 2023 11:01

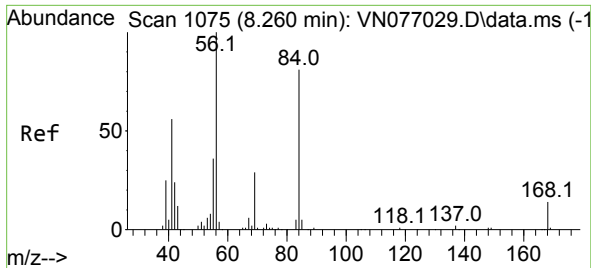
Tgt Ion: 83 Resp: 203836

Ion Ratio Lower Upper

83 100

85 60.9 50.6 75.8

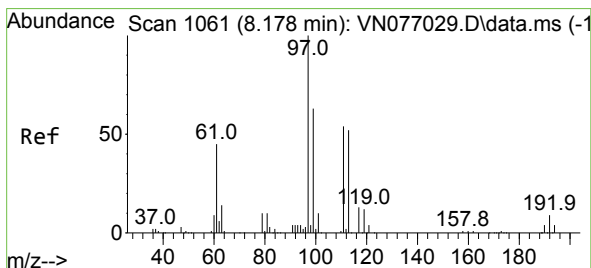
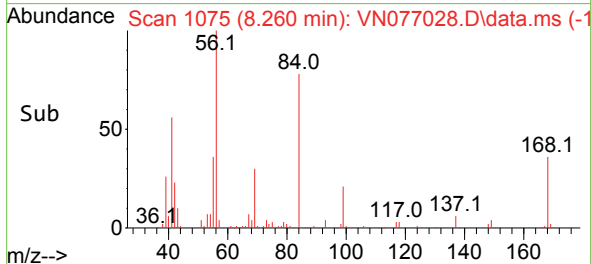
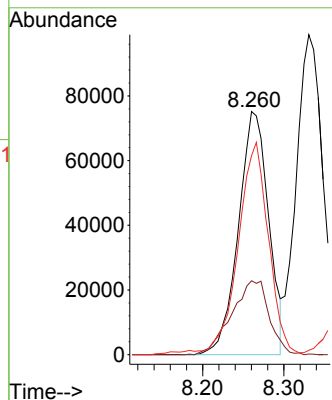
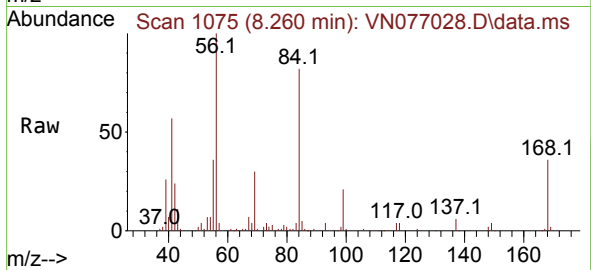




#31
Cyclohexane
Concen: 19.792 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

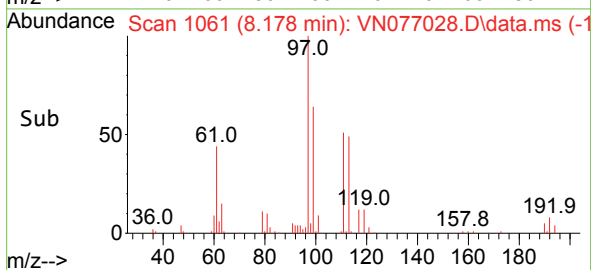
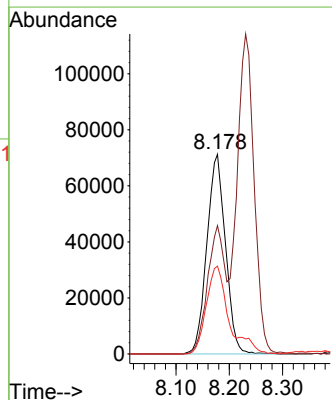
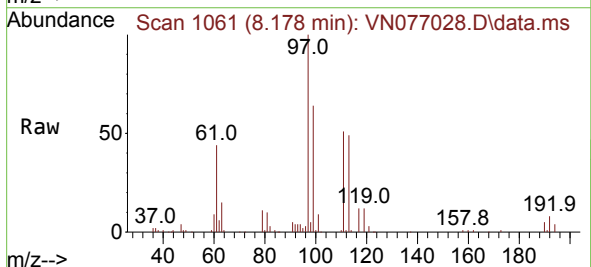
Instrument :
MSVOA_N
ClientSampleId :
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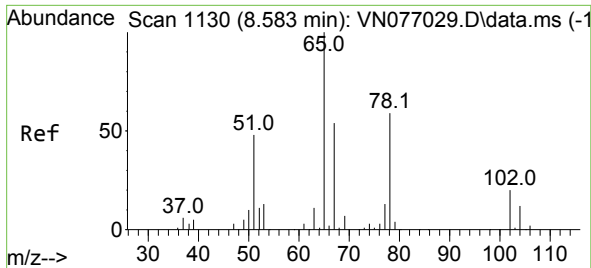
Tgt Ion: 56 Resp: 194334
Ion Ratio Lower Upper
56 100
69 30.4 22.8 34.2
84 80.8 64.7 97.1



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

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

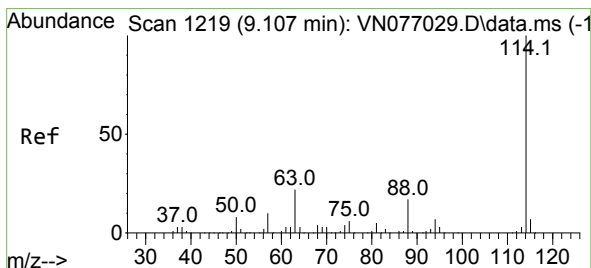
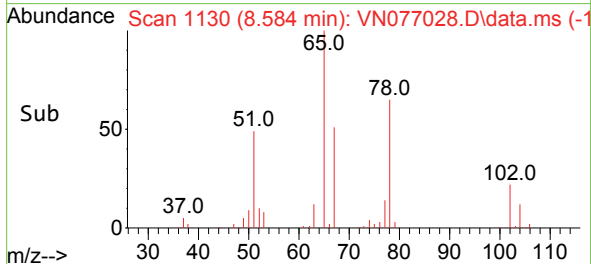
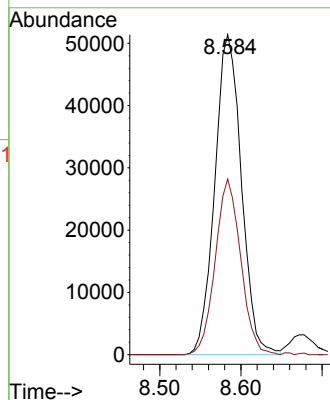
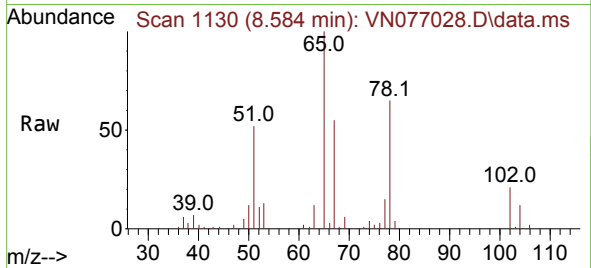




#33
 1,2-Dichloroethane-d4
 Concen: 19.508 ug/l
 RT: 8.584 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VN077028.D
 Acq: 17 Mar 2023 11:01

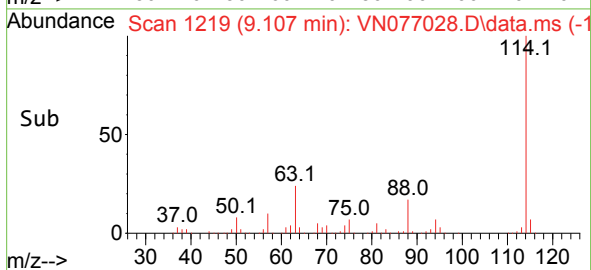
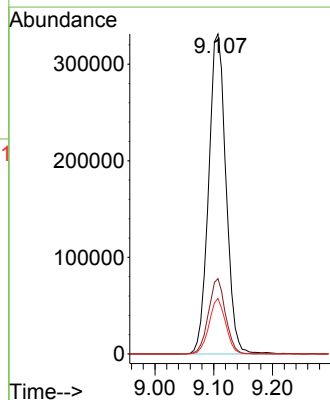
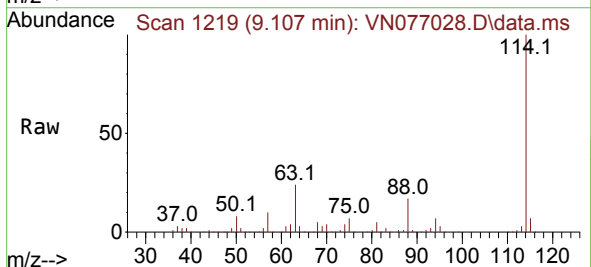
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

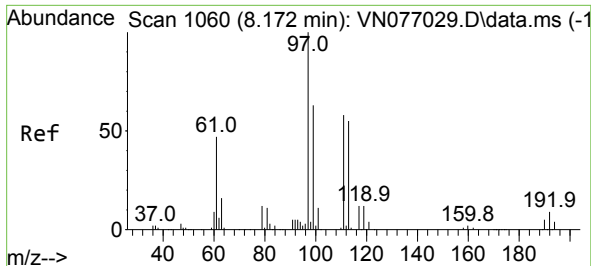
Tgt Ion: 65 Resp: 117073
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.107 min Scan# 1219
 Delta R.T. 0.000 min
 Lab File: VN077028.D
 Acq: 17 Mar 2023 11:01

Tgt Ion: 114 Resp: 679694
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 44.6
 88 17.3 0.0 33.8

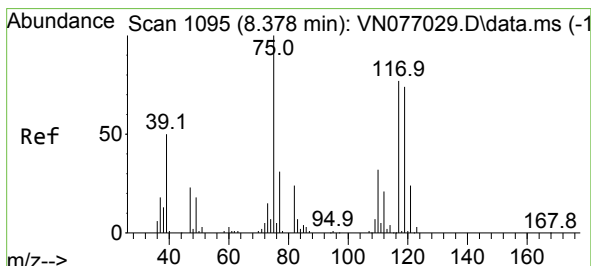
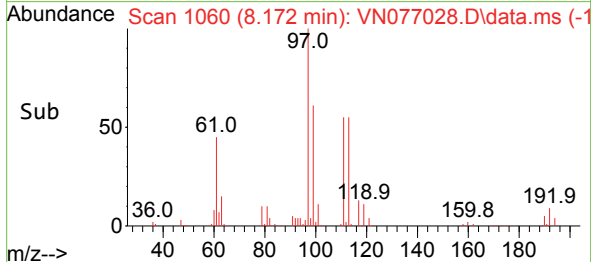
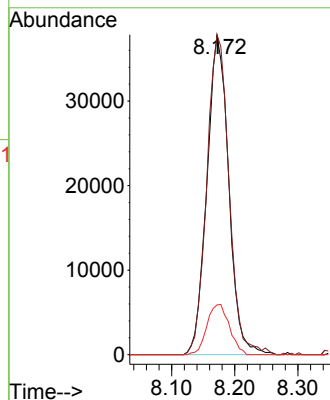
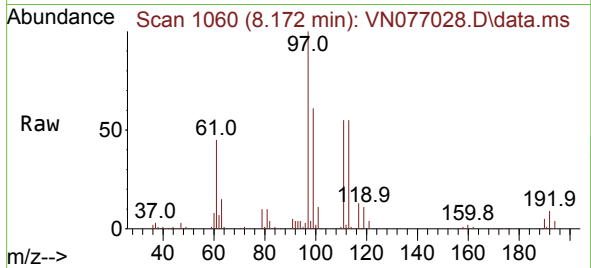




#35
Dibromofluoromethane
Concen: 19.630 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

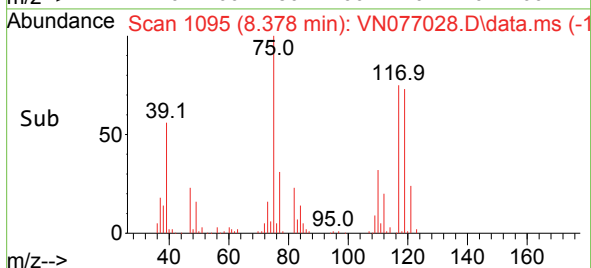
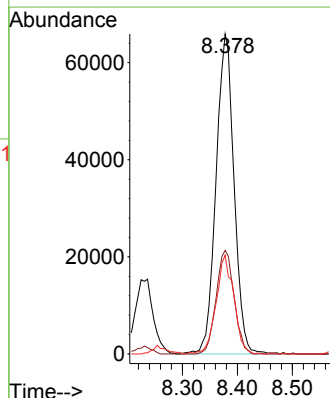
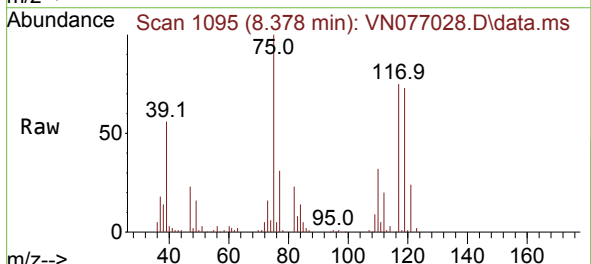
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

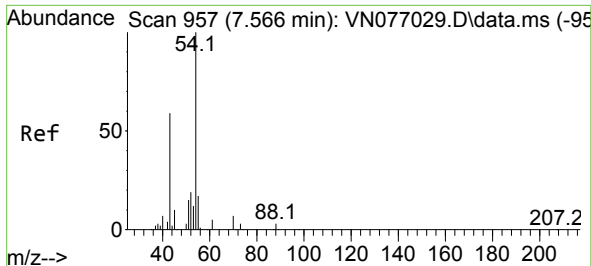
Tgt Ion:113 Resp: 90529
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 16.2 13.0 19.6



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

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

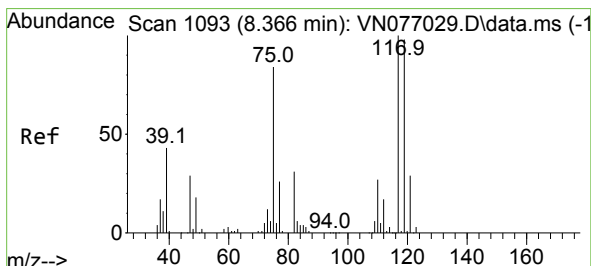
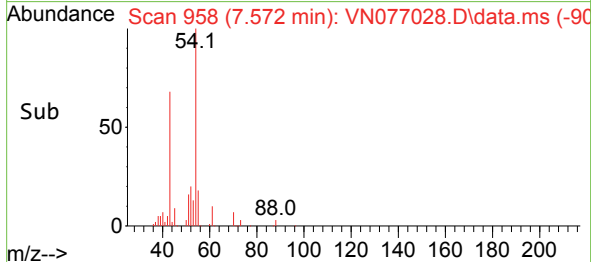
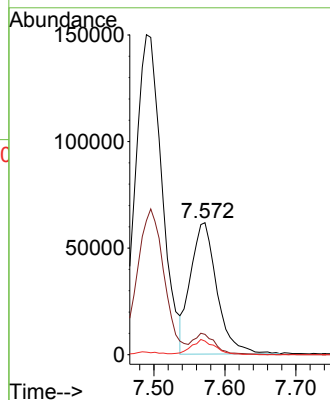
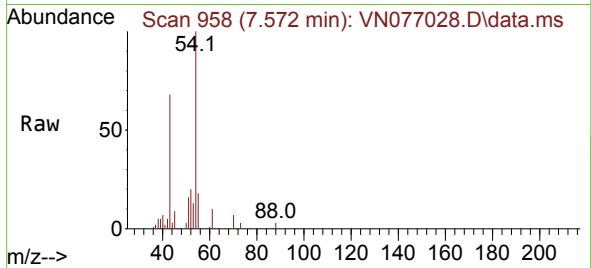




#37
Ethyl Acetate
Concen: 20.056 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

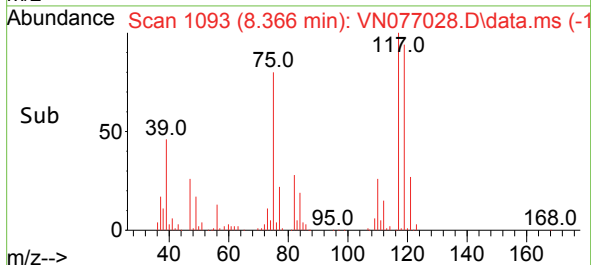
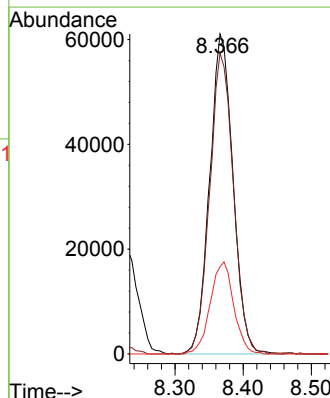
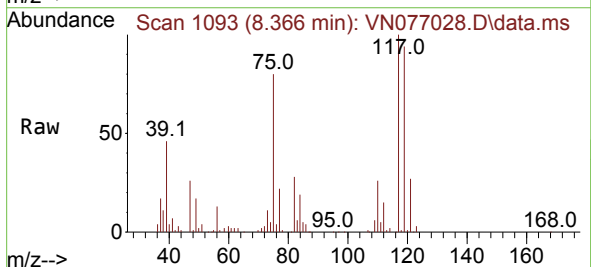
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

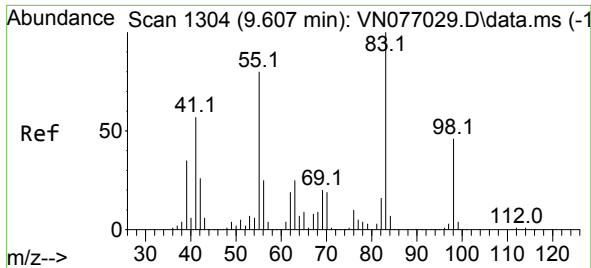
Tgt Ion: 43 Resp: 159536
Ion Ratio Lower Upper
43 100
61 13.3 11.0 16.6
70 10.4 8.4 12.6



#38
Carbon Tetrachloride
Concen: 20.102 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

Tgt Ion: 117 Resp: 145574
Ion Ratio Lower Upper
117 100
119 94.1 78.2 117.2
121 27.2 23.2 34.8

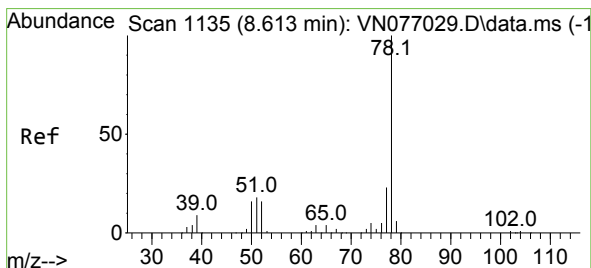
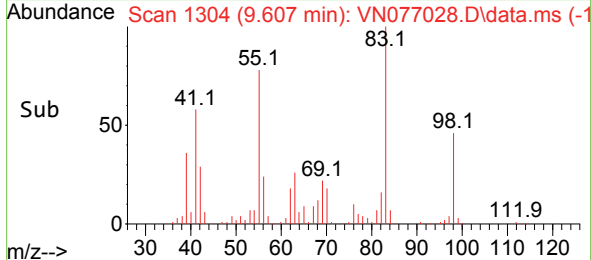
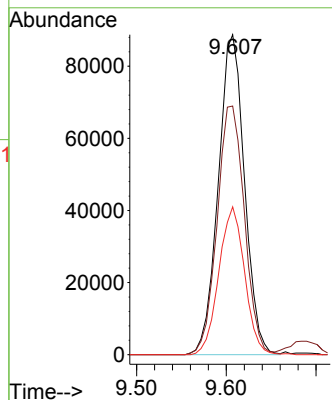
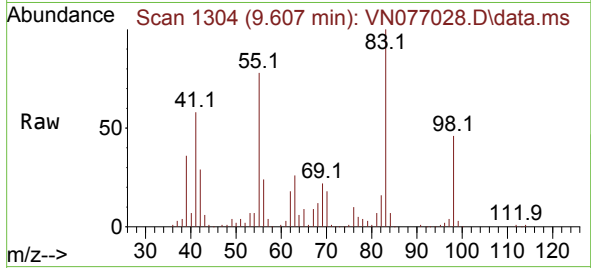




#39
Methylcyclohexane
Concen: 20.682 ug/l
RT: 9.607 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

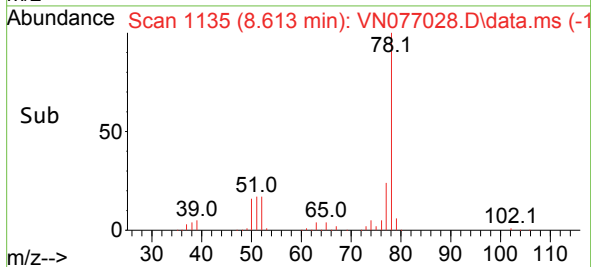
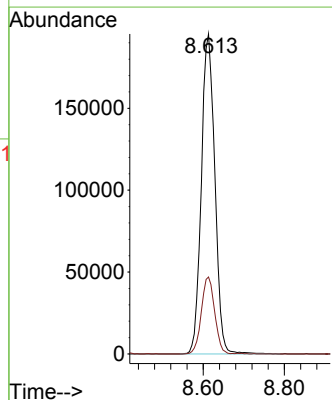
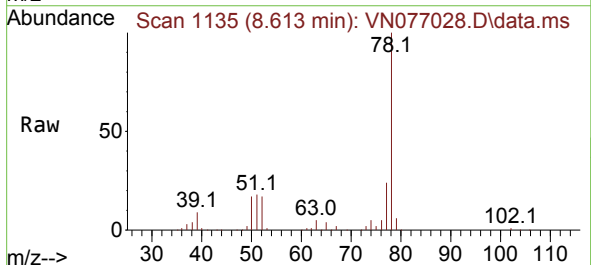
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

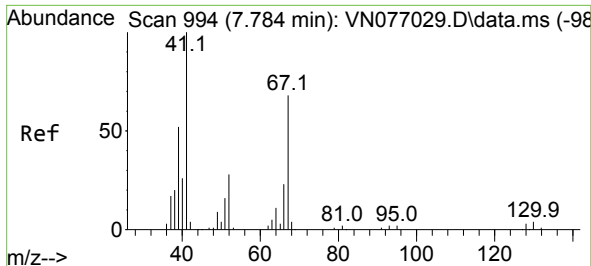
Tgt Ion: 83 Resp: 179976
Ion Ratio Lower Upper
83 100
55 77.7 63.8 95.8
98 46.2 37.1 55.7



#40
Benzene
Concen: 20.038 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

Tgt Ion: 78 Resp: 451815
Ion Ratio Lower Upper
78 100
77 24.1 18.5 27.7

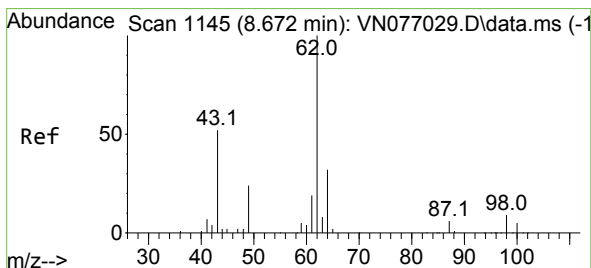
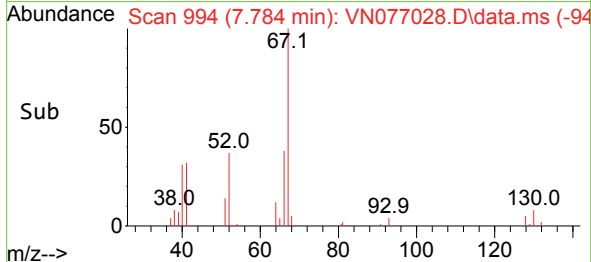
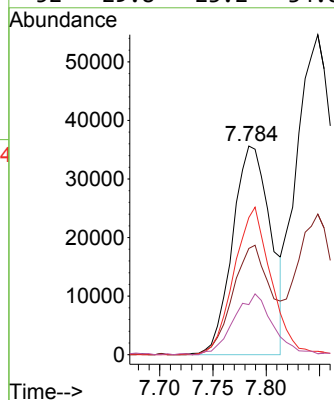
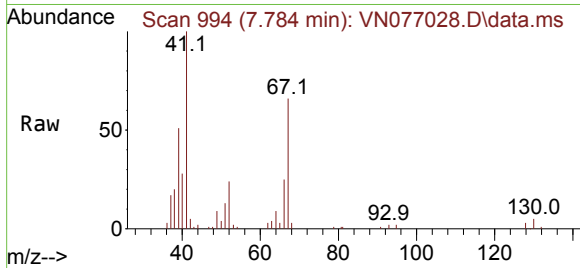




#41
Methacrylonitrile
Concen: 21.439 ug/l
RT: 7.784 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

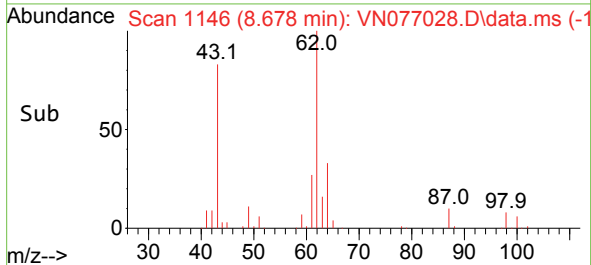
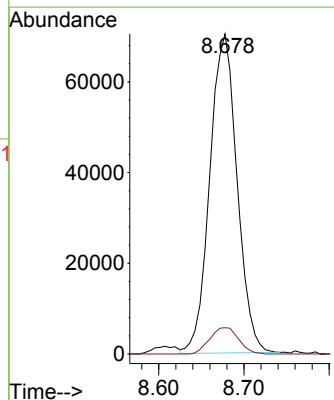
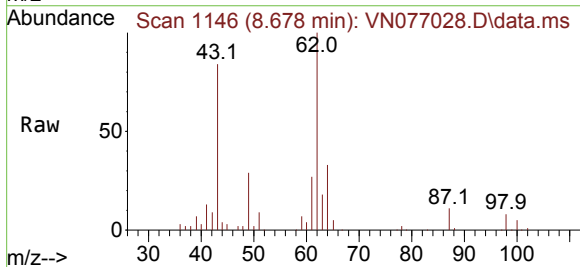
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

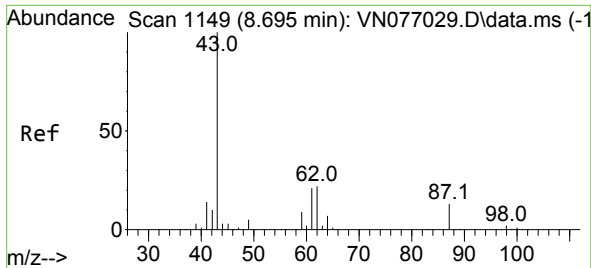
Tgt Ion:	41	Resp:	88664
Ion	Ratio	Lower	Upper
41	100		
39	52.3	41.6	62.4
67	68.7	53.8	80.8
52	29.8	23.2	34.8



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

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

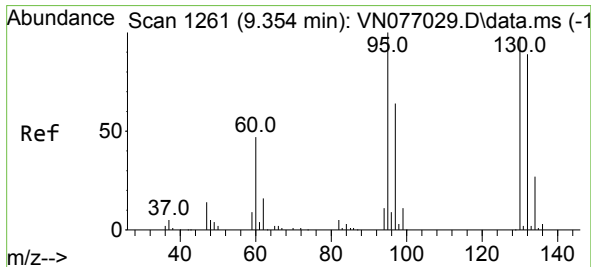
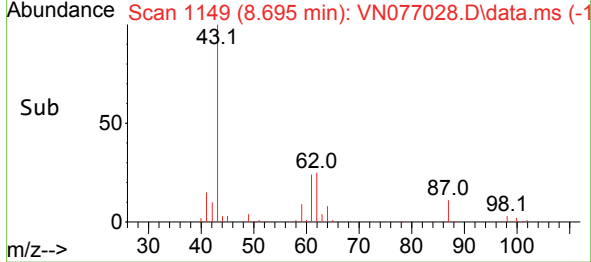
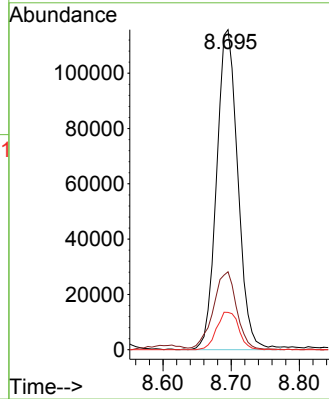
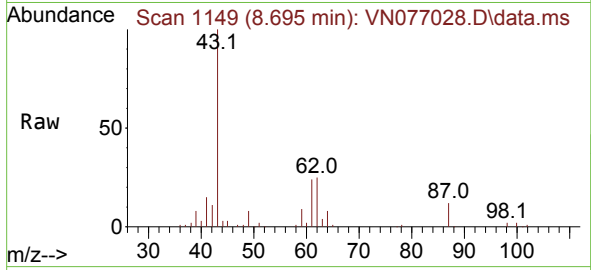




#43
Isopropyl Acetate
Concen: 20.230 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

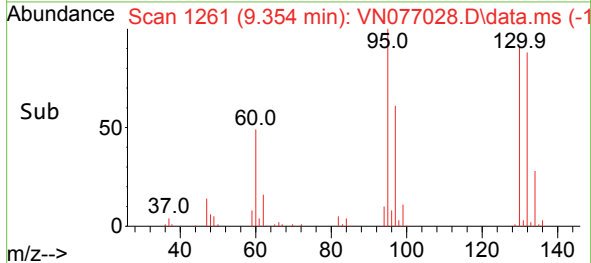
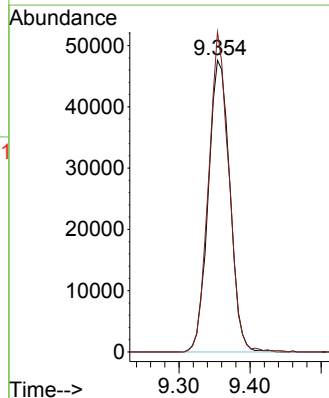
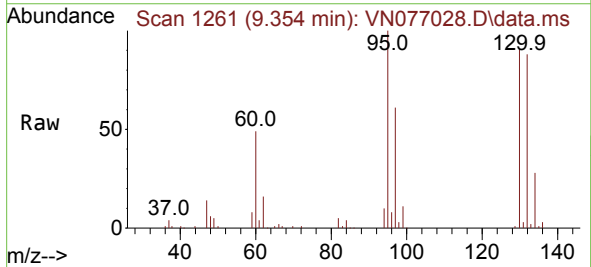
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

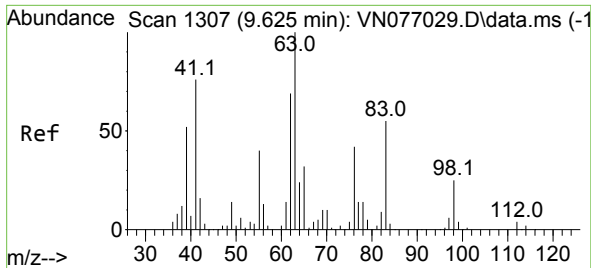
Tgt Ion: 43 Resp: 251379
Ion Ratio Lower Upper
43 100
61 27.0 20.6 30.8
87 12.2 10.0 15.0



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

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

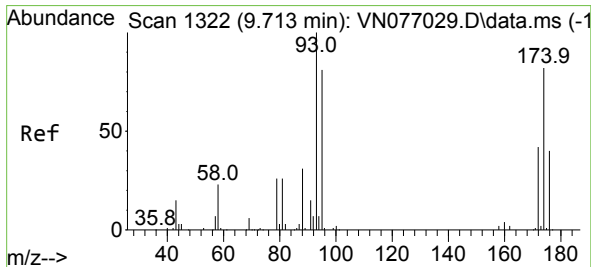
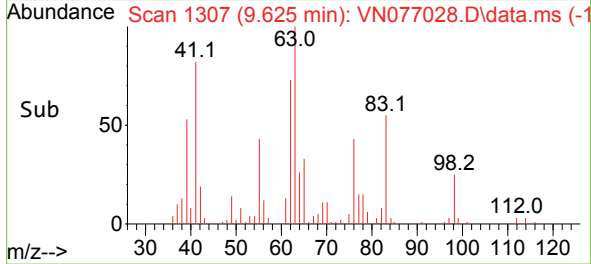
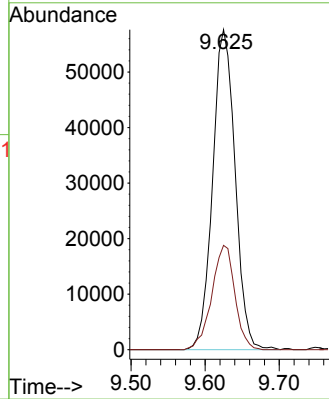
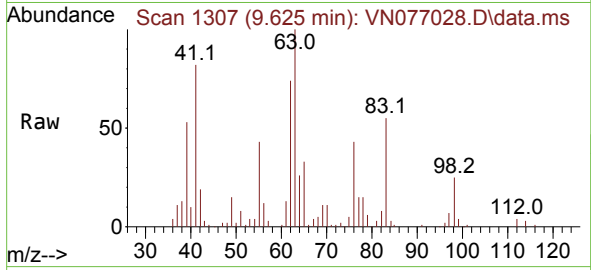




#45
1,2-Dichloropropane
Concen: 20.264 ug/l
RT: 9.625 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

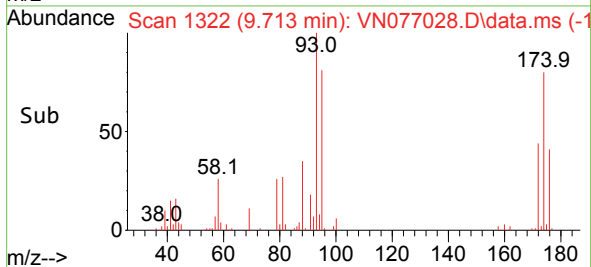
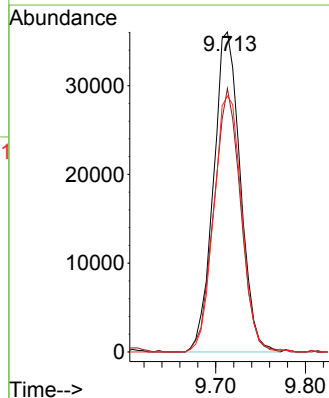
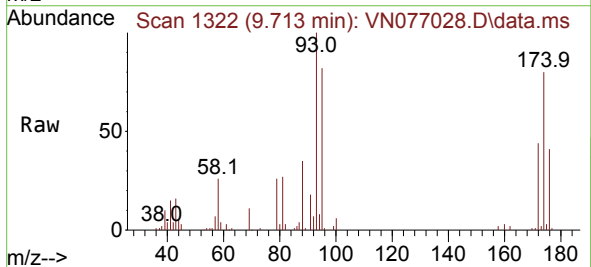
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

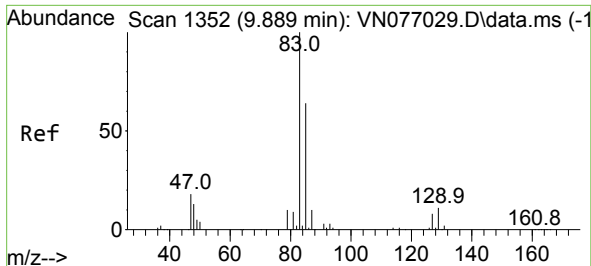
Tgt Ion: 63 Resp: 121350
Ion Ratio Lower Upper
63 100
65 32.6 25.5 38.3



#46
Dibromomethane
Concen: 19.777 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

Tgt Ion: 93 Resp: 74694
Ion Ratio Lower Upper
93 100
95 82.3 65.7 98.5
174 83.4 66.4 99.6

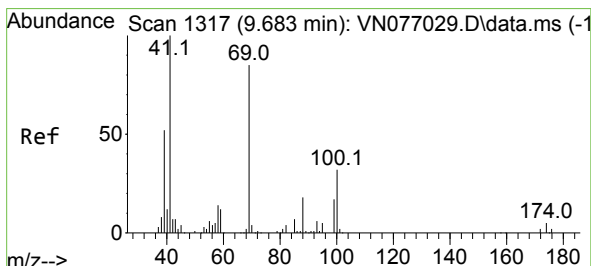
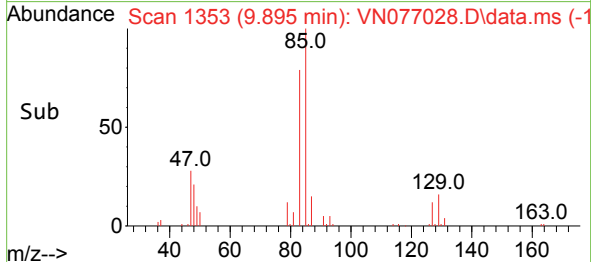
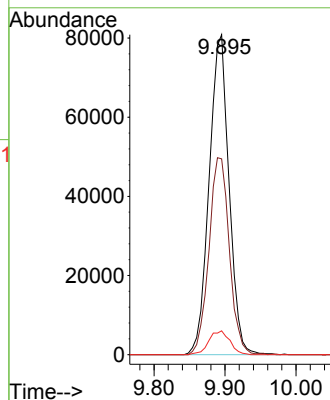
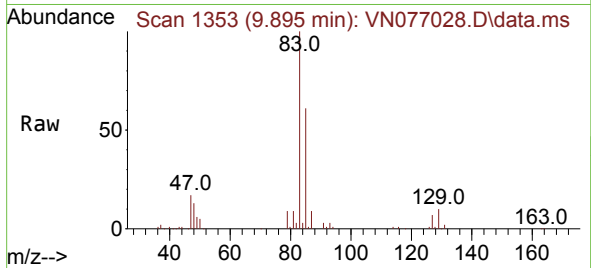




#47
Bromodichloromethane
Concen: 19.805 ug/l
RT: 9.895 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

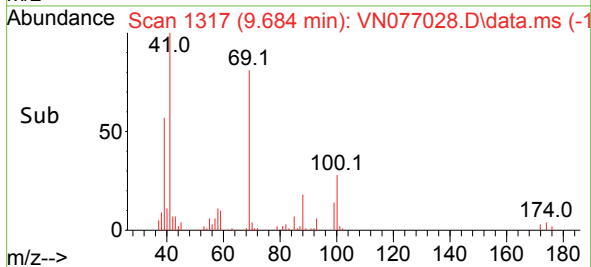
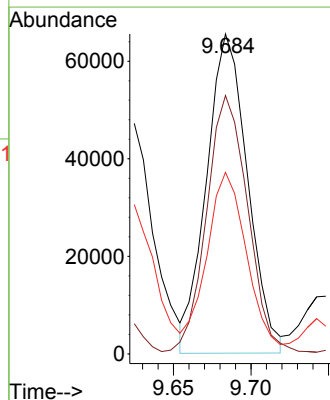
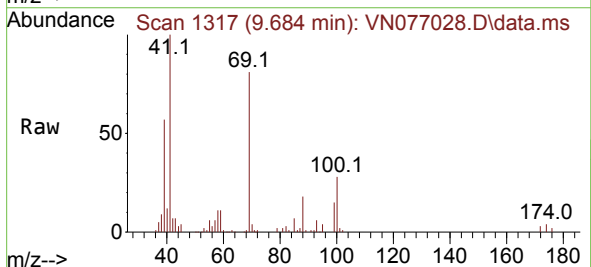
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

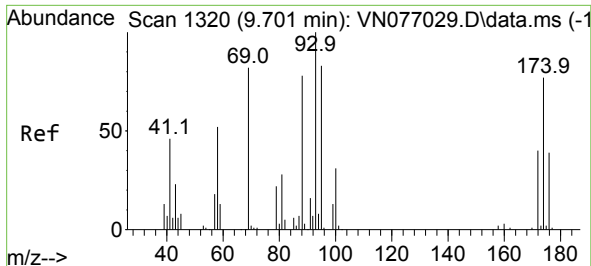
Tgt Ion: 83 Resp: 156882
Ion Ratio Lower Upper
83 100
85 61.2 51.0 76.4
127 7.4 6.1 9.1



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

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

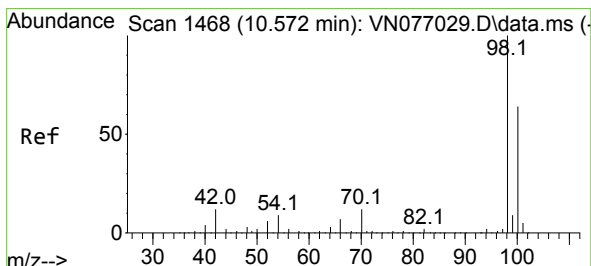
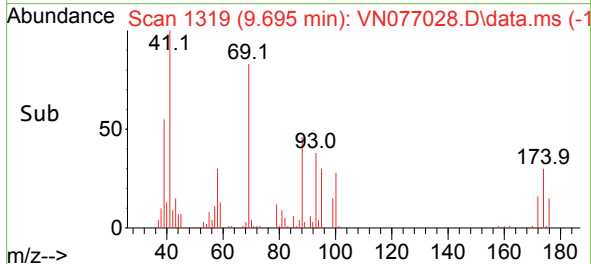
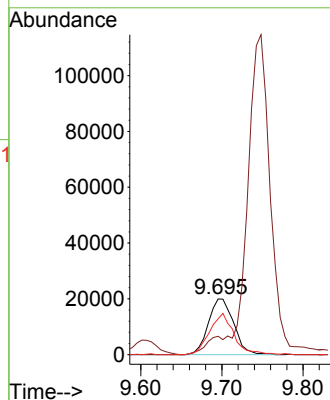
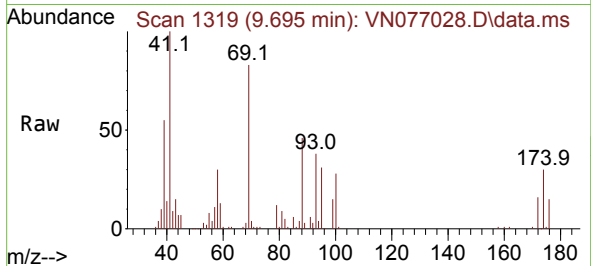




#49
1,4-Dioxane
Concen: 426.315 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

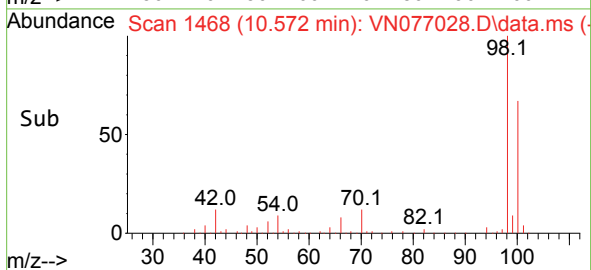
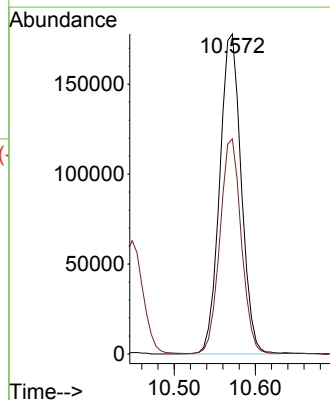
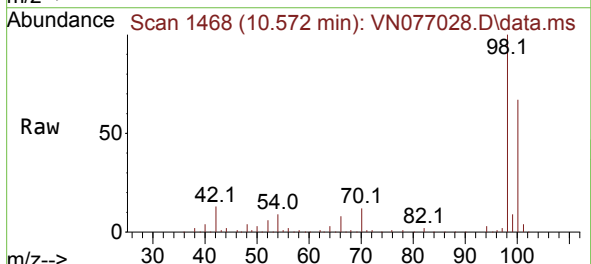
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

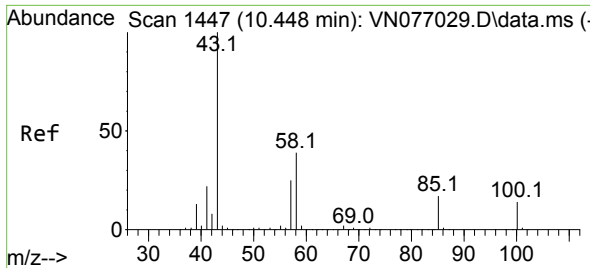
Tgt Ion: 88 Resp: 43256
Ion Ratio Lower Upper
88 100
43 23.2 22.2 33.2
58 71.6 60.8 91.2



#50
Toluene-d8
Concen: 19.309 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

Tgt Ion: 98 Resp: 328308
Ion Ratio Lower Upper
98 100
100 66.7 51.6 77.4

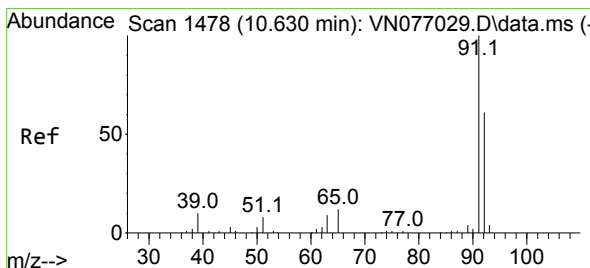
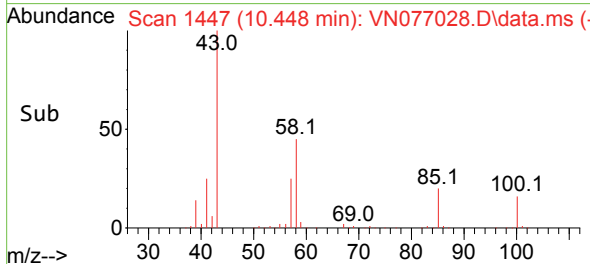
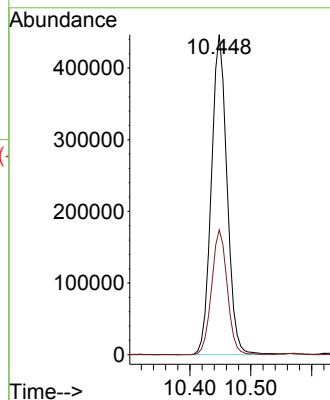
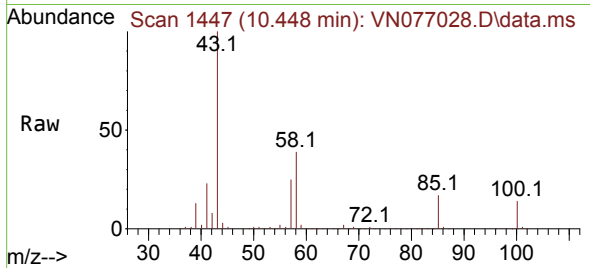




#51
4-Methyl-2-Pentanone
Concen: 103.158 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

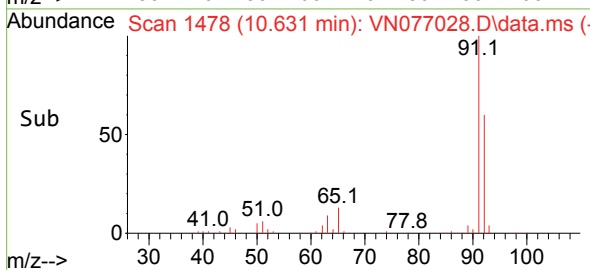
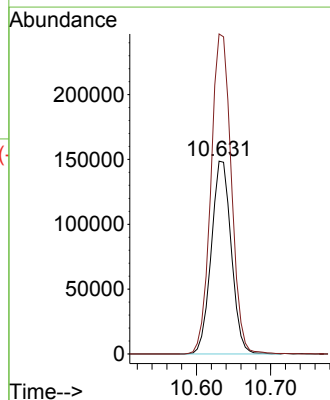
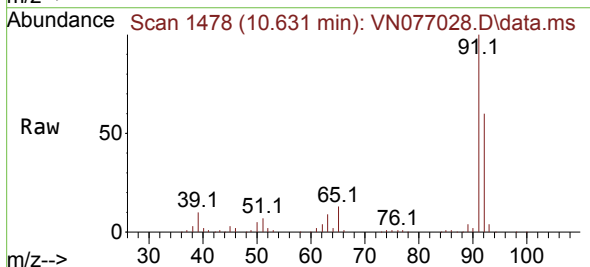
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

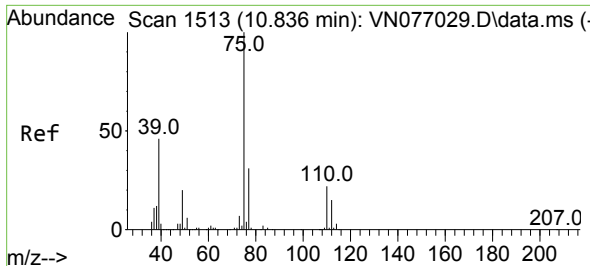
Tgt Ion: 43 Resp: 798255
Ion Ratio Lower Upper
43 100
58 39.0 31.1 46.7



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

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

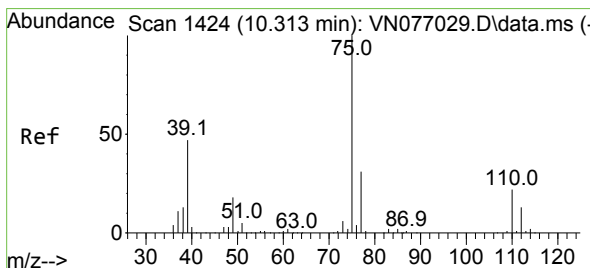
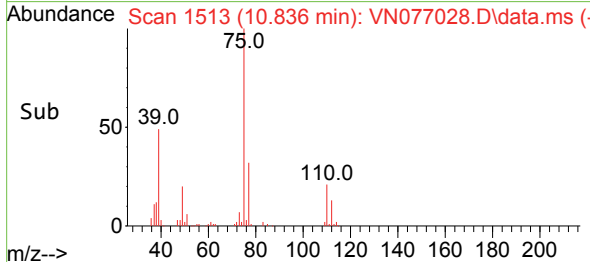
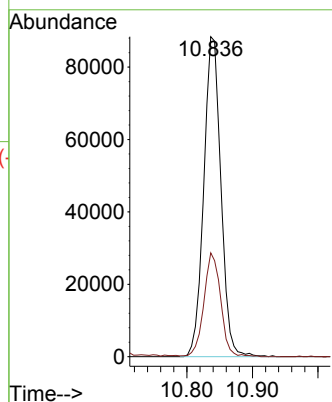
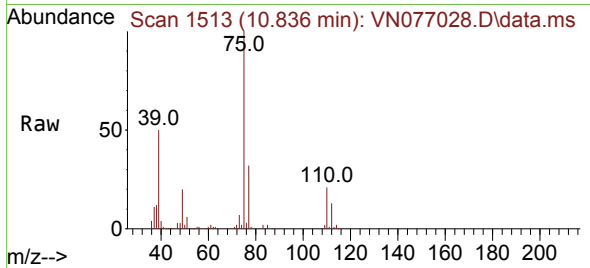




#53
 t-1,3-Dichloropropene
 Concen: 20.759 ug/l
 RT: 10.836 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN077028.D
 Acq: 17 Mar 2023 11:01

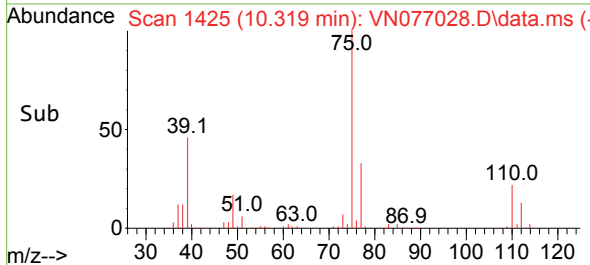
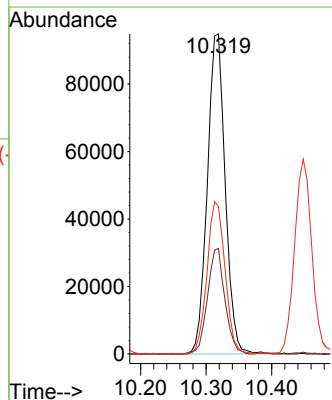
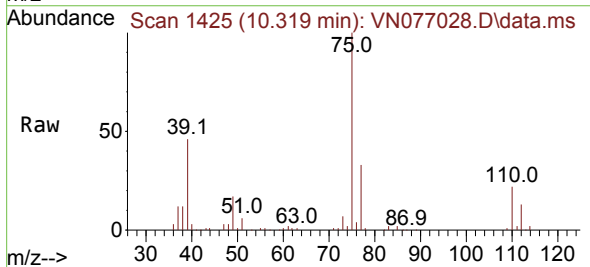
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

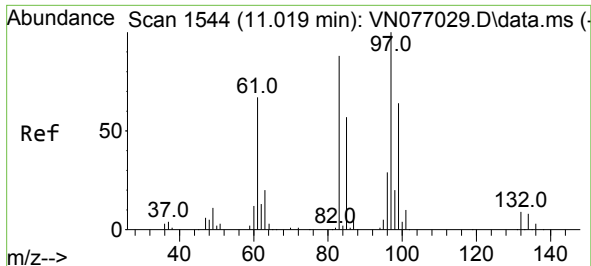
Tgt Ion: 75 Resp: 161161
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.1 37.7



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

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

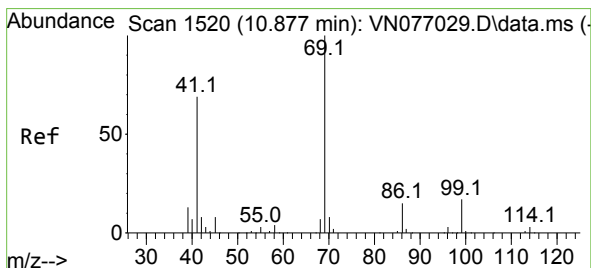
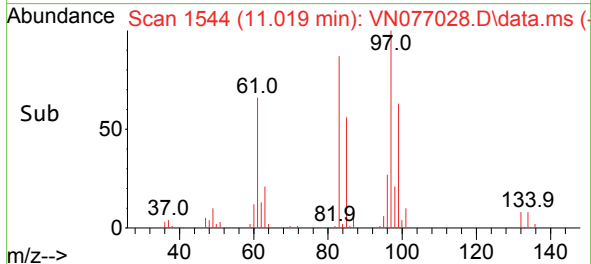
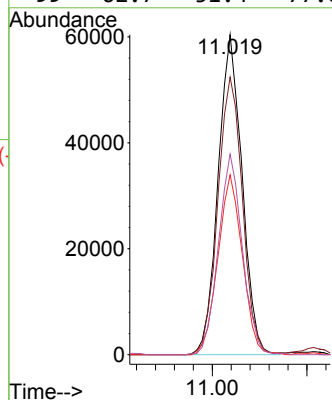
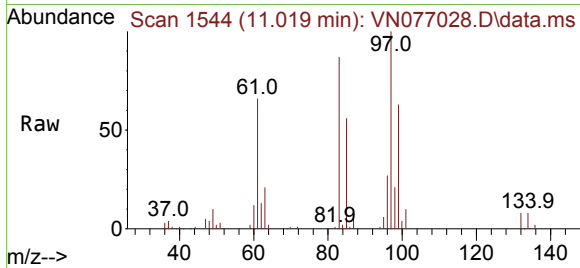




#55
1,1,2-Trichloroethane
Concen: 19.984 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

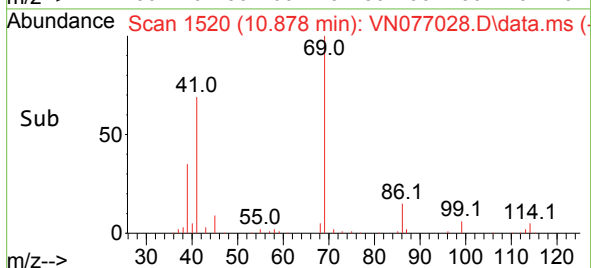
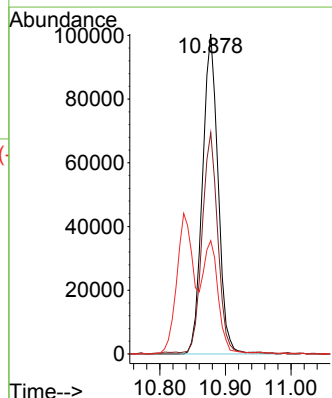
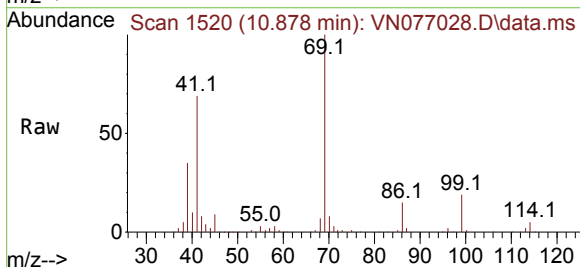
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

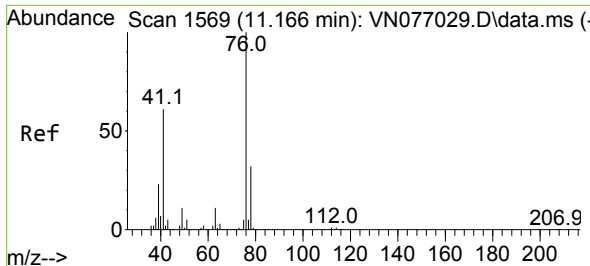
Tgt Ion:	97	Resp:	106091
Ion	Ratio	Lower	Upper
97	100		
83	86.8	70.5	105.7
85	56.2	45.4	68.2
99	62.7	51.4	77.0



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

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





#57

1,3-Dichloropropane

Concen: 20.038 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VN077028.D

Acq: 17 Mar 2023 11:01

Instrument :

MSVOA_N

ClientSampleId :

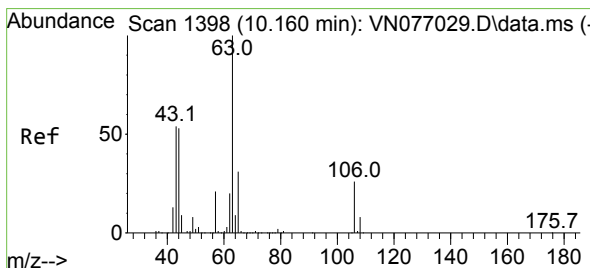
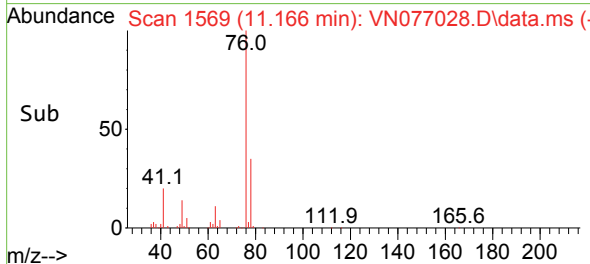
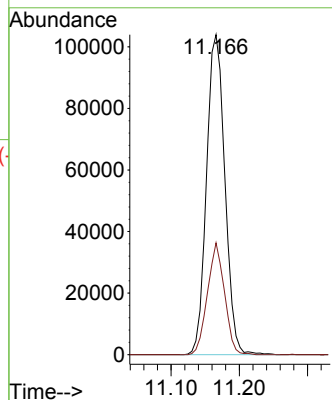
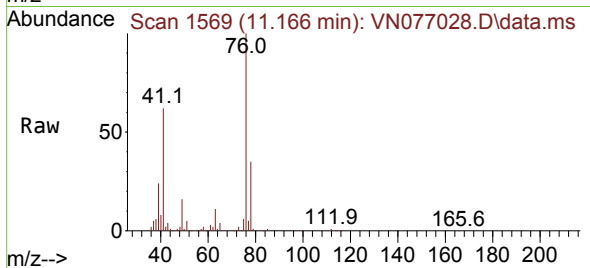
VSTDIC020

Tgt Ion: 76 Resp: 194753

Ion Ratio Lower Upper

76 100

78 32.5 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 104.981 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VN077028.D

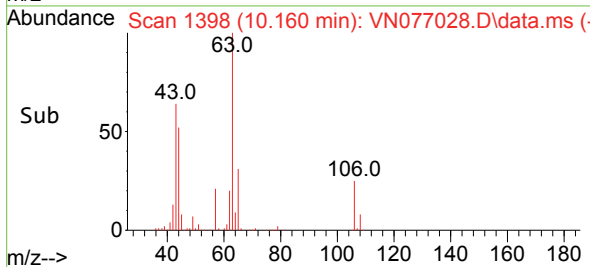
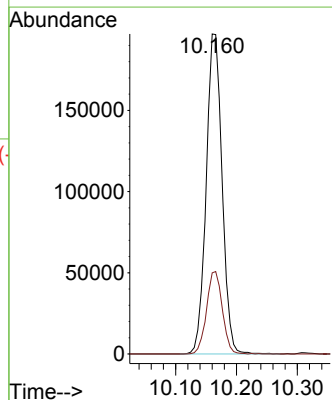
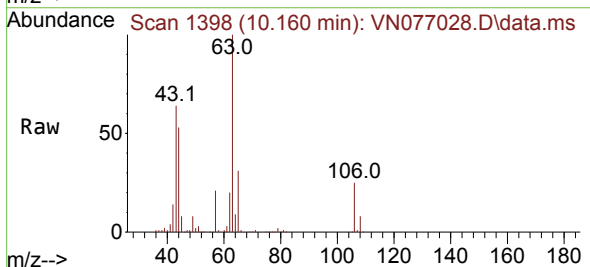
Acq: 17 Mar 2023 11:01

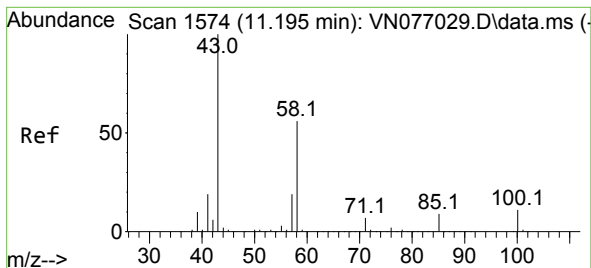
Tgt Ion: 63 Resp: 357284

Ion Ratio Lower Upper

63 100

106 25.6 20.6 31.0

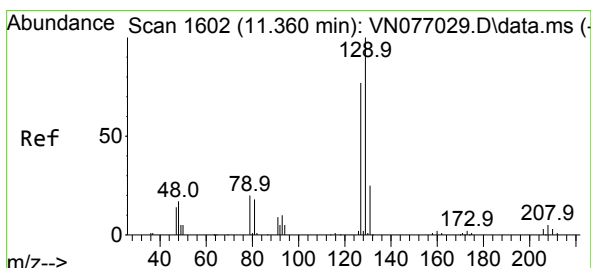
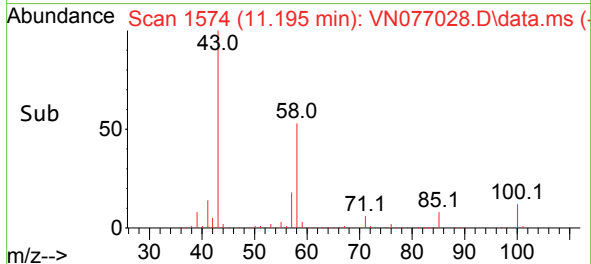
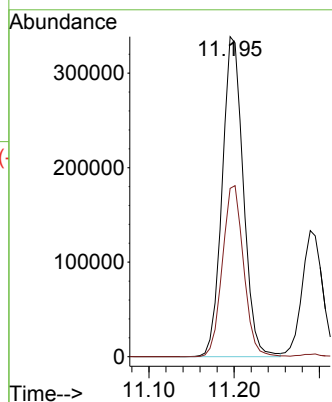
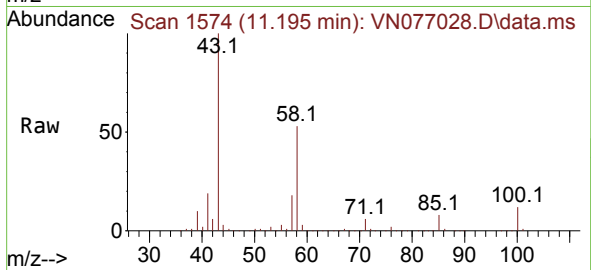




#59
2-Hexanone
Concen: 103.988 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

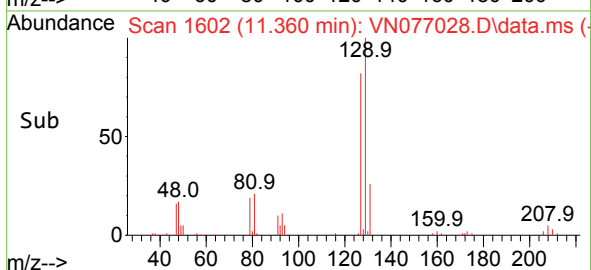
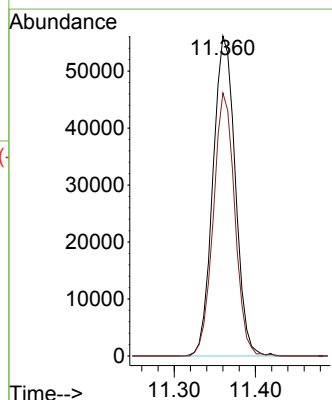
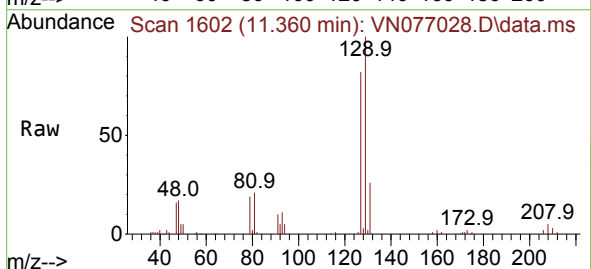
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

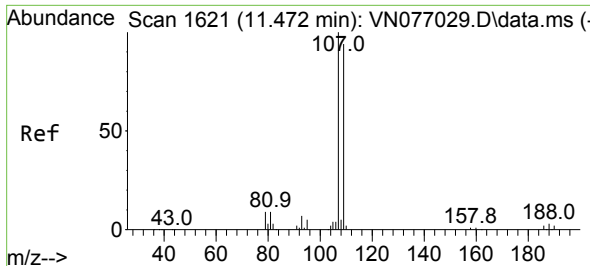
Tgt Ion: 43 Resp: 583646
Ion Ratio Lower Upper
43 100
58 53.8 27.7 83.1



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

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

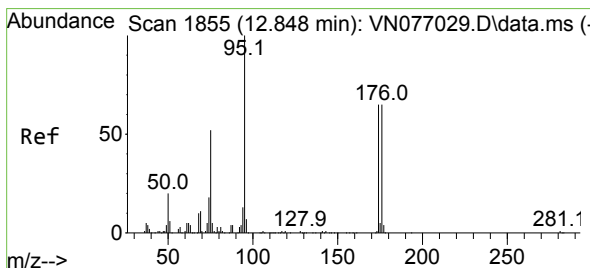
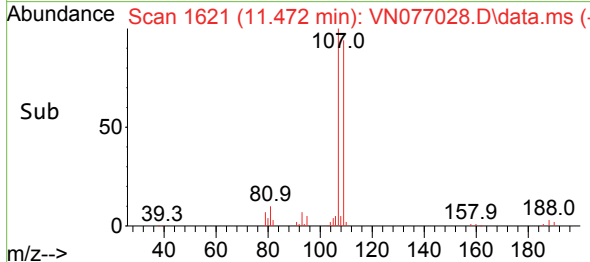
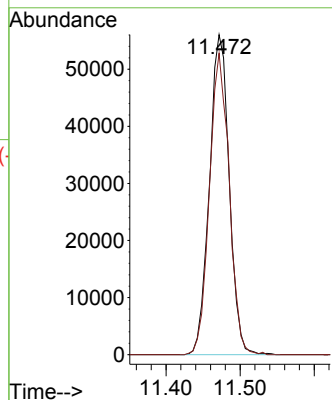
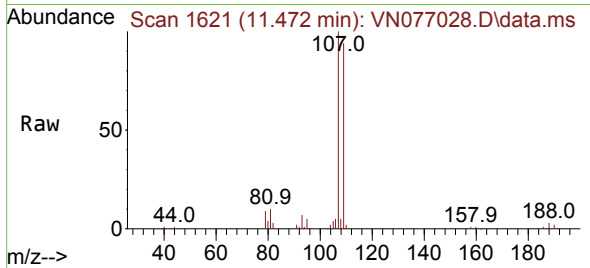




#61
1,2-Dibromoethane
Concen: 19.754 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

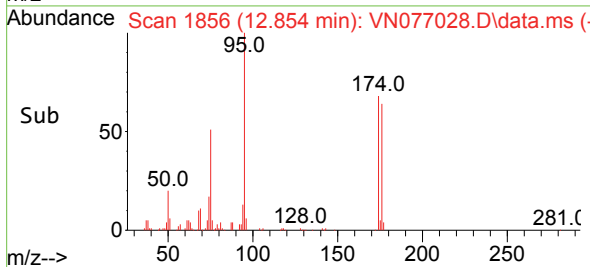
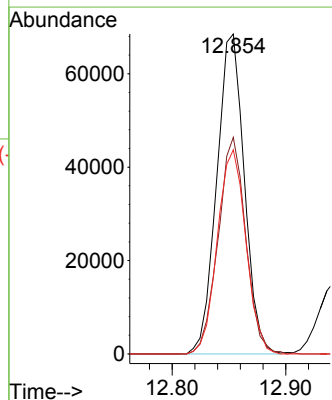
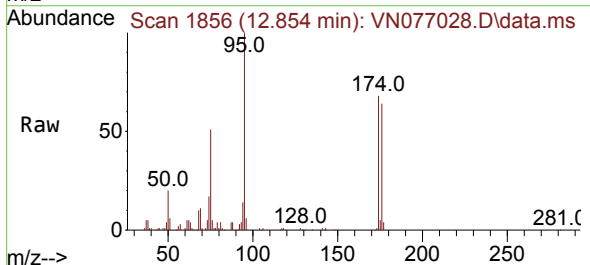
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

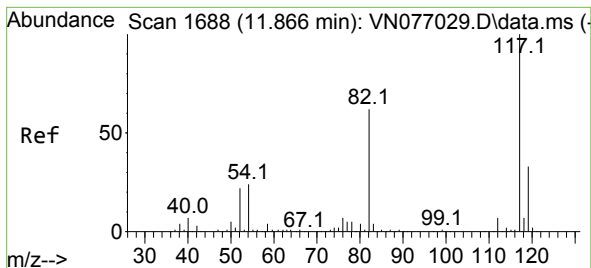
Tgt Ion:107 Resp: 103992
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4



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

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

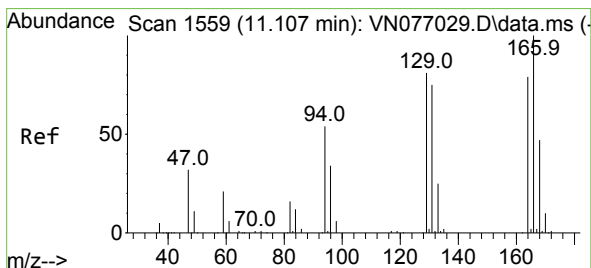
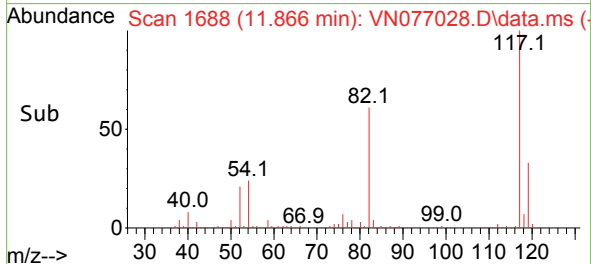
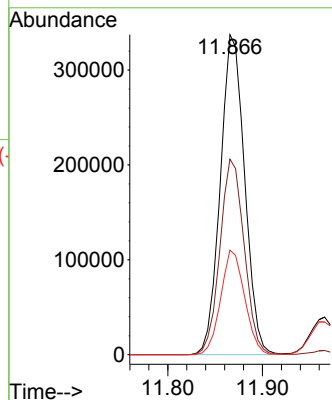
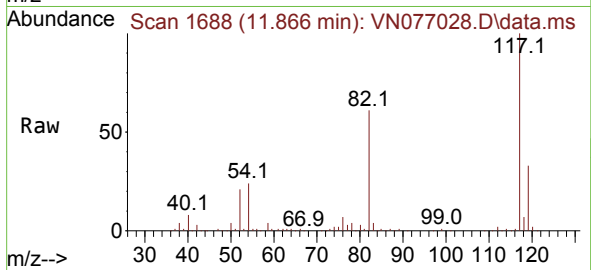




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

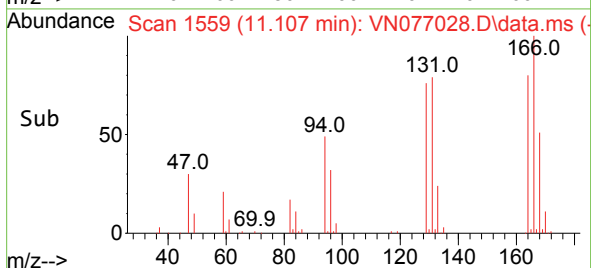
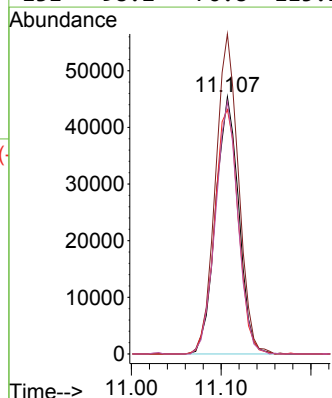
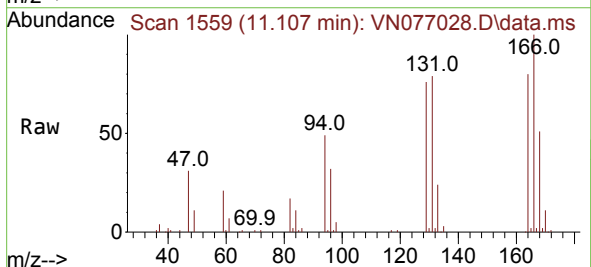
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

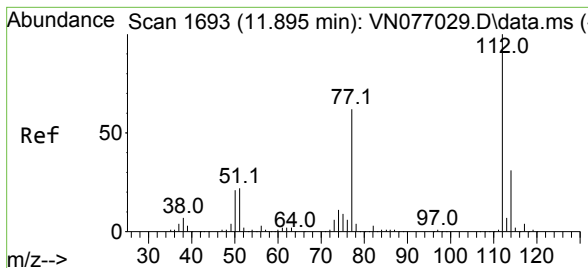
Tgt Ion:117 Resp: 603299
Ion Ratio Lower Upper
117 100
82 61.1 49.4 74.0
119 32.6 26.5 39.7



#64
Tetrachloroethene
Concen: 20.096 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

Tgt Ion:164 Resp: 81368
Ion Ratio Lower Upper
164 100
166 124.5 101.9 152.9
129 95.0 82.6 123.8
131 98.2 76.8 115.2

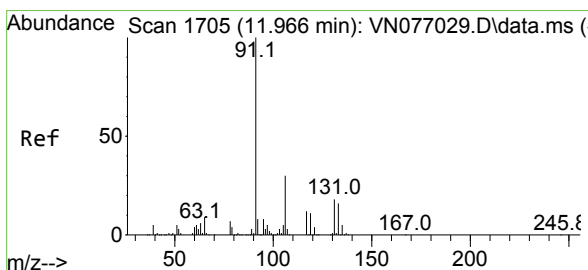
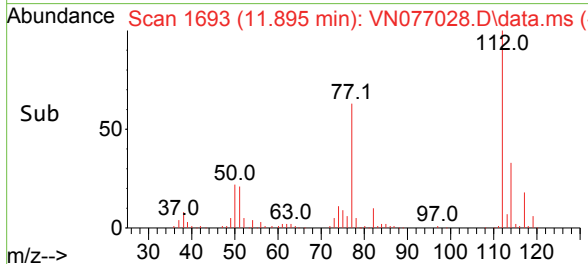
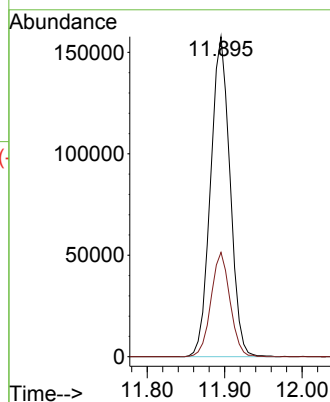
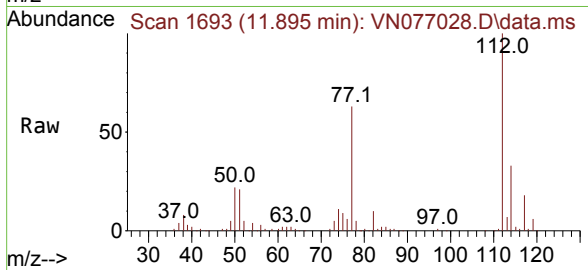




#65
Chlorobenzene
Concen: 19.763 ug/l
RT: 11.895 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

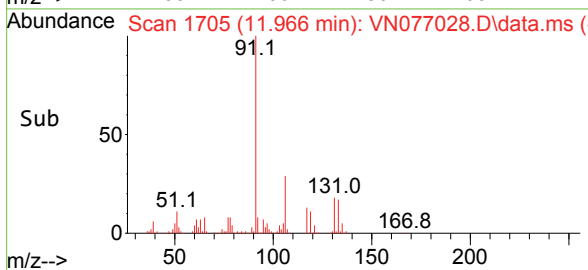
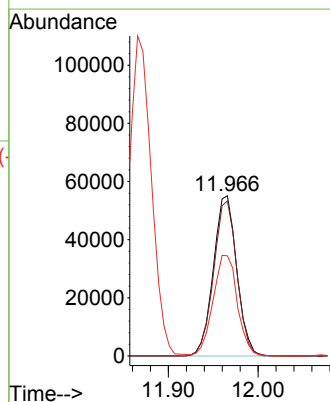
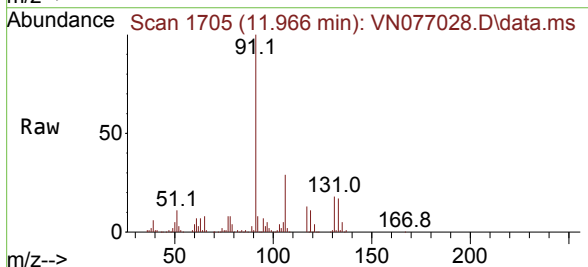
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

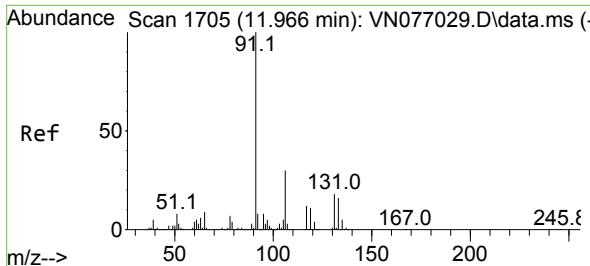
Tgt Ion:112 Resp: 274335
Ion Ratio Lower Upper
112 100
114 32.6 24.8 37.2



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

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

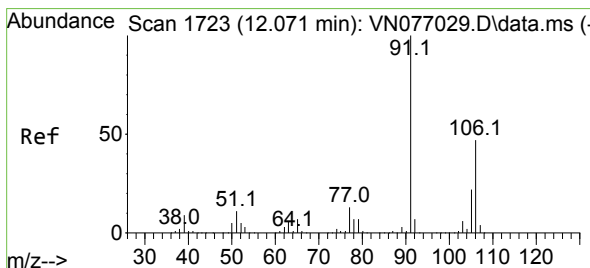
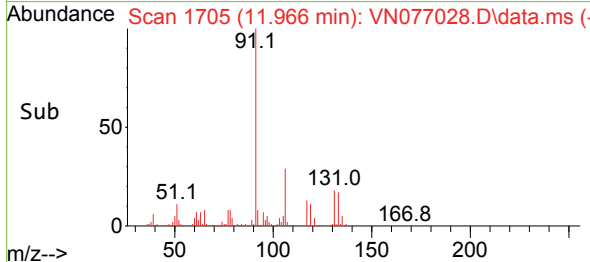
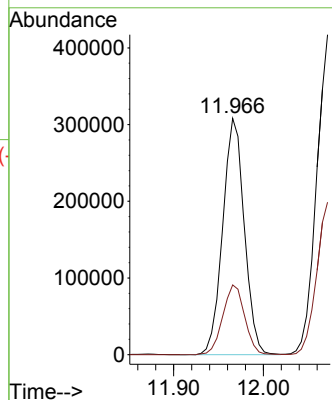
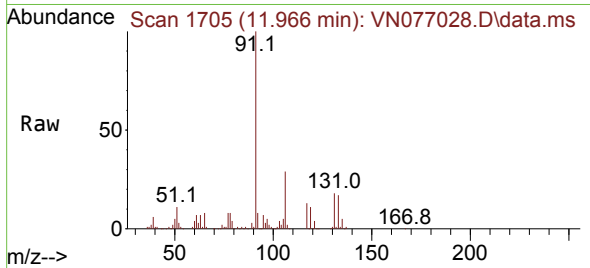




#67
Ethyl Benzene
Concen: 20.380 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

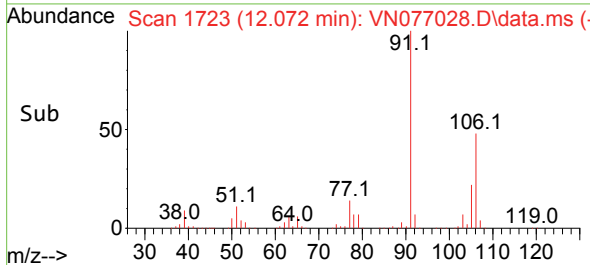
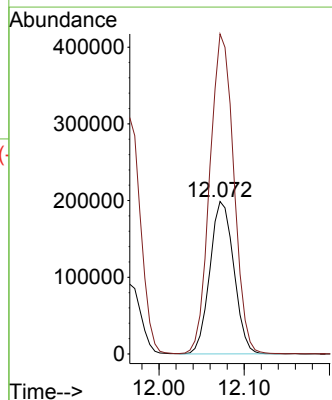
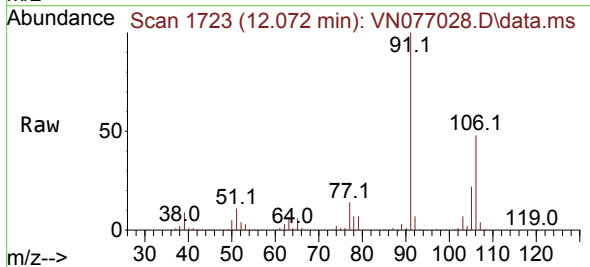
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

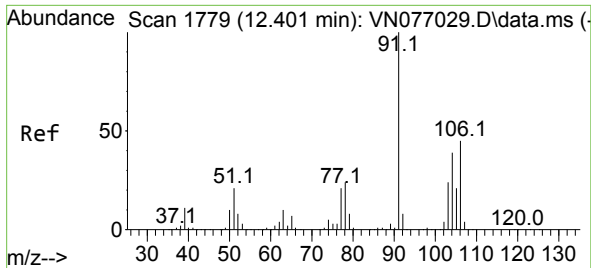
Tgt Ion: 91 Resp: 513841
Ion Ratio Lower Upper
91 100
106 29.5 24.3 36.5



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

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

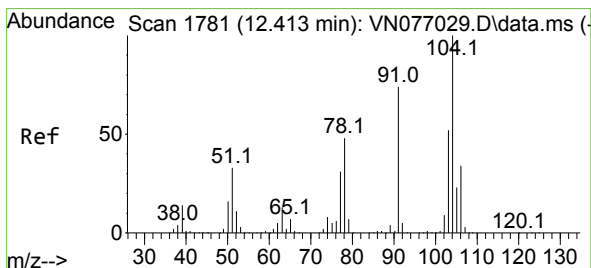
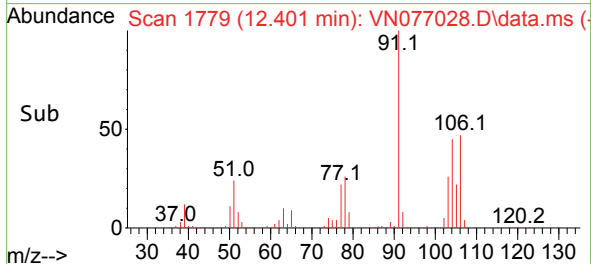
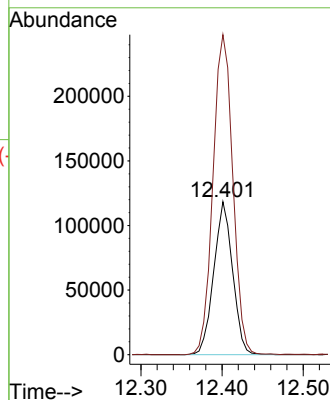
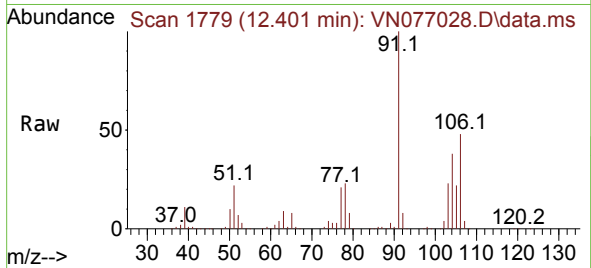




#69
o-Xylene
Concen: 20.572 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

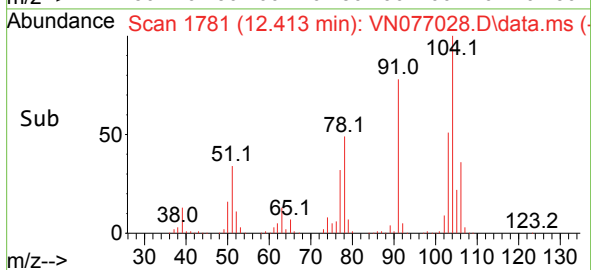
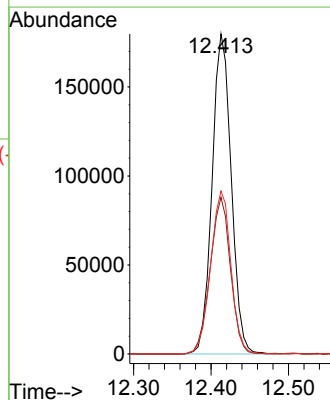
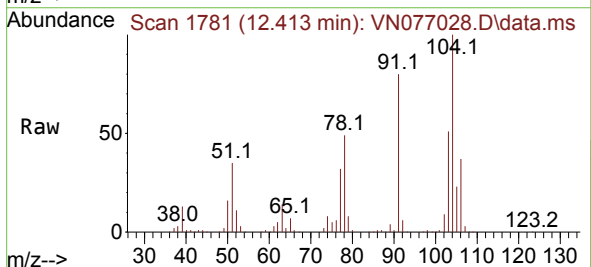
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

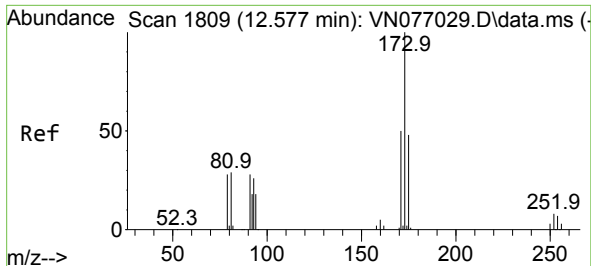
Tgt Ion:106 Resp: 191141
Ion Ratio Lower Upper
106 100
91 220.2 110.3 330.9



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

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

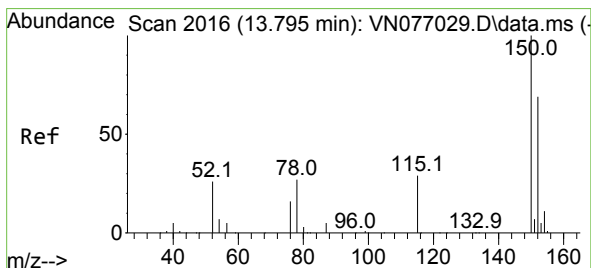
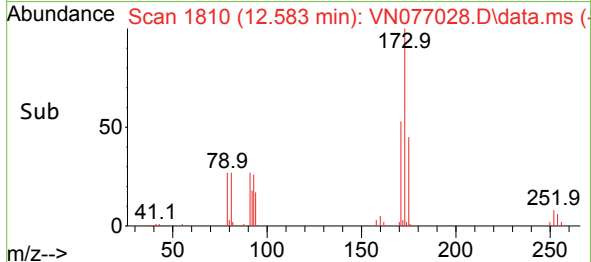
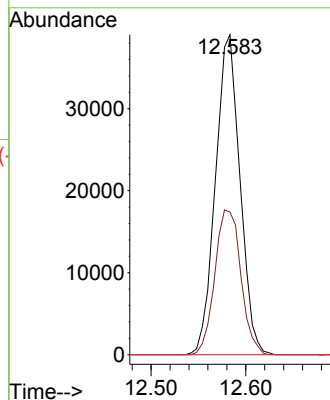
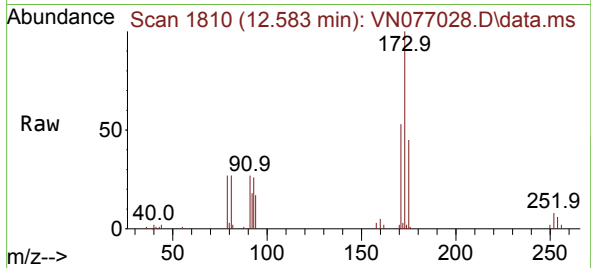




#71
Bromoform
Concen: 20.181 ug/l
RT: 12.583 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

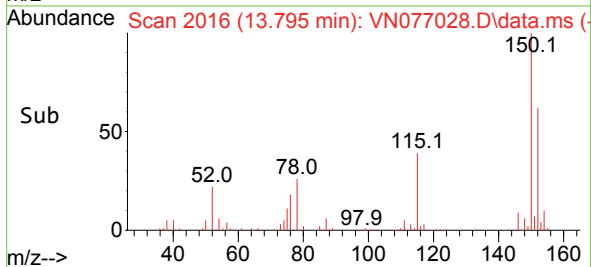
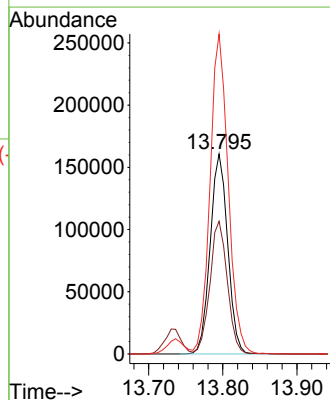
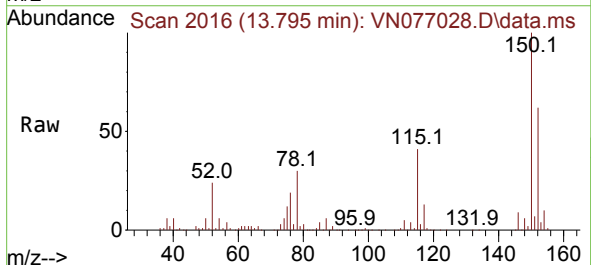
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

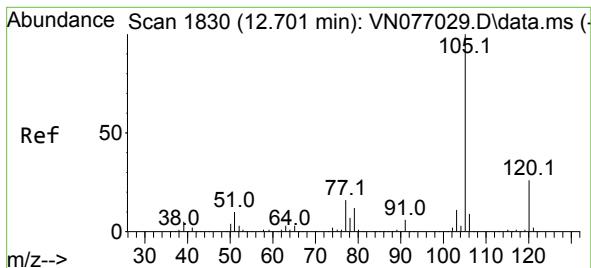
Tgt Ion:173 Resp: 70241
Ion Ratio Lower Upper
173 100
175 48.0 24.5 73.5
254 0.0 0.1 0.1#



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

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





#73

Isopropylbenzene

Concen: 20.868 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. 0.000 min

Lab File: VN077028.D

Acq: 17 Mar 2023 11:01

Instrument :

MSVOA_N

ClientSampleId :

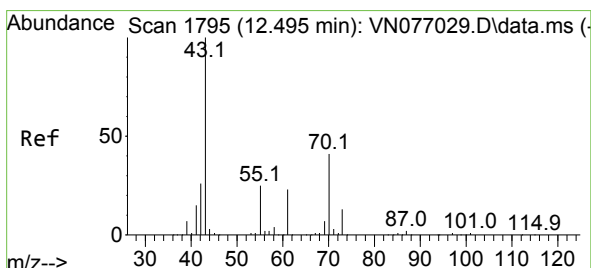
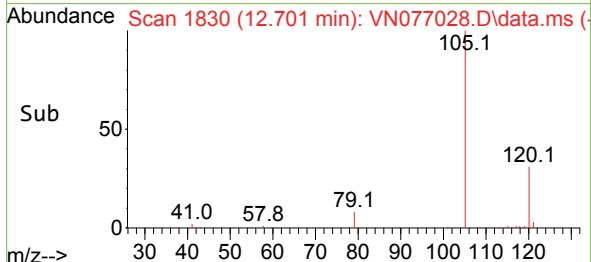
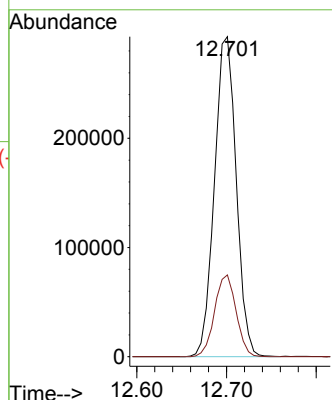
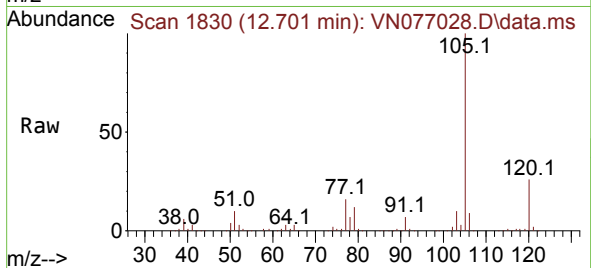
VSTDIC020

Tgt Ion:105 Resp: 493306

Ion Ratio Lower Upper

105 100

120 25.2 12.8 38.4



#74

N-ethyl acetate

Concen: 20.676 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VN077028.D

Acq: 17 Mar 2023 11:01

Tgt Ion: 43 Resp: 211562

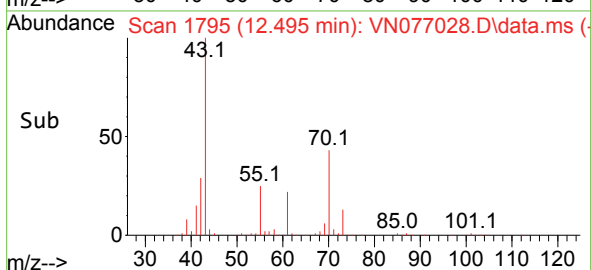
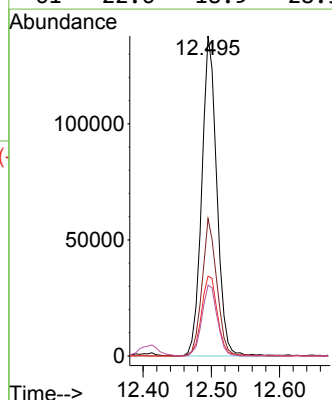
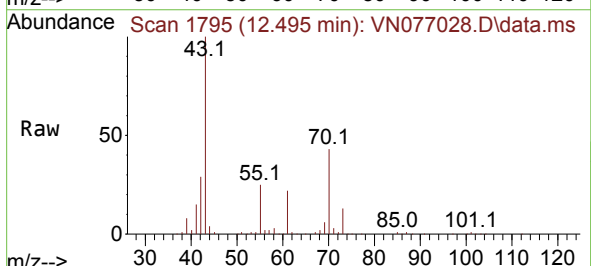
Ion Ratio Lower Upper

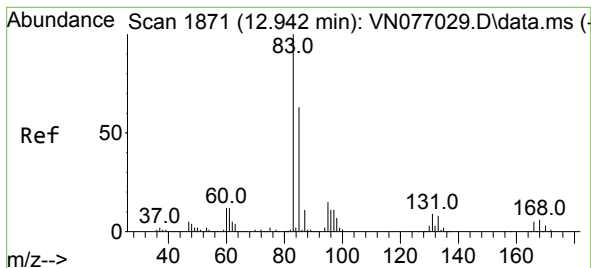
43 100

70 42.1 33.6 50.4

55 26.5 20.3 30.5

61 22.6 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.936 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN077028.D

Acq: 17 Mar 2023 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

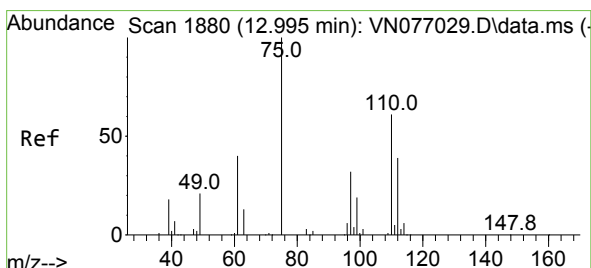
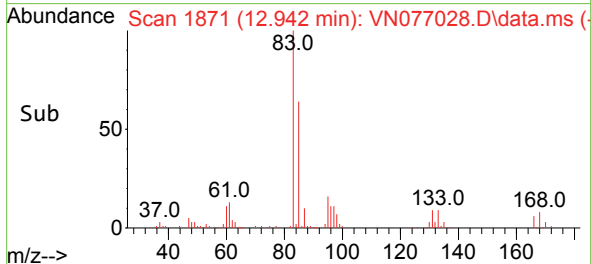
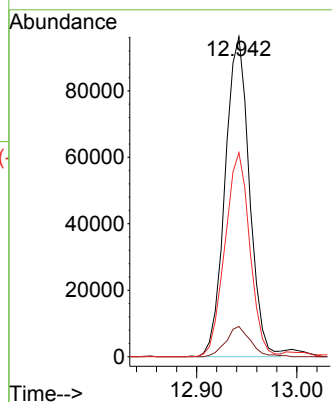
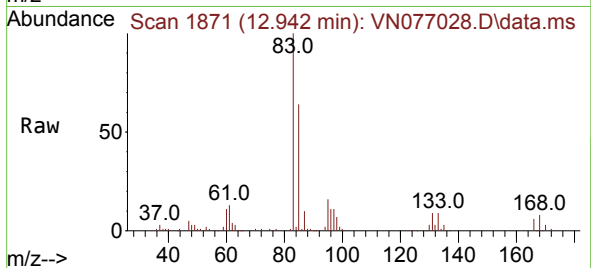
Tgt Ion: 83 Resp: 162175

Ion Ratio Lower Upper

83 100

131 9.5 4.5 13.7

85 65.3 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 29.614 ug/l

RT: 12.995 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VN077028.D

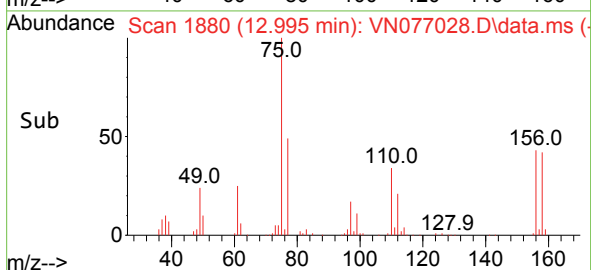
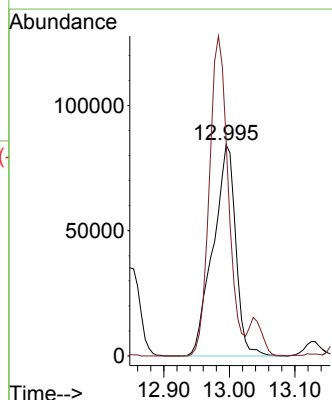
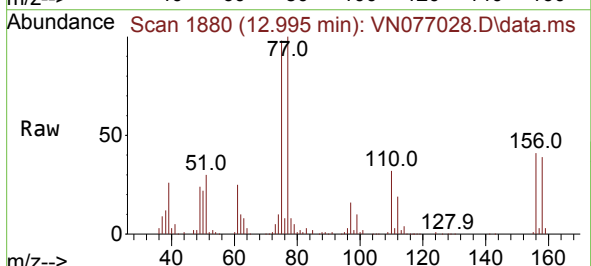
Acq: 17 Mar 2023 11:01

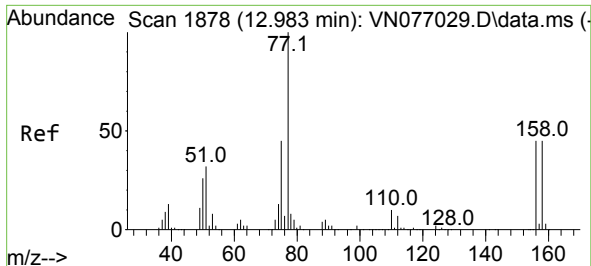
Tgt Ion: 75 Resp: 202086

Ion Ratio Lower Upper

75 100

77 126.7 107.3 322.0

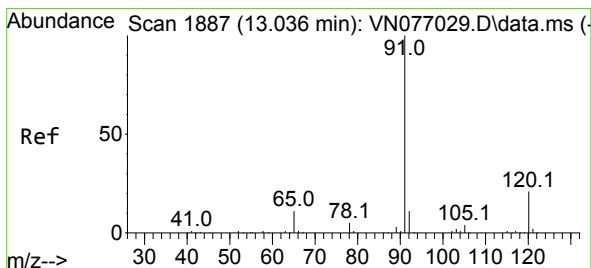
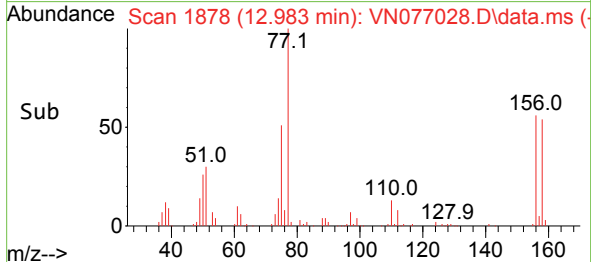
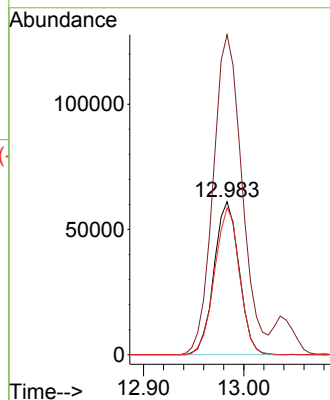
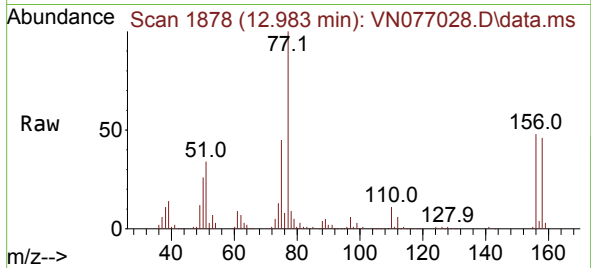




#77
Bromobenzene
Concen: 19.959 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

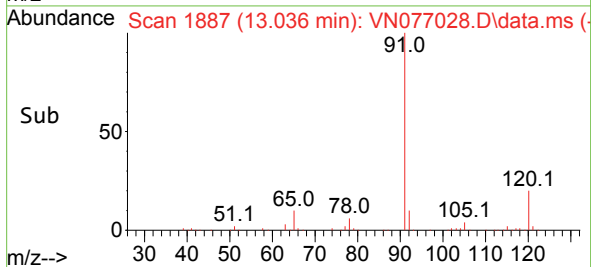
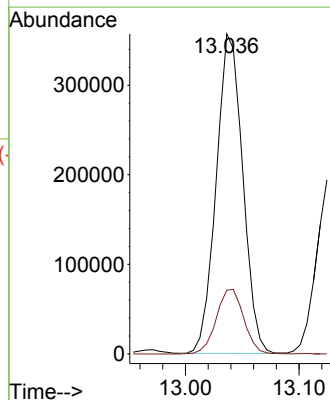
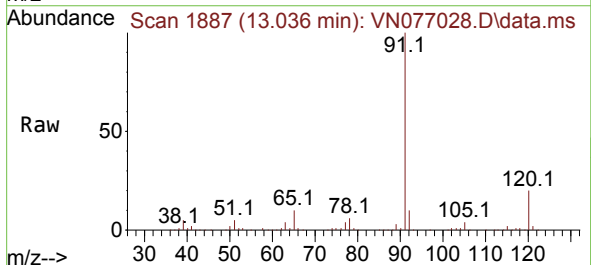
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

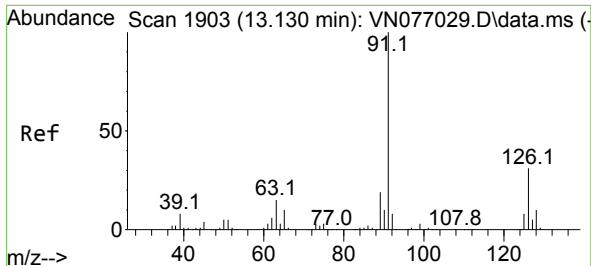
Tgt Ion:156 Resp: 105693
Ion Ratio Lower Upper
156 100
77 242.3 124.8 374.3
158 95.9 48.6 145.9



#78
n-propylbenzene
Concen: 21.219 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

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

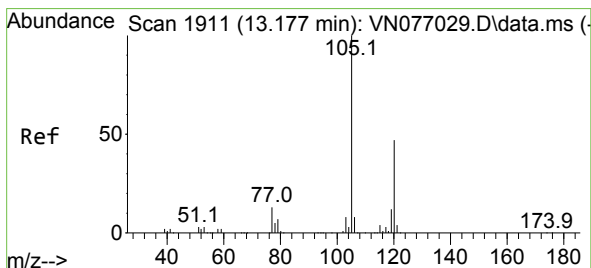
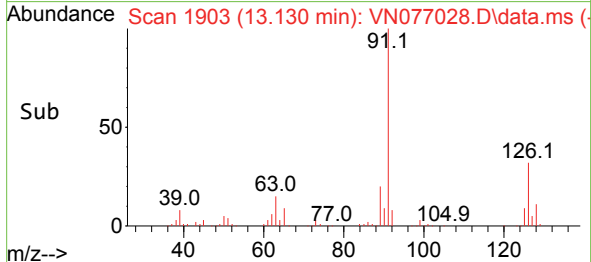
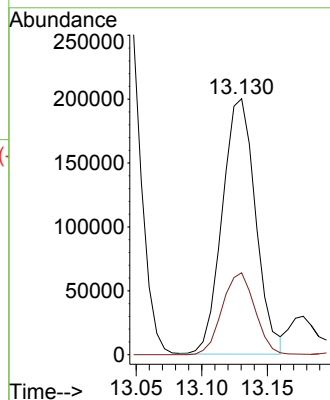
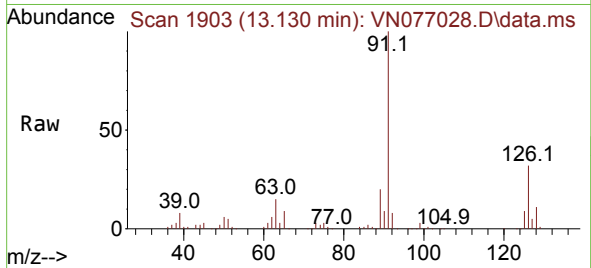




#79
2-Chlorotoluene
Concen: 20.373 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

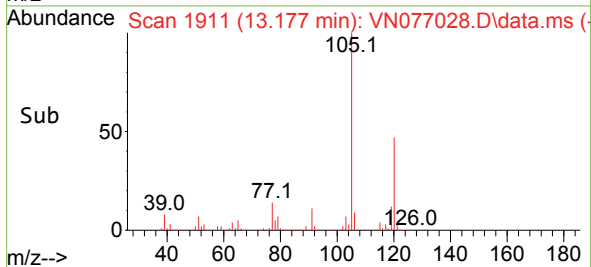
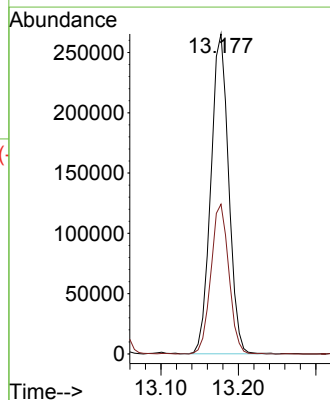
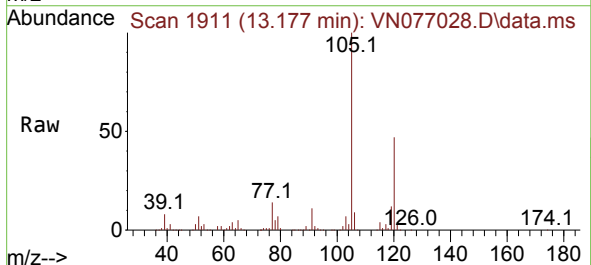
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

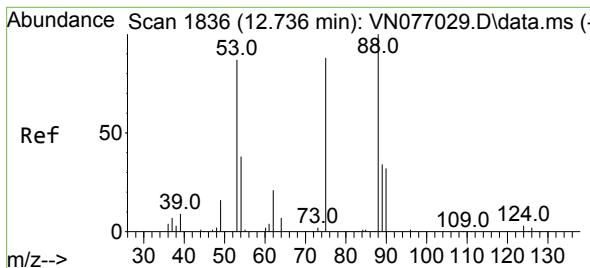
Tgt Ion: 91 Resp: 354265
Ion Ratio Lower Upper
91 100
126 31.5 15.2 45.5



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

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

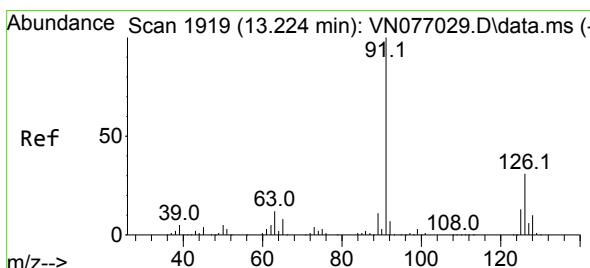
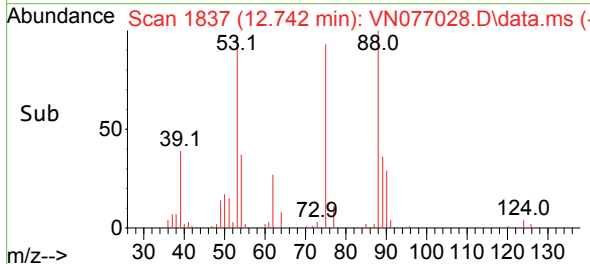
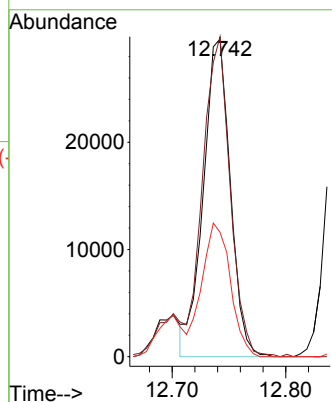
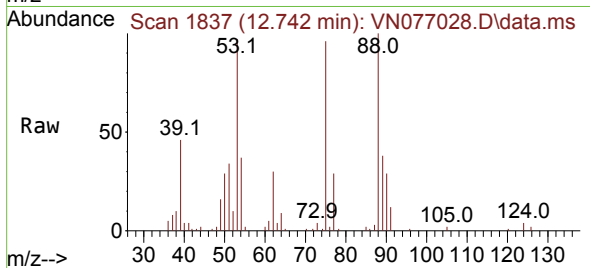




#81
trans-1,4-Dichloro-2-butene
Concen: 19.749 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

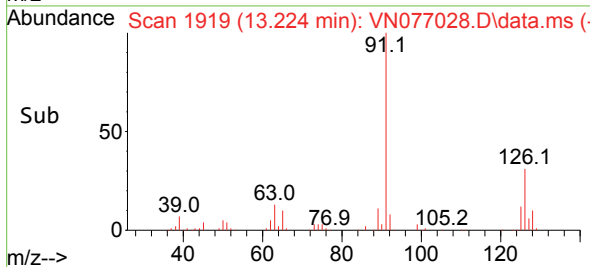
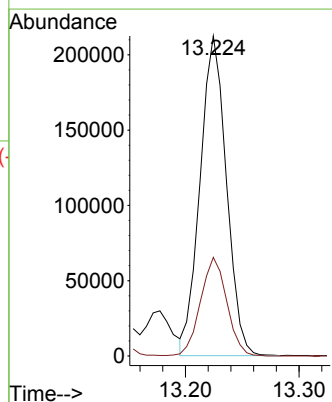
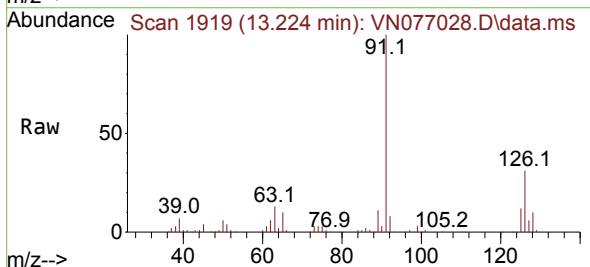
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

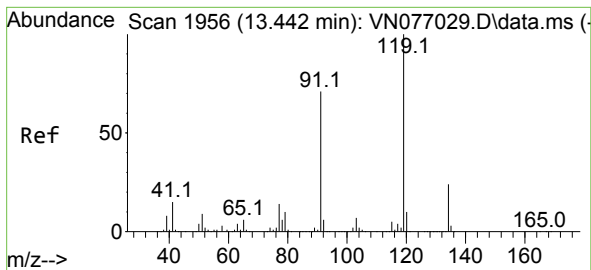
Tgt Ion: 75 Resp: 48955
Ion Ratio Lower Upper
75 100
53 114.8 80.8 121.2
89 44.4 34.2 51.4



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

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

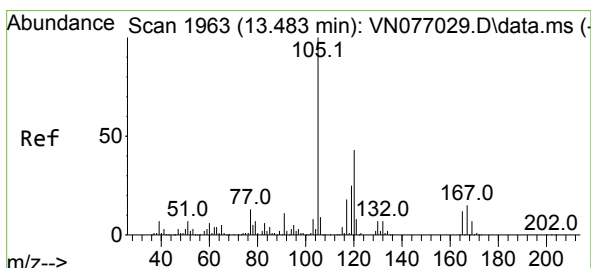
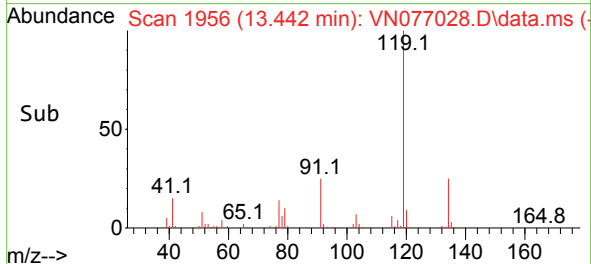
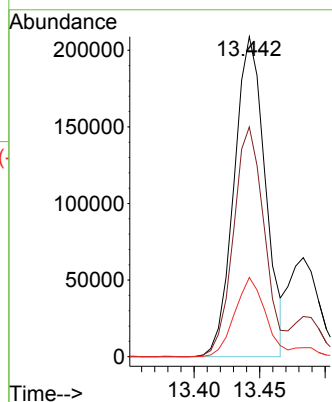
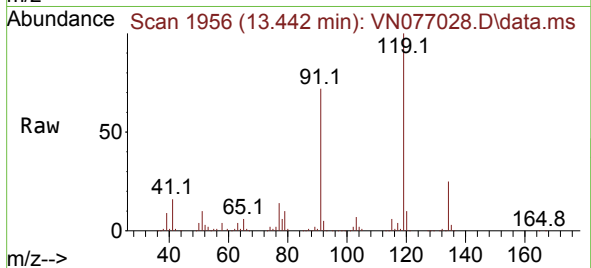




#83
tert-Butylbenzene
Concen: 20.891 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

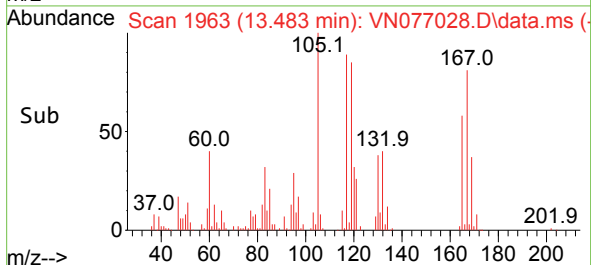
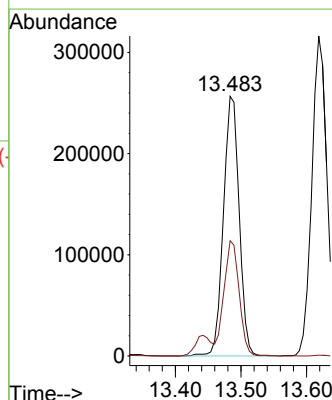
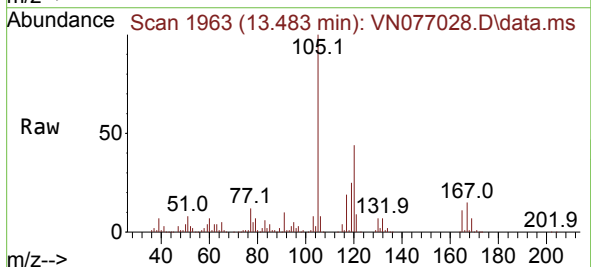
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

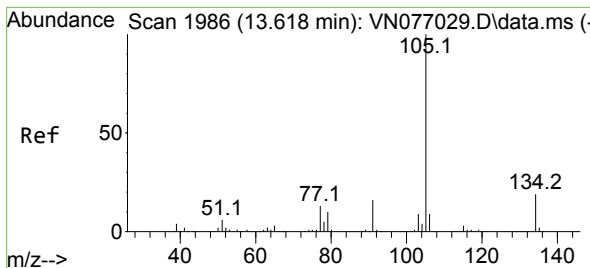
Tgt Ion:119 Resp: 346194
Ion Ratio Lower Upper
119 100
91 72.0 35.8 107.3
134 24.3 13.3 39.8



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

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





#85

sec-Butylbenzene

Concen: 21.489 ug/l

RT: 13.619 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN077028.D

Acq: 17 Mar 2023 11:01

Instrument :

MSVOA_N

ClientSampleId :

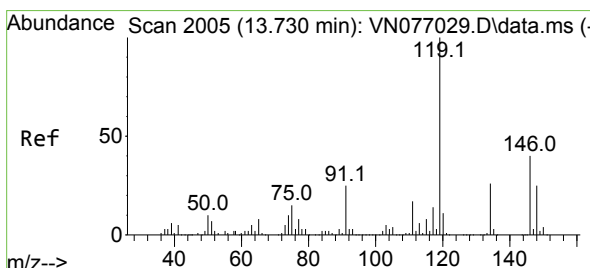
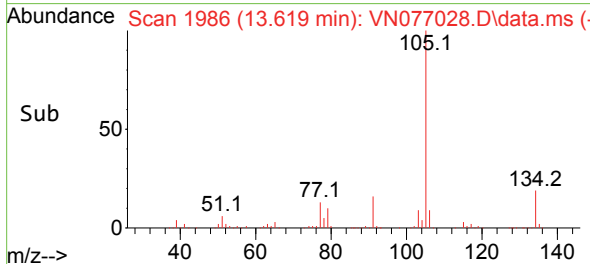
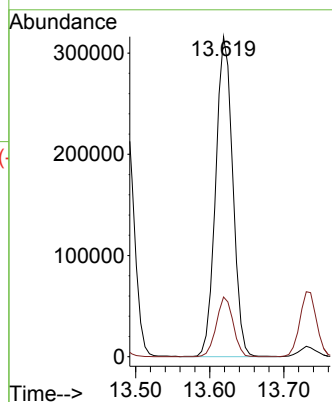
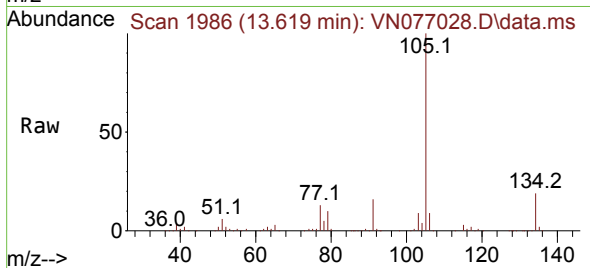
VSTDIC020

Tgt Ion:105 Resp: 506555

Ion Ratio Lower Upper

105 100

134 18.4 9.3 27.9



#86

p-Isopropyltoluene

Concen: 21.475 ug/l

RT: 13.730 min Scan# 2005

Delta R.T. 0.000 min

Lab File: VN077028.D

Acq: 17 Mar 2023 11:01

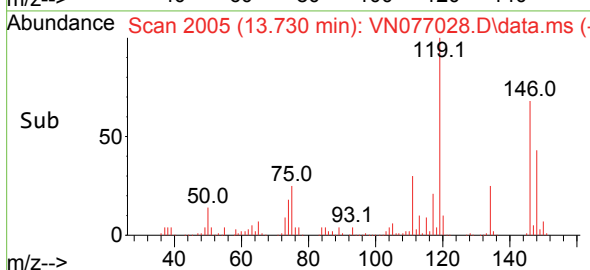
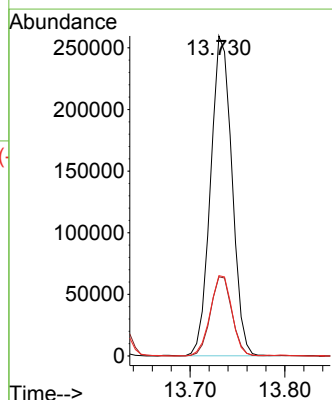
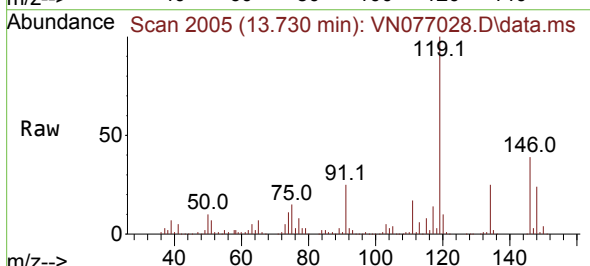
Tgt Ion:119 Resp: 406533

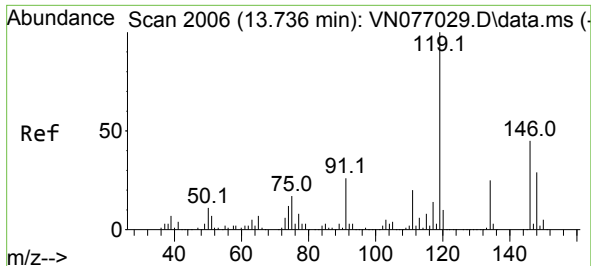
Ion Ratio Lower Upper

119 100

134 24.9 12.8 38.4

91 25.5 12.7 38.1

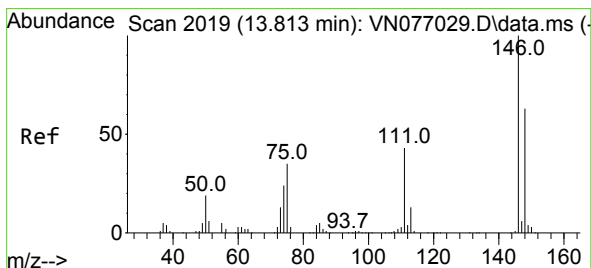
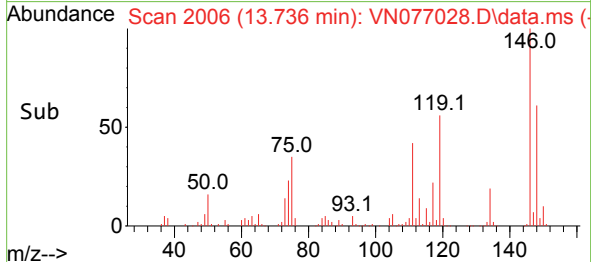
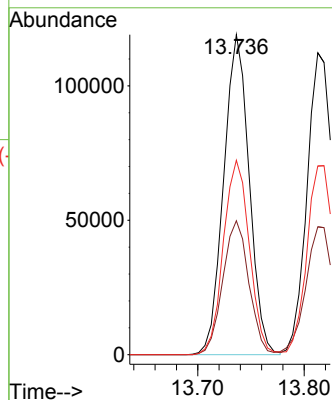
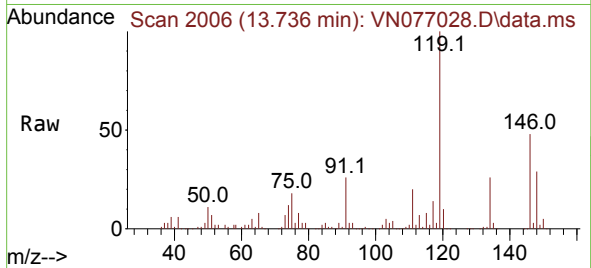




#87
 1,3-Dichlorobenzene
 Concen: 19.763 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VN077028.D
 Acq: 17 Mar 2023 11:01

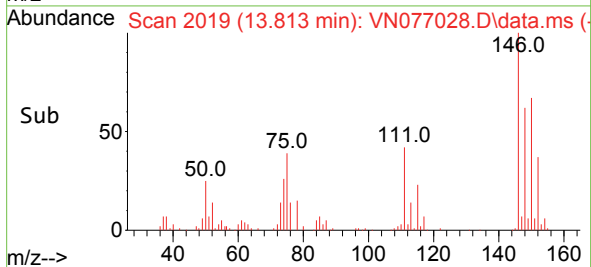
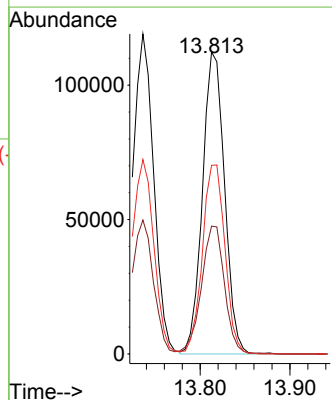
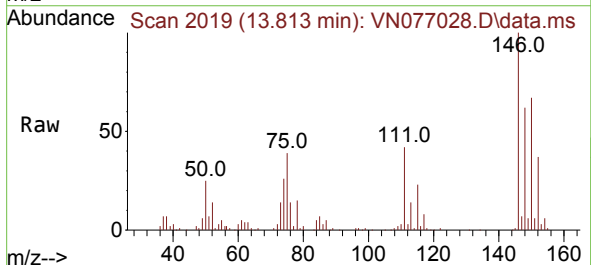
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

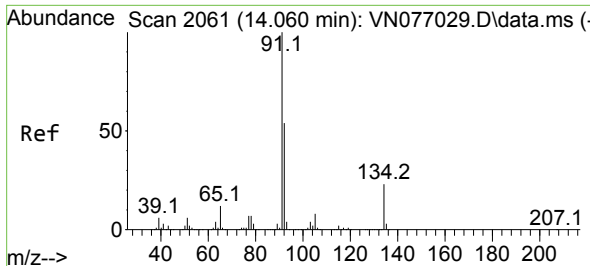
Tgt Ion:146 Resp: 197795
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.9 65.5
 148 62.1 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.278 ug/l
 RT: 13.813 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VN077028.D
 Acq: 17 Mar 2023 11:01

Tgt Ion:146 Resp: 191963
 Ion Ratio Lower Upper
 146 100
 111 44.6 21.5 64.5
 148 64.0 31.9 95.9

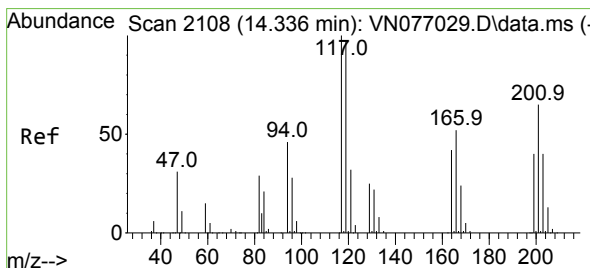
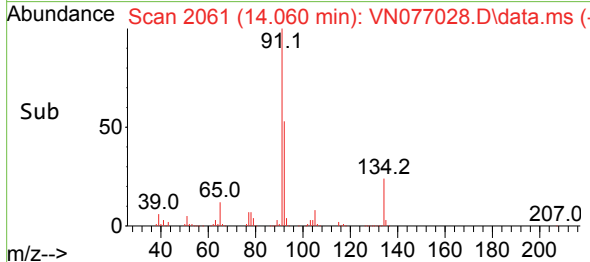
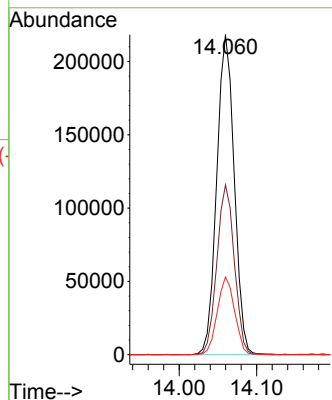
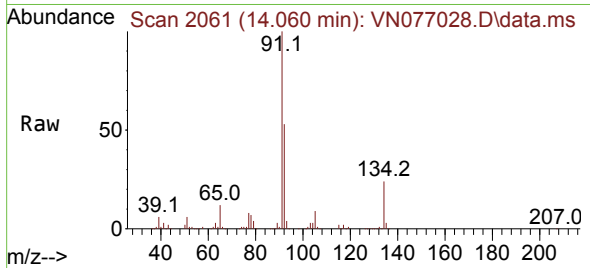




#89
n-Butylbenzene
Concen: 20.617 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

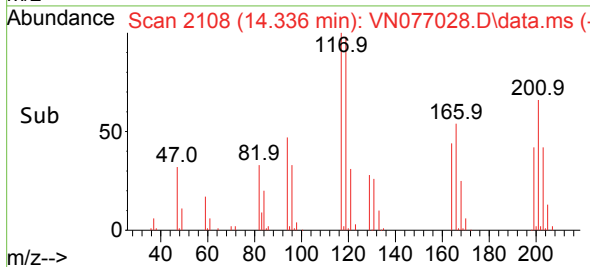
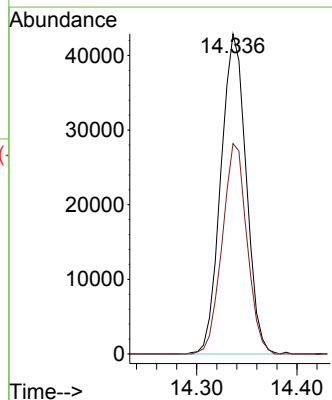
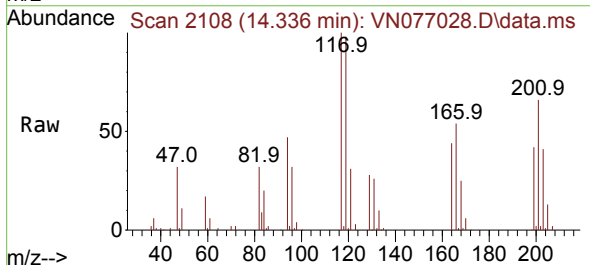
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

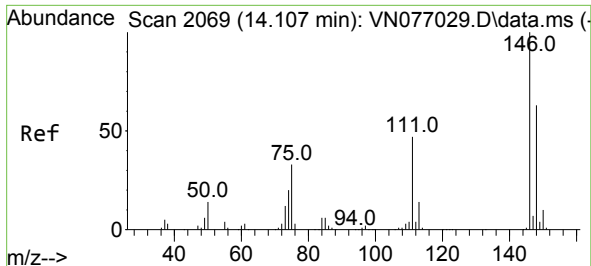
Tgt Ion: 91 Resp: 342384
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.5
134 24.1 11.7 35.1



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

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

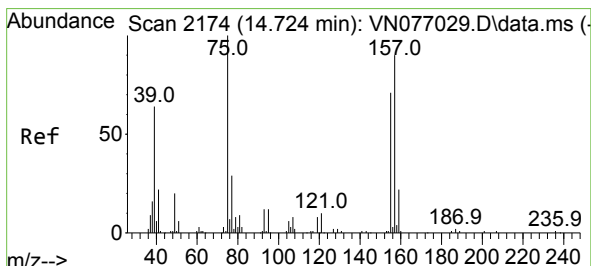
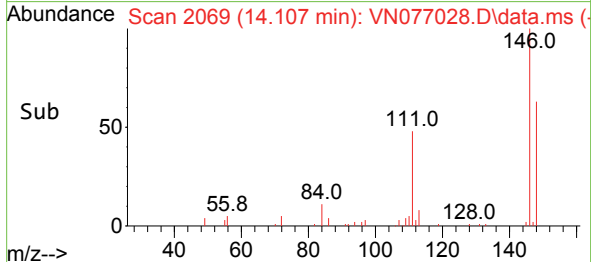
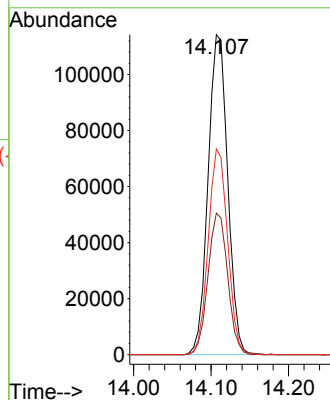
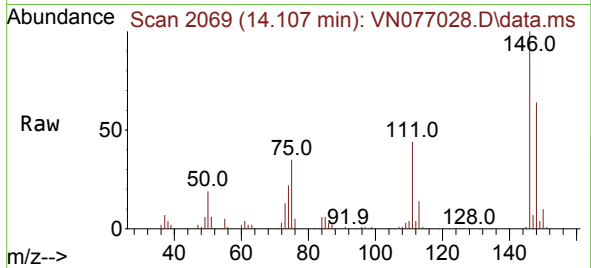




#91
1,2-Dichlorobenzene
Concen: 20.139 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

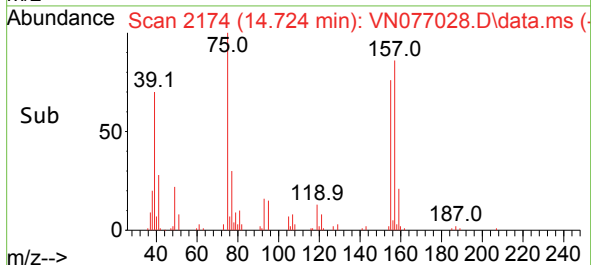
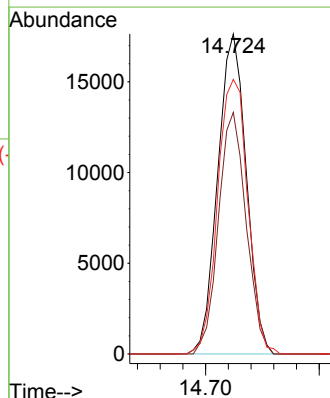
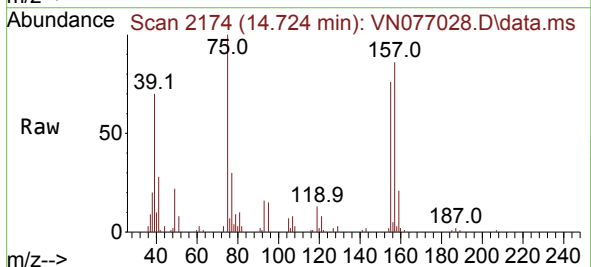
Instrument :
MSVOA_N
ClientSampleId :
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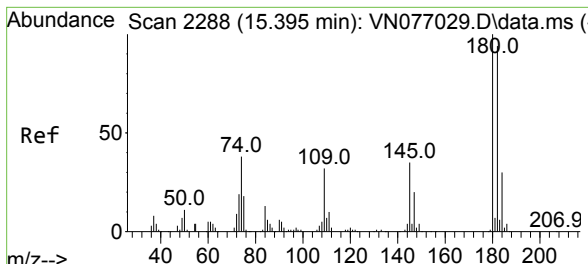
Tgt Ion:146 Resp: 200910
Ion Ratio Lower Upper
146 100
111 44.4 22.6 67.7
148 63.4 31.6 95.0



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

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

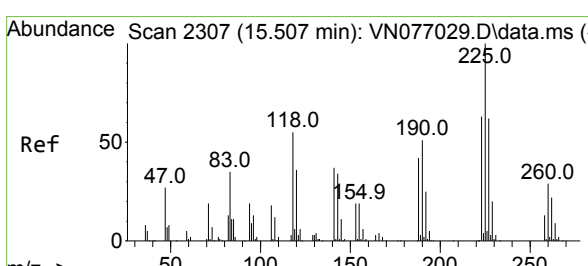
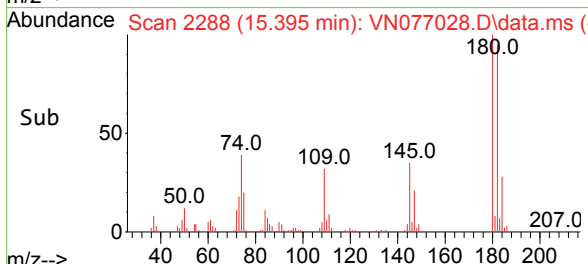
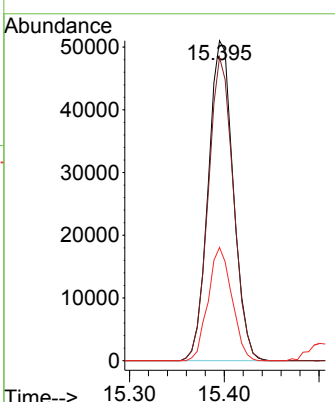
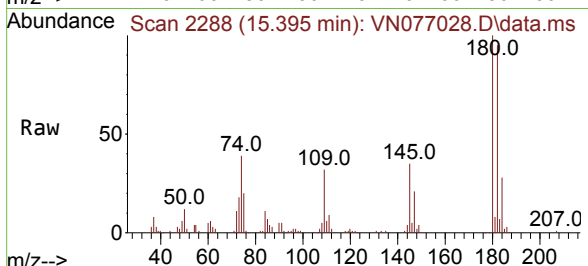




#93
 1,2,4-Trichlorobenzene
 Concen: 20.780 ug/l
 RT: 15.395 min Scan# 2288
 Delta R.T. 0.000 min
 Lab File: VN077028.D
 Acq: 17 Mar 2023 11:01

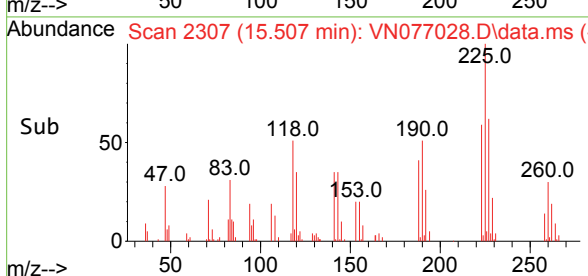
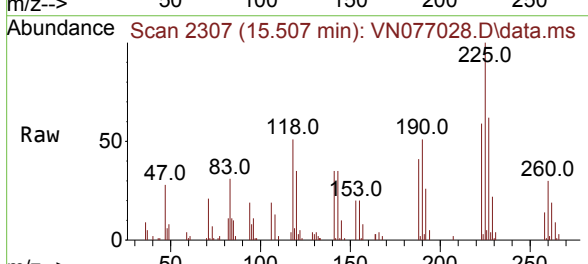
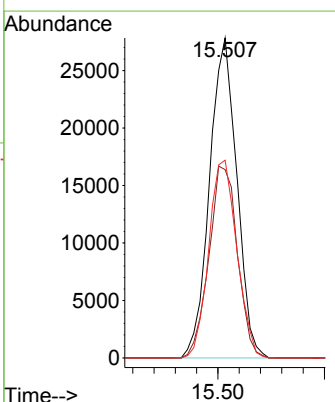
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

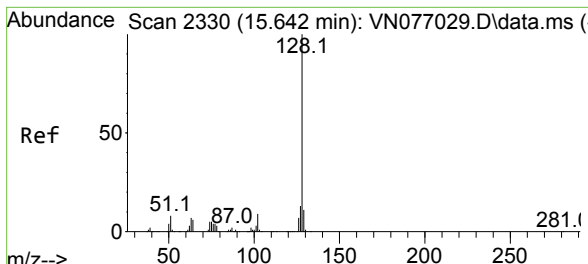
Tgt Ion:	180	Resp:	93716
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.3	141.9
145	33.6	16.9	50.7



#94
 Hexachlorobutadiene
 Concen: 19.891 ug/l
 RT: 15.507 min Scan# 2307
 Delta R.T. 0.000 min
 Lab File: VN077028.D
 Acq: 17 Mar 2023 11:01

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

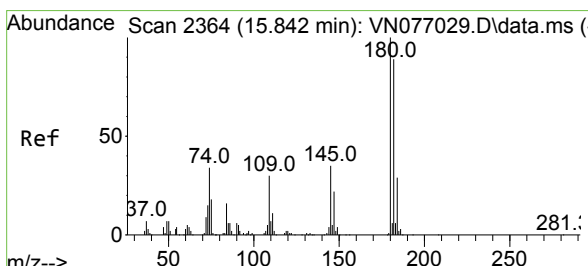
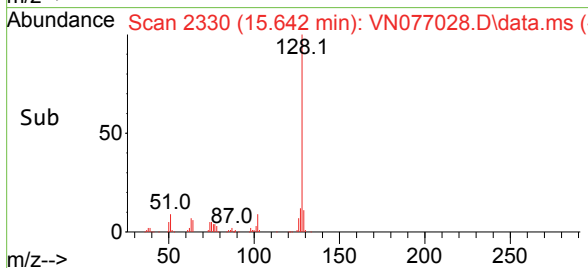
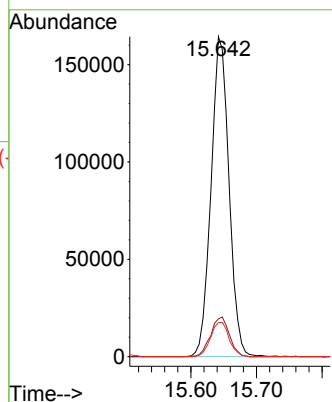
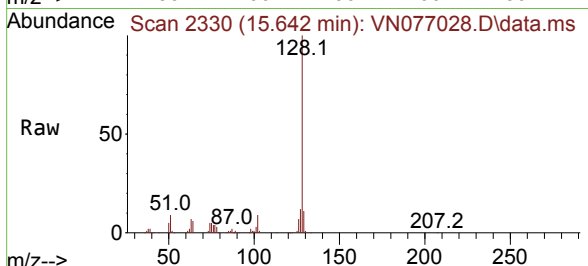




#95
Naphthalene
Concen: 19.041 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN077028.D
Acq: 17 Mar 2023 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:	128	Resp:	312145
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.0	15.0
129	11.1	8.6	13.0



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

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

