

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100623\
 Data File : VN079438.D
 Acq On : 06 Oct 2023 11:29
 Operator : JC\MD
 Sample : VN1006WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 06 23:01:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	235210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	410431	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	376346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	152130	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	192136	50.380	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.760%	
35) Dibromofluoromethane	8.171	113	148924	50.491	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.980%	
50) Toluene-d8	10.571	98	563069	52.760	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.520%	
62) 4-Bromofluorobenzene	12.853	95	175699	51.300	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.600%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	64123	19.025	ug/l	100
3) Chloromethane	2.365	50	77103	18.334	ug/l	100
4) Vinyl Chloride	2.518	62	82157	18.781	ug/l	97
5) Bromomethane	2.953	94	49145	18.767	ug/l	100
6) Chloroethane	3.124	64	55915	16.955	ug/l	97
7) Trichlorofluoromethane	3.495	101	95193	18.431	ug/l	100
8) Diethyl Ether	3.965	74	32492	17.647	ug/l	59
9) 1,1,2-Trichlorotrifluo...	4.371	101	52386	17.357	ug/l	99
10) Methyl Iodide	4.589	142	50612	19.325	ug/l	100
11) Tert butyl alcohol	5.536	59	50122	87.321	ug/l	99
12) 1,1-Dichloroethene	4.342	96	48923	17.604	ug/l	93
13) Acrolein	4.177	56	47126	82.454	ug/l	94
14) Allyl chloride	5.024	41	75044	16.733	ug/l	90
15) Acrylonitrile	5.724	53	157205	94.468	ug/l	98
16) Acetone	4.430	43	148416	98.116	ug/l	96
17) Carbon Disulfide	4.712	76	151094	17.430	ug/l	98
18) Methyl Acetate	5.030	43	127369	17.203	ug/l #	83
19) Methyl tert-butyl Ether	5.794	73	168604	18.672	ug/l	97
20) Methylene Chloride	5.277	84	62842	18.593	ug/l #	81
21) trans-1,2-Dichloroethene	5.789	96	55563	17.118	ug/l #	83
22) Diisopropyl ether	6.683	45	191441	19.037	ug/l #	92
23) Vinyl Acetate	6.612	43	537940	95.099	ug/l #	85
24) 1,1-Dichloroethane	6.565	63	113623	18.462	ug/l	98
25) 2-Butanone	7.488	43	206620	92.031	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	86802	18.455	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	64489	18.289	ug/l	85
28) Bromochloromethane	7.818	49	60273	20.583	ug/l #	74
29) Tetrahydrofuran	7.841	42	133270	91.783	ug/l #	77
30) Chloroform	7.965	83	113309	18.222	ug/l	90
31) Cyclohexane	8.259	56	95063	17.573	ug/l #	83
32) 1,1,1-Trichloroethane	8.177	97	92946	17.761	ug/l	94
36) 1,1-Dichloropropene	8.377	75	82527	18.643	ug/l	94
37) Ethyl Acetate	7.565	43	87934	19.963	ug/l #	87
38) Carbon Tetrachloride	8.365	117	82078	18.521	ug/l	98
39) Methylcyclohexane	9.606	83	78820	18.532	ug/l	89
40) Benzene	8.612	78	252015	19.169	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	44692	19.299	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	89447	18.724	ug/l	100
43) Isopropyl Acetate	8.694	43	135903	17.611	ug/l #	89
44) Trichloroethene	9.359	130	56738	18.336	ug/l	97
45) 1,2-Dichloropropane	9.624	63	67357	19.446	ug/l	99
46) Dibromomethane	9.718	93	44098	19.657	ug/l	96
47) Bromodichloromethane	9.894	83	89231	19.336	ug/l	96
48) Methyl methacrylate	9.688	41	59255	17.919	ug/l #	85
49) 1,4-Dioxane	9.700	88	25298	415.323	ug/l #	86
51) 4-Methyl-2-Pentanone	10.453	43	431290	99.004	ug/l	88
52) Toluene	10.635	92	153678	19.858	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	87894	18.900	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	97585	19.168	ug/l #	86
55) 1,1,2-Trichloroethane	11.023	97	59360	19.106	ug/l	98
56) Ethyl methacrylate	10.882	69	82573	19.342	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	106941	19.934	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	179718	109.923	ug/l #	87
59) 2-Hexanone	11.200	43	310569	98.797	ug/l	87
60) Dibromochloromethane	11.365	129	60074	19.239	ug/l	97
61) 1,2-Dibromoethane	11.476	107	59752	19.380	ug/l	96
64) Tetrachloroethene	11.106	164	46804	18.078	ug/l	97
65) Chlorobenzene	11.894	112	153314	18.292	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	56686	18.472	ug/l	99
67) Ethyl Benzene	11.970	91	270070	18.539	ug/l	95
68) m/p-Xylenes	12.076	106	203288	38.406	ug/l	95
69) o-Xylene	12.406	106	95807	18.405	ug/l	94
70) Styrene	12.417	104	155715	18.938	ug/l	95
71) Bromoform	12.582	173	40285	17.937	ug/l #	97
73) Isopropylbenzene	12.700	105	243825	17.228	ug/l	100
74) N-amyl acetate	12.500	43	103940	17.914	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	90278	19.009	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	105914	24.146	ug/l	69
77) Bromobenzene	12.988	156	57139	16.465	ug/l	92
78) n-propylbenzene	13.041	91	292421	18.262	ug/l	96
79) 2-Chlorotoluene	13.129	91	177118	17.285	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	209351	18.758	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	27967	18.500	ug/l	87
82) 4-Chlorotoluene	13.223	91	174831	17.931	ug/l	98
83) tert-Butylbenzene	13.441	119	164550	17.996	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	202390	19.002	ug/l	100
85) sec-Butylbenzene	13.617	105	227622	17.847	ug/l	99
86) p-Isopropyltoluene	13.735	119	181380	18.538	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	99605	18.096	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	97977	17.239	ug/l	99
89) n-Butylbenzene	14.059	91	140277	17.954	ug/l	97
90) Hexachloroethane	14.341	117	36716	17.811	ug/l	84
91) 1,2-Dichlorobenzene	14.111	146	96158	17.910	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14060	17.180	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	30294	18.218	ug/l	96
94) Hexachlorobutadiene	15.506	225	24854	19.191	ug/l	98
95) Naphthalene	15.647	128	75841	14.936	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	34925	17.600	ug/l	97

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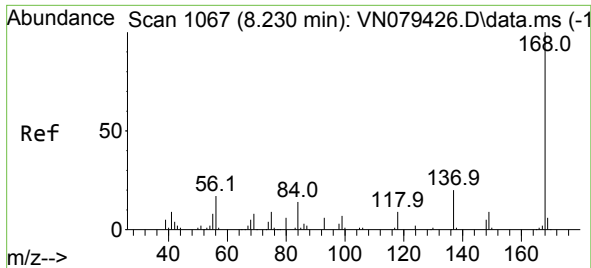
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

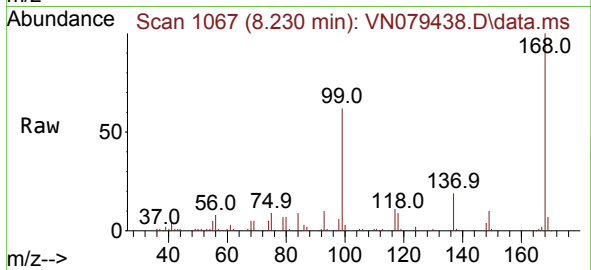
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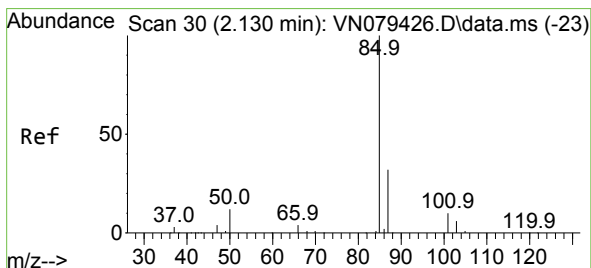
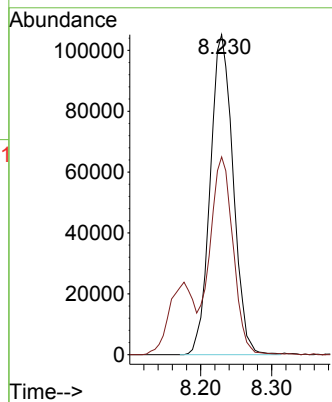
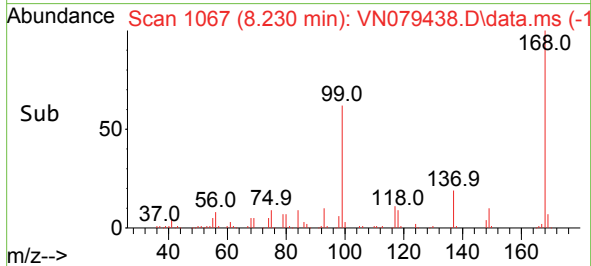


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079438.D
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MSVOA_N
ClientSampleId :

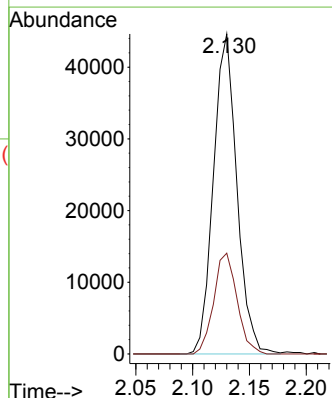
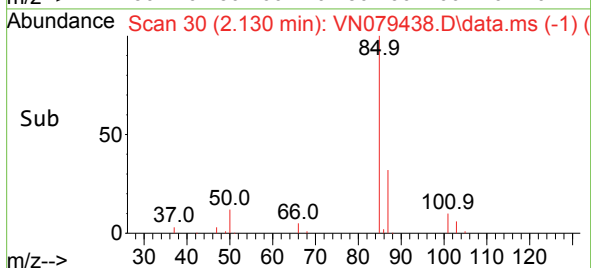
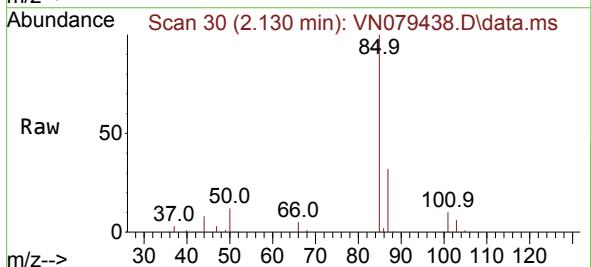


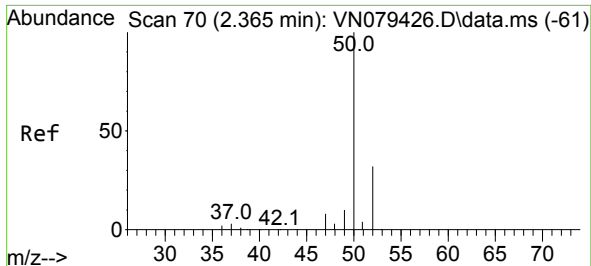
Tgt Ion:168 Resp: 235210
Ion Ratio Lower Upper
168 100
99 61.4 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 19.025 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

Tgt Ion: 85 Resp: 64123
Ion Ratio Lower Upper
85 100
87 31.5 15.8 47.4

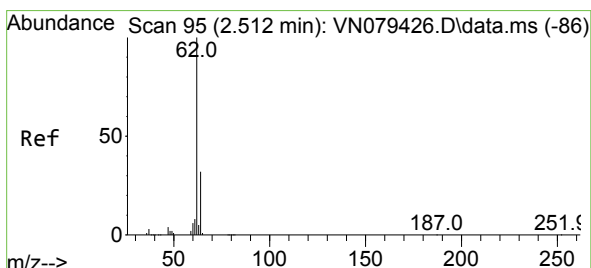
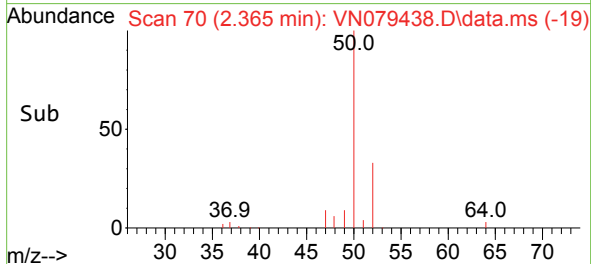
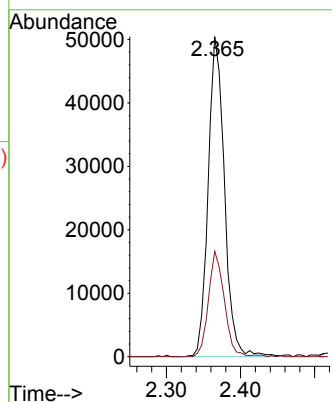
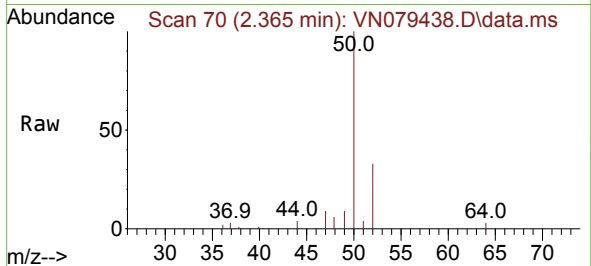




#3
Chloromethane
Concen: 18.334 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

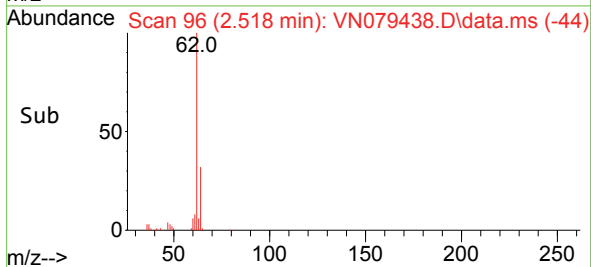
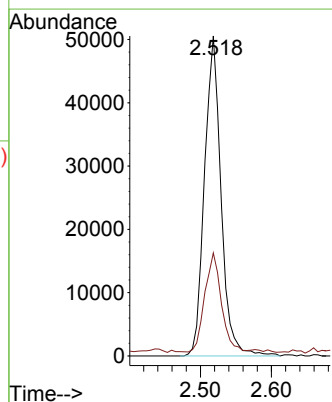
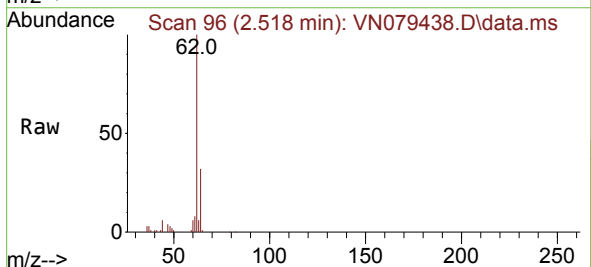
Instrument :
MSVOA_N
ClientSampleId :

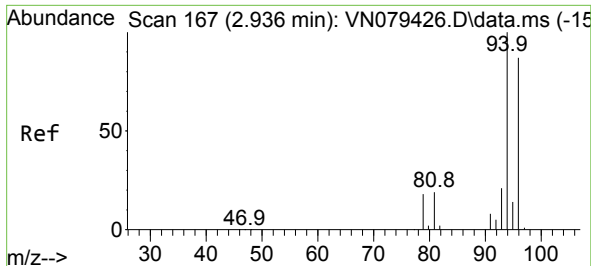
Tgt Ion: 50 Resp: 77103
Ion Ratio Lower Upper
50 100
52 32.9 26.5 39.7



#4
Vinyl Chloride
Concen: 18.781 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

Tgt Ion: 62 Resp: 82157
Ion Ratio Lower Upper
62 100
64 31.0 26.2 39.2





#5

Bromomethane

Concen: 18.767 ug/l

RT: 2.953 min Scan# 1

Delta R.T. 0.018 min

Lab File: VN079438.D

Acq: 06 Oct 2023 11:29

Instrument :

MSVOA_N

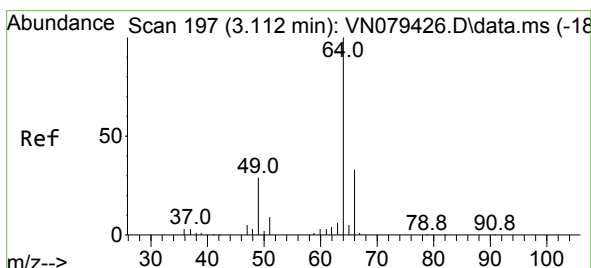
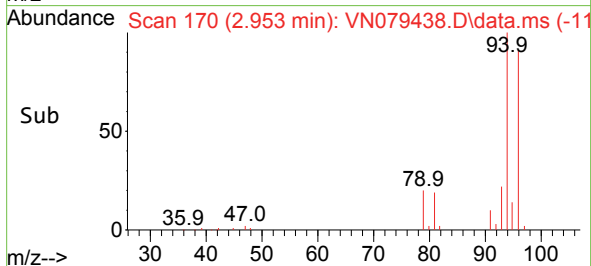
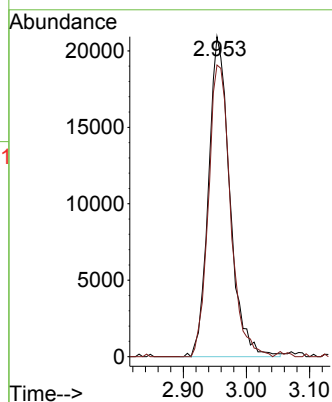
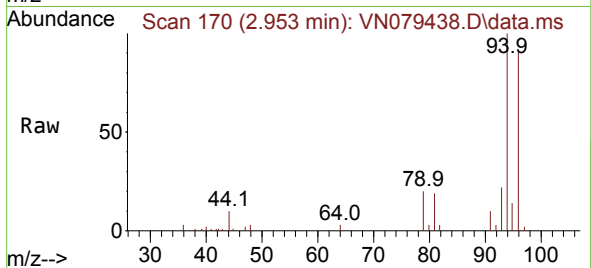
ClientSampleId :

Tgt Ion: 94 Resp: 49145

Ion Ratio Lower Upper

94 100

96 91.1 73.1 109.7



#6

Chloroethane

Concen: 16.955 ug/l

RT: 3.124 min Scan# 199

Delta R.T. 0.012 min

Lab File: VN079438.D

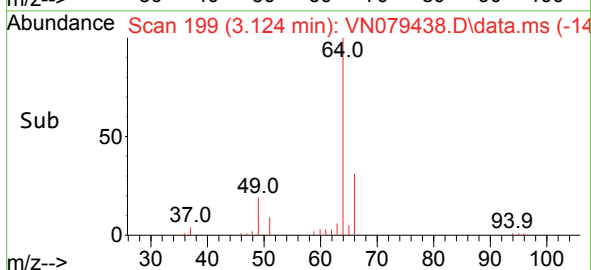
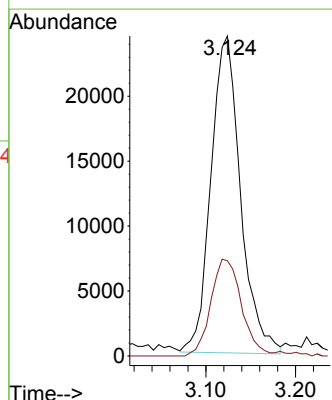
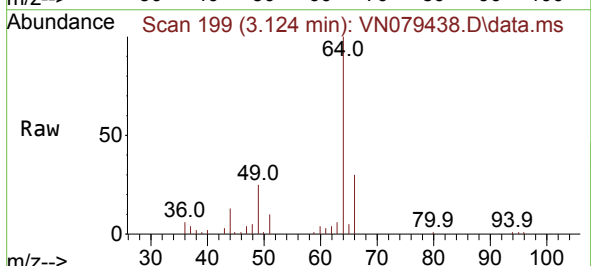
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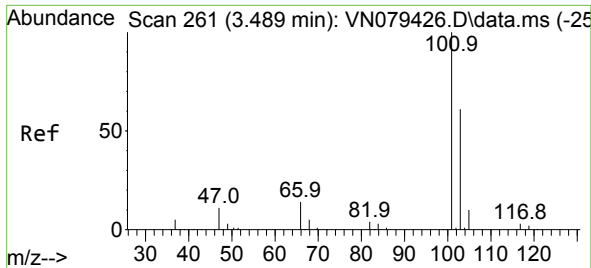
Tgt Ion: 64 Resp: 55915

Ion Ratio Lower Upper

64 100

66 30.3 25.4 38.2

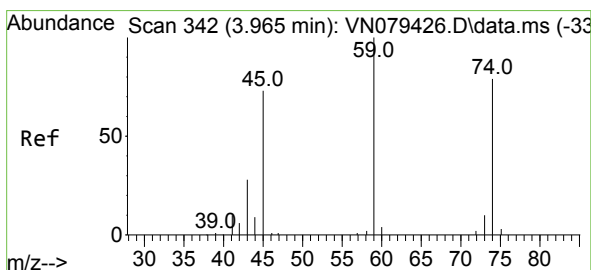
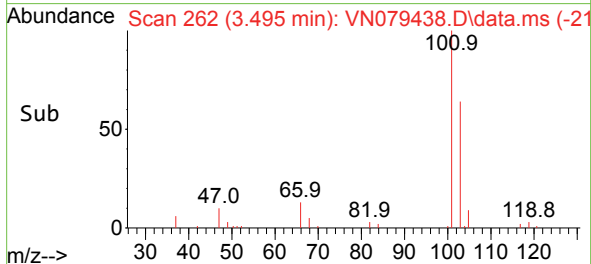
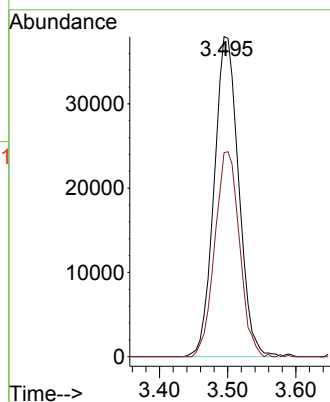
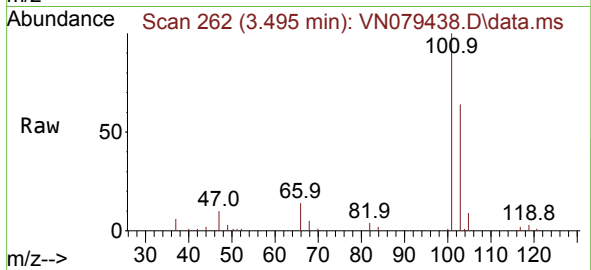




#7
 Trichlorofluoromethane
 Concen: 18.431 ug/l
 RT: 3.495 min Scan# 261
 Delta R.T. 0.006 min
 Lab File: VN079438.D
 Acq: 06 Oct 2023 11:29

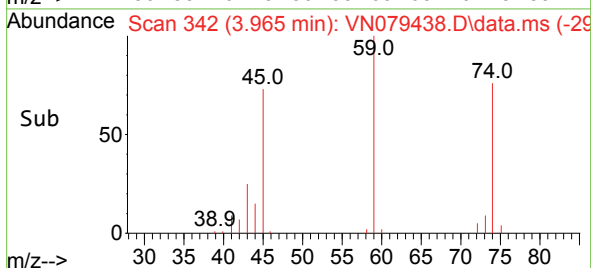
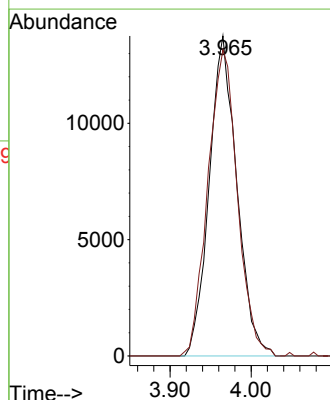
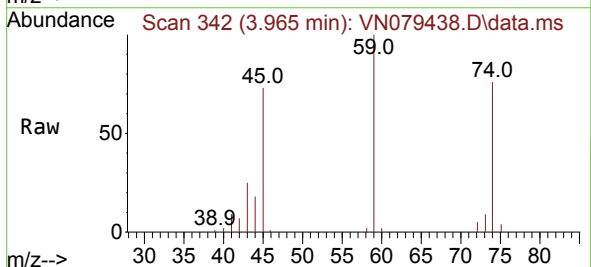
Instrument :
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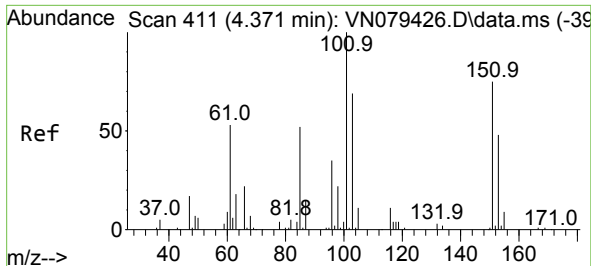
Tgt Ion:101 Resp: 95193
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.7 76.1



#8
 Diethyl Ether
 Concen: 17.647 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: VN079438.D
 Acq: 06 Oct 2023 11:29

Tgt Ion: 74 Resp: 32492
 Ion Ratio Lower Upper
 74 100
 45 102.5 34.4 103.3

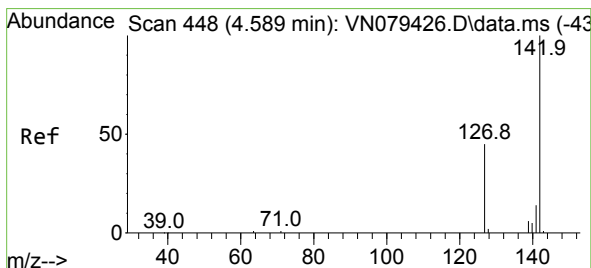
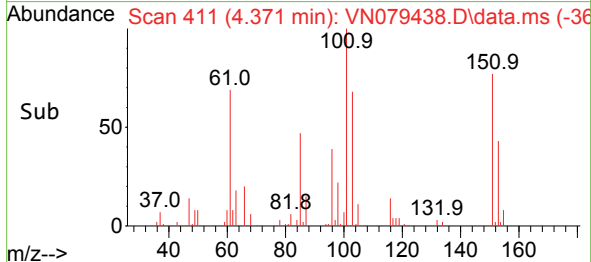
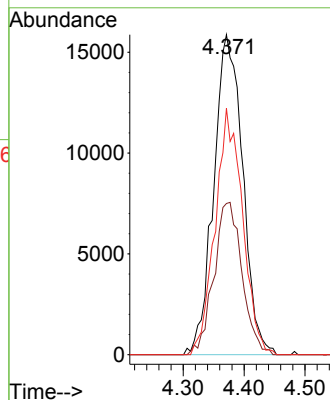
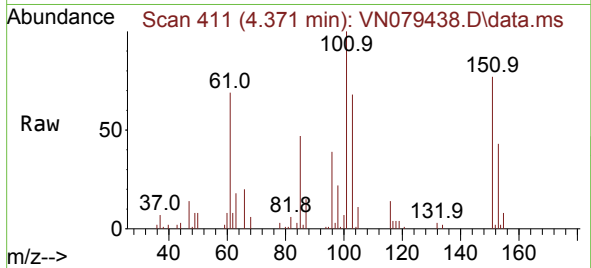




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.357 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN079438.D
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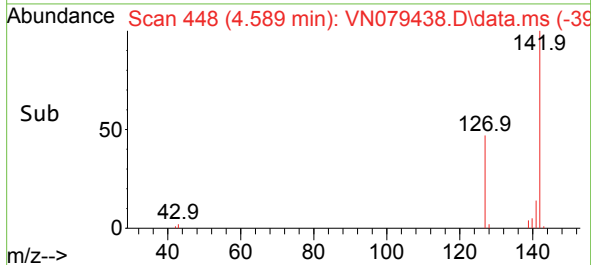
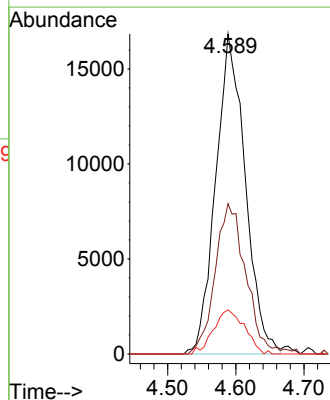
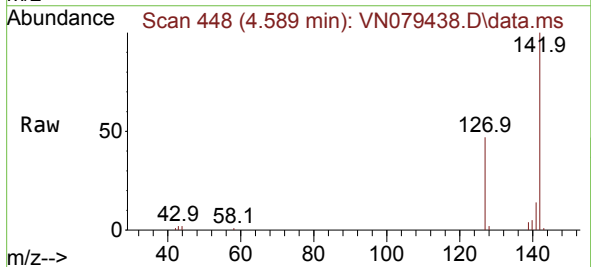
Instrument :
MSVOA_N
ClientSampleId :

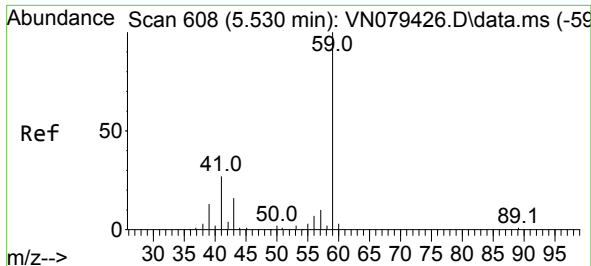
Tgt Ion:101 Resp: 52386
Ion Ratio Lower Upper
101 100
85 46.4 36.6 55.0
151 72.8 57.6 86.4



#10
Methyl Iodide
Concen: 19.325 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

Tgt Ion:142 Resp: 50612
Ion Ratio Lower Upper
142 100
127 46.9 37.6 56.4
141 13.8 11.4 17.0

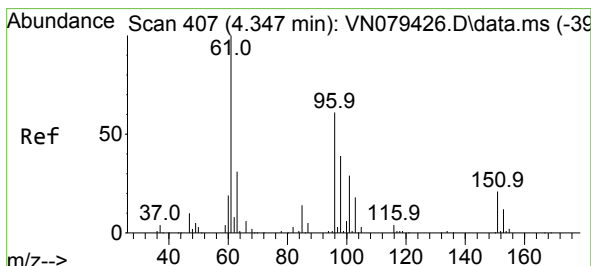
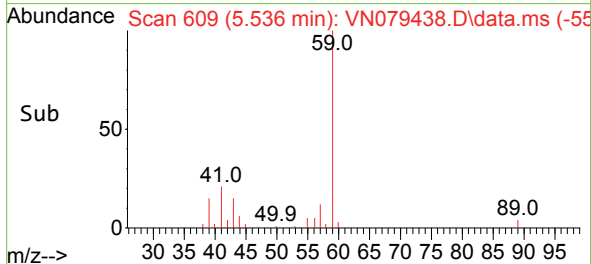
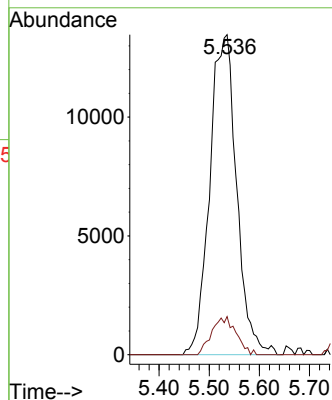
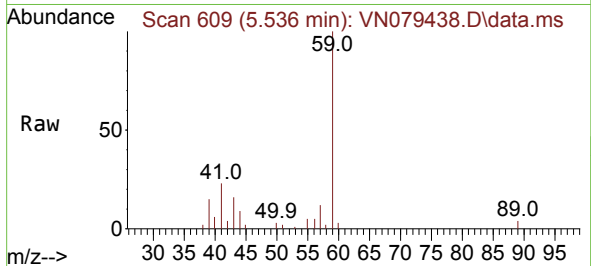




#11
Tert butyl alcohol
Concen: 87.321 ug/l
RT: 5.536 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

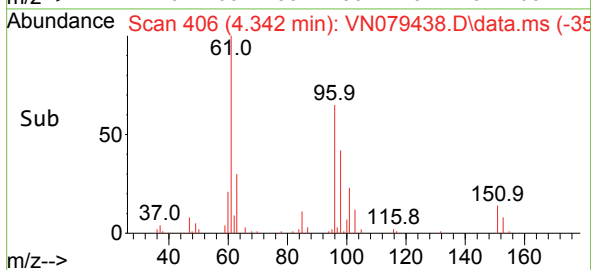
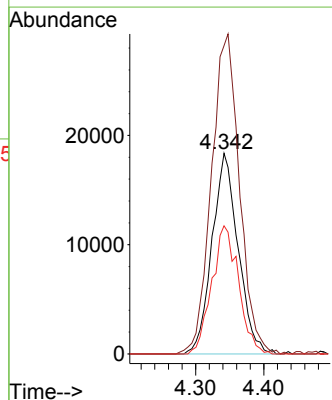
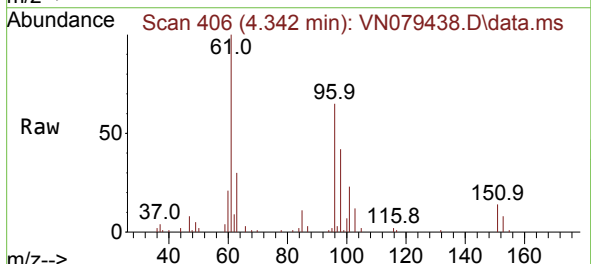
Instrument :
MSVOA_N
ClientSampleId :

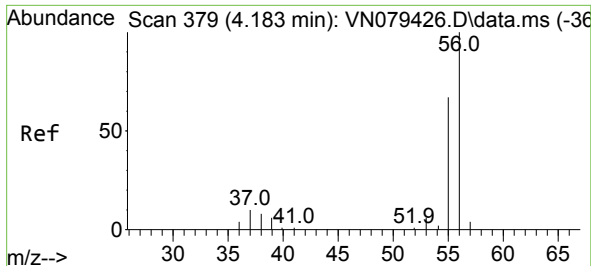
Tgt Ion: 59 Resp: 50122
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 17.604 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

Tgt Ion: 96 Resp: 48923
Ion Ratio Lower Upper
96 100
61 153.7 112.7 169.1
98 63.9 51.2 76.8





#13

Acrolein

Concen: 82.454 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN079438.D

Acq: 06 Oct 2023 11:29

Instrument :

MSVOA_N

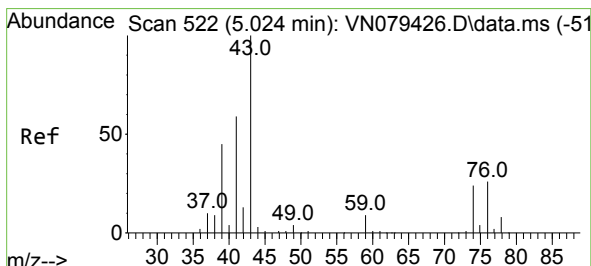
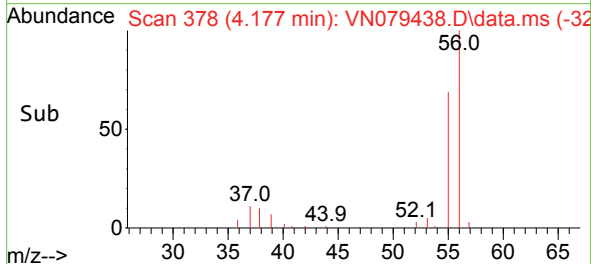
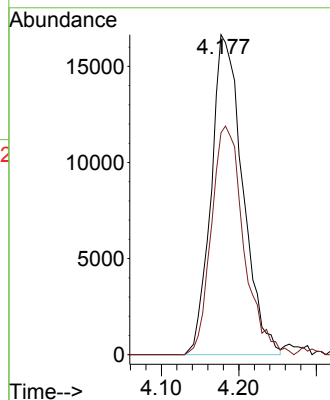
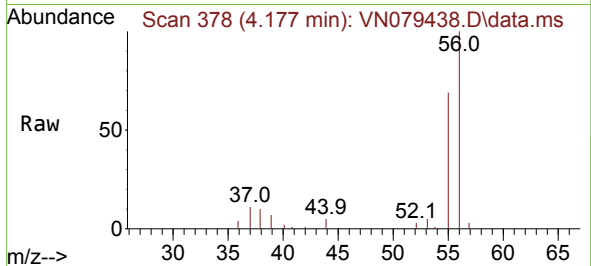
ClientSampleId :

Tgt Ion: 56 Resp: 47126

Ion Ratio Lower Upper

56 100

55 73.3 54.5 81.7



#14

Allyl chloride

Concen: 16.733 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN079438.D

Acq: 06 Oct 2023 11:29

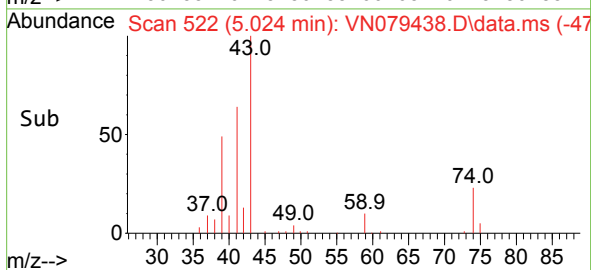
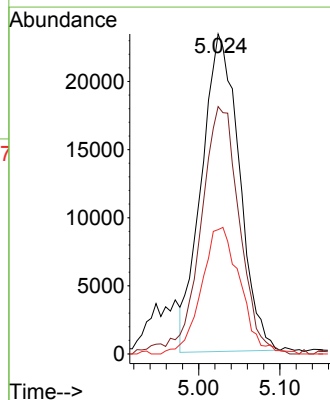
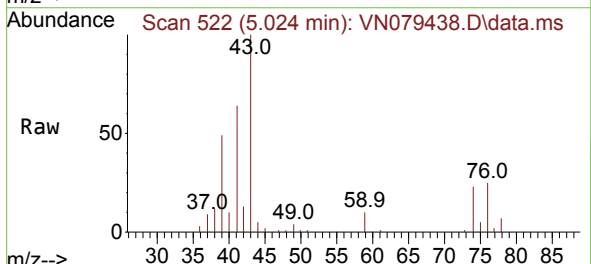
Tgt Ion: 41 Resp: 75044

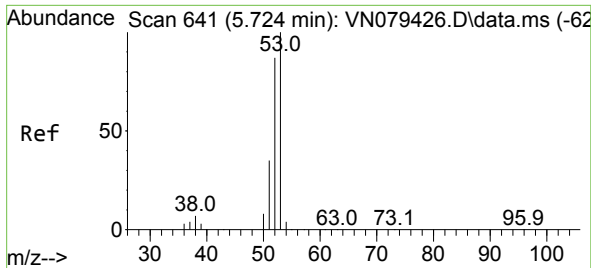
Ion Ratio Lower Upper

41 100

39 80.8 58.8 88.2

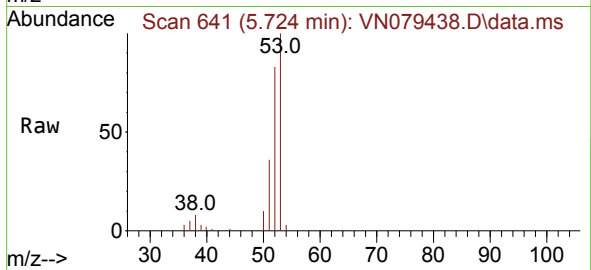
76 41.2 39.1 58.7



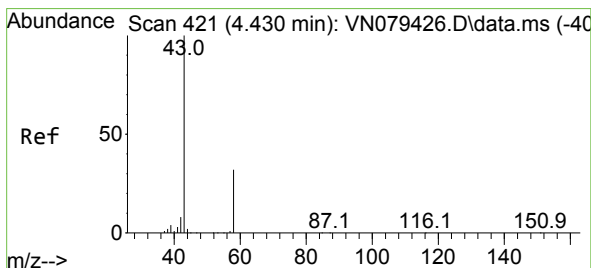
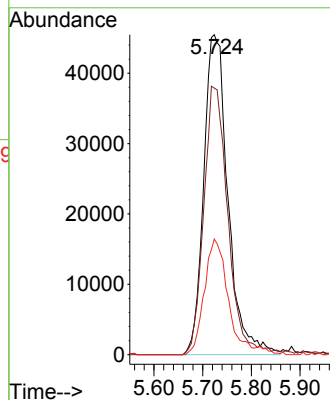
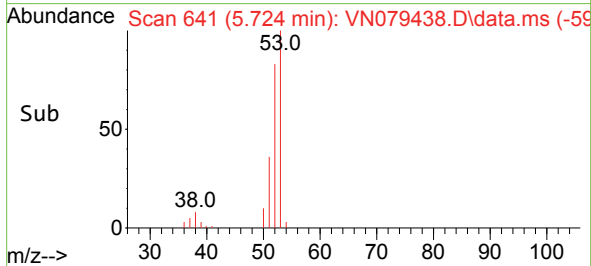


#15
Acrylonitrile
Concen: 94.468 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

Instrument :
MSVOA_N
ClientSampleId :

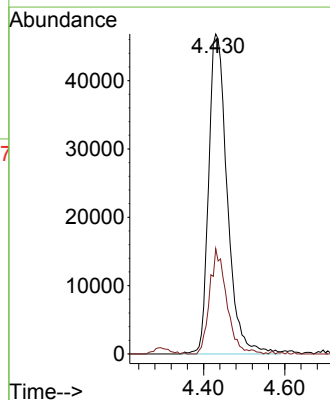
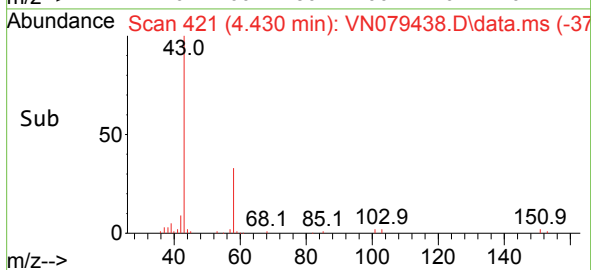
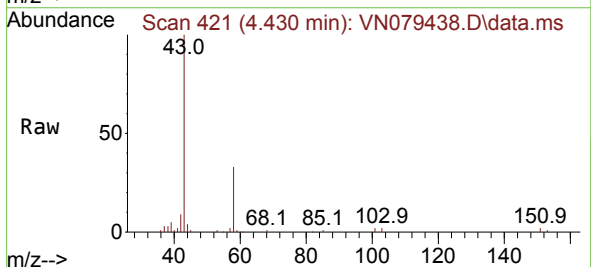


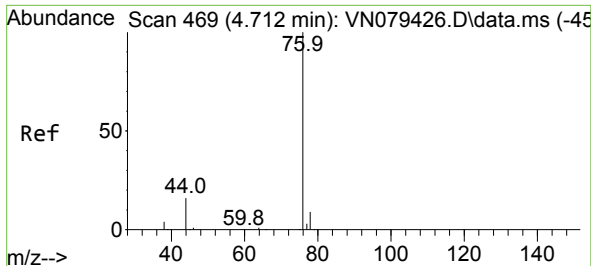
Tgt Ion: 53 Resp: 157205
Ion Ratio Lower Upper
53 100
52 83.5 65.3 97.9
51 34.9 28.9 43.3



#16
Acetone
Concen: 98.116 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

Tgt Ion: 43 Resp: 148416
Ion Ratio Lower Upper
43 100
58 32.9 28.0 42.0

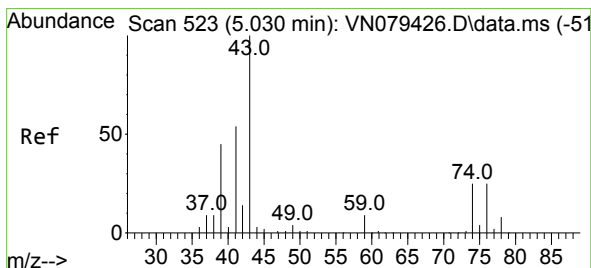
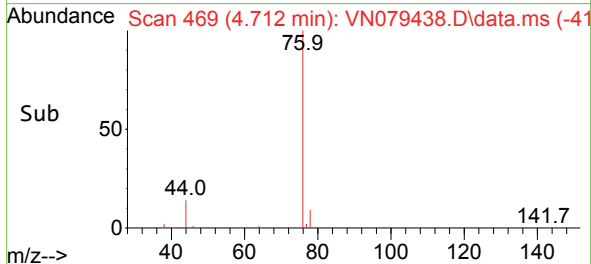
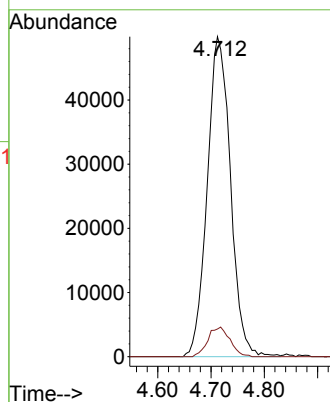
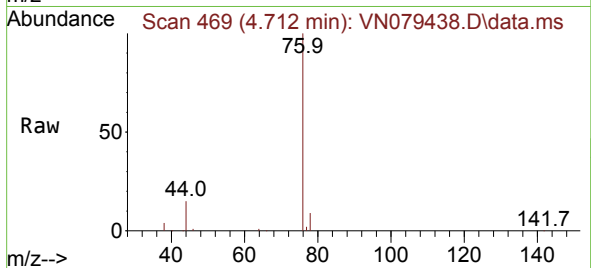




#17
Carbon Disulfide
Concen: 17.430 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

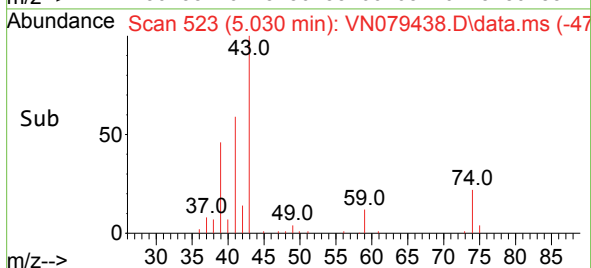
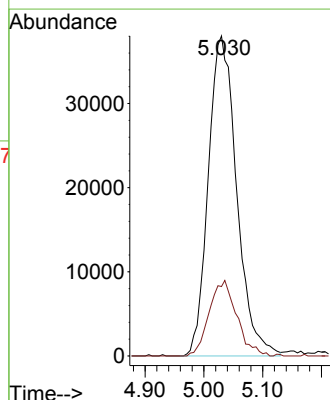
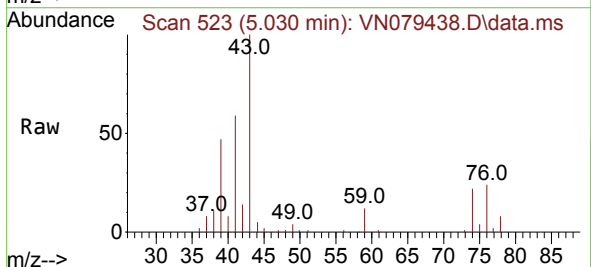
Instrument :
MSVOA_N
ClientSampleId :

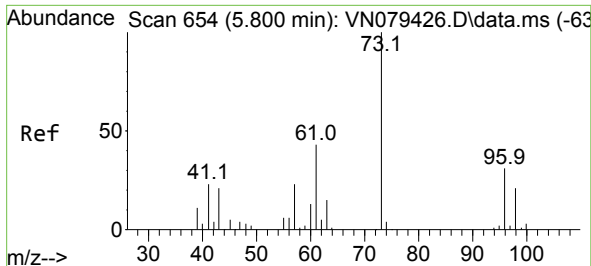
Tgt Ion: 76 Resp: 151094
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#18
Methyl Acetate
Concen: 17.203 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

Tgt Ion: 43 Resp: 127369
Ion Ratio Lower Upper
43 100
74 22.9 26.2 39.4#

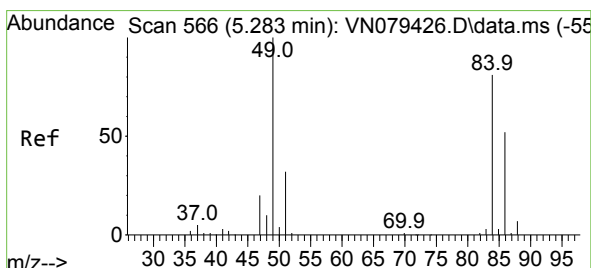
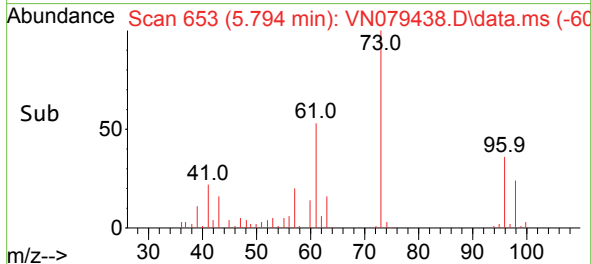
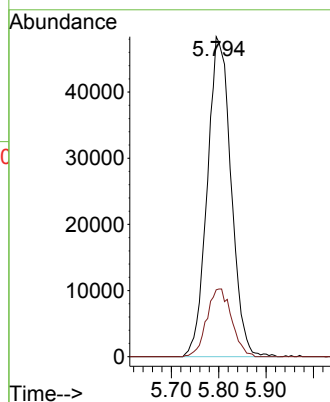
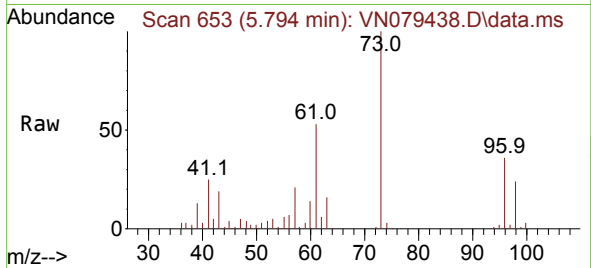




#19
Methyl tert-butyl Ether
Concen: 18.672 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

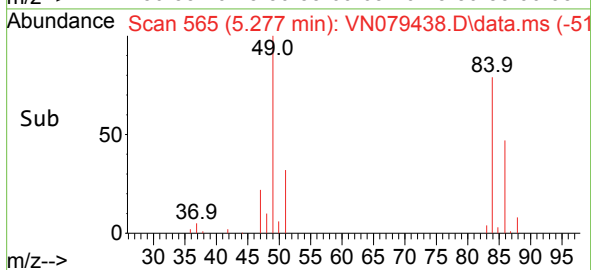
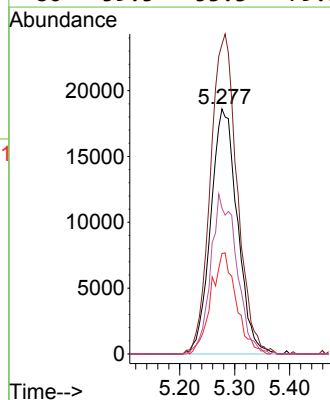
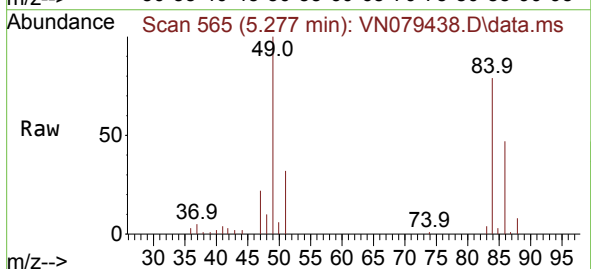
Instrument :
MSVOA_N
ClientSampleId :

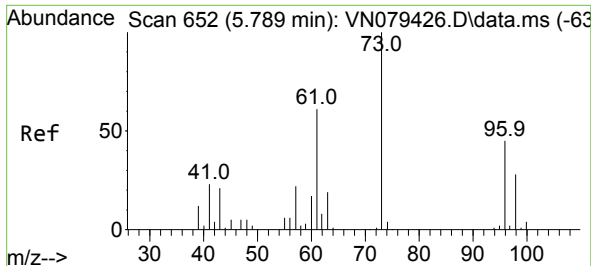
Tgt Ion: 73 Resp: 168604
Ion Ratio Lower Upper
73 100
57 20.9 15.6 23.4



#20
Methylene Chloride
Concen: 18.593 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

Tgt Ion: 84 Resp: 62842
Ion Ratio Lower Upper
84 100
49 126.4 79.7 119.5#
51 40.9 25.2 37.8#
86 59.5 53.3 79.9

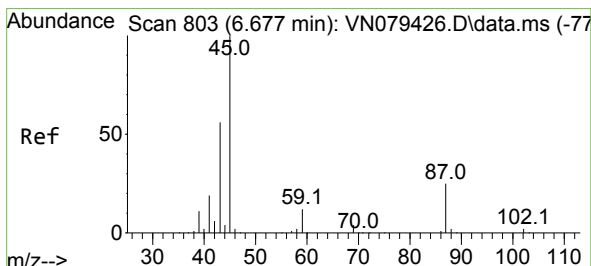
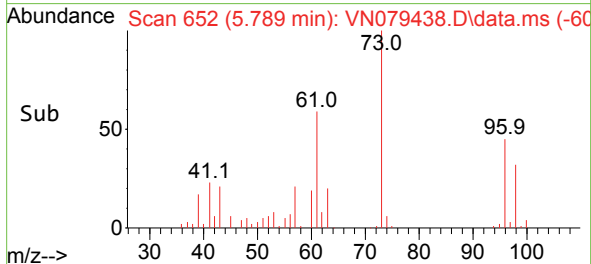
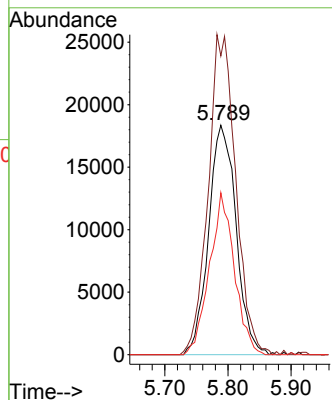
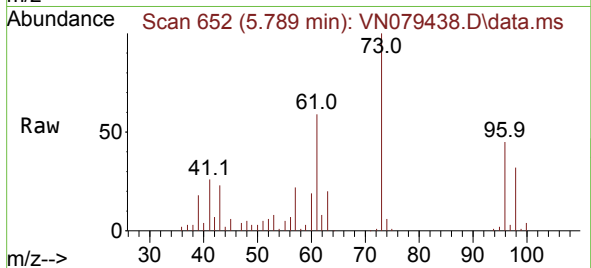




#21
trans-1,2-Dichloroethene
Concen: 17.118 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

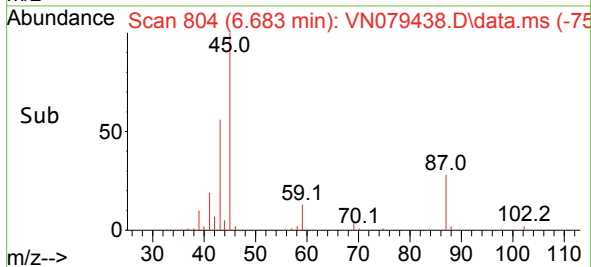
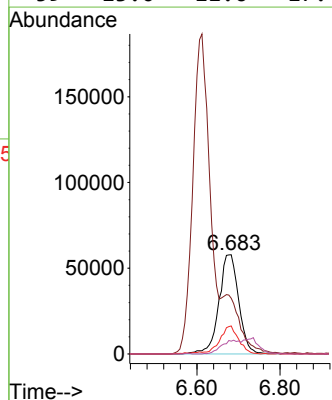
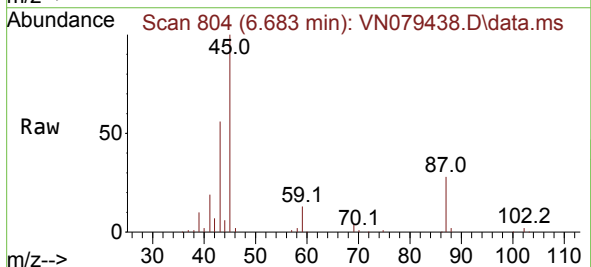
Instrument :
MSVOA_N
ClientSampleId :

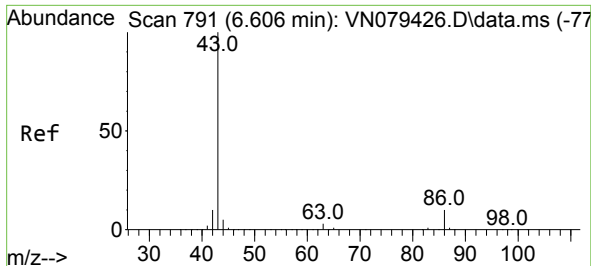
Tgt Ion: 96 Resp: 55563
Ion Ratio Lower Upper
96 100
61 130.2 90.1 135.1
98 70.5 46.4 69.6#



#22
Diisopropyl ether
Concen: 19.037 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

Tgt Ion: 45 Resp: 191441
Ion Ratio Lower Upper
45 100
43 55.2 45.5 68.3
87 28.2 31.8 47.8#
59 13.0 11.6 17.4

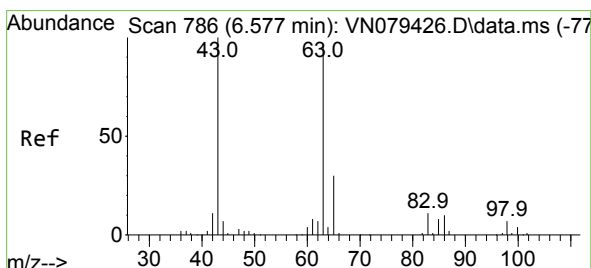
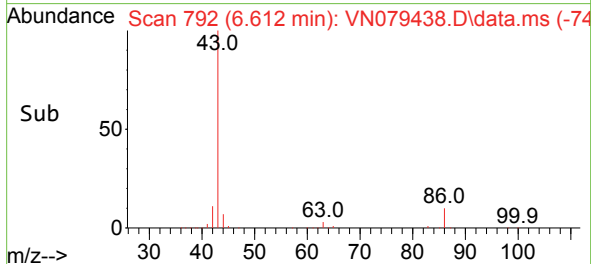
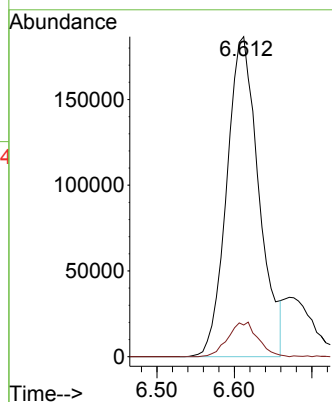
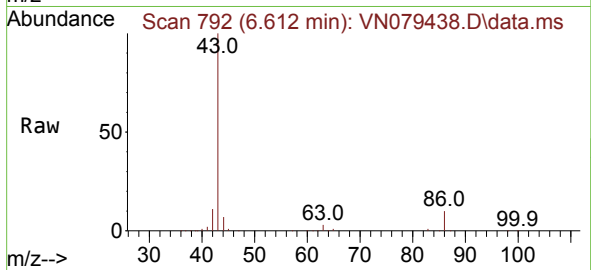




#23
 Vinyl Acetate
 Concen: 95.099 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN079438.D
 Acq: 06 Oct 2023 11:29

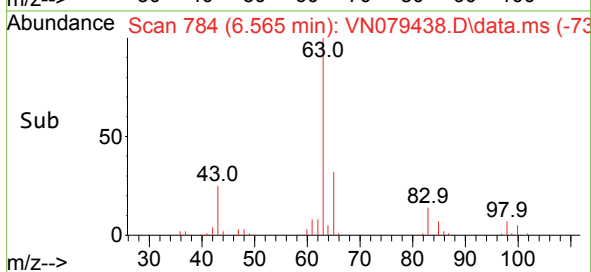
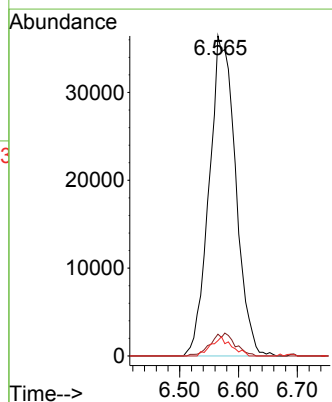
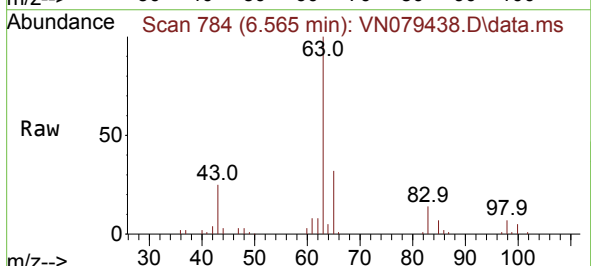
Instrument :
 MSVOA_N
 ClientSampleId :

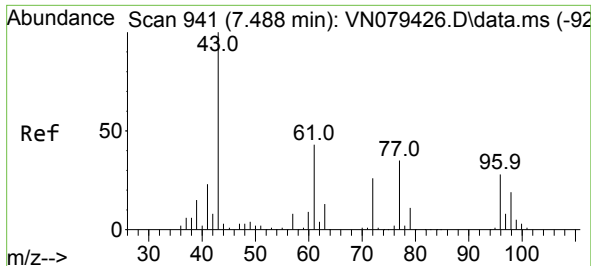
Tgt Ion: 43 Resp: 537940
 Ion Ratio Lower Upper
 43 100
 86 9.9 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 18.462 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.012 min
 Lab File: VN079438.D
 Acq: 06 Oct 2023 11:29

Tgt Ion: 63 Resp: 113623
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.9 11.7
 100 4.8 2.5 7.4

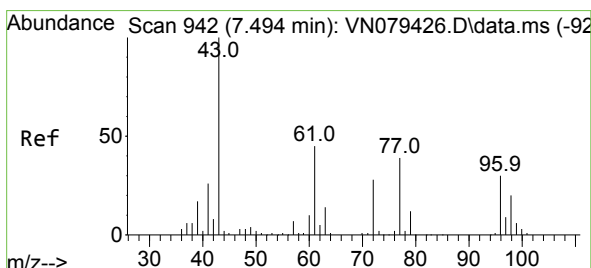
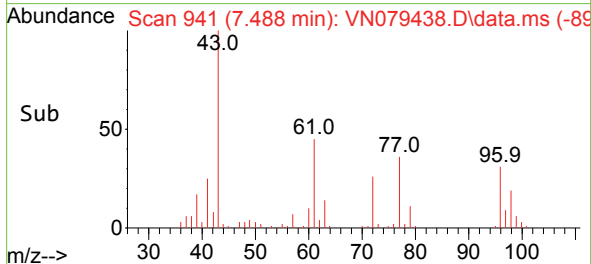
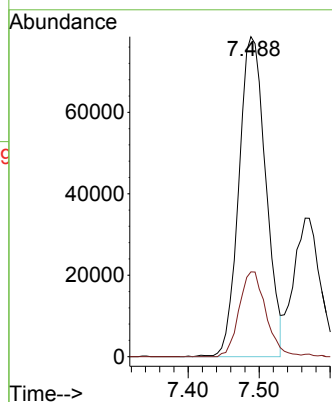
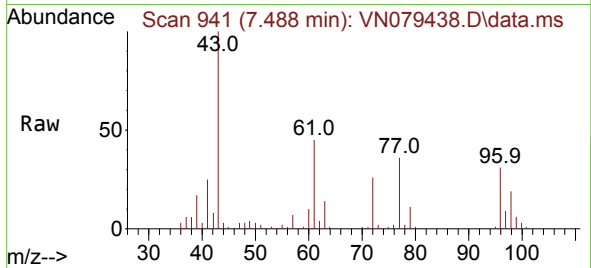




#25
2-Butanone
Concen: 92.031 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

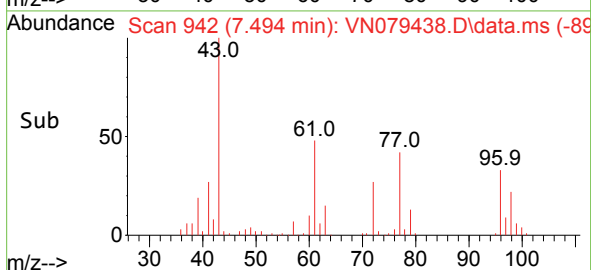
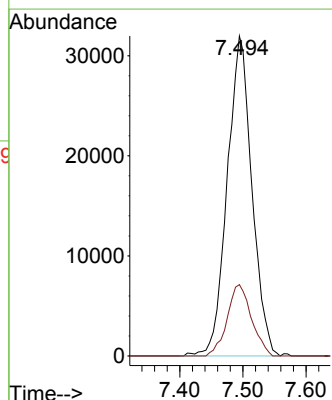
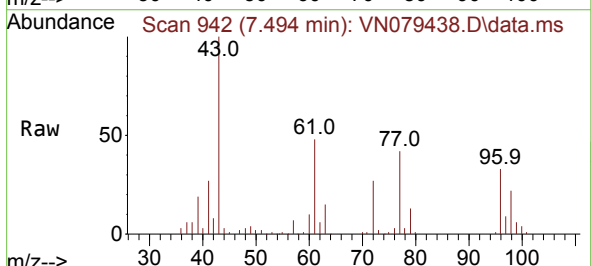
Instrument :
MSVOA_N
ClientSampleId :

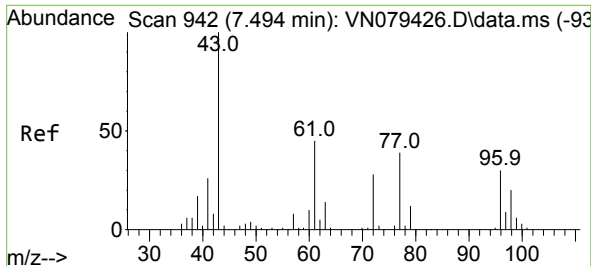
Tgt Ion: 43 Resp: 206620
Ion Ratio Lower Upper
43 100
72 26.5 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 18.455 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

Tgt Ion: 77 Resp: 86802
Ion Ratio Lower Upper
77 100
97 22.0 11.2 33.6

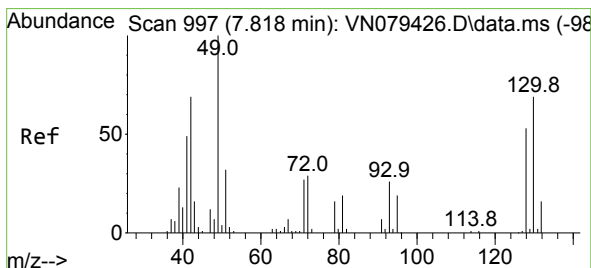
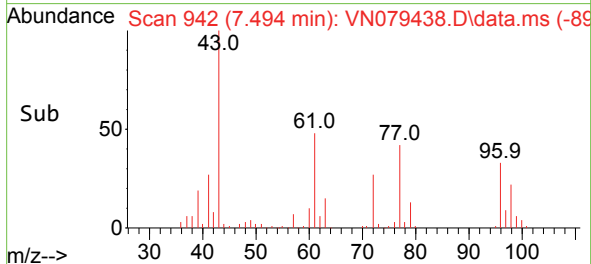
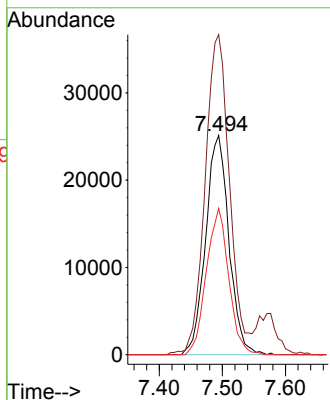
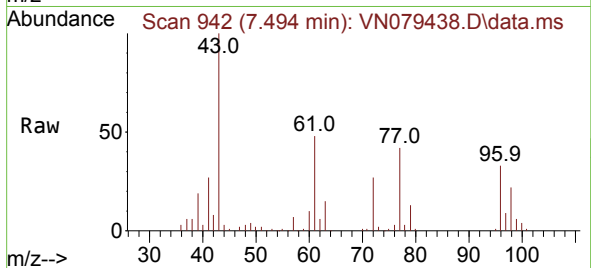




#27
 cis-1,2-Dichloroethene
 Concen: 18.289 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.000 min
 Lab File: VN079438.D
 Acq: 06 Oct 2023 11:29

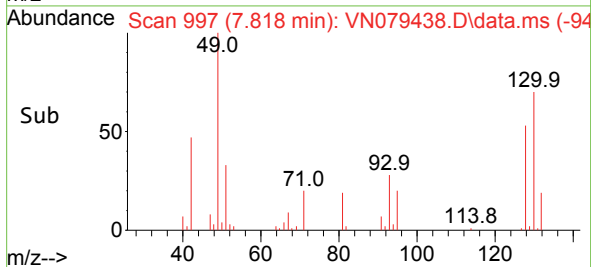
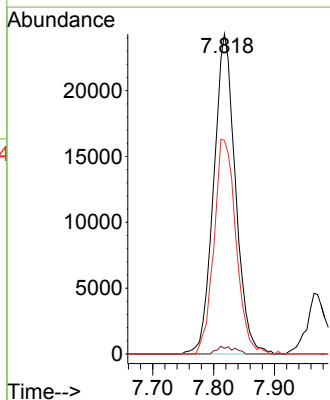
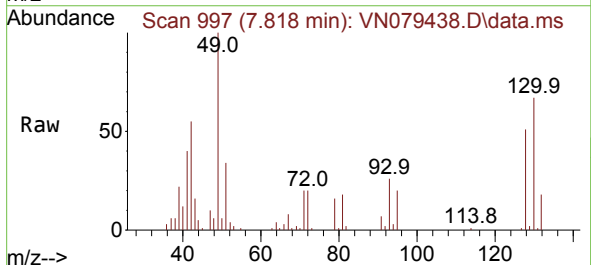
Instrument :
 MSVOA_N
 ClientSampleId :

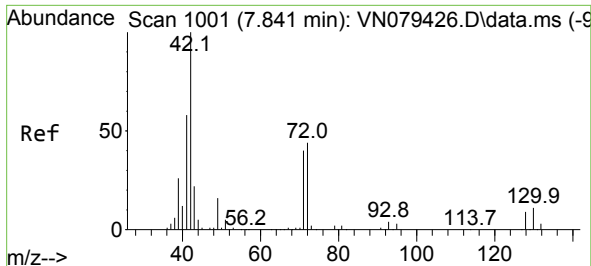
Tgt Ion: 96 Resp: 64489
 Ion Ratio Lower Upper
 96 100
 61 153.2 0.0 255.2
 98 64.0 0.0 128.8



#28
 Bromochloromethane
 Concen: 20.583 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN079438.D
 Acq: 06 Oct 2023 11:29

Tgt Ion: 49 Resp: 60273
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.8
 130 67.9 75.3 112.9#





#29

Tetrahydrofuran

Concen: 91.783 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

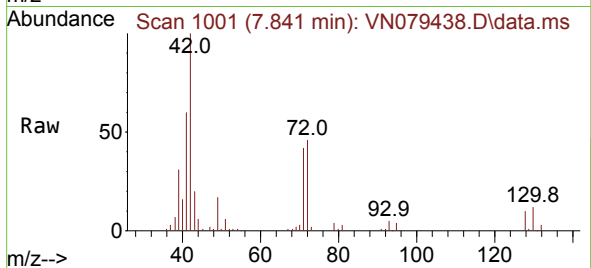
Lab File: VN079438.D

Acq: 06 Oct 2023 11:29

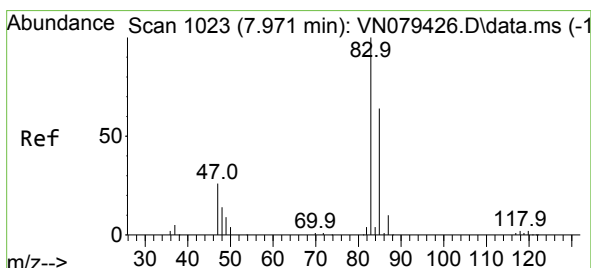
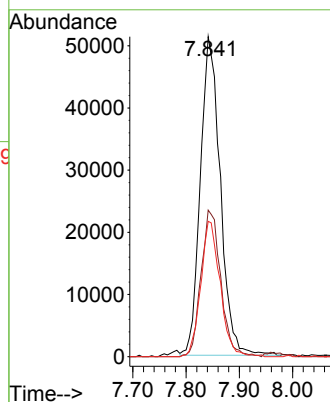
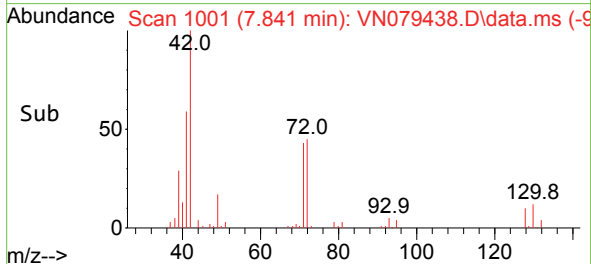
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	133270
Ion	Ratio	Lower	Upper
42	100		
72	45.4	49.8	74.6#
71	41.3	47.4	71.2#



#30

Chloroform

Concen: 18.222 ug/l

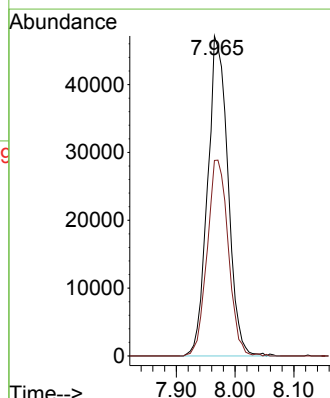
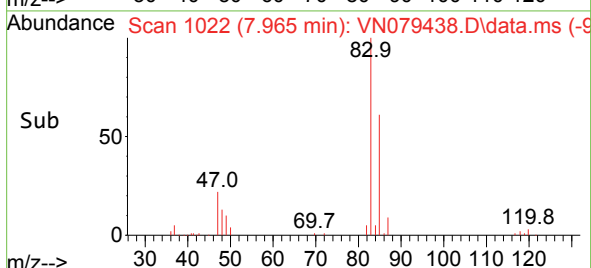
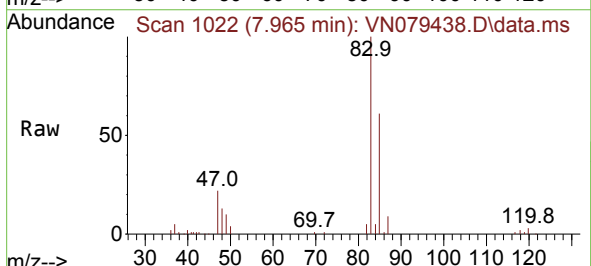
RT: 7.965 min Scan# 1022

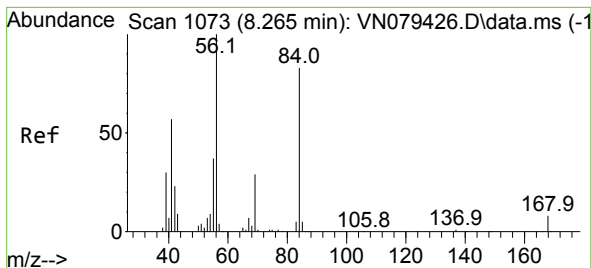
Delta R.T. -0.006 min

Lab File: VN079438.D

Acq: 06 Oct 2023 11:29

Tgt Ion:	83	Resp:	113309
Ion	Ratio	Lower	Upper
83	100		
85	61.1	55.4	83.0





#31

Cyclohexane

Concen: 17.573 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

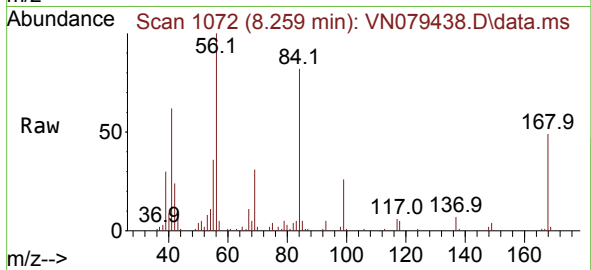
Lab File: VN079438.D

Acq: 06 Oct 2023 11:29

Instrument :

MSVOA_N

ClientSampleId :



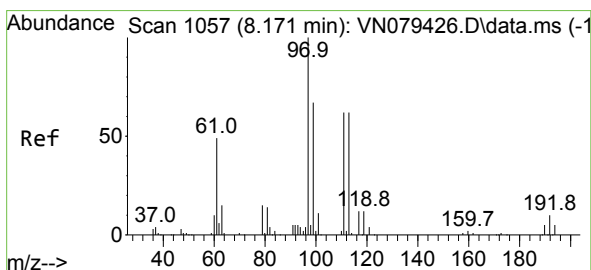
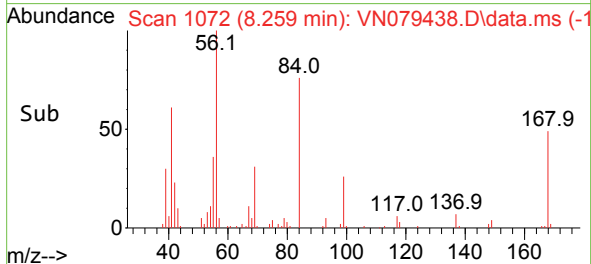
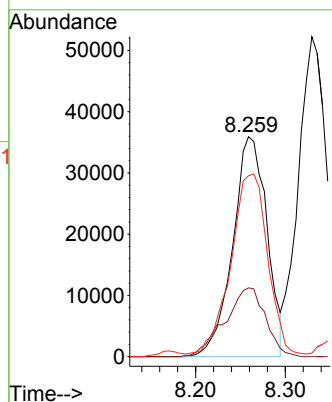
Tgt Ion: 56 Resp: 95063

Ion Ratio Lower Upper

56 100

69 31.3 26.8 40.2

84 80.7 81.8 122.6#



#32

1,1,1-Trichloroethane

Concen: 17.761 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN079438.D

Acq: 06 Oct 2023 11:29

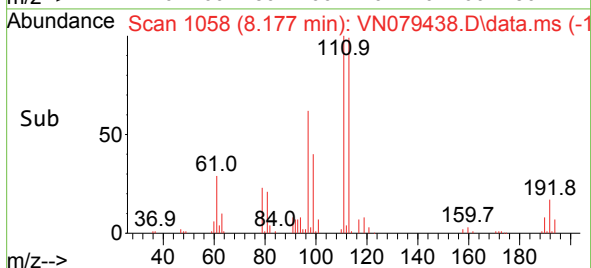
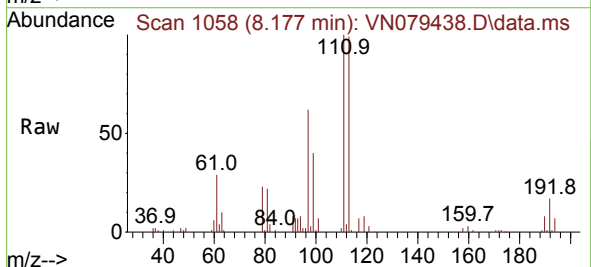
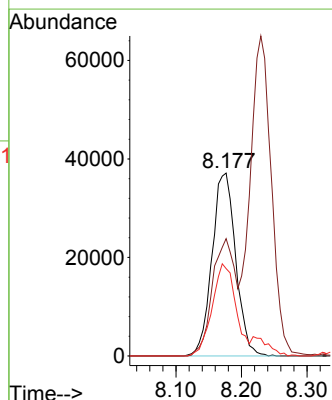
Tgt Ion: 97 Resp: 92946

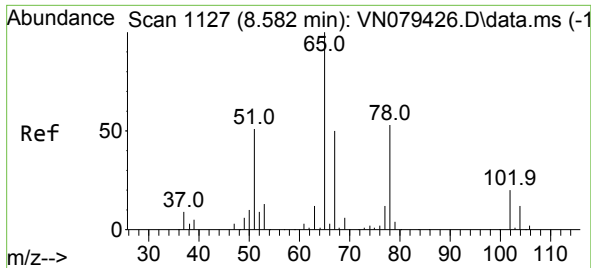
Ion Ratio Lower Upper

97 100

99 61.5 50.3 75.5

61 50.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.380 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079438.D

Acq: 06 Oct 2023 11:29

Instrument :

MSVOA_N

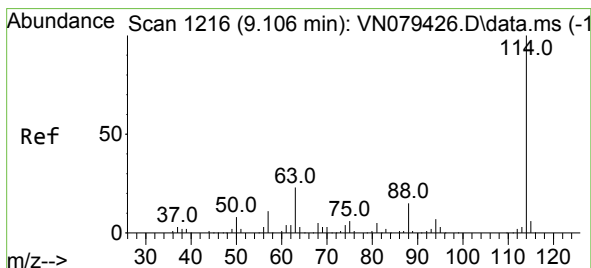
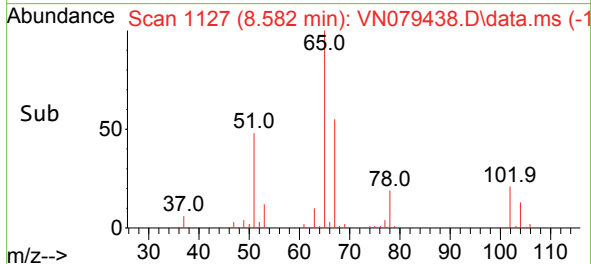
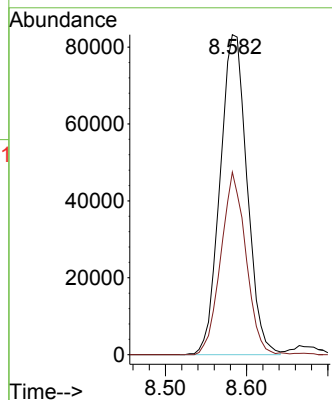
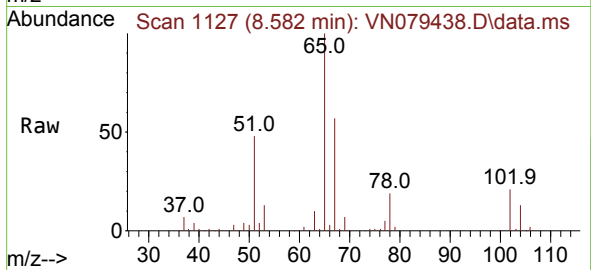
ClientSampleId :

Tgt Ion: 65 Resp: 192136

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN079438.D

Acq: 06 Oct 2023 11:29

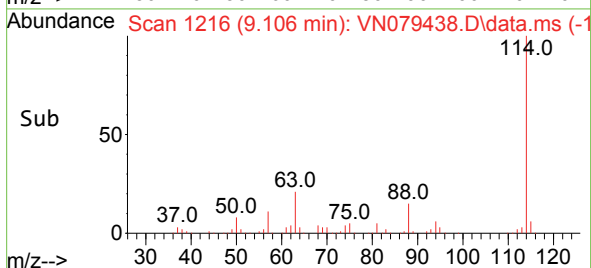
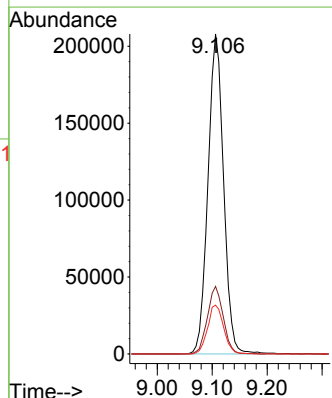
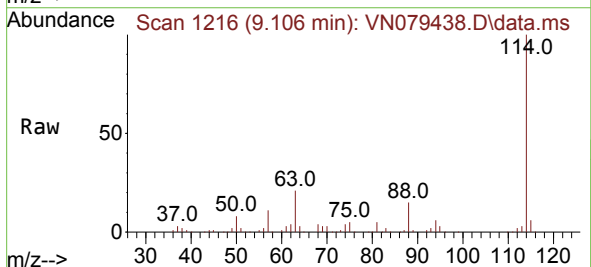
Tgt Ion: 114 Resp: 410431

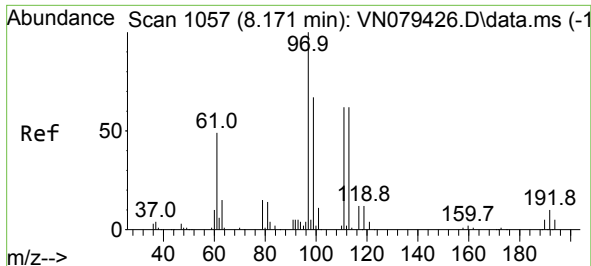
Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.491 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

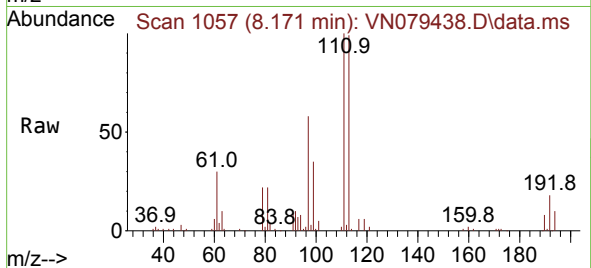
Lab File: VN079438.D

Acq: 06 Oct 2023 11:29

Instrument :

MSVOA_N

ClientSampleId :



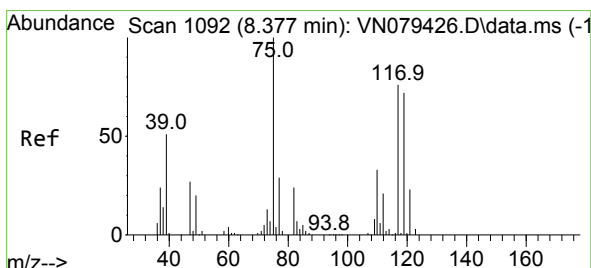
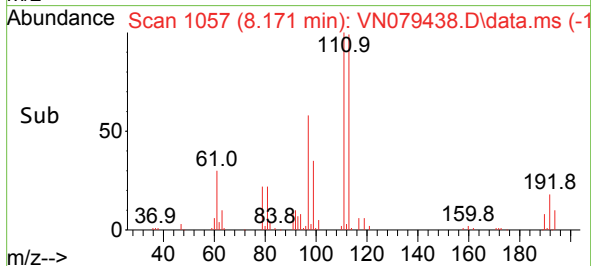
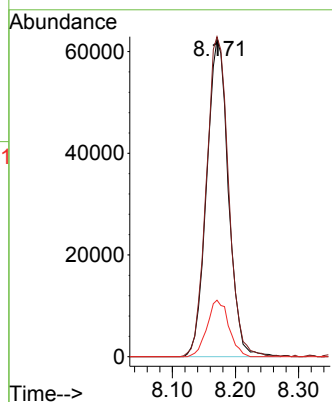
Tgt Ion:113 Resp: 148924

Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

192 17.8 12.7 19.1



#36

1,1-Dichloropropene

Concen: 18.643 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN079438.D

Acq: 06 Oct 2023 11:29

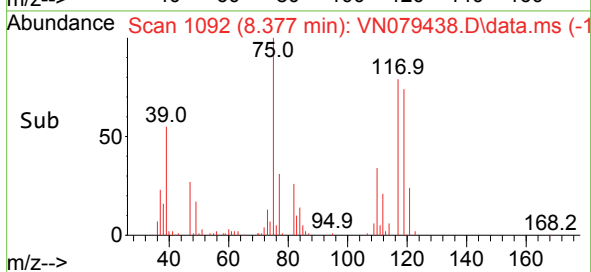
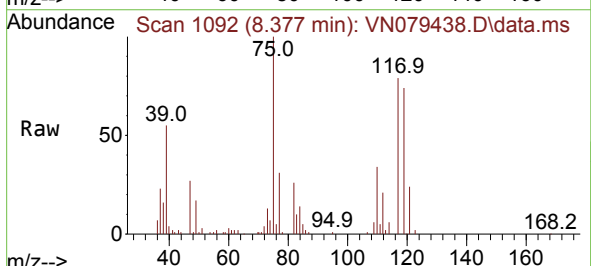
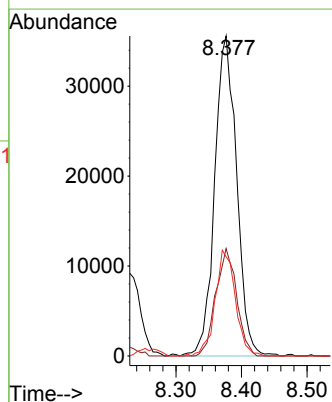
Tgt Ion: 75 Resp: 82527

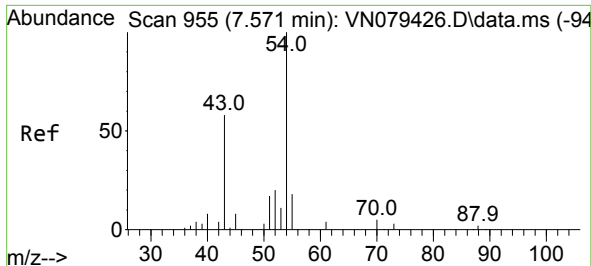
Ion Ratio Lower Upper

75 100

110 31.9 19.1 57.3

77 30.6 25.0 37.4





#37

Ethyl Acetate

Concen: 19.963 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079438.D

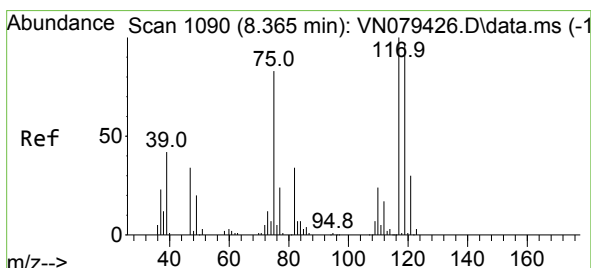
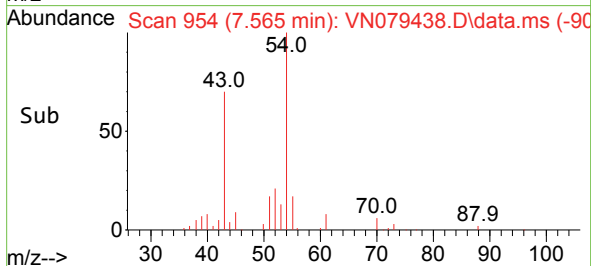
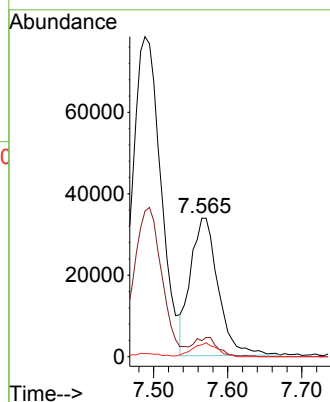
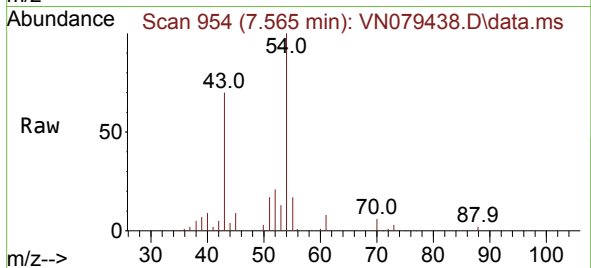
Acq: 06 Oct 2023 11:29

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43	Resp:	87934
Ion	Ratio	Lower Upper
43	100	
61	10.9	13.2 19.8#
70	8.9	11.3 16.9#



#38

Carbon Tetrachloride

Concen: 18.521 ug/l

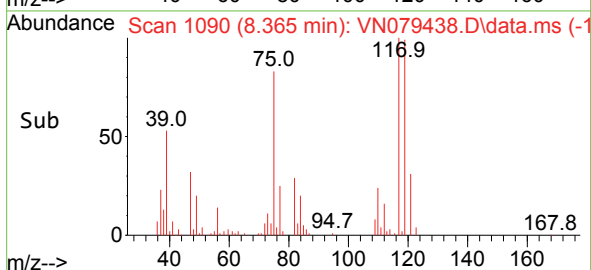
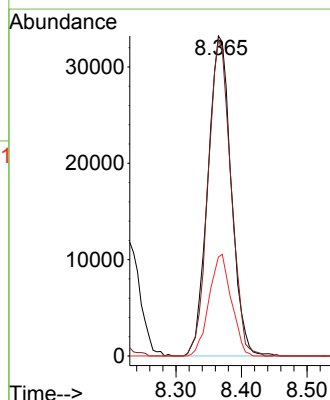
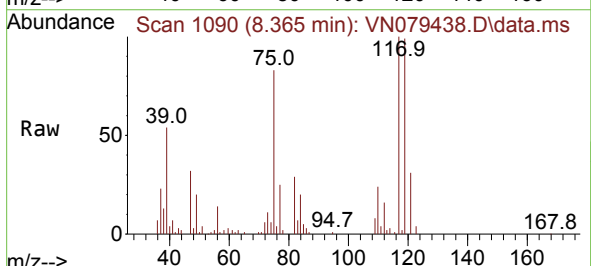
RT: 8.365 min Scan# 1090

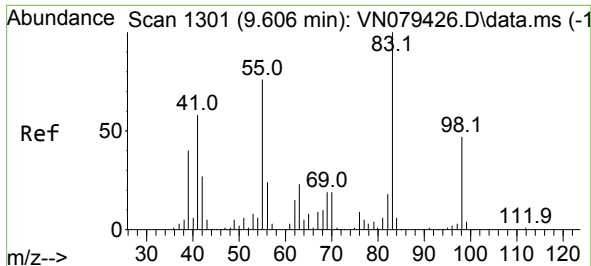
Delta R.T. -0.000 min

Lab File: VN079438.D

Acq: 06 Oct 2023 11:29

Tgt Ion: 117	Resp:	82078
Ion	Ratio	Lower Upper
117	100	
119	98.7	77.3 115.9
121	31.0	23.3 34.9

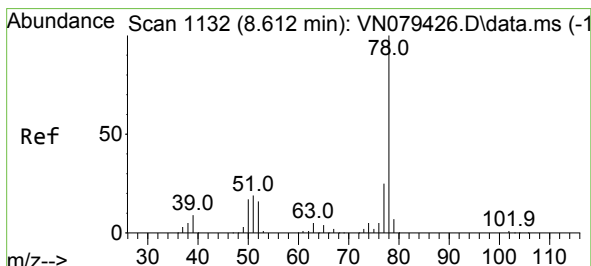
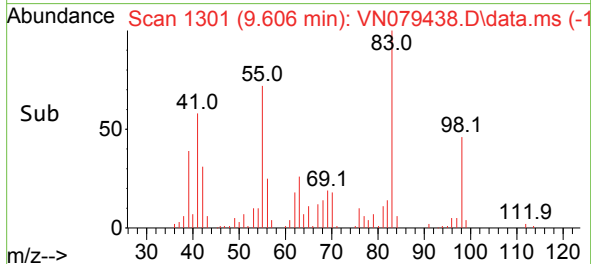
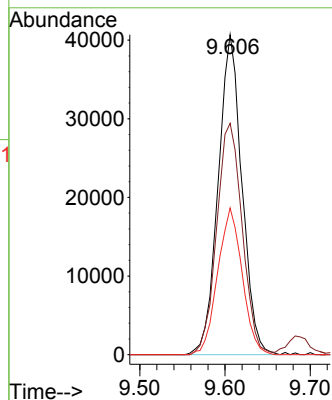
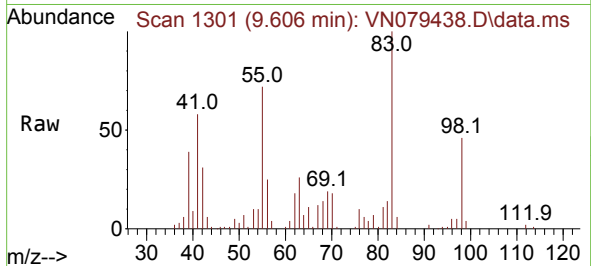




#39
Methylcyclohexane
Concen: 18.532 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

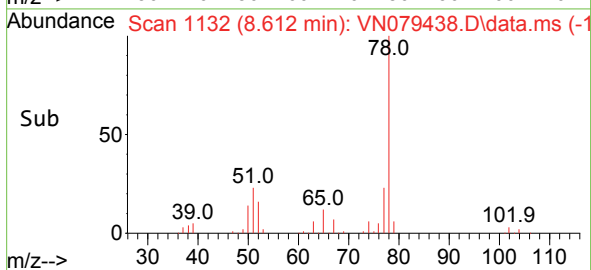
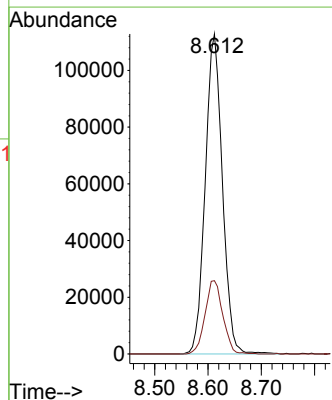
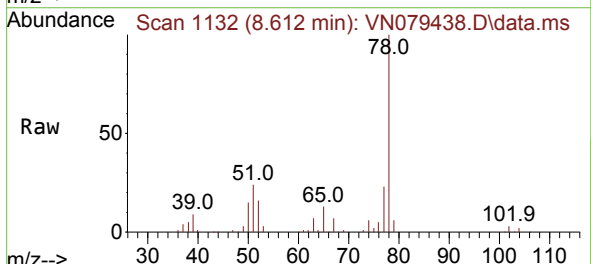
Instrument :
MSVOA_N
ClientSampleId :

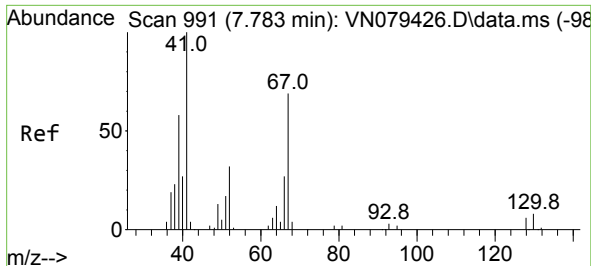
Tgt Ion: 83 Resp: 78820
Ion Ratio Lower Upper
83 100
55 72.3 49.1 73.7
98 45.8 40.6 61.0



#40
Benzene
Concen: 19.169 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

Tgt Ion: 78 Resp: 252015
Ion Ratio Lower Upper
78 100
77 22.9 19.0 28.6

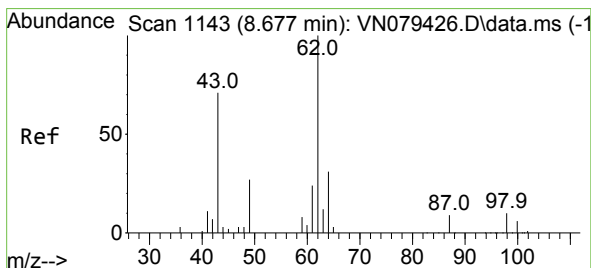
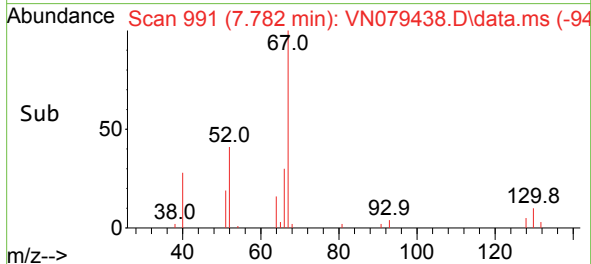
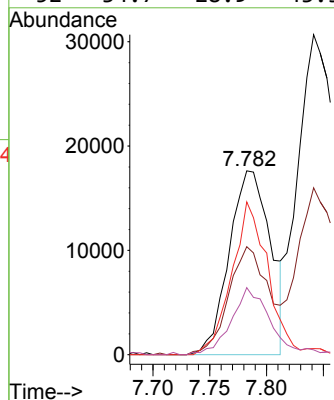
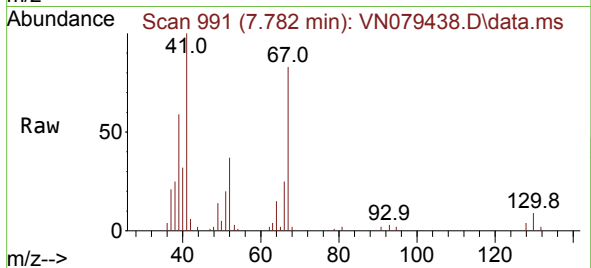




#41
Methacrylonitrile
Concen: 19.299 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

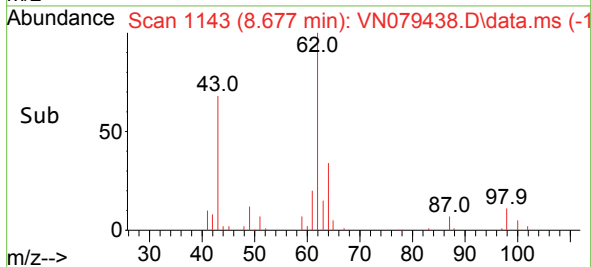
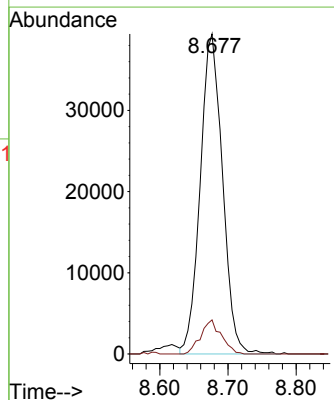
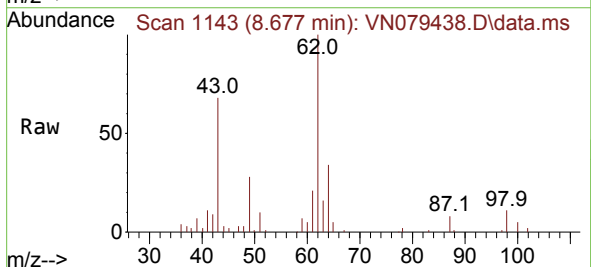
Instrument :
MSVOA_N
ClientSampleId :

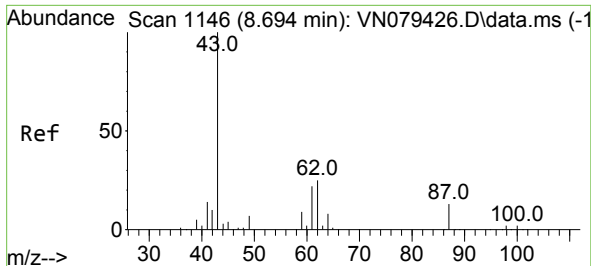
Tgt Ion: 41	Resp: 44692
Ion Ratio	Lower Upper
41 100	
39 56.7	42.6 64.0
67 73.3	77.5 116.3#
52 34.7	28.9 43.3



#42
1,2-Dichloroethane
Concen: 18.724 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

Tgt Ion: 62	Resp: 89447
Ion Ratio	Lower Upper
62 100	
98 9.8	0.0 19.8

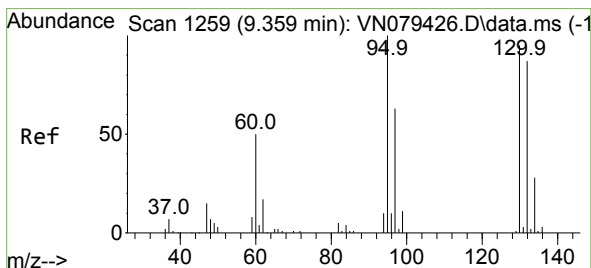
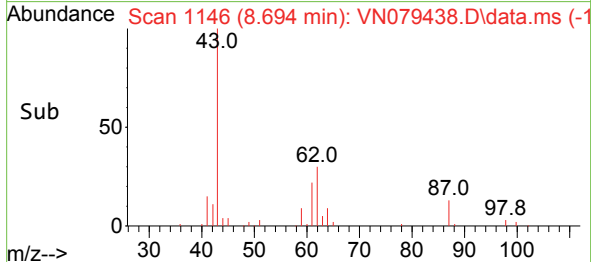
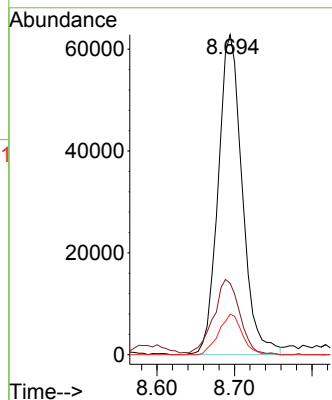
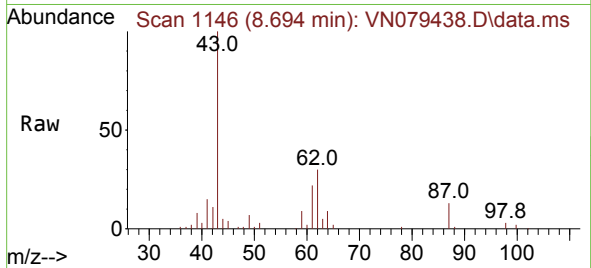




#43
Isopropyl Acetate
Concen: 17.611 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

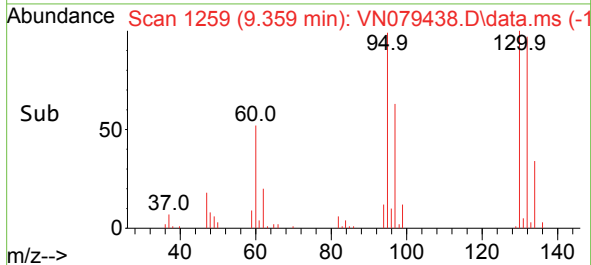
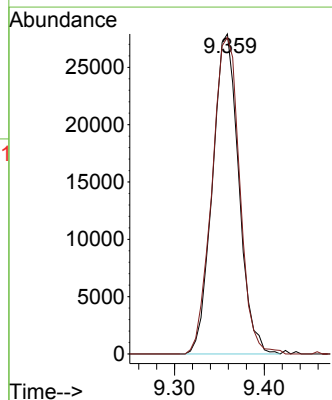
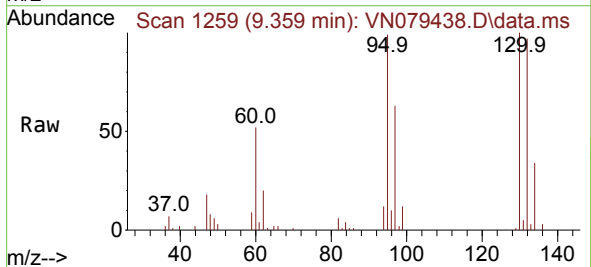
Instrument :
MSVOA_N
ClientSampleId :

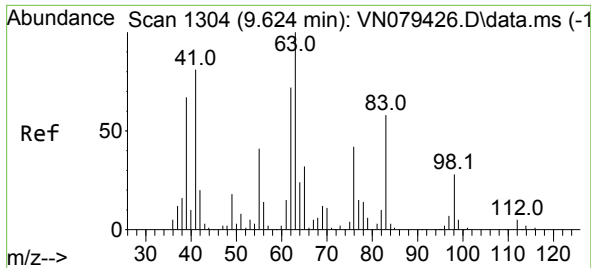
Tgt Ion: 43 Resp: 135903
Ion Ratio Lower Upper
43 100
61 25.7 24.7 37.1
87 12.4 14.6 21.8#



#44
Trichloroethene
Concen: 18.336 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

Tgt Ion:130 Resp: 56738
Ion Ratio Lower Upper
130 100
95 98.9 0.0 204.6

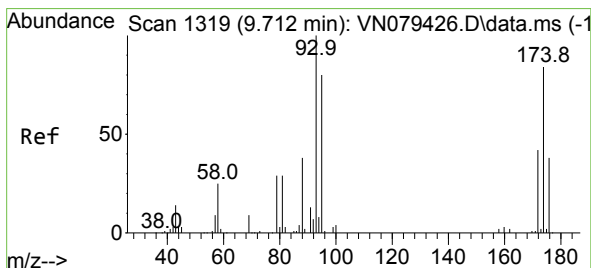
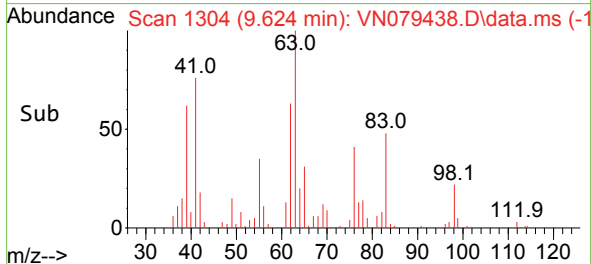
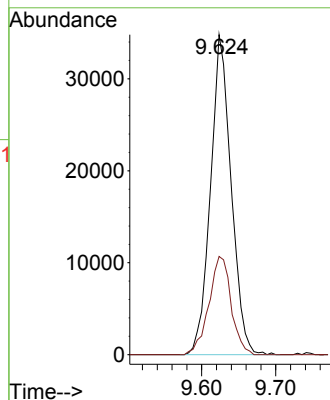
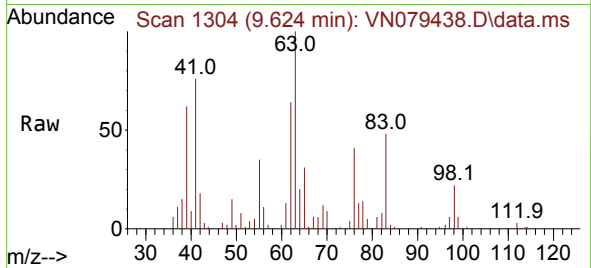




#45
1,2-Dichloropropane
Concen: 19.446 ug/l
RT: 9.624 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

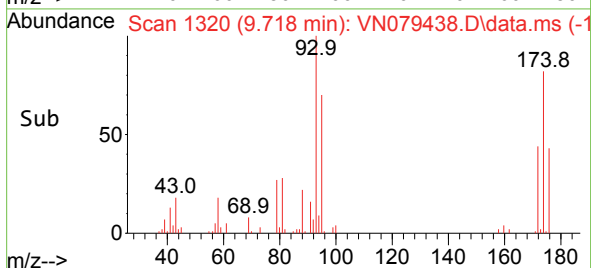
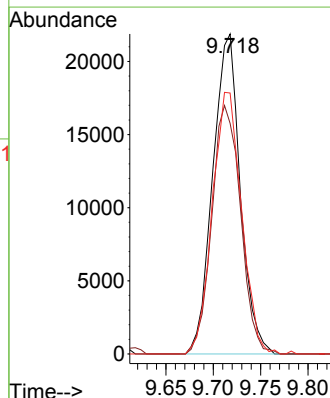
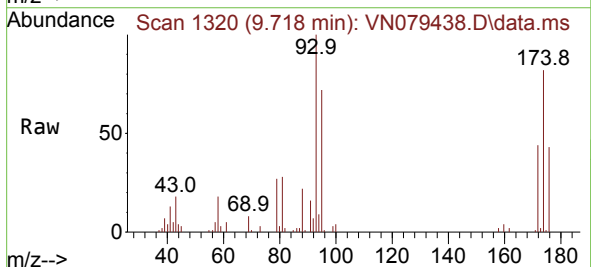
Instrument :
MSVOA_N
ClientSampleId :

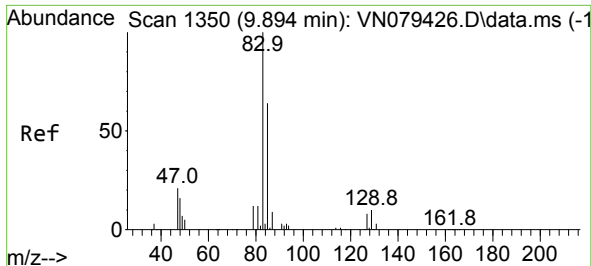
Tgt Ion: 63 Resp: 67357
Ion Ratio Lower Upper
63 100
65 30.7 23.9 35.9



#46
Dibromomethane
Concen: 19.657 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

Tgt Ion: 93 Resp: 44098
Ion Ratio Lower Upper
93 100
95 81.5 63.8 95.8
174 87.1 65.6 98.4

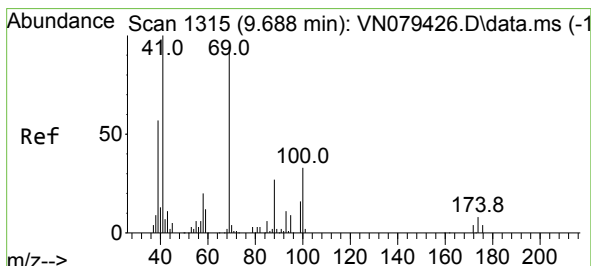
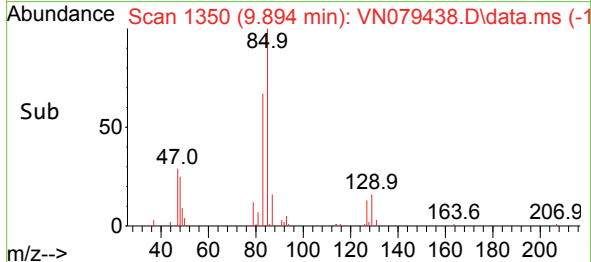
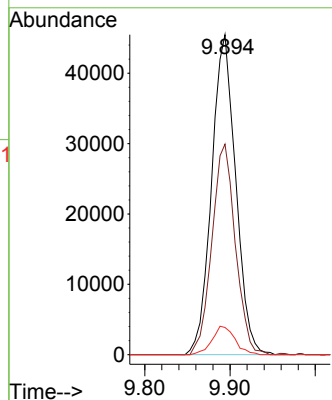
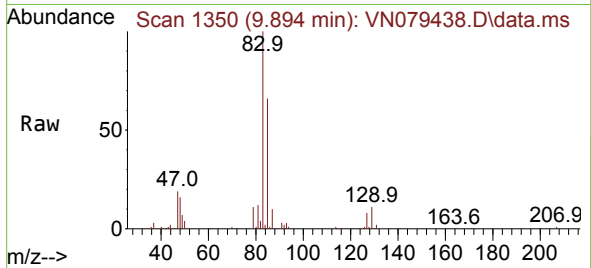




#47
Bromodichloromethane
Concen: 19.336 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

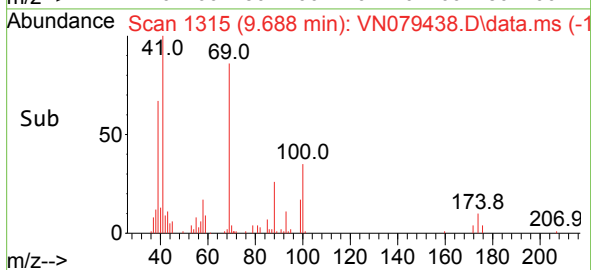
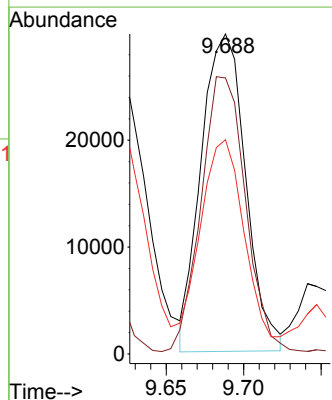
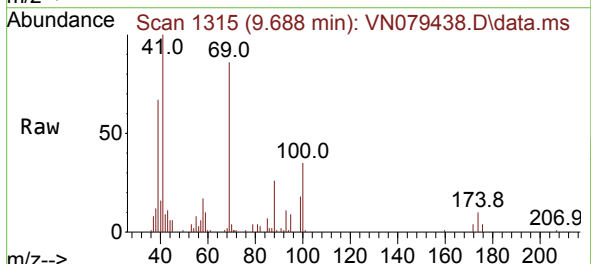
Instrument :
MSVOA_N
ClientSampleId :

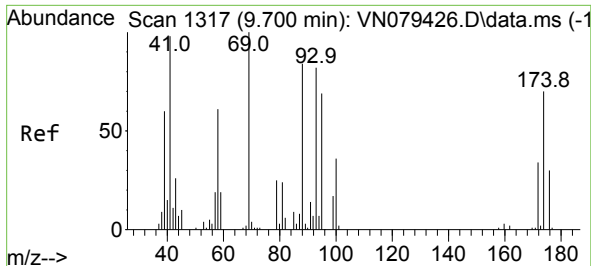
Tgt Ion: 83 Resp: 89231
Ion Ratio Lower Upper
83 100
85 65.8 49.6 74.4
127 8.5 7.0 10.6



#48
Methyl methacrylate
Concen: 17.919 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

Tgt Ion: 41 Resp: 59255
Ion Ratio Lower Upper
41 100
69 86.9 90.4 135.6#
39 68.9 54.6 81.8





#49

1,4-Dioxane

Concen: 415.323 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079438.D

Acq: 06 Oct 2023 11:29

Instrument :

MSVOA_N

ClientSampleId :

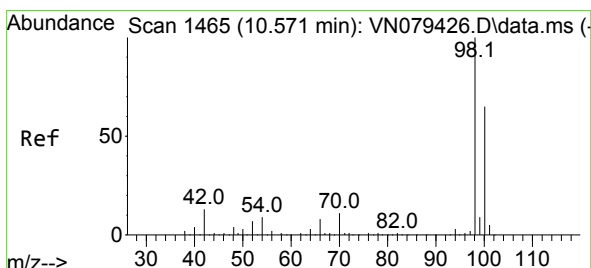
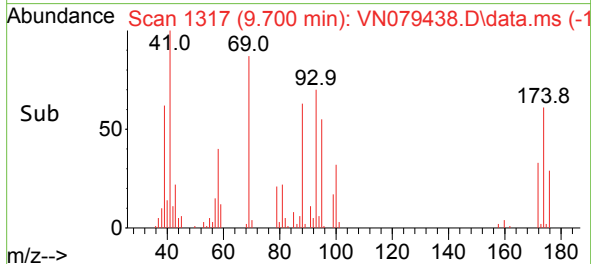
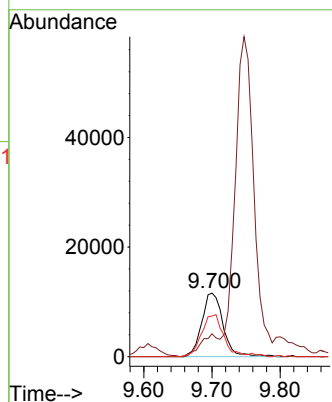
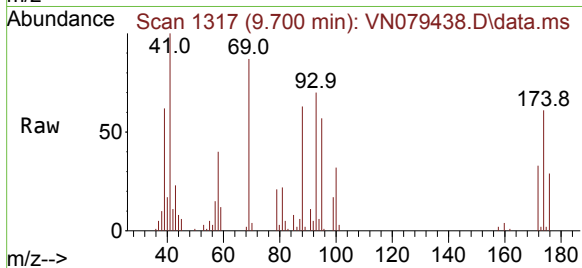
Tgt Ion: 88 Resp: 25298

Ion Ratio Lower Upper

88 100

43 30.6 17.0 25.6#

58 68.0 47.0 70.4



#50

Toluene-d8

Concen: 52.760 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079438.D

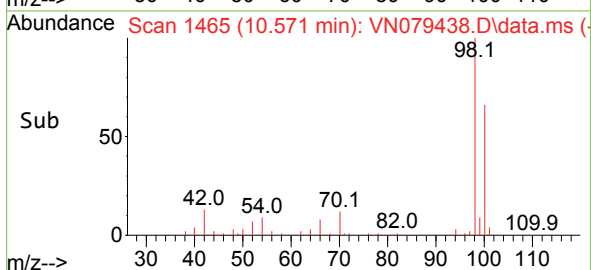
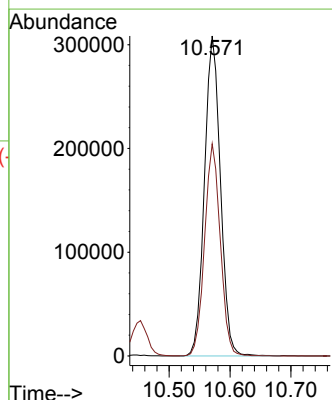
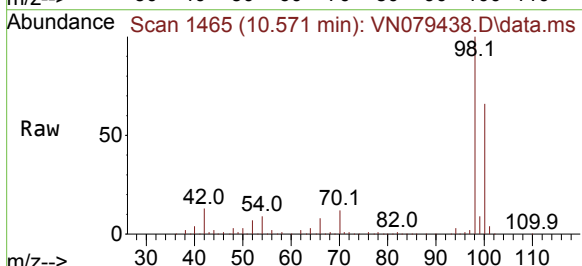
Acq: 06 Oct 2023 11:29

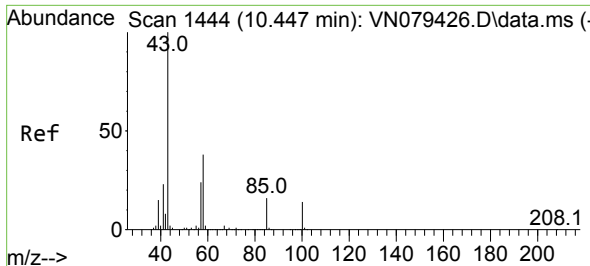
Tgt Ion: 98 Resp: 563069

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0

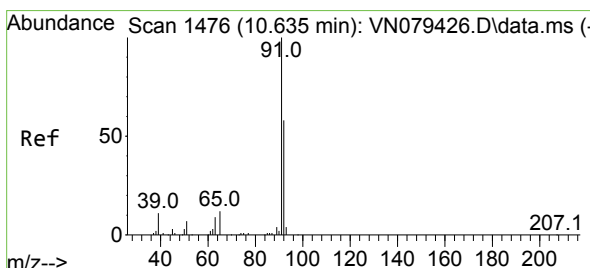
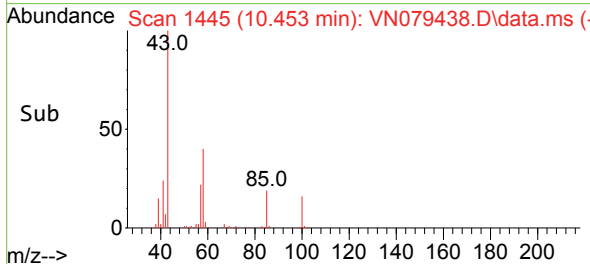
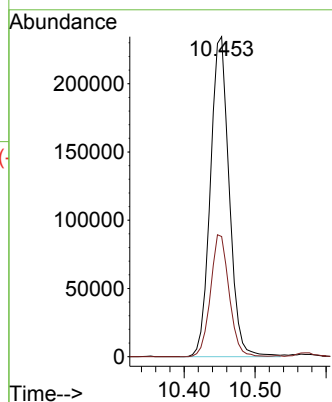
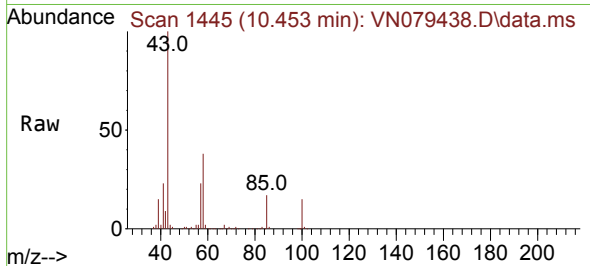




#51
4-Methyl-2-Pentanone
Concen: 99.004 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

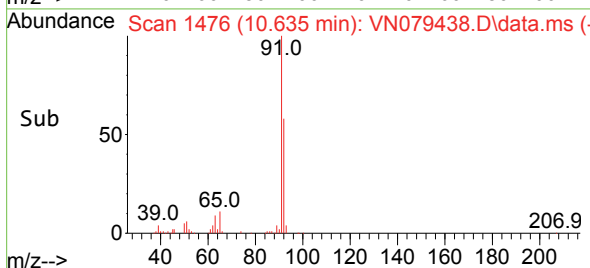
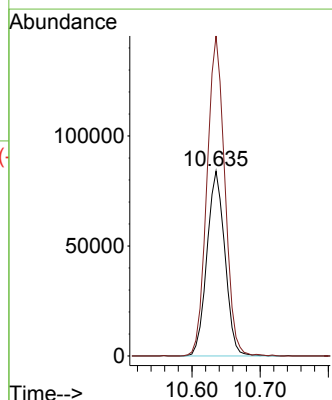
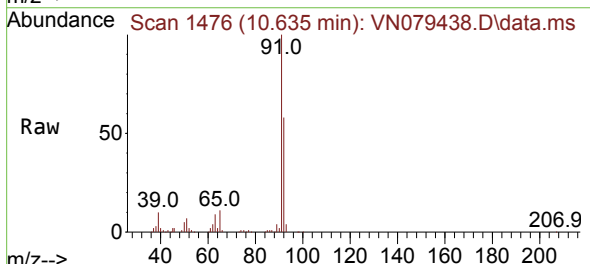
Instrument :
MSVOA_N
ClientSampleId :

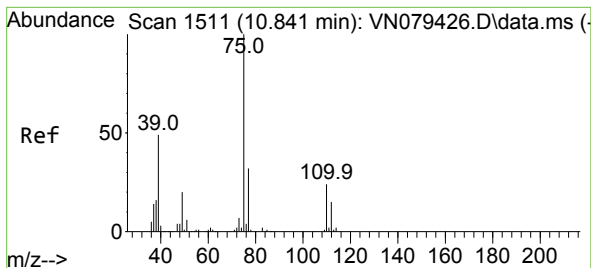
Tgt Ion: 43 Resp: 431290
Ion Ratio Lower Upper
43 100
58 37.8 36.6 54.8



#52
Toluene
Concen: 19.858 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

Tgt Ion: 92 Resp: 153678
Ion Ratio Lower Upper
92 100
91 172.2 137.4 206.0

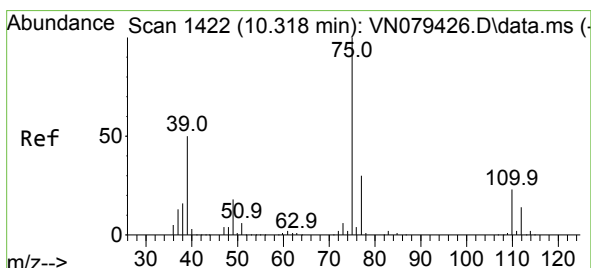
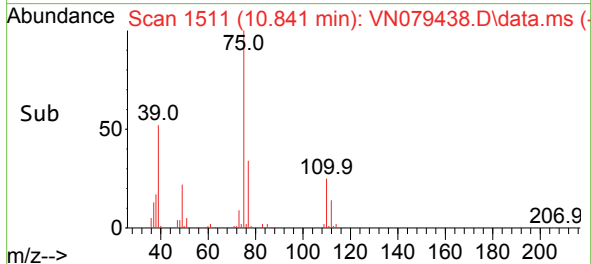
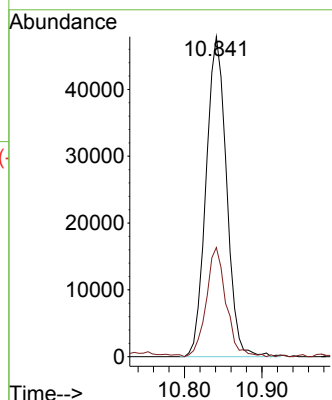
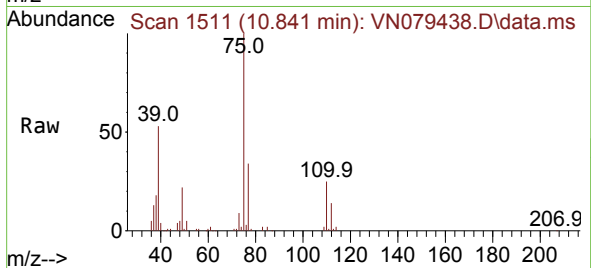




#53
t-1,3-Dichloropropene
Concen: 18.900 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

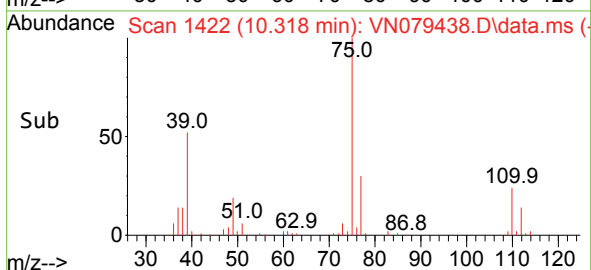
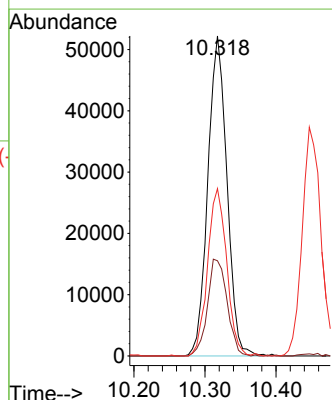
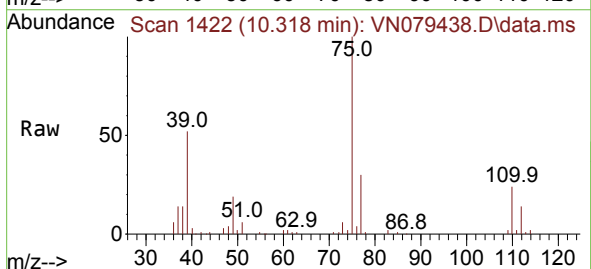
Instrument :
MSVOA_N
ClientSampleId :

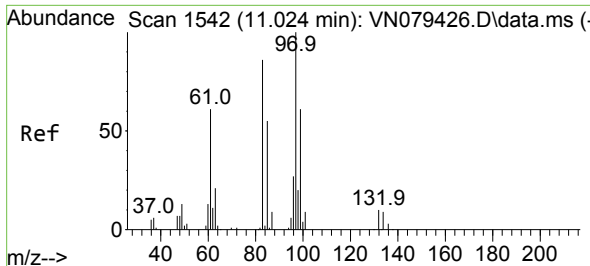
Tgt Ion: 75 Resp: 87894
Ion Ratio Lower Upper
75 100
77 33.5 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 19.168 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

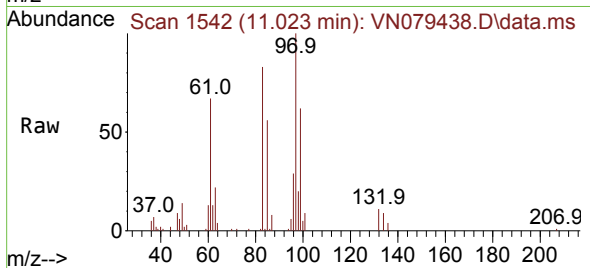
Tgt Ion: 75 Resp: 97585
Ion Ratio Lower Upper
75 100
77 29.8 26.1 39.1
39 52.3 31.6 47.4#



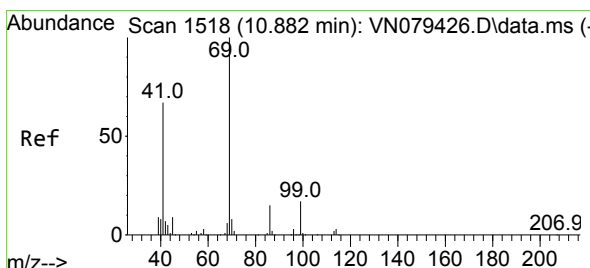
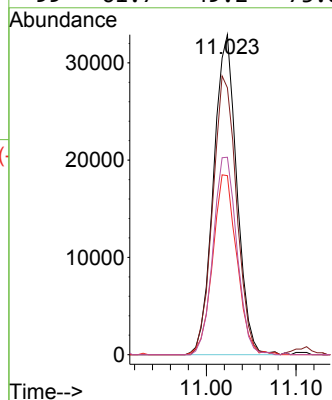
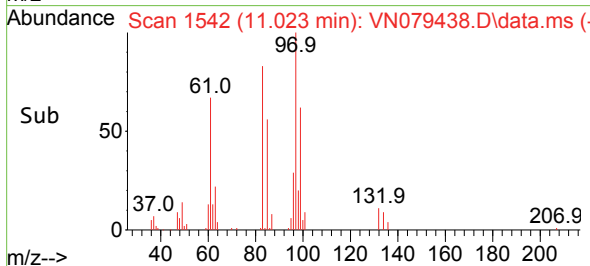


#55
1,1,2-Trichloroethane
Concen: 19.106 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

Instrument :
MSVOA_N
ClientSampleId :

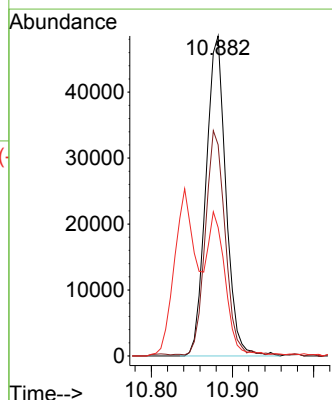
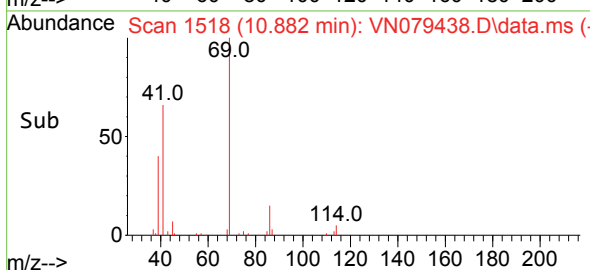
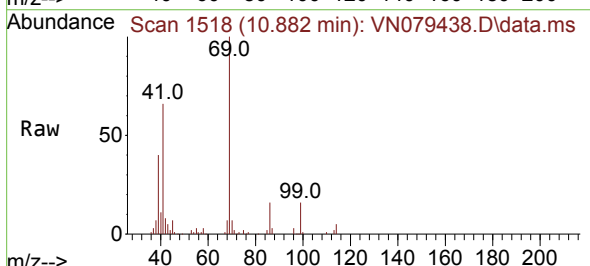


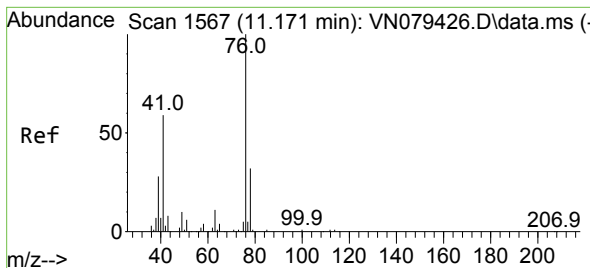
Tgt Ion:	97	Resp:	59360
Ion	Ratio	Lower	Upper
97	100		
83	83.4	65.1	97.7
85	55.9	43.4	65.2
99	61.7	49.2	73.8



#56
Ethyl methacrylate
Concen: 19.342 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

Tgt Ion:	69	Resp:	82573
Ion	Ratio	Lower	Upper
69	100		
41	69.6	39.6	59.4#
39	37.9	28.6	43.0





#57

1,3-Dichloropropane

Concen: 19.934 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.006 min

Lab File: VN079438.D

Acq: 06 Oct 2023 11:29

Instrument :

MSVOA_N

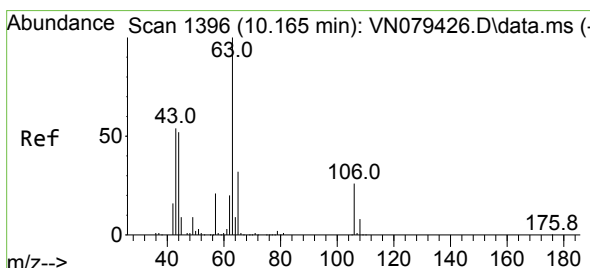
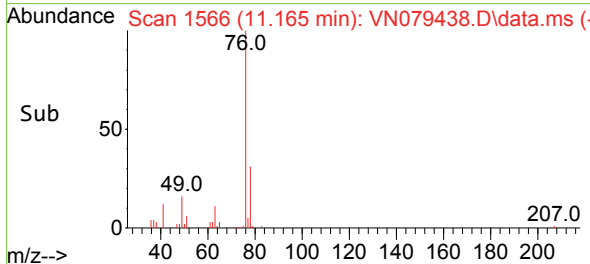
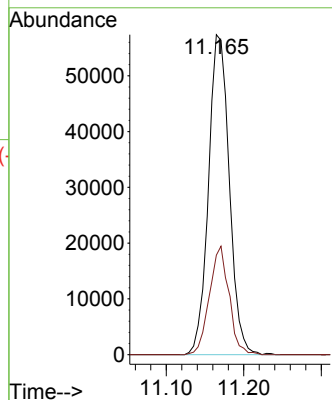
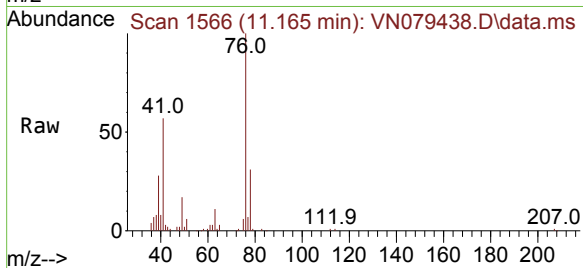
ClientSampleId :

Tgt Ion: 76 Resp: 106941

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 109.923 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079438.D

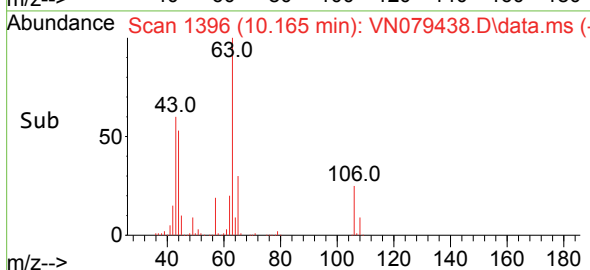
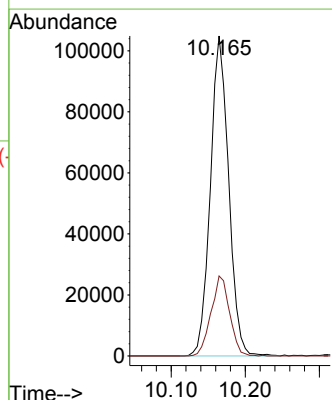
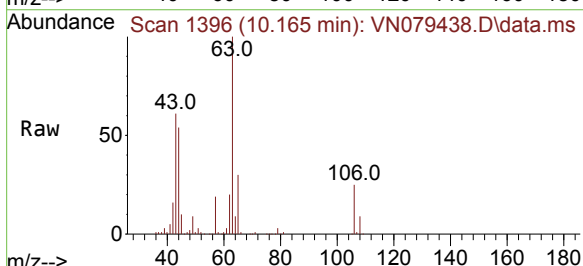
Acq: 06 Oct 2023 11:29

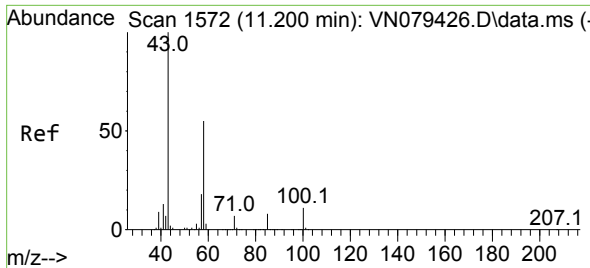
Tgt Ion: 63 Resp: 179718

Ion Ratio Lower Upper

63 100

106 25.4 26.2 39.4#

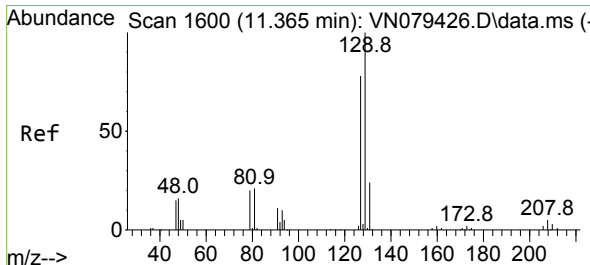
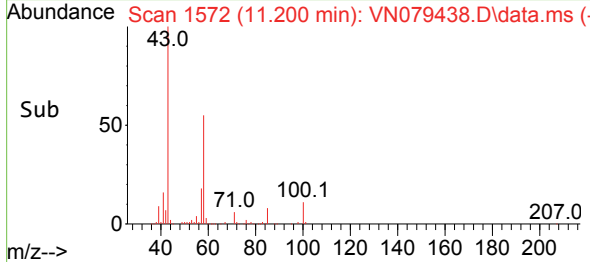
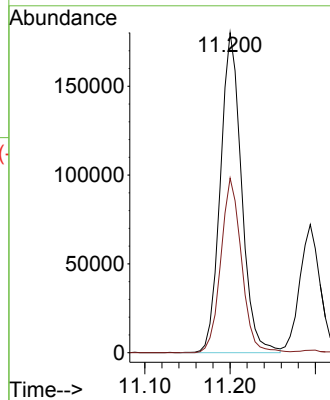
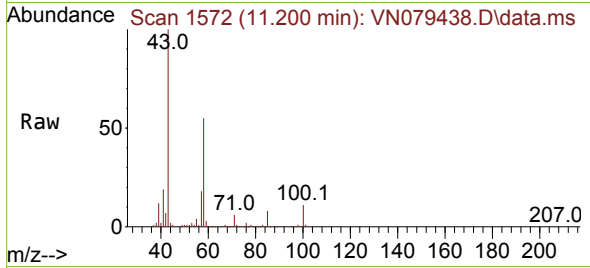




#59
2-Hexanone
Concen: 98.797 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

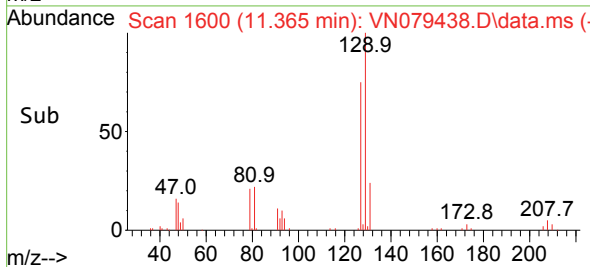
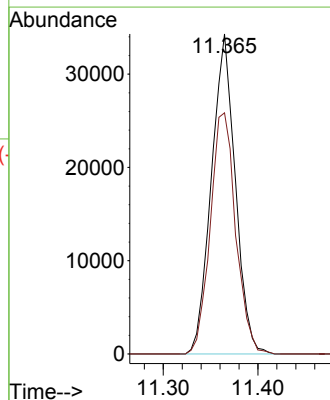
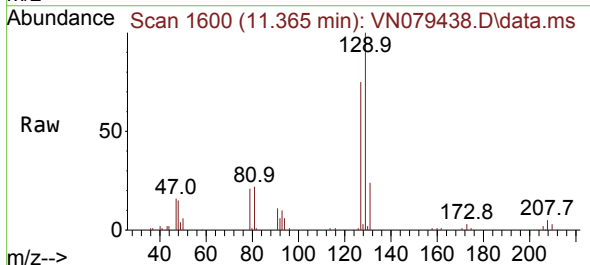
Instrument :
MSVOA_N
ClientSampleId :

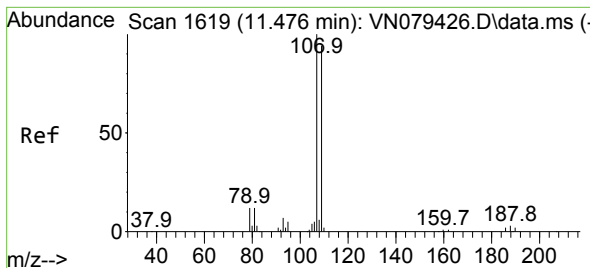
Tgt Ion: 43 Resp: 310569
Ion Ratio Lower Upper
43 100
58 53.4 31.7 95.1



#60
Dibromochloromethane
Concen: 19.239 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

Tgt Ion:129 Resp: 60074
Ion Ratio Lower Upper
129 100
127 80.1 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.380 ug/l

RT: 11.476 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079438.D

Acq: 06 Oct 2023 11:29

Instrument :

MSVOA_N

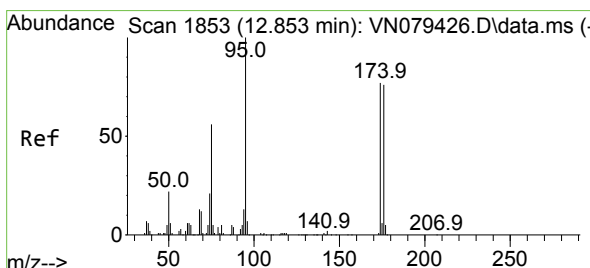
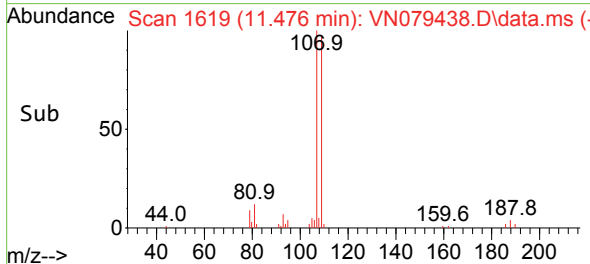
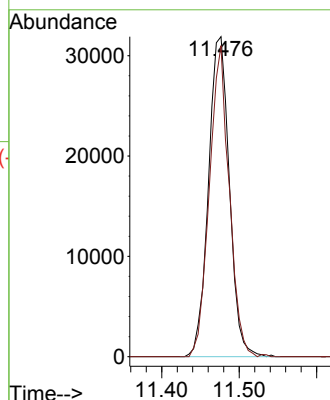
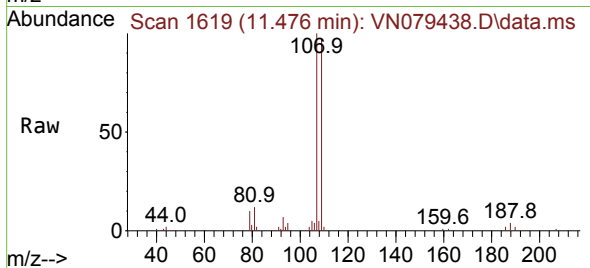
ClientSampleId :

Tgt Ion:107 Resp: 59752

Ion Ratio Lower Upper

107 100

109 91.9 76.6 114.8



#62

4-Bromofluorobenzene

Concen: 51.300 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN079438.D

Acq: 06 Oct 2023 11:29

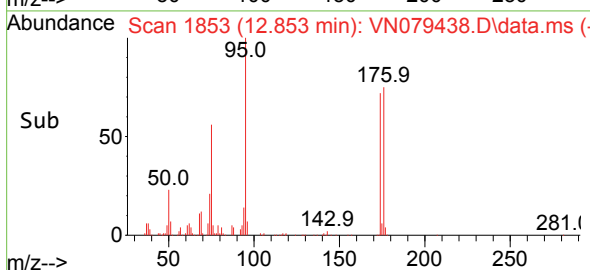
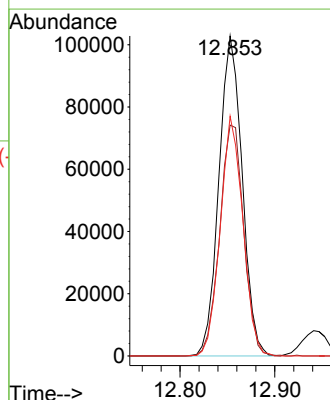
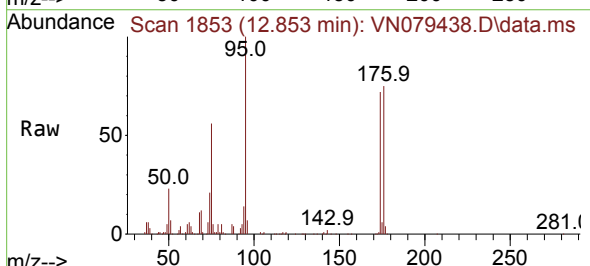
Tgt Ion: 95 Resp: 175699

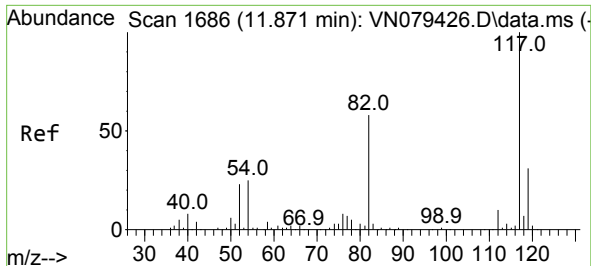
Ion Ratio Lower Upper

95 100

174 74.4 0.0 143.8

176 72.8 0.0 135.8

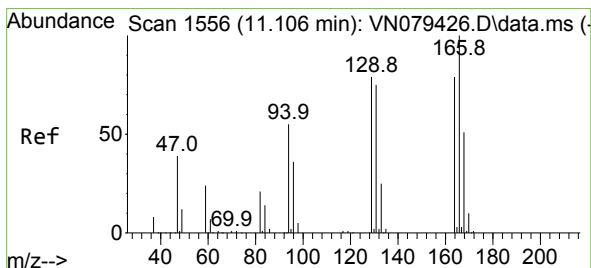
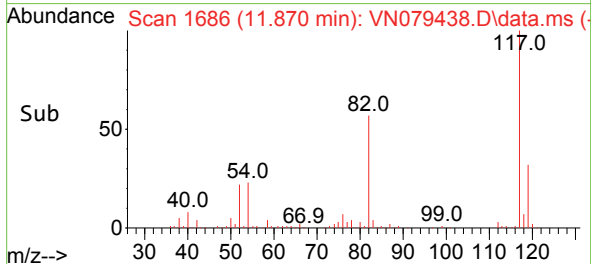
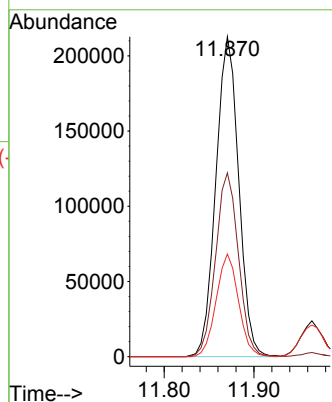
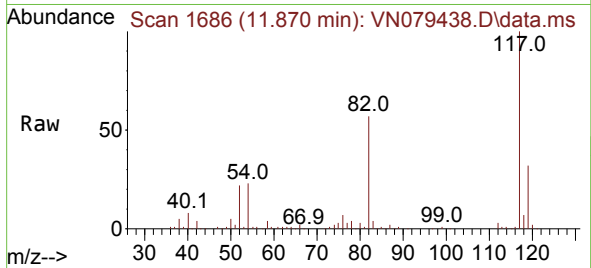




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

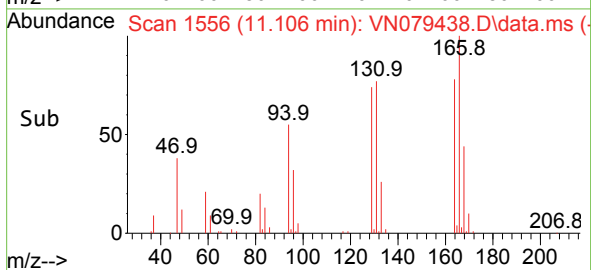
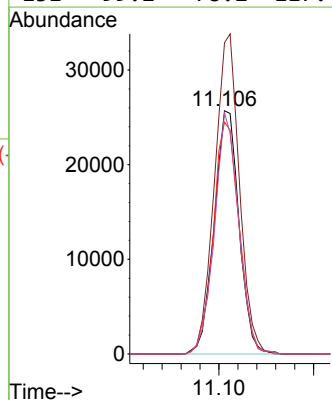
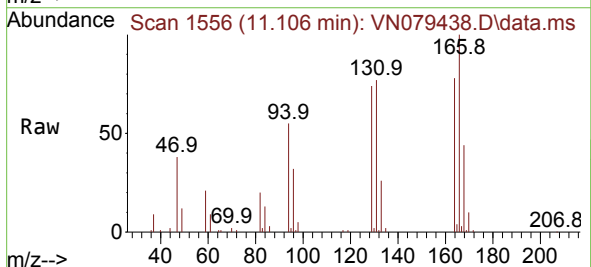
Instrument :
MSVOA_N
ClientSampleId :

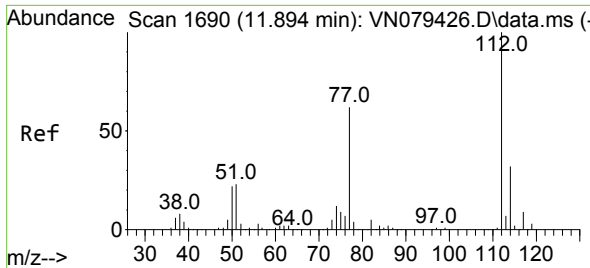
Tgt Ion:117 Resp: 376346
Ion Ratio Lower Upper
117 100
82 57.4 44.0 66.0
119 32.1 25.6 38.4



#64
Tetrachloroethene
Concen: 18.078 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

Tgt Ion:164 Resp: 46804
Ion Ratio Lower Upper
164 100
166 128.0 101.4 152.0
129 95.3 82.4 123.6
131 99.2 78.2 117.4

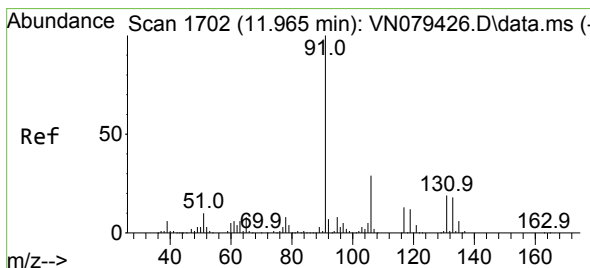
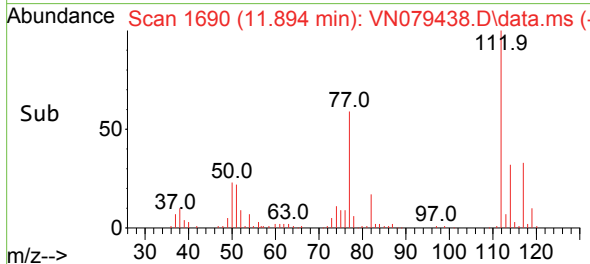
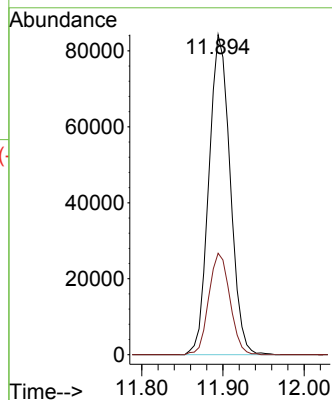
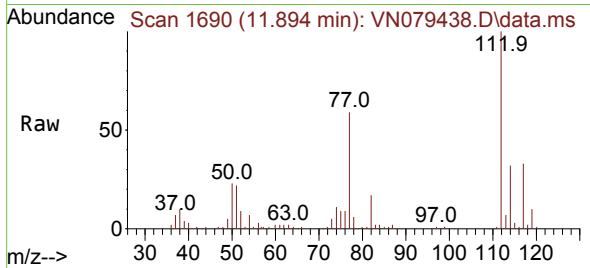




#65
Chlorobenzene
Concen: 18.292 ug/l
RT: 11.894 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

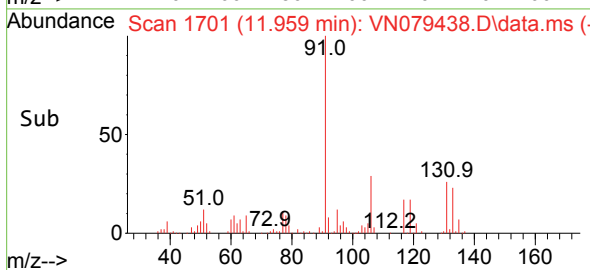
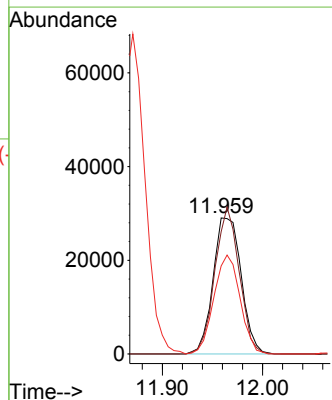
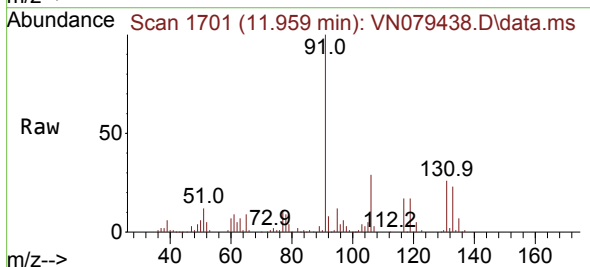
Instrument :
MSVOA_N
ClientSampleId :

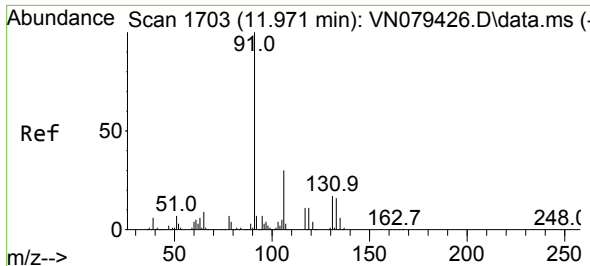
Tgt Ion:112 Resp: 153314
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.472 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

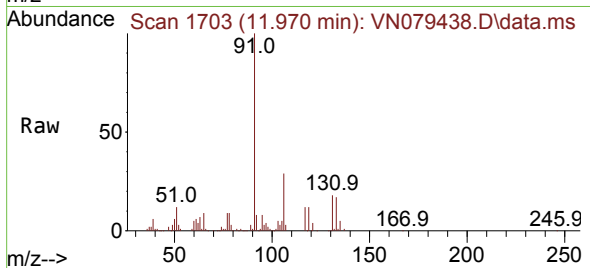
Tgt Ion:131 Resp: 56686
Ion Ratio Lower Upper
131 100
133 93.3 46.4 139.1
119 67.6 34.1 102.2



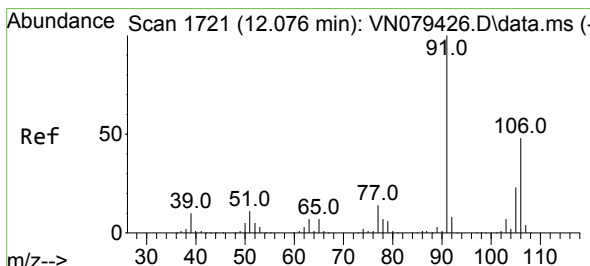
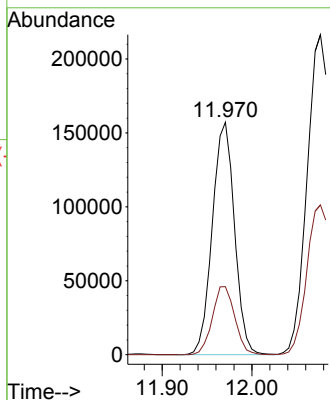
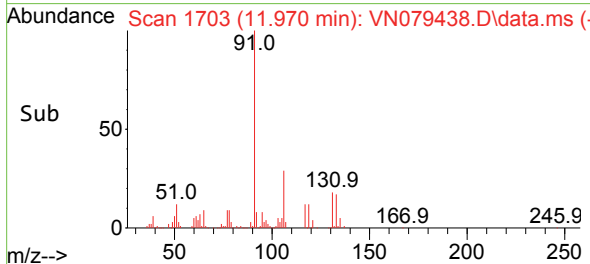


#67
Ethyl Benzene
Concen: 18.539 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

Instrument :
MSVOA_N
ClientSampleId :

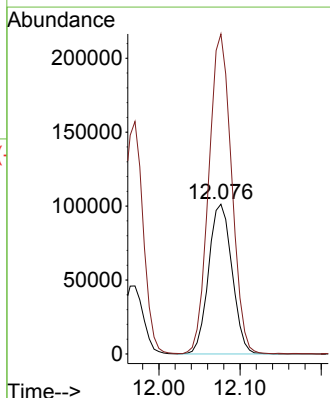
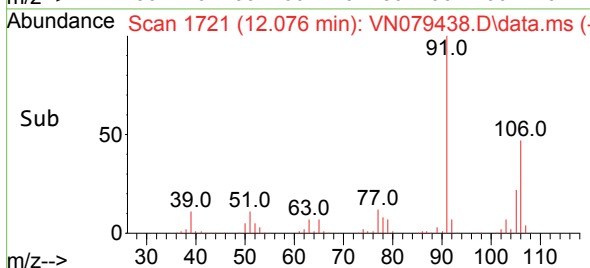
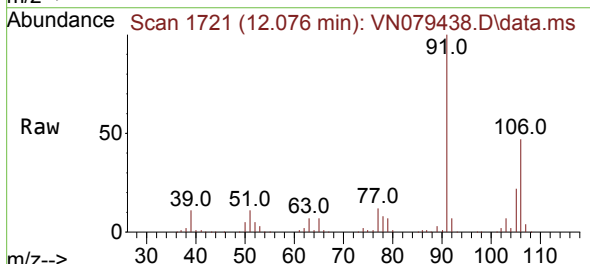


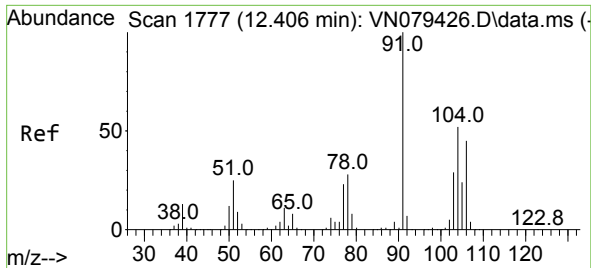
Tgt Ion: 91 Resp: 270070
Ion Ratio Lower Upper
91 100
106 29.3 25.6 38.4



#68
m/p-Xylenes
Concen: 38.406 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

Tgt Ion: 106 Resp: 203288
Ion Ratio Lower Upper
106 100
91 207.8 159.6 239.4

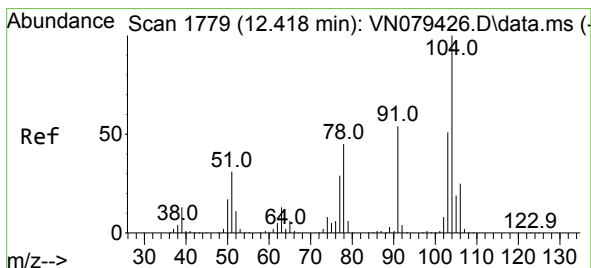
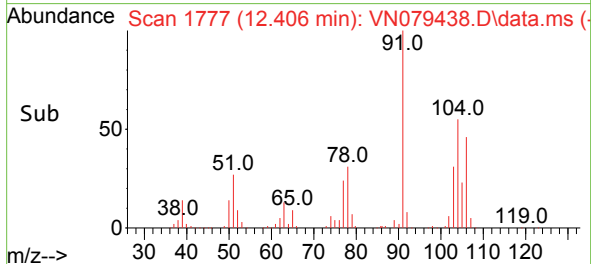
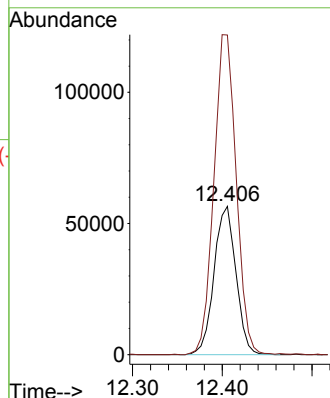
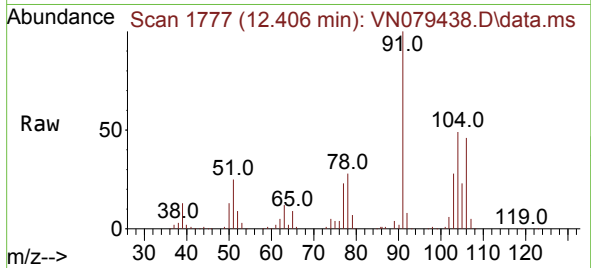




#69
o-Xylene
Concen: 18.405 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

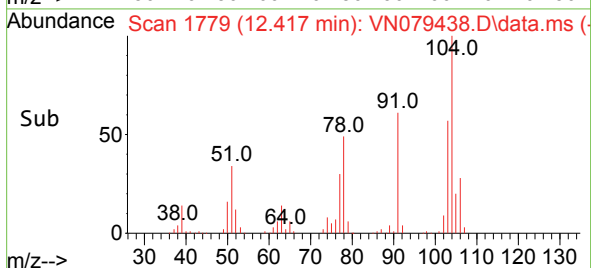
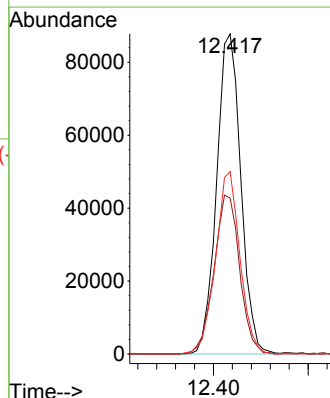
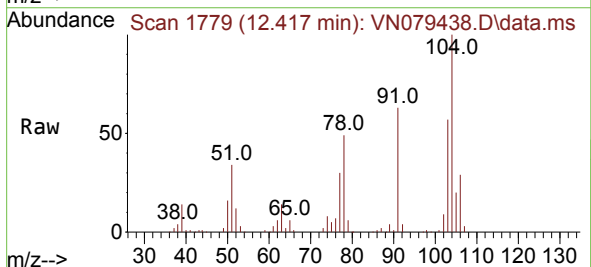
Instrument :
MSVOA_N
ClientSampleId :

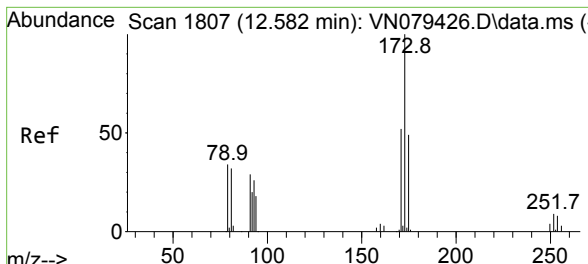
Tgt Ion:106 Resp: 95807
Ion Ratio Lower Upper
106 100
91 220.3 105.2 315.5



#70
Styrene
Concen: 18.938 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

Tgt Ion:104 Resp: 155715
Ion Ratio Lower Upper
104 100
78 52.6 39.5 59.3
103 57.4 43.2 64.8

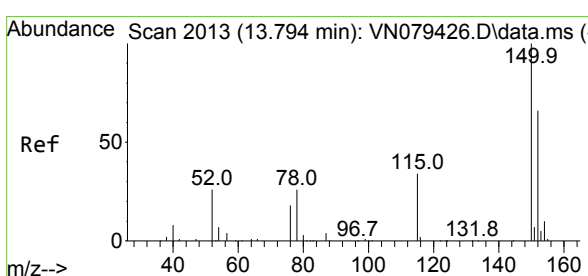
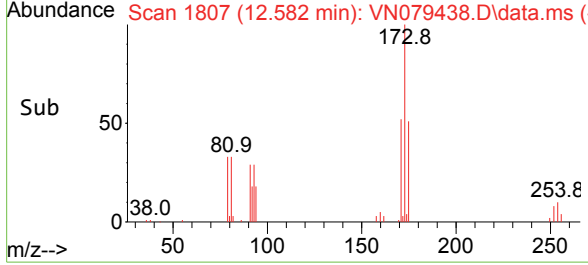
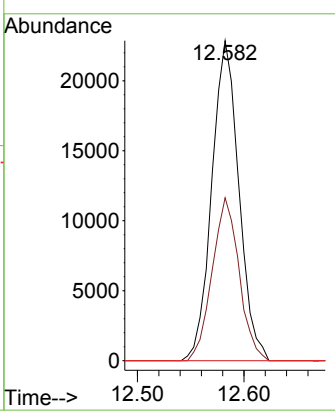
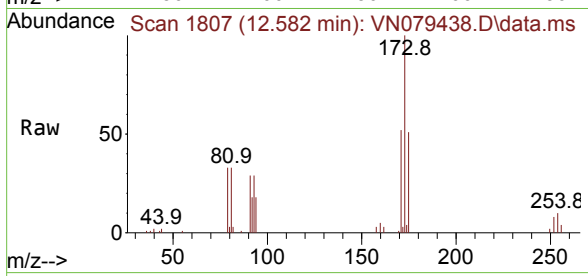




#71
 Bromoform
 Concen: 17.937 ug/l
 RT: 12.582 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN079438.D
 Acq: 06 Oct 2023 11:29

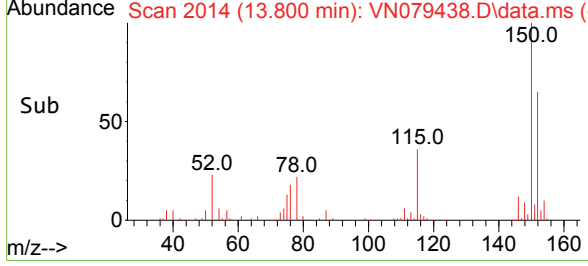
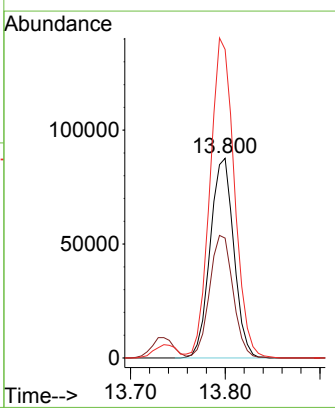
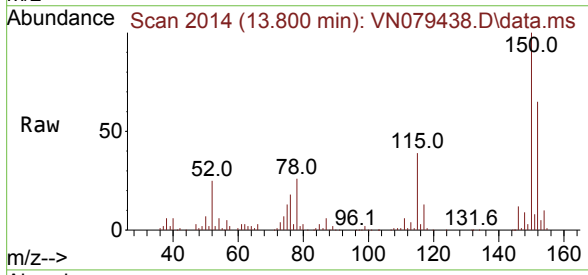
Instrument :
 MSVOA_N
 ClientSampleId :

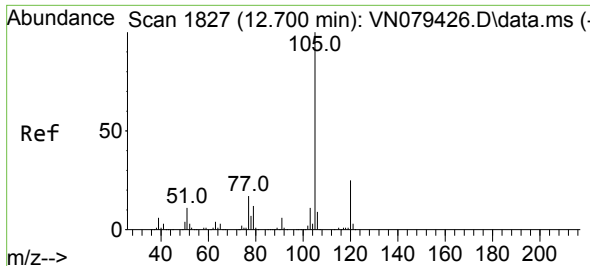
Tgt Ion:	173	Resp:	40285
Ion Ratio	Lower	Upper	
173	100		
175	50.7	24.3	73.0
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 2014
 Delta R.T. 0.006 min
 Lab File: VN079438.D
 Acq: 06 Oct 2023 11:29

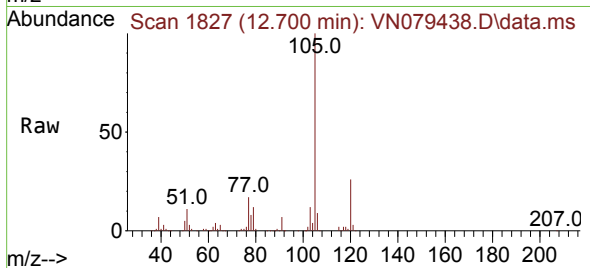
Tgt Ion:	152	Resp:	152130
Ion Ratio	Lower	Upper	
152	100		
115	61.2	32.3	96.8
150	165.0	0.0	355.8



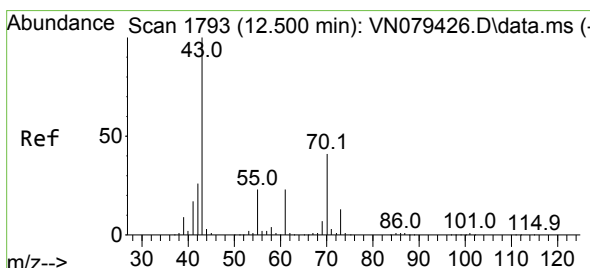
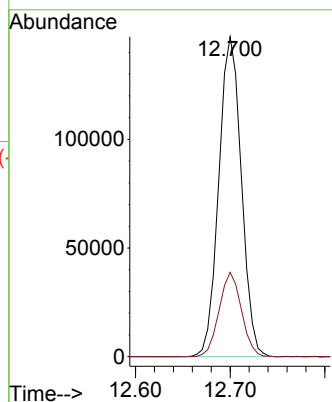
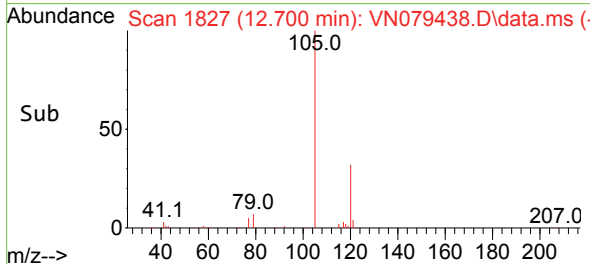


#73
Isopropylbenzene
Concen: 17.228 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

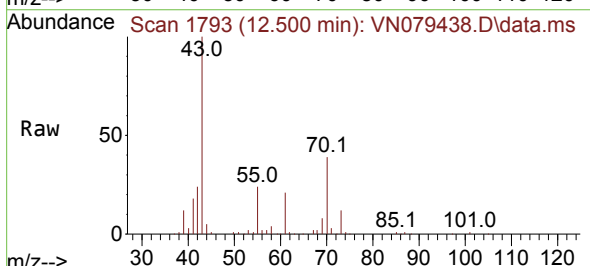
Instrument :
MSVOA_N
ClientSampleId :



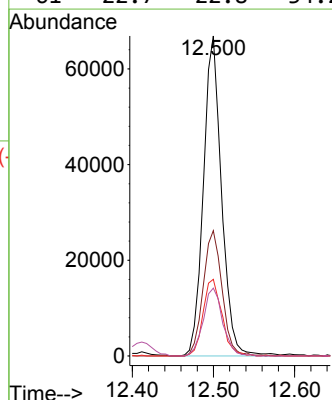
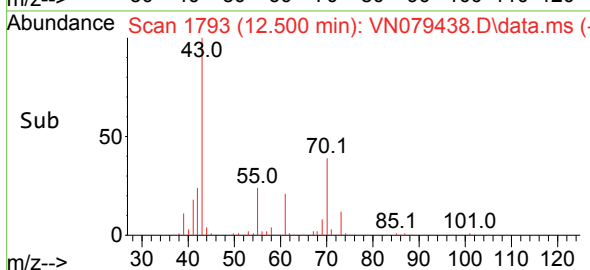
Tgt Ion:105 Resp: 243825
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1

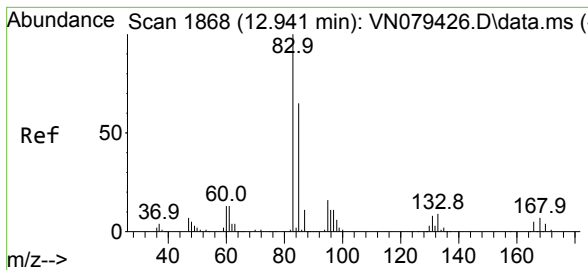


#74
N-ethyl acetate
Concen: 17.914 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29



Tgt Ion: 43 Resp: 103940
Ion Ratio Lower Upper
43 100
70 40.7 43.4 65.2#
55 24.9 21.4 32.0
61 22.7 22.8 34.2#

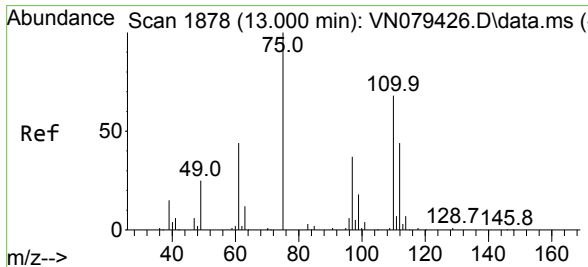
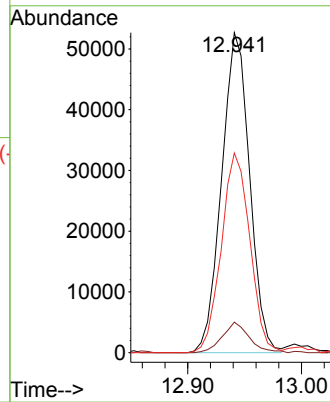
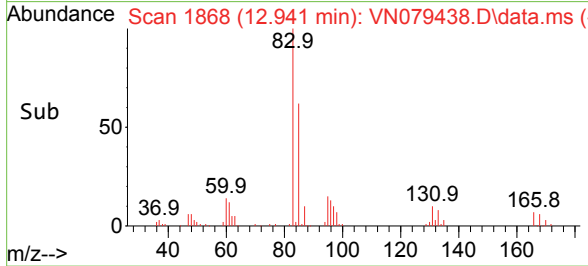
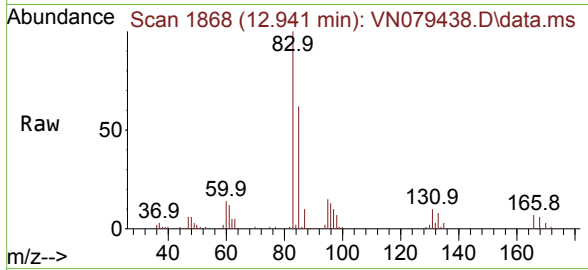




#75
1,1,2,2-Tetrachloroethane
Concen: 19.009 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

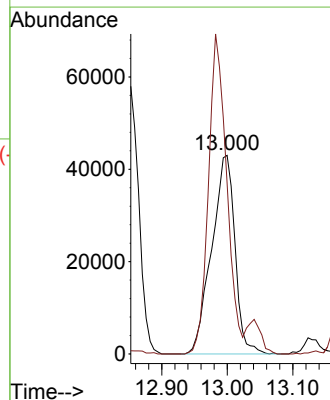
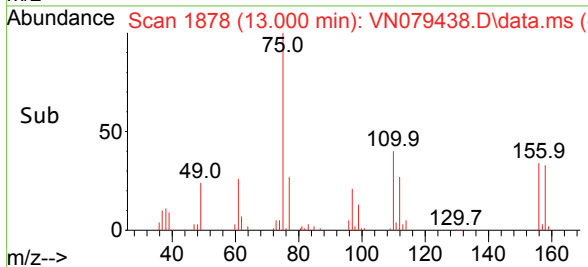
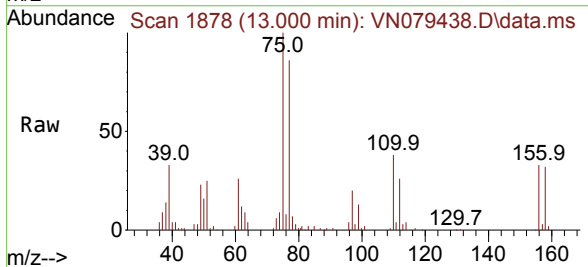
Instrument :
MSVOA_N
ClientSampleId :

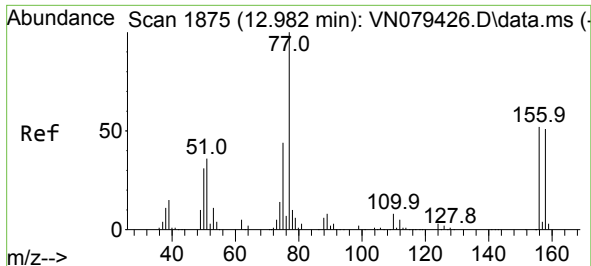
Tgt Ion: 83 Resp: 90278
Ion Ratio Lower Upper
83 100
131 9.1 5.0 15.0
85 63.5 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 24.146 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

Tgt Ion: 75 Resp: 105914
Ion Ratio Lower Upper
75 100
77 126.5 84.5 253.5

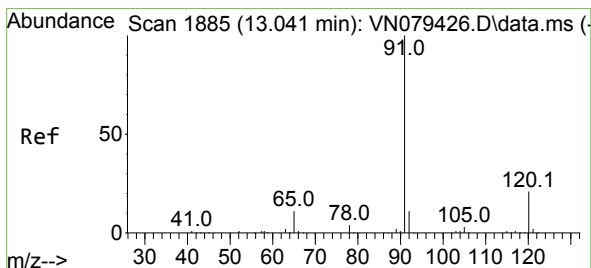
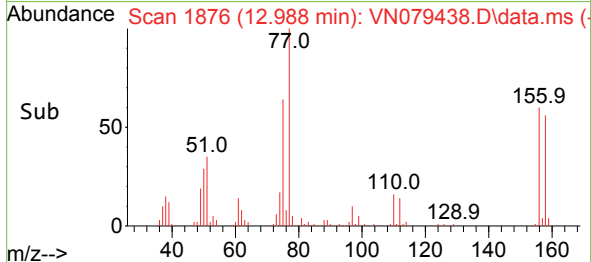
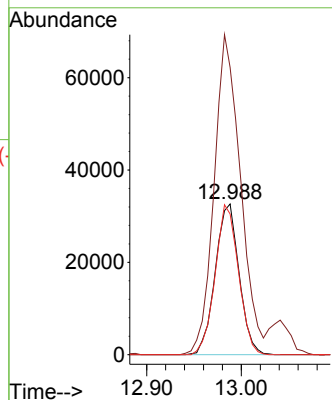
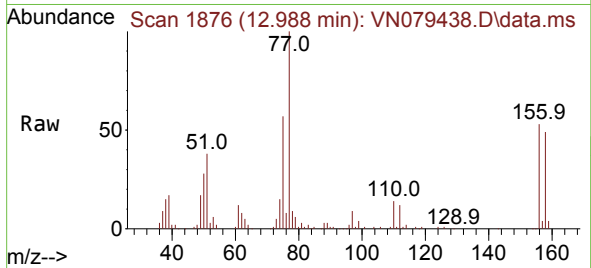




#77
Bromobenzene
Concen: 16.465 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

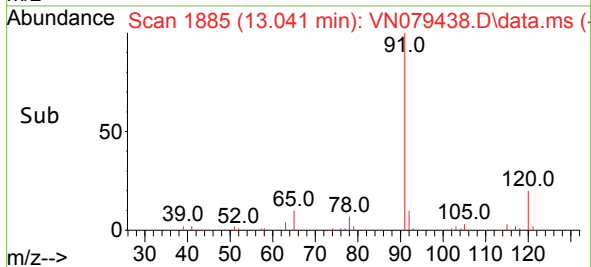
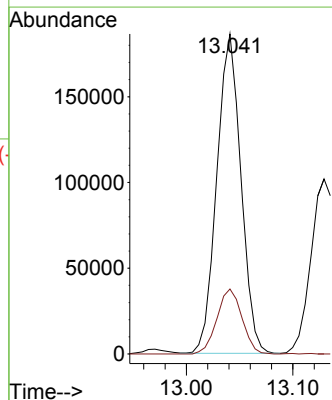
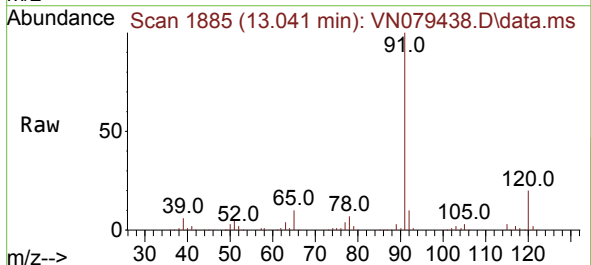
Instrument :
MSVOA_N
ClientSampleId :

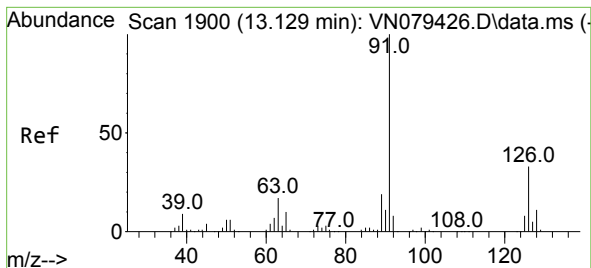
Tgt Ion:156 Resp: 57139
Ion Ratio Lower Upper
156 100
77 234.5 107.7 323.3
158 97.4 48.4 145.3



#78
n-propylbenzene
Concen: 18.262 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

Tgt Ion: 91 Resp: 292421
Ion Ratio Lower Upper
91 100
120 21.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 17.285 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VN079438.D

Acq: 06 Oct 2023 11:29

Instrument :

MSVOA_N

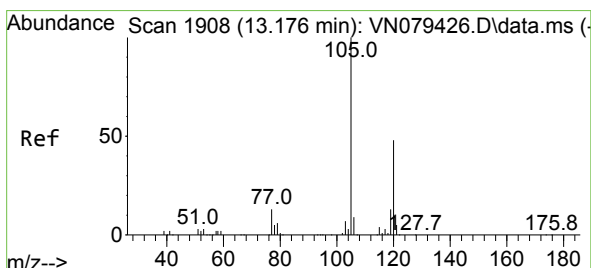
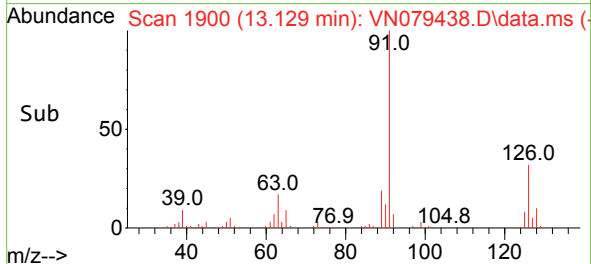
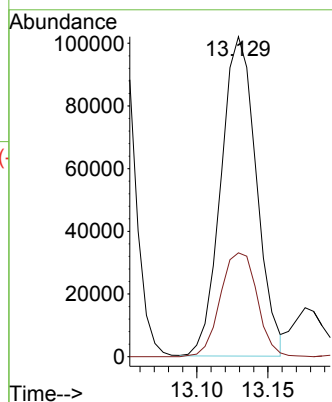
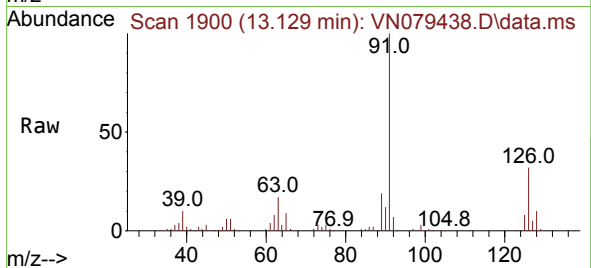
ClientSampleId :

Tgt Ion: 91 Resp: 177118

Ion Ratio Lower Upper

91 100

126 33.7 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 18.758 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079438.D

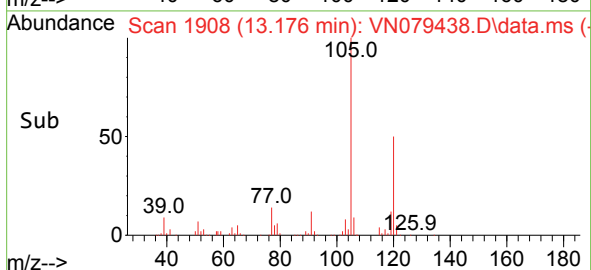
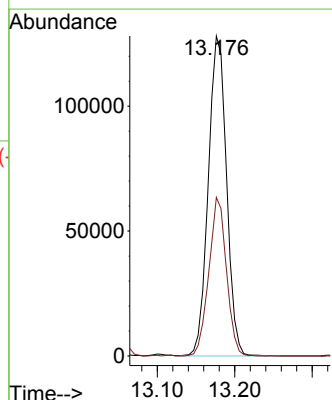
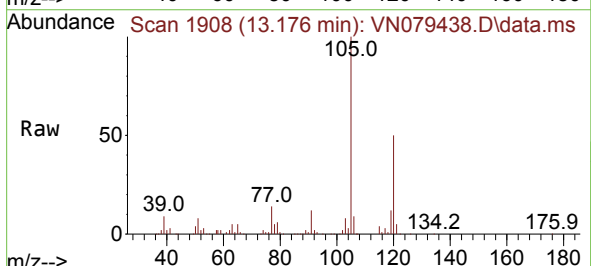
Acq: 06 Oct 2023 11:29

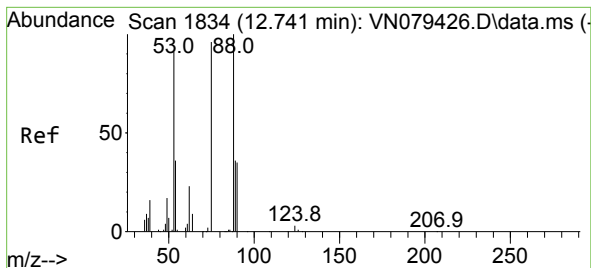
Tgt Ion: 105 Resp: 209351

Ion Ratio Lower Upper

105 100

120 47.7 24.1 72.3

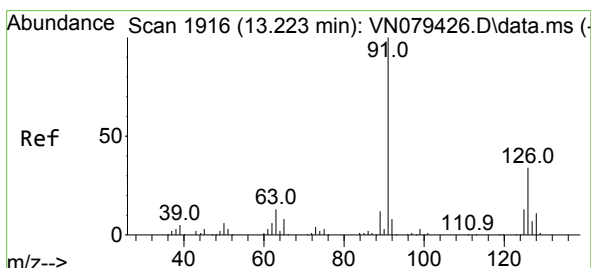
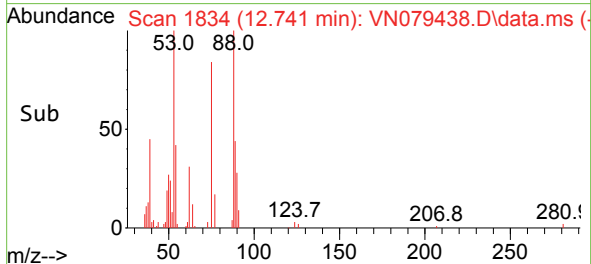
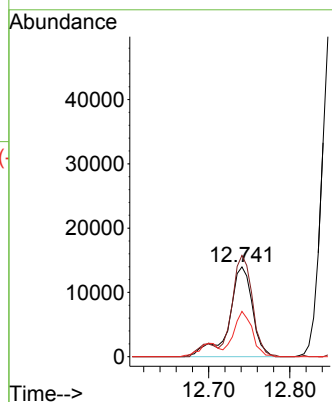
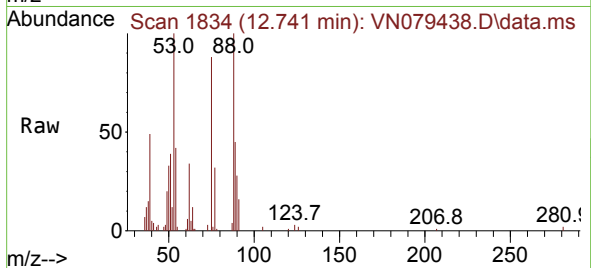




#81
trans-1,4-Dichloro-2-butene
Concen: 18.500 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

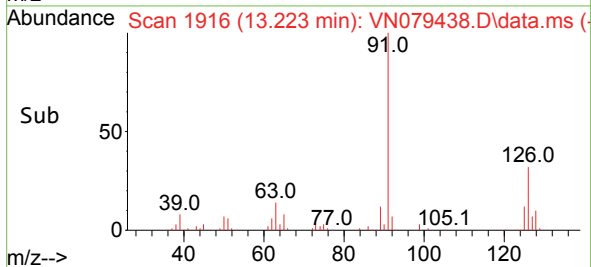
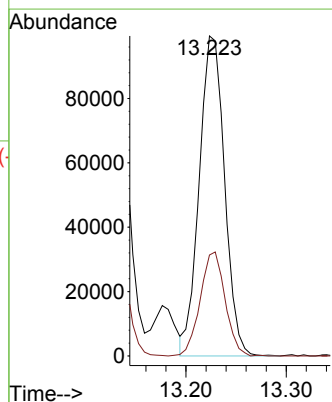
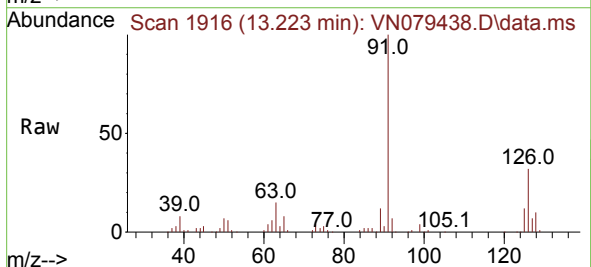
Instrument :
MSVOA_N
ClientSampleId :

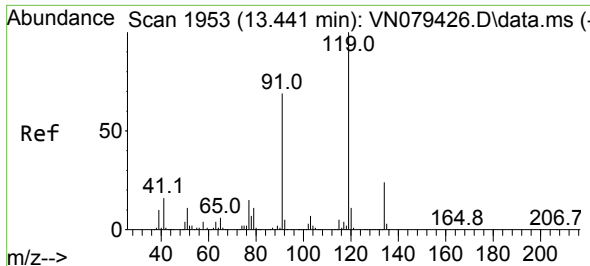
Tgt Ion: 75 Resp: 27967
Ion Ratio Lower Upper
75 100
53 96.0 67.4 101.2
89 39.8 38.8 58.2



#82
4-Chlorotoluene
Concen: 17.931 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

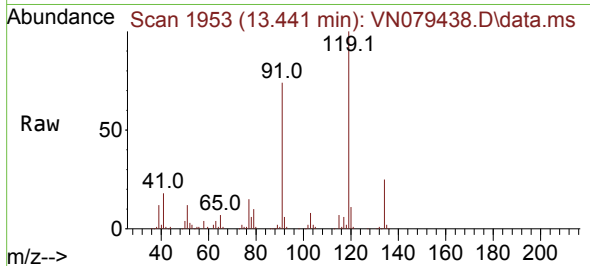
Tgt Ion: 91 Resp: 174831
Ion Ratio Lower Upper
91 100
126 32.0 16.7 50.0



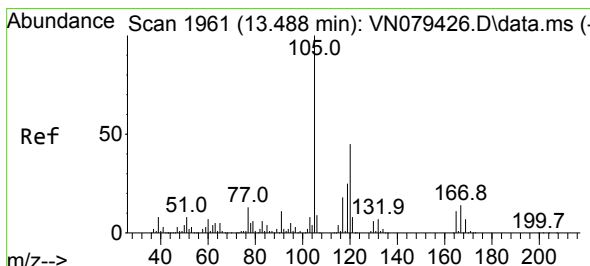
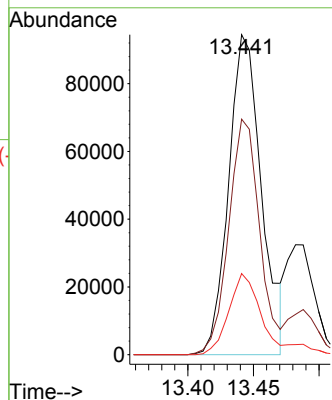
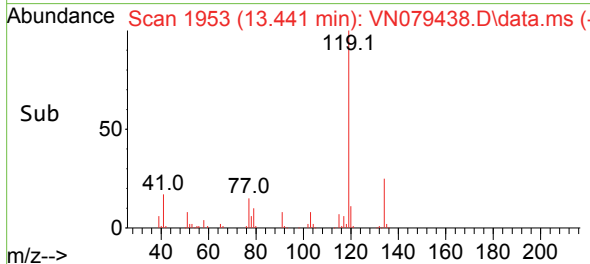


#83
tert-Butylbenzene
Concen: 17.996 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

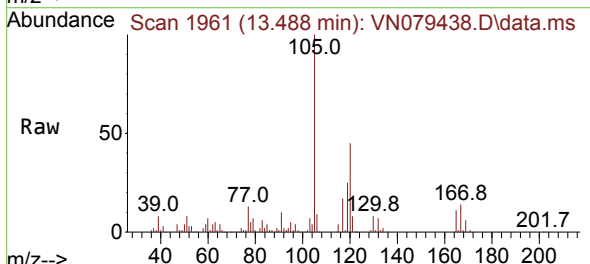
Instrument :
MSVOA_N
ClientSampleId :



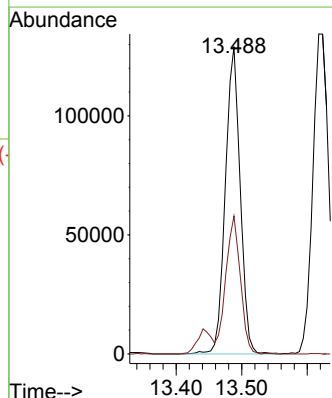
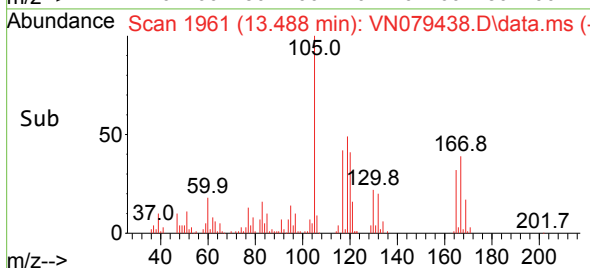
Tgt Ion:119 Resp: 164550
Ion Ratio Lower Upper
119 100
91 69.5 33.9 101.7
134 26.6 13.2 39.6

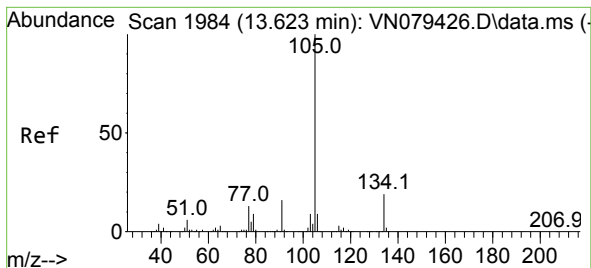


#84
1,2,4-Trimethylbenzene
Concen: 19.002 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29



Tgt Ion:105 Resp: 202390
Ion Ratio Lower Upper
105 100
120 44.2 22.0 66.0





#85

sec-Butylbenzene

Concen: 17.847 ug/l

RT: 13.617 min Scan# 1984

Delta R.T. -0.006 min

Lab File: VN079438.D

Acq: 06 Oct 2023 11:29

Instrument :

MSVOA_N

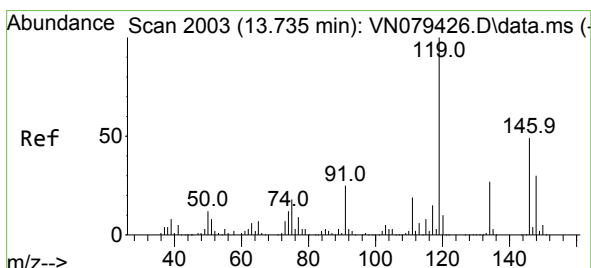
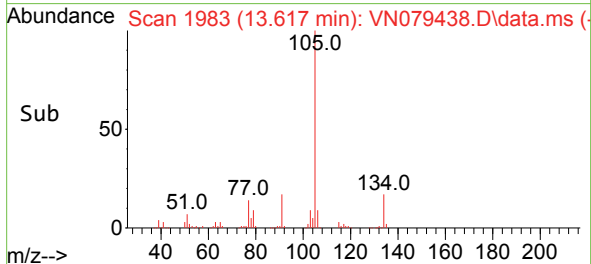
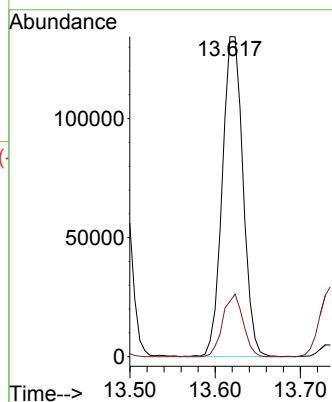
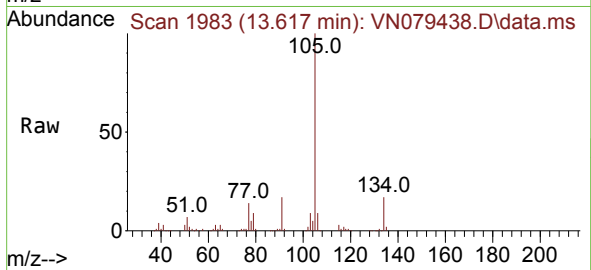
ClientSampleId :

Tgt Ion:105 Resp: 227622

Ion Ratio Lower Upper

105 100

134 19.2 9.8 29.3



#86

p-Isopropyltoluene

Concen: 18.538 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN079438.D

Acq: 06 Oct 2023 11:29

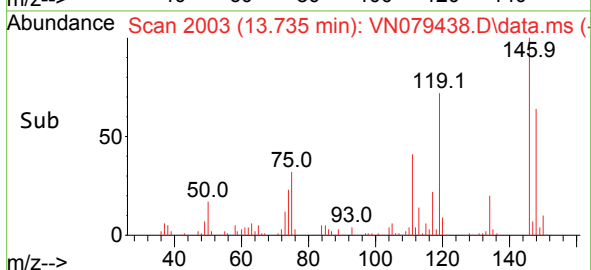
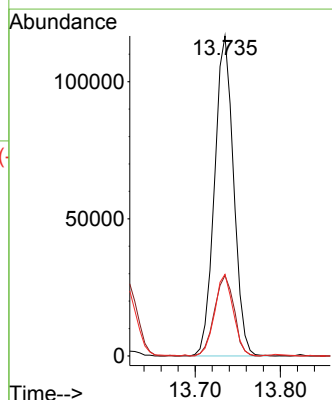
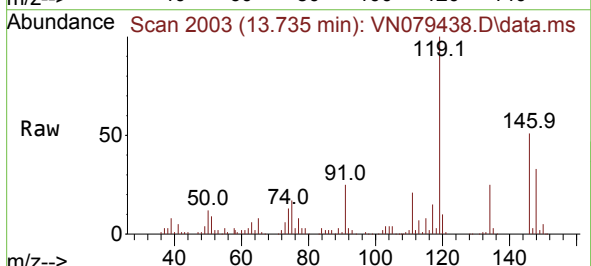
Tgt Ion:119 Resp: 181380

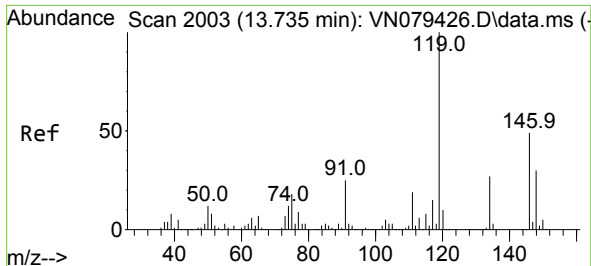
Ion Ratio Lower Upper

119 100

134 25.9 12.6 37.8

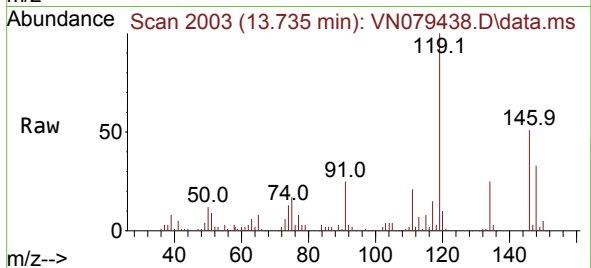
91 25.0 12.4 37.2



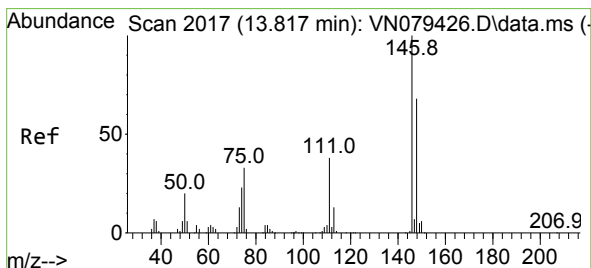
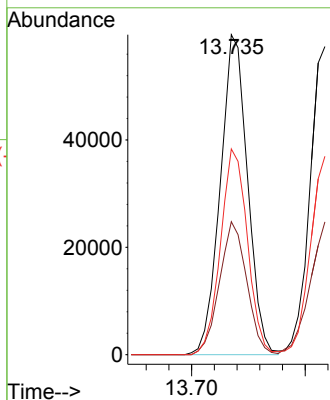
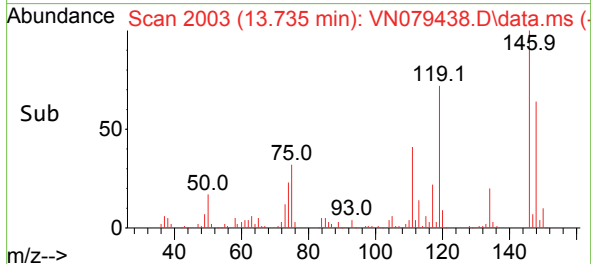


#87
1,3-Dichlorobenzene
Concen: 18.096 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

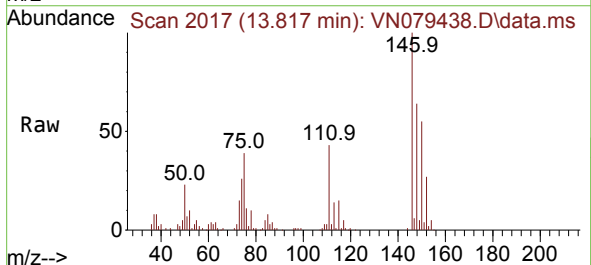
Instrument :
MSVOA_N
ClientSampleId :



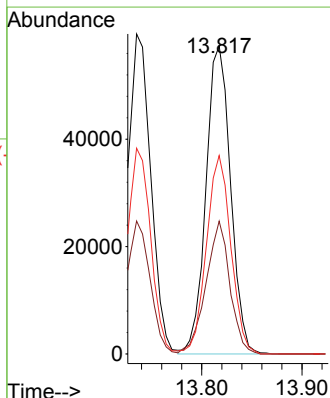
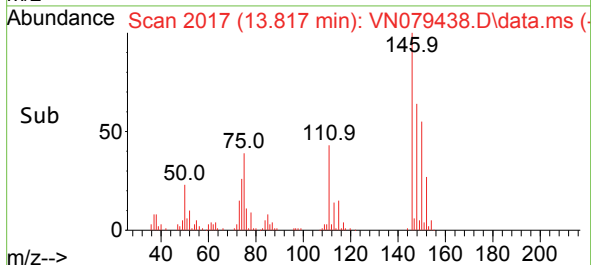
Tgt Ion:146 Resp: 99605
Ion Ratio Lower Upper
146 100
111 41.5 22.1 66.3
148 63.4 32.0 96.0

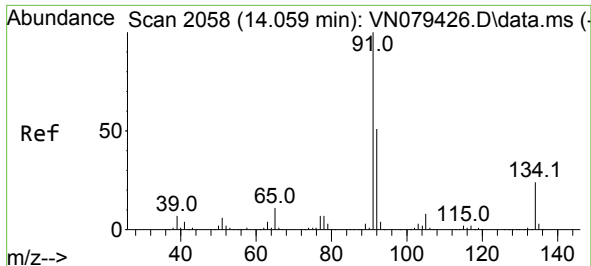


#88
1,4-Dichlorobenzene
Concen: 17.239 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29



Tgt Ion:146 Resp: 97977
Ion Ratio Lower Upper
146 100
111 42.0 20.6 61.8
148 64.0 31.6 94.8

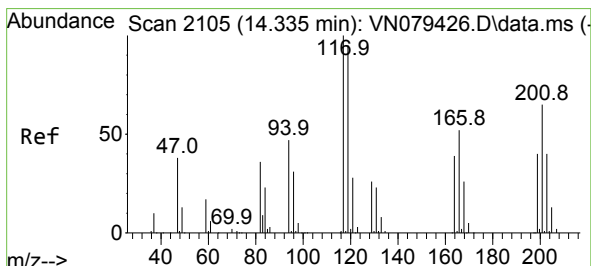
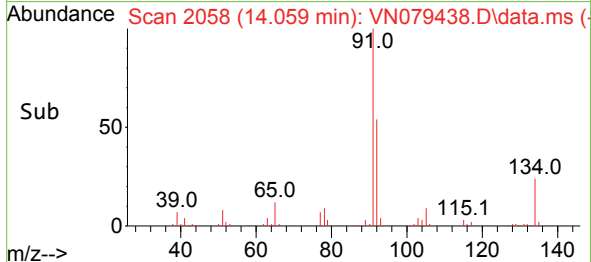
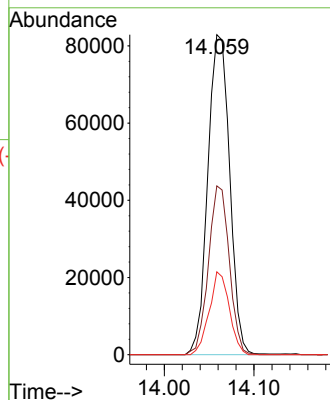
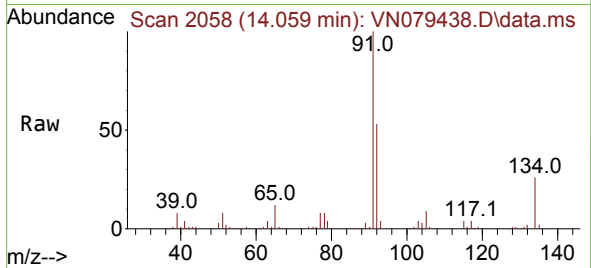




#89
n-Butylbenzene
Concen: 17.954 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

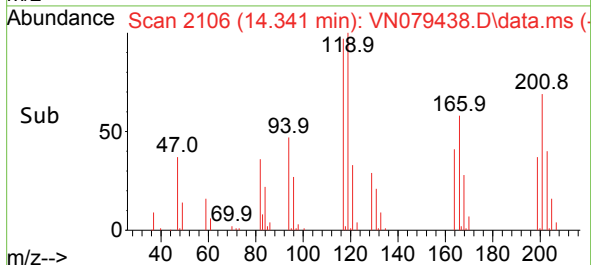
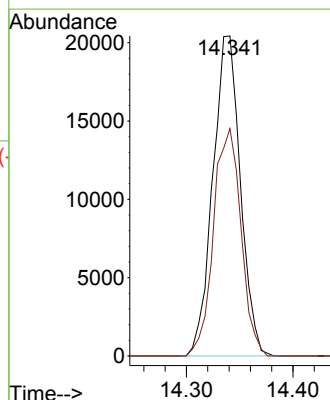
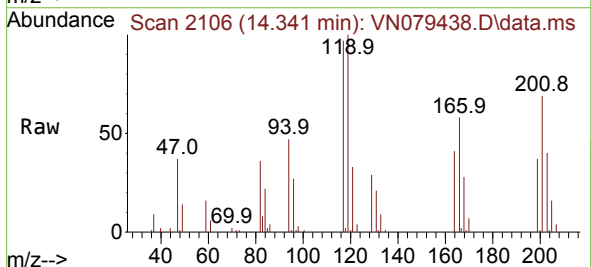
Instrument :
MSVOA_N
ClientSampleId :

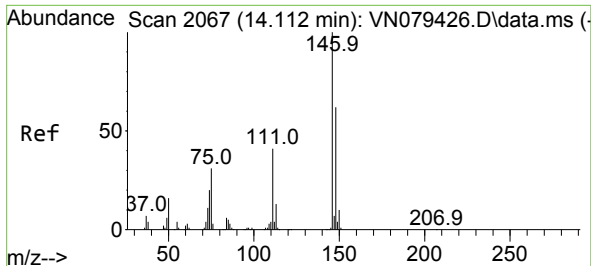
Tgt Ion: 91 Resp: 140277
Ion Ratio Lower Upper
91 100
92 50.3 26.4 79.0
134 23.7 12.6 37.6



#90
Hexachloroethane
Concen: 17.811 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

Tgt Ion: 117 Resp: 36716
Ion Ratio Lower Upper
117 100
201 70.7 29.3 88.0

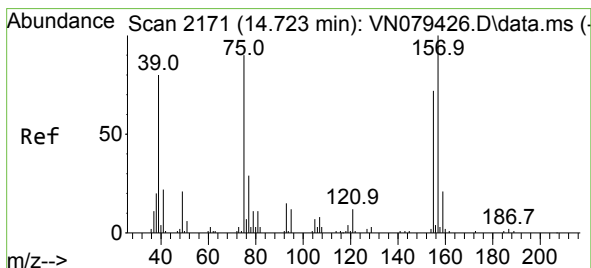
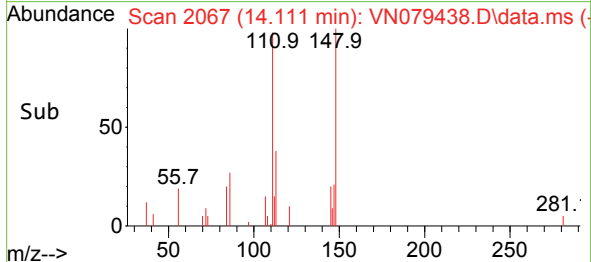
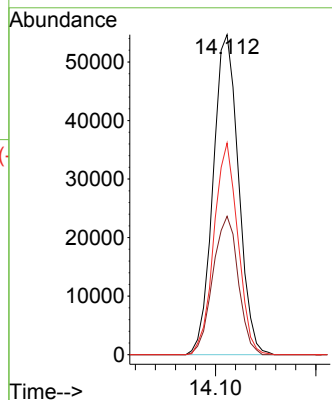
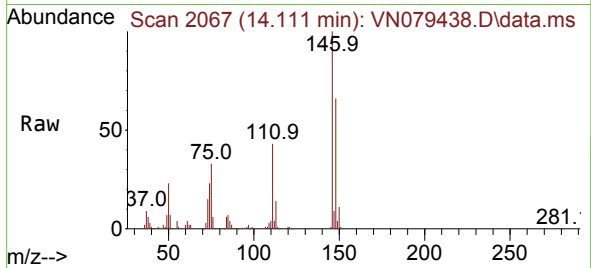




#91
1,2-Dichlorobenzene
Concen: 17.910 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

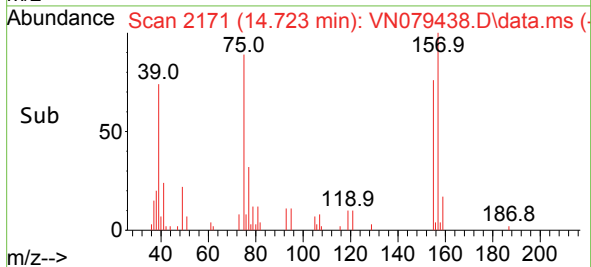
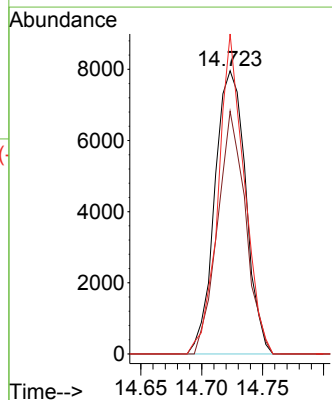
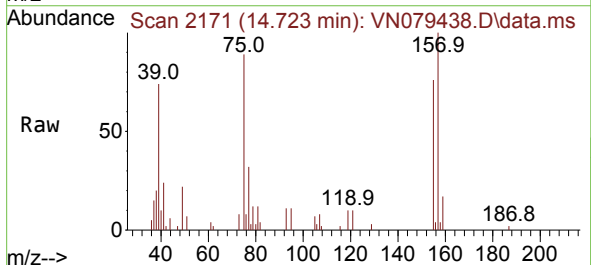
Instrument :
MSVOA_N
ClientSampleId :

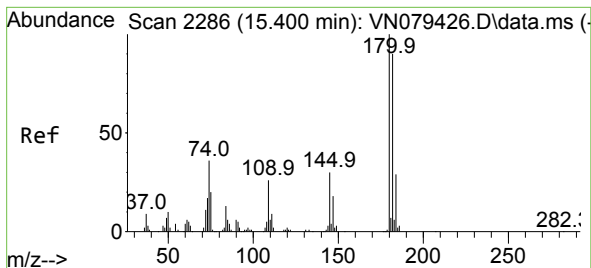
Tgt Ion:146 Resp: 96158
Ion Ratio Lower Upper
146 100
111 43.3 22.0 66.0
148 62.4 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.180 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN079438.D
Acq: 06 Oct 2023 11:29

Tgt Ion: 75 Resp: 14060
Ion Ratio Lower Upper
75 100
155 77.5 39.1 117.2
157 95.2 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 18.218 ug/l

RT: 15.400 min Scan# 2286

Delta R.T. -0.000 min

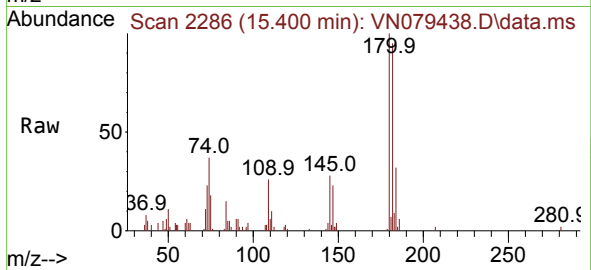
Lab File: VN079438.D

Acq: 06 Oct 2023 11:29

Instrument :

MSVOA_N

ClientSampleId :



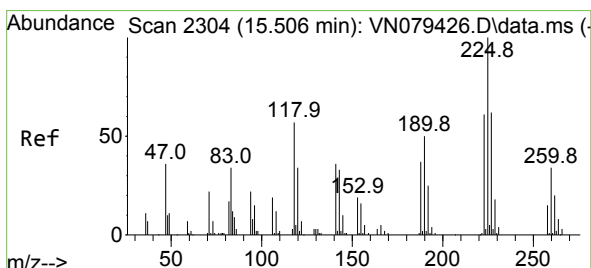
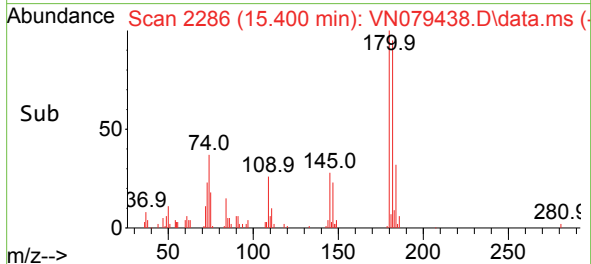
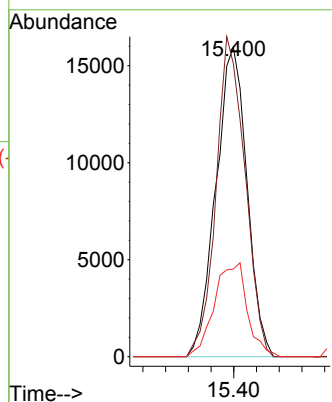
Tgt Ion:180 Resp: 30294

Ion Ratio Lower Upper

180 100

182 96.2 46.1 138.2

145 32.1 16.6 49.8



#94

Hexachlorobutadiene

Concen: 19.191 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN079438.D

Acq: 06 Oct 2023 11:29

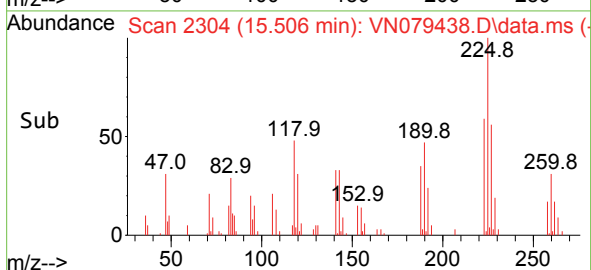
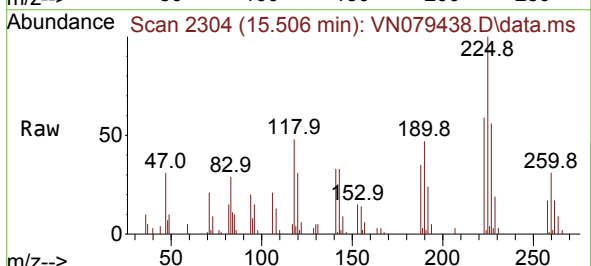
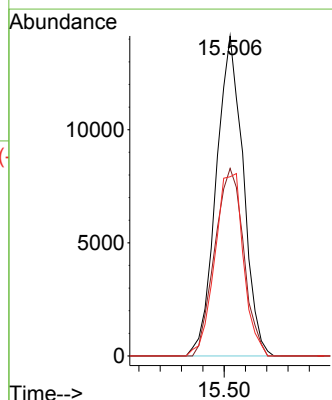
Tgt Ion:225 Resp: 24854

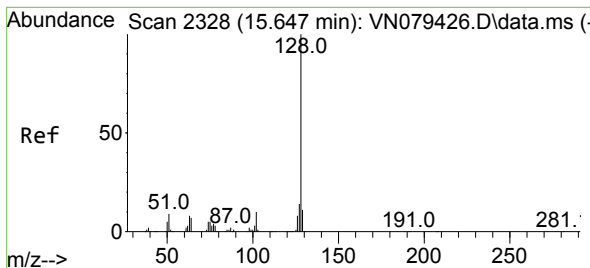
Ion Ratio Lower Upper

225 100

223 62.7 31.3 93.8

227 60.5 31.9 95.9





#95

Naphthalene

Concen: 14.936 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079438.D

Acq: 06 Oct 2023 11:29

Instrument :

MSVOA_N

ClientSampleId :

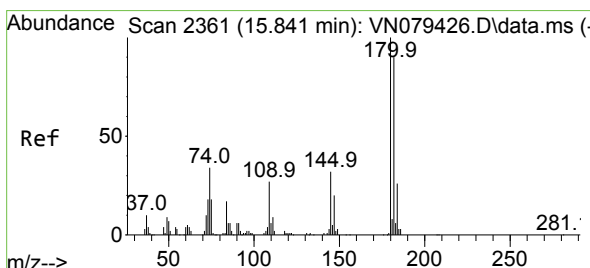
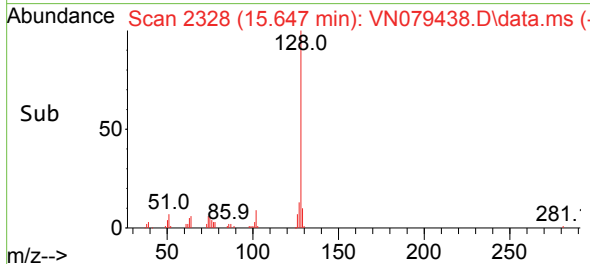
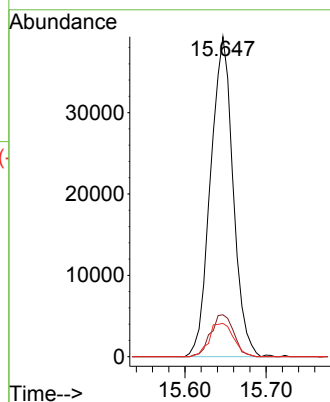
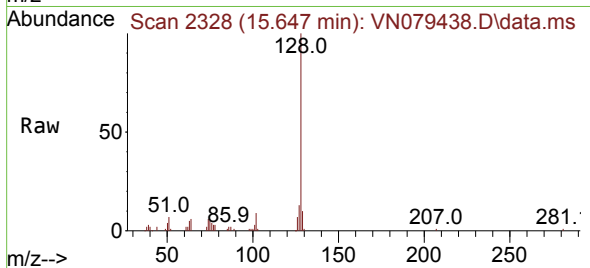
Tgt Ion:128 Resp: 75841

Ion Ratio Lower Upper

128 100

127 13.4 10.0 15.0

129 11.4 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 17.600 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN079438.D

Acq: 06 Oct 2023 11:29

Tgt Ion:180 Resp: 34925

Ion Ratio Lower Upper

180 100

182 90.0 46.2 138.6

145 31.8 17.5 52.6

