

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101223\
 Data File : VN079540.D
 Acq On : 12 Oct 2023 13:02
 Operator : JC\MD
 Sample : VN1012WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 13 01:17:23 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	8.229	168	238794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	422971	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	384630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	156494	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	198613	51.297	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.600%	
35) Dibromofluoromethane	8.171	113	158181	52.040	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.080%	
50) Toluene-d8	10.570	98	590128	53.657	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.320%	
62) 4-Bromofluorobenzene	12.853	95	181801	51.508	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.020%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	65069	19.016	ug/l	96
3) Chloromethane	2.365	50	77369	18.121	ug/l	100
4) Vinyl Chloride	2.518	62	82763	18.636	ug/l	99
5) Bromomethane	2.947	94	46784	17.597	ug/l	97
6) Chloroethane	3.118	64	56329	16.824	ug/l	99
7) Trichlorofluoromethane	3.500	101	103690	19.775	ug/l	100
8) Diethyl Ether	3.965	74	34567	18.492	ug/l #	57
9) 1,1,2-Trichlorotrifluo...	4.371	101	57975	18.920	ug/l	98
10) Methyl Iodide	4.594	142	57380	21.580	ug/l	99
11) Tert butyl alcohol	5.535	59	49867	85.573	ug/l	98
12) 1,1-Dichloroethene	4.341	96	51888	18.391	ug/l #	73
13) Acrolein	4.189	56	48306	83.250	ug/l	97
14) Allyl chloride	5.030	41	82357	18.088	ug/l #	90
15) Acrylonitrile	5.724	53	162691	96.297	ug/l	98
16) Acetone	4.430	43	158675	103.324	ug/l	89
17) Carbon Disulfide	4.712	76	150156	17.062	ug/l	98
18) Methyl Acetate	5.030	43	138228	18.390	ug/l #	86
19) Methyl tert-butyl Ether	5.806	73	182288	19.885	ug/l	92
20) Methylene Chloride	5.283	84	65104	18.986	ug/l #	82
21) trans-1,2-Dichloroethene	5.794	96	59019	17.910	ug/l #	79
22) Diisopropyl ether	6.677	45	204617	20.042	ug/l #	89
23) Vinyl Acetate	6.612	43	559887	97.493	ug/l #	87
24) 1,1-Dichloroethane	6.577	63	120602	19.301	ug/l	97
25) 2-Butanone	7.494	43	222952	97.815	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	94957	19.886	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	66995	18.714	ug/l	83
28) Bromochloromethane	7.818	49	56296	18.936	ug/l #	77
29) Tetrahydrofuran	7.841	42	140702	95.447	ug/l #	75
30) Chloroform	7.971	83	122250	19.364	ug/l	100
31) Cyclohexane	8.265	56	100135	18.232	ug/l	84
32) 1,1,1-Trichloroethane	8.171	97	104391	19.649	ug/l	94
36) 1,1-Dichloropropene	8.377	75	87695	19.223	ug/l	94
37) Ethyl Acetate	7.565	43	92449	20.366	ug/l #	89
38) Carbon Tetrachloride	8.365	117	89442	19.584	ug/l	96
39) Methylcyclohexane	9.606	83	78770	17.972	ug/l #	84
40) Benzene	8.612	78	268260	19.800	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	44091	18.475	ug/l	89
42) 1,2-Dichloroethane	8.676	62	97025	19.708	ug/l	99
43) Isopropyl Acetate	8.694	43	144072	18.116	ug/l #	90
44) Trichloroethene	9.353	130	61195	19.190	ug/l	100
45) 1,2-Dichloropropane	9.623	63	70322	19.700	ug/l	99
46) Dibromomethane	9.712	93	46346	20.046	ug/l	93
47) Bromodichloromethane	9.894	83	97046	20.406	ug/l	97
48) Methyl methacrylate	9.688	41	65784	19.303	ug/l #	82
49) 1,4-Dioxane	9.700	88	23795	379.066	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	453961	101.119	ug/l	88
52) Toluene	10.635	92	161999	20.313	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	92899	19.384	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	104029	19.828	ug/l #	86
55) 1,1,2-Trichloroethane	11.023	97	63753	19.912	ug/l	98
56) Ethyl methacrylate	10.876	69	89528	20.349	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	114444	20.700	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	167474	99.397	ug/l	89
59) 2-Hexanone	11.200	43	327089	100.967	ug/l	86
60) Dibromochloromethane	11.365	129	65297	20.292	ug/l	97
61) 1,2-Dibromoethane	11.476	107	63255	19.908	ug/l	97
64) Tetrachloroethene	11.106	164	49094	18.554	ug/l	92
65) Chlorobenzene	11.894	112	162967	19.025	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.964	131	61035	19.461	ug/l	96
67) Ethyl Benzene	11.964	91	288707	19.392	ug/l	97
68) m/p-Xylenes	12.076	106	217437	40.195	ug/l	96
69) o-Xylene	12.400	106	102160	19.203	ug/l	92
70) Styrene	12.417	104	164659	19.595	ug/l	95
71) Bromoform	12.582	173	42643	18.577	ug/l #	100
73) Isopropylbenzene	12.700	105	260915	17.921	ug/l	98
74) N-amyl acetate	12.500	43	108273	18.140	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	97295	19.975	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	113898	25.243	ug/l	67
77) Bromobenzene	12.982	156	63322	17.738	ug/l	96
78) n-propylbenzene	13.041	91	304868	18.508	ug/l	95
79) 2-Chlorotoluene	13.129	91	191934	18.209	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	213603	18.606	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	26747	17.200	ug/l #	86
82) 4-Chlorotoluene	13.223	91	182554	18.200	ug/l	98
83) tert-Butylbenzene	13.441	119	171276	18.209	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	210263	19.191	ug/l	99
85) sec-Butylbenzene	13.623	105	239999	18.293	ug/l	100
86) p-Isopropyltoluene	13.735	119	186318	18.512	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	102987	18.189	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	98922	16.920	ug/l	98
89) n-Butylbenzene	14.058	91	140359	17.463	ug/l	97
90) Hexachloroethane	14.335	117	39618	18.735	ug/l	91
91) 1,2-Dichlorobenzene	14.111	146	101737	18.421	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14805	17.586	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	26048	15.228	ug/l	96
94) Hexachlorobutadiene	15.505	225	21784	16.351	ug/l	94
95) Naphthalene	15.647	128	65740	12.586	ug/l	96
96) 1,2,3-Trichlorobenzene	15.841	180	30227	14.808	ug/l	98

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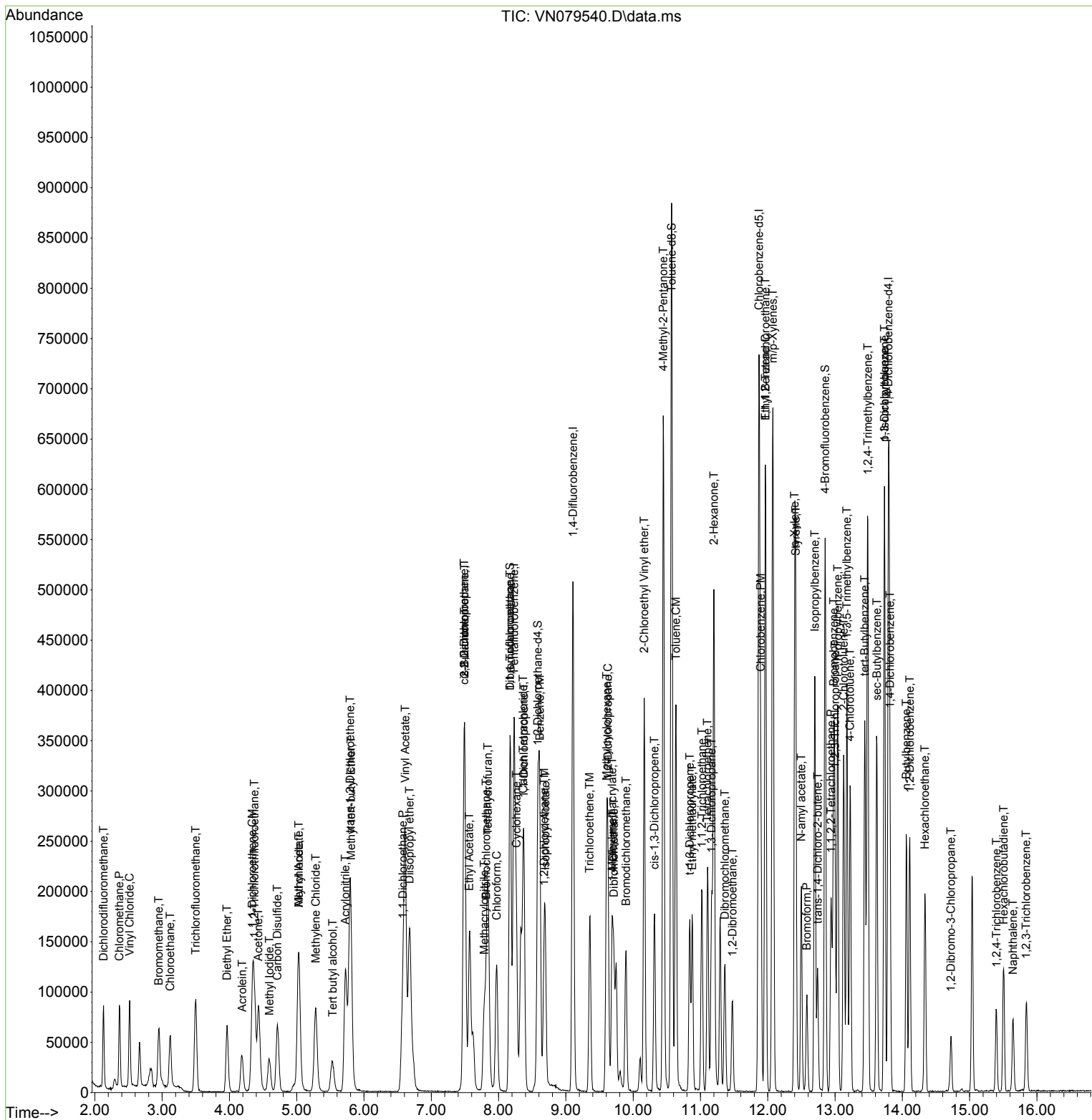
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MSVOA_N
ClientSampleId :

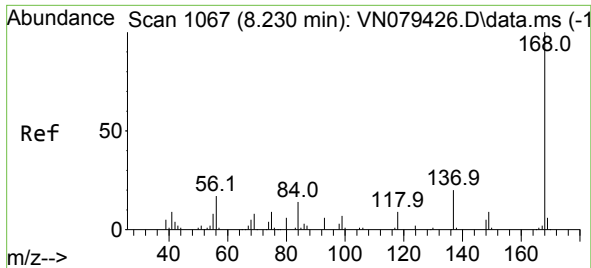
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

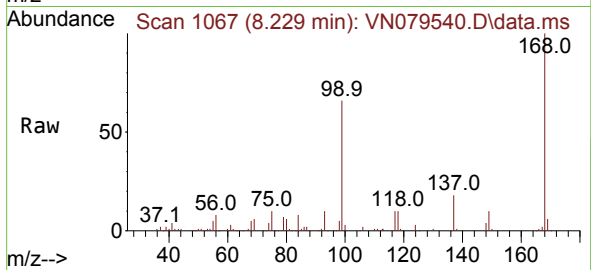
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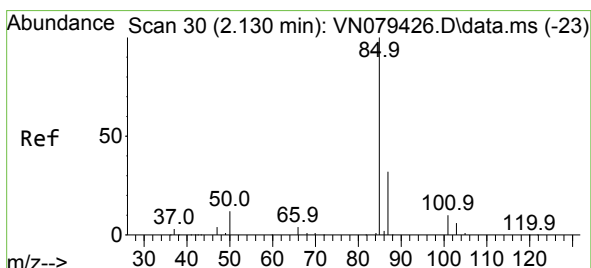
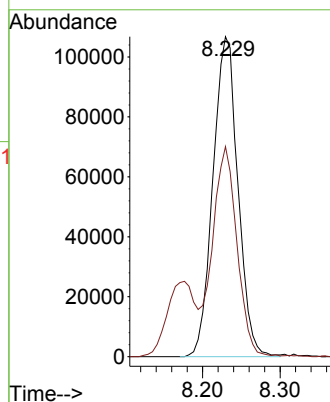
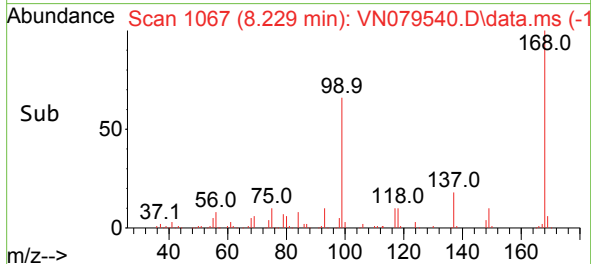


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
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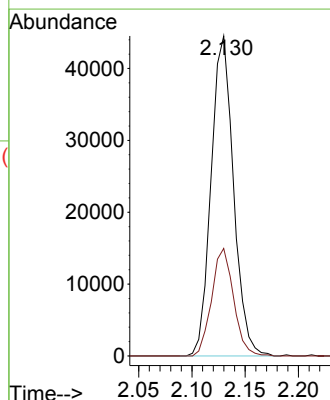
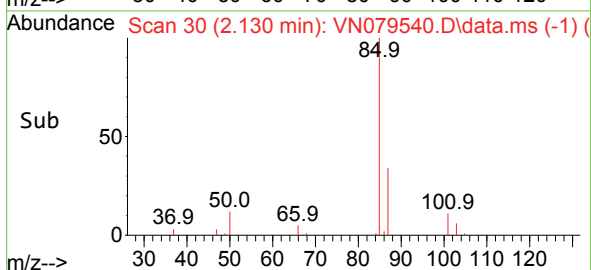
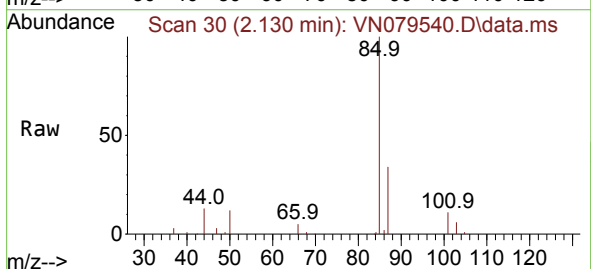


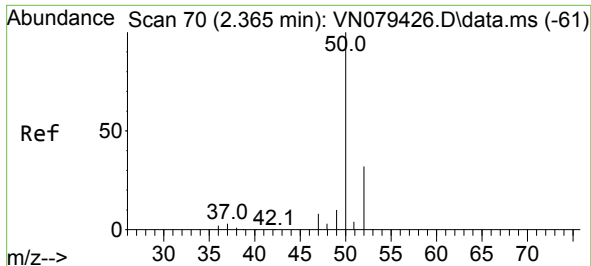
Tgt Ion:168 Resp: 238794
Ion Ratio Lower Upper
168 100
99 65.4 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 19.016 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

Tgt Ion: 85 Resp: 65069
Ion Ratio Lower Upper
85 100
87 33.6 15.8 47.4

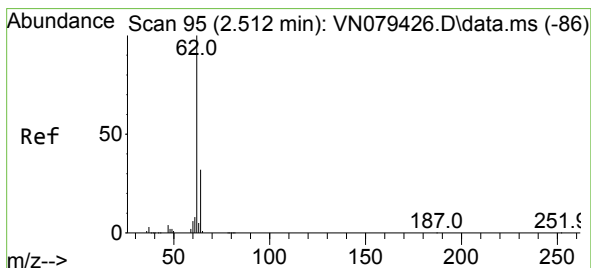
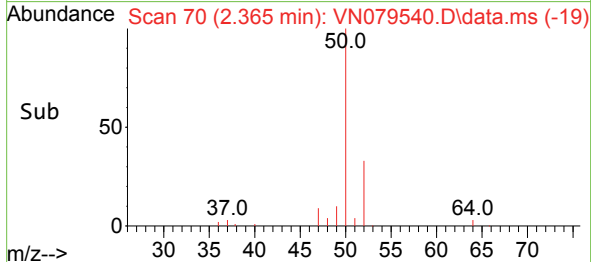
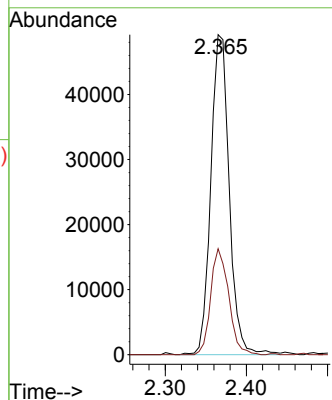
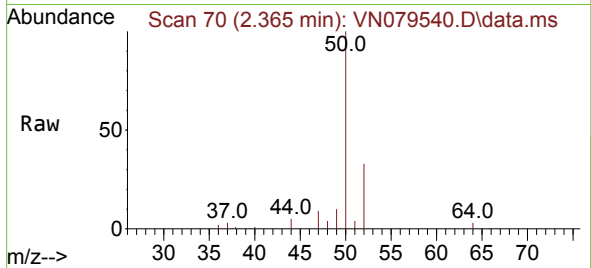




#3
Chloromethane
Concen: 18.121 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.000 min
Lab File: VN079540.D
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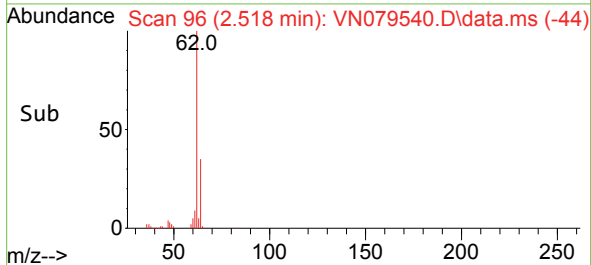
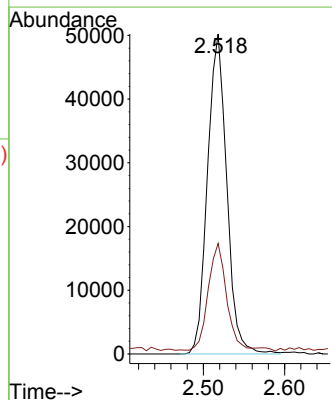
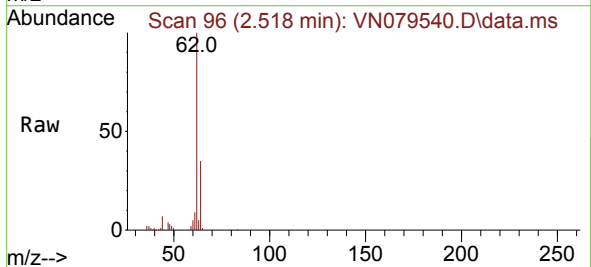
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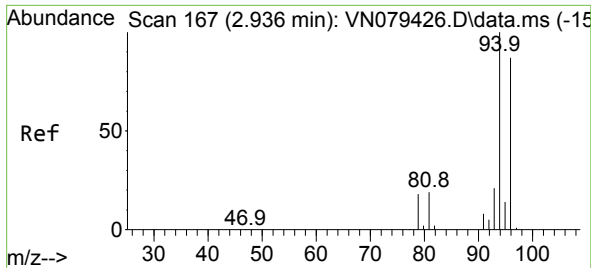
Tgt Ion: 50 Resp: 77369
Ion Ratio Lower Upper
50 100
52 33.1 26.5 39.7



#4
Vinyl Chloride
Concen: 18.636 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

Tgt Ion: 62 Resp: 82763
Ion Ratio Lower Upper
62 100
64 33.3 26.2 39.2

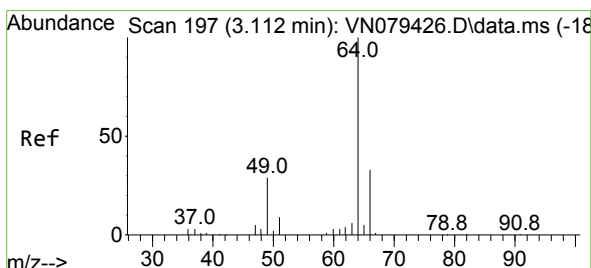
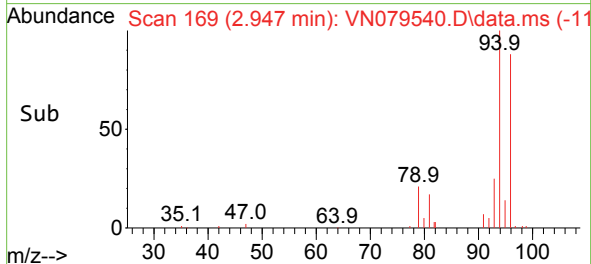
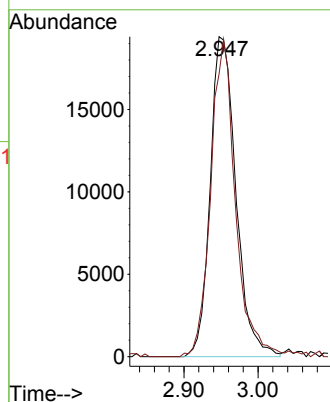
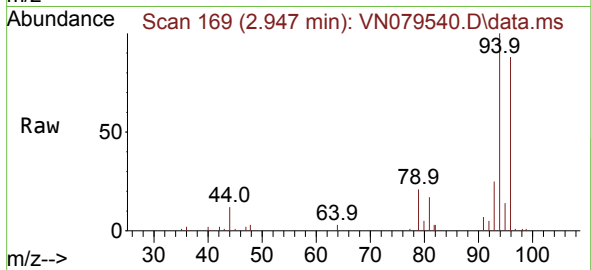




#5
Bromomethane
Concen: 17.597 ug/l
RT: 2.947 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

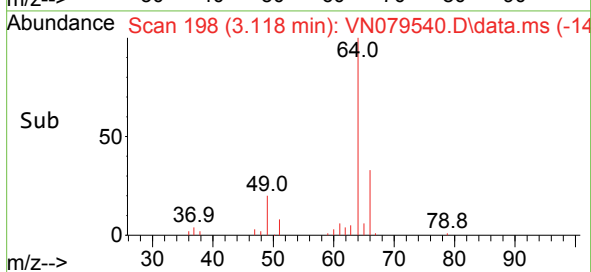
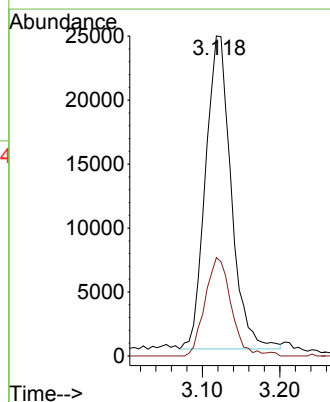
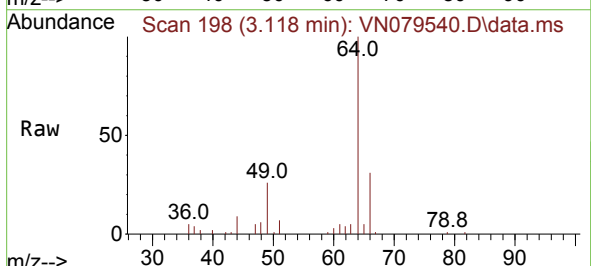
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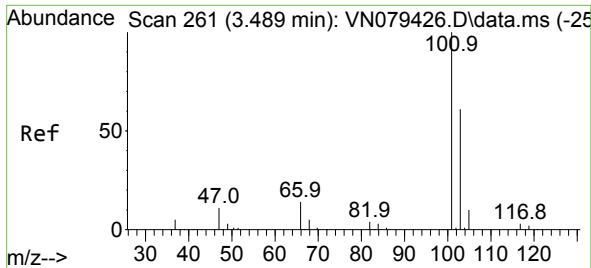
Tgt Ion: 94 Resp: 46784
Ion Ratio Lower Upper
94 100
96 88.3 73.1 109.7



#6
Chloroethane
Concen: 16.824 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

Tgt Ion: 64 Resp: 56329
Ion Ratio Lower Upper
64 100
66 31.4 25.4 38.2

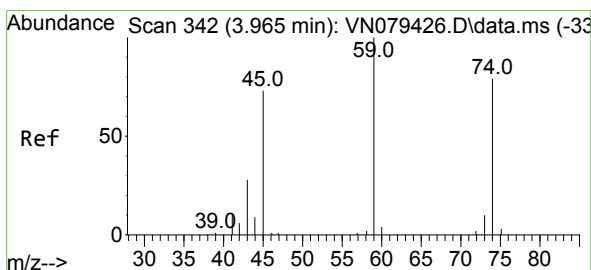
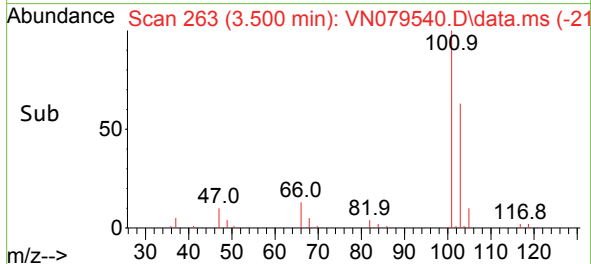
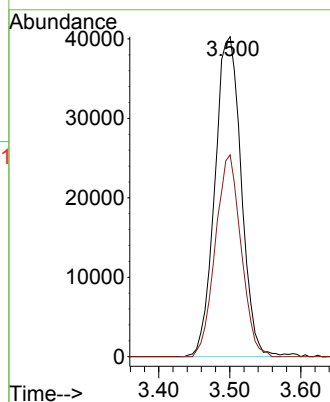
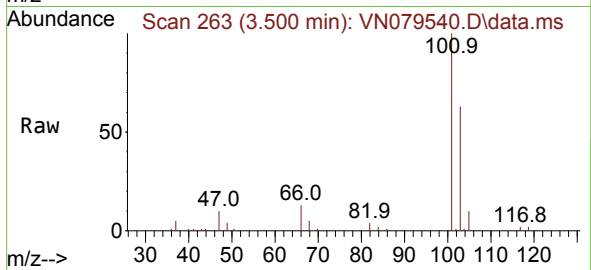




#7
 Trichlorofluoromethane
 Concen: 19.775 ug/l
 RT: 3.500 min Scan# 261
 Delta R.T. 0.012 min
 Lab File: VN079540.D
 Acq: 12 Oct 2023 13:02

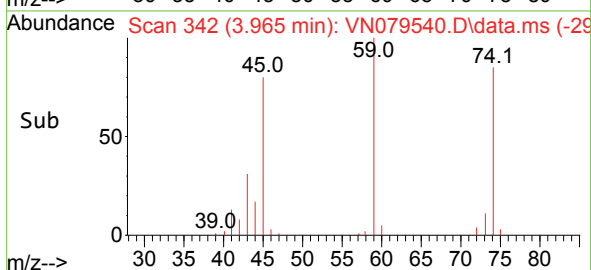
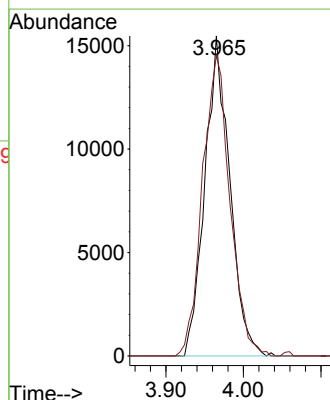
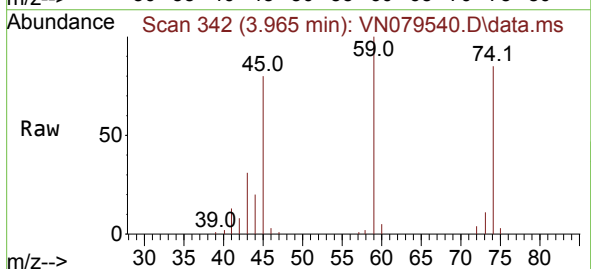
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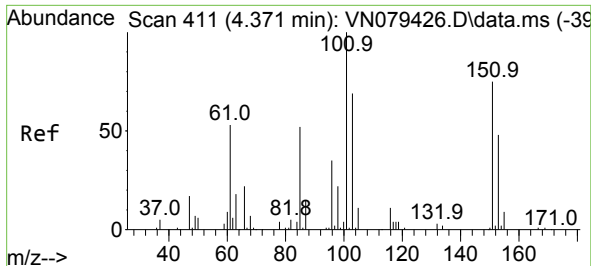
Tgt Ion:101 Resp: 103690
 Ion Ratio Lower Upper
 101 100
 103 63.1 50.7 76.1



#8
 Diethyl Ether
 Concen: 18.492 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: VN079540.D
 Acq: 12 Oct 2023 13:02

Tgt Ion: 74 Resp: 34567
 Ion Ratio Lower Upper
 74 100
 45 103.5 34.4 103.3#

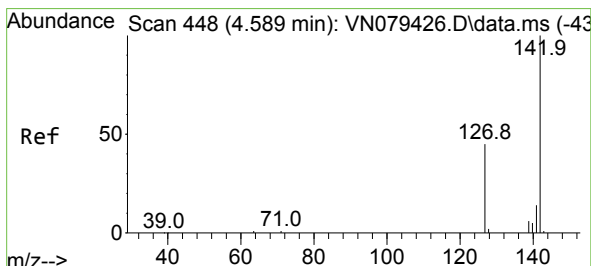
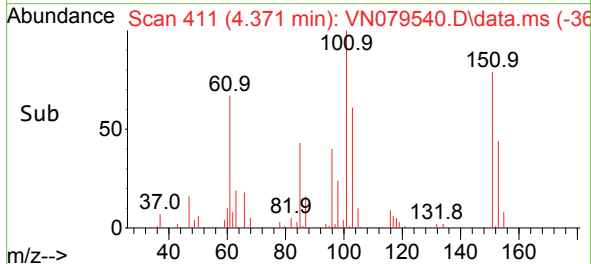
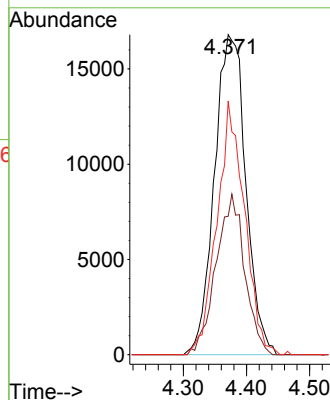
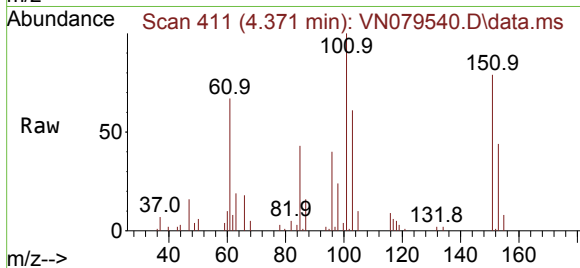




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.920 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
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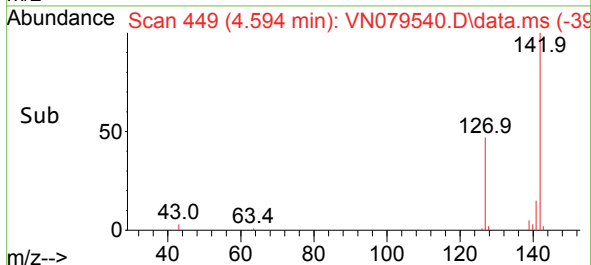
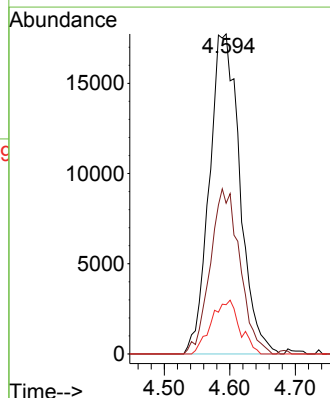
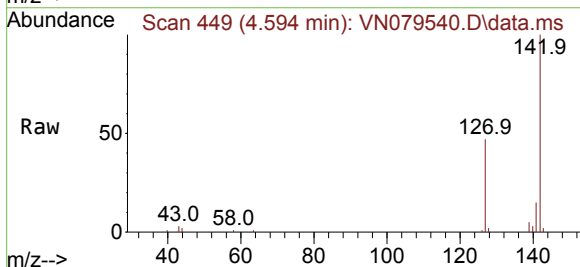
Instrument :
MSVOA_N
ClientSampleId :

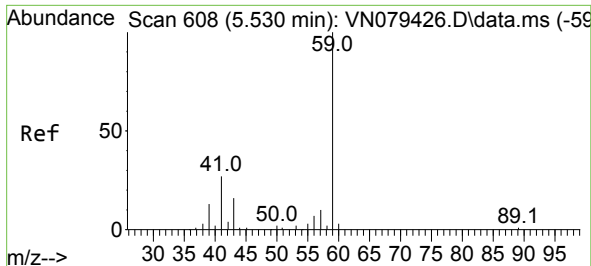
Tgt Ion:101 Resp: 57975
Ion Ratio Lower Upper
101 100
85 45.8 36.6 55.0
151 69.8 57.6 86.4



#10
Methyl Iodide
Concen: 21.580 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.005 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

Tgt Ion:142 Resp: 57380
Ion Ratio Lower Upper
142 100
127 47.1 37.6 56.4
141 15.4 11.4 17.0

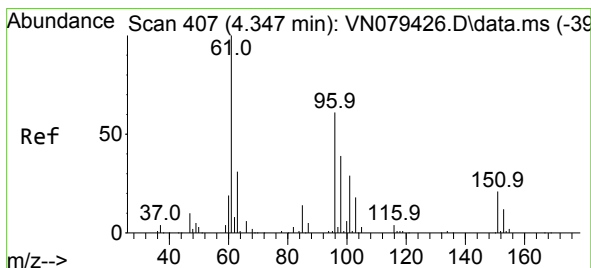
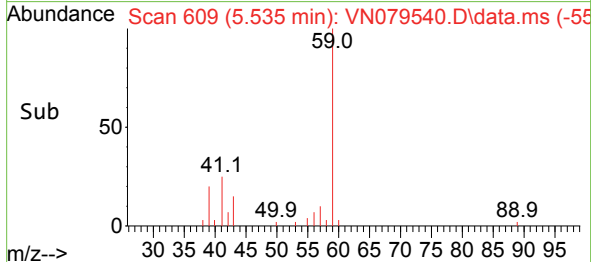
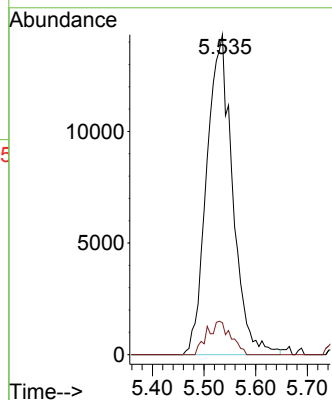
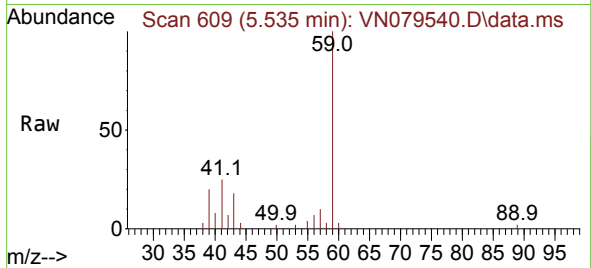




#11
Tert butyl alcohol
Concen: 85.573 ug/l
RT: 5.535 min Scan# 608
Delta R.T. 0.005 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

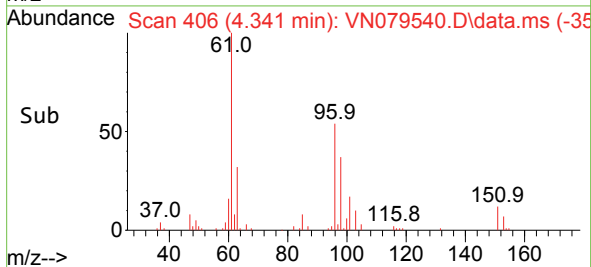
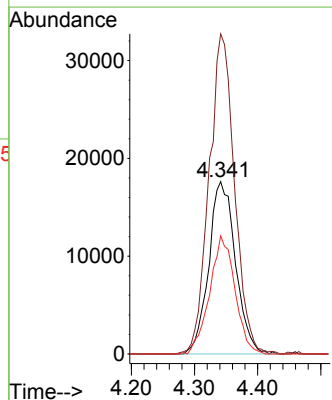
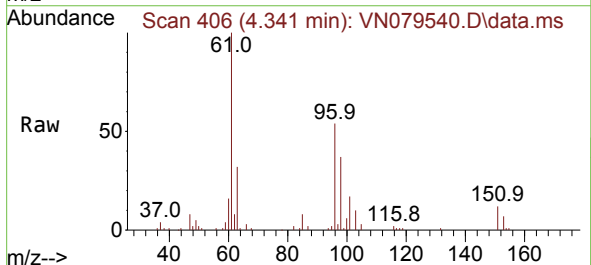
Instrument :
MSVOA_N
ClientSampleId :

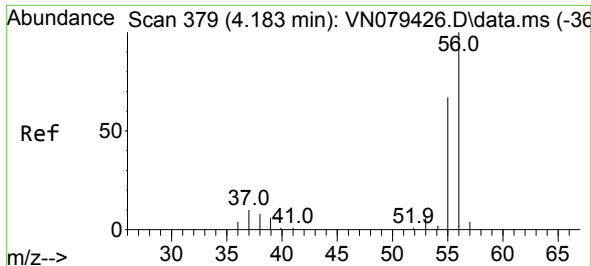
Tgt Ion: 59 Resp: 49867
Ion Ratio Lower Upper
59 100
57 9.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.391 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

Tgt Ion: 96 Resp: 51888
Ion Ratio Lower Upper
96 100
61 185.7 112.7 169.1#
98 68.5 51.2 76.8

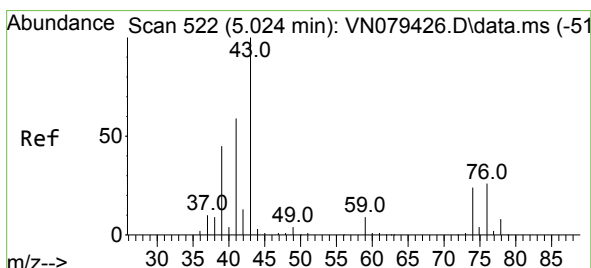
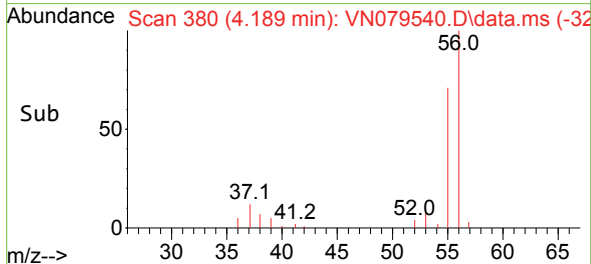
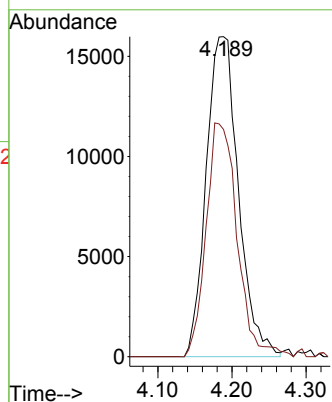
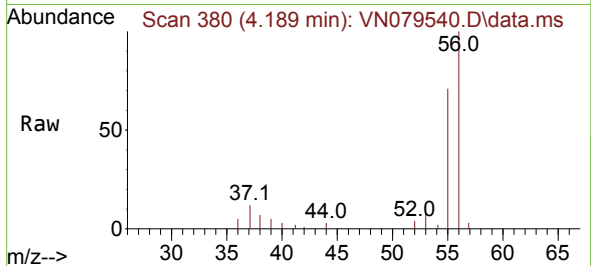




#13
Acrolein
Concen: 83.250 ug/l
RT: 4.189 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

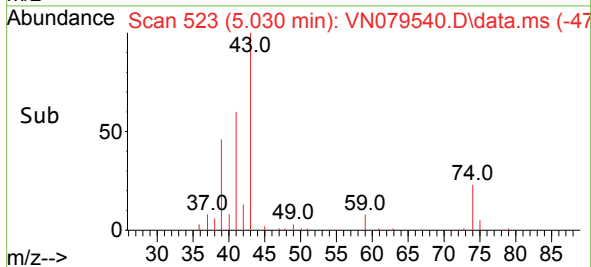
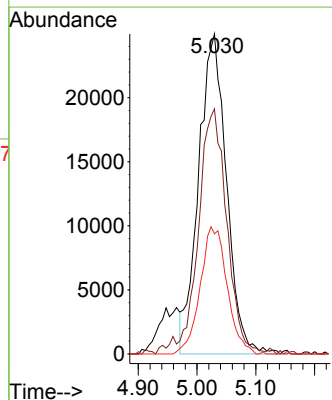
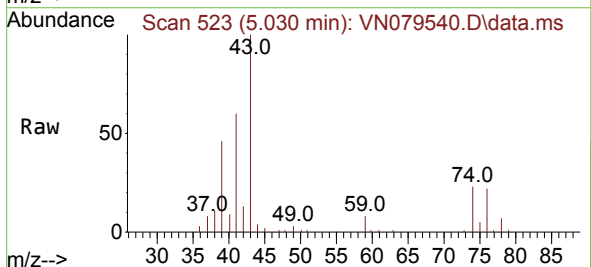
Instrument :
MSVOA_N
ClientSampleId :

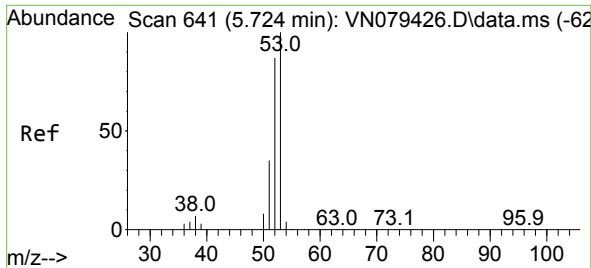
Tgt Ion: 56 Resp: 48306
Ion Ratio Lower Upper
56 100
55 70.2 54.5 81.7



#14
Allyl chloride
Concen: 18.088 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

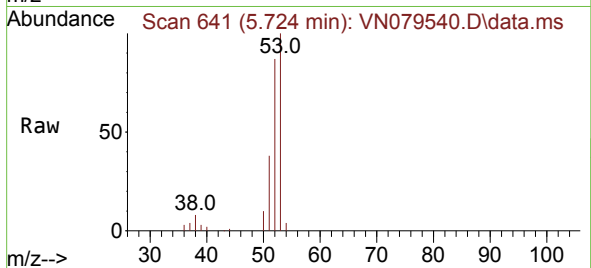
Tgt Ion: 41 Resp: 82357
Ion Ratio Lower Upper
41 100
39 78.3 58.8 88.2
76 38.4 39.1 58.7#



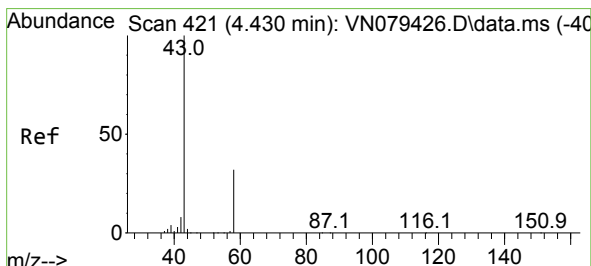
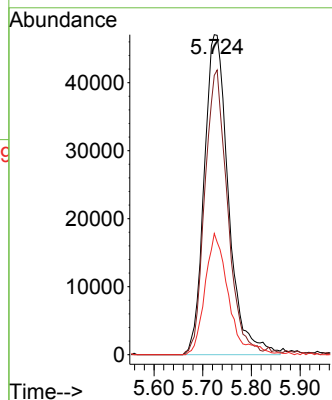
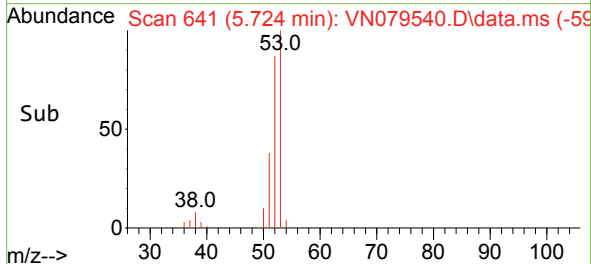


#15
Acrylonitrile
Concen: 96.297 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

Instrument :
MSVOA_N
ClientSampleId :

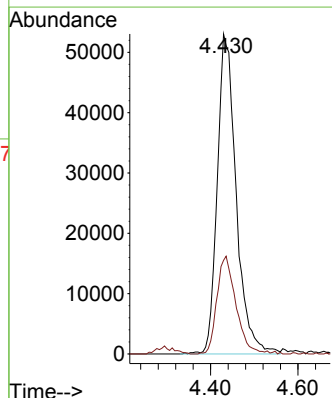
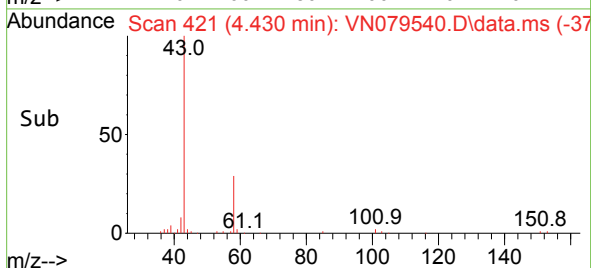
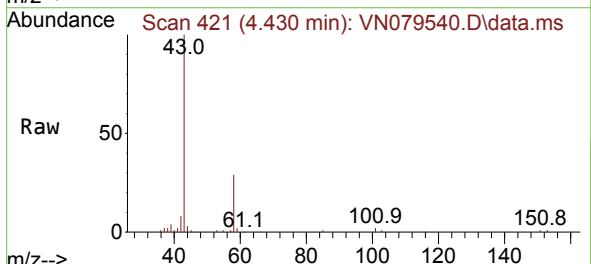


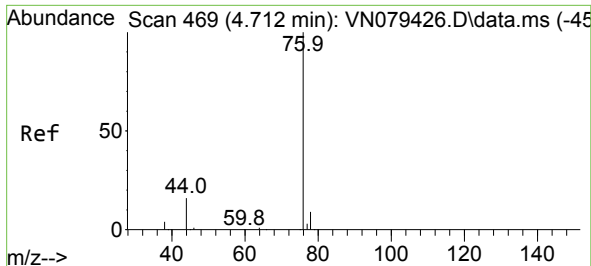
Tgt Ion:	53	Resp:	162691
Ion	Ratio	Lower	Upper
53	100		
52	83.1	65.3	97.9
51	36.8	28.9	43.3



#16
Acetone
Concen: 103.324 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

Tgt Ion:	43	Resp:	158675
Ion	Ratio	Lower	Upper
43	100		
58	28.7	28.0	42.0

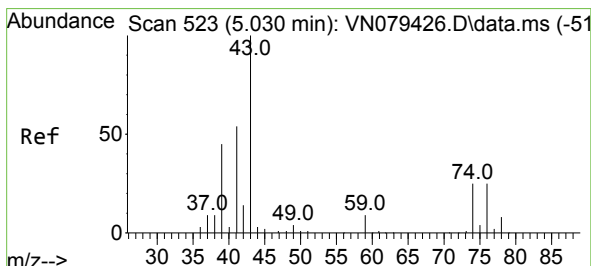
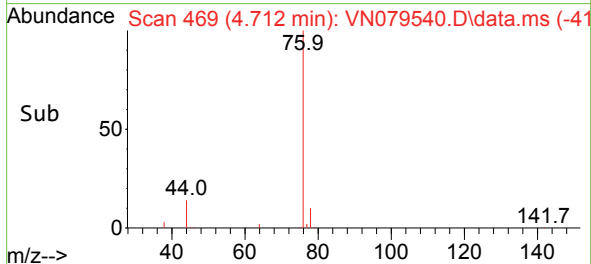
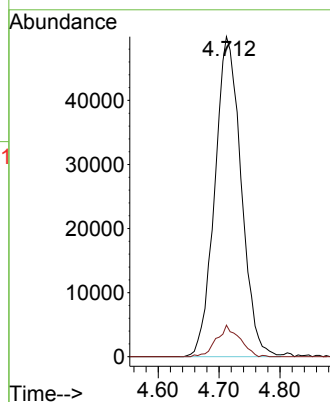
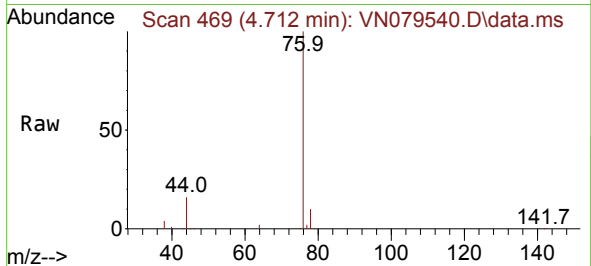




#17
Carbon Disulfide
Concen: 17.062 ug/l
RT: 4.712 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

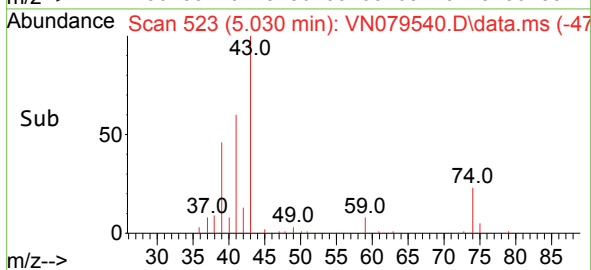
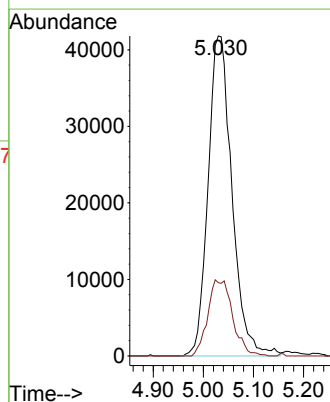
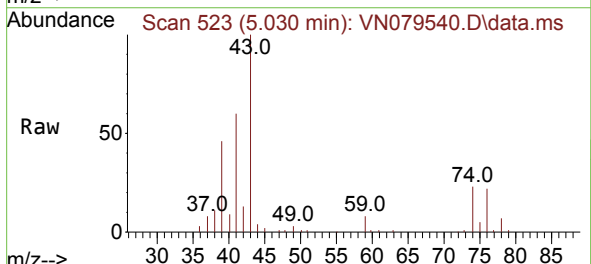
Instrument :
MSVOA_N
ClientSampleId :

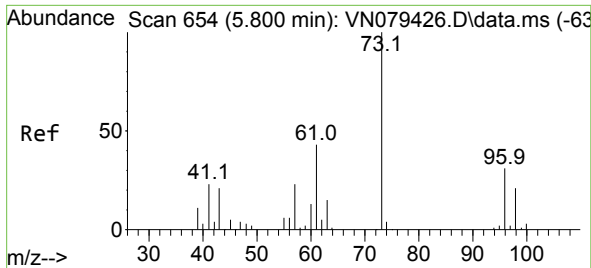
Tgt Ion: 76 Resp: 150156
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0



#18
Methyl Acetate
Concen: 18.390 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

Tgt Ion: 43 Resp: 138228
Ion Ratio Lower Upper
43 100
74 24.7 26.2 39.4#

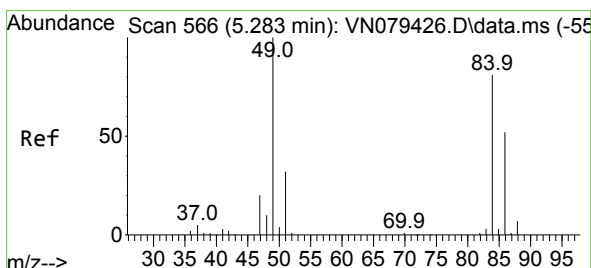
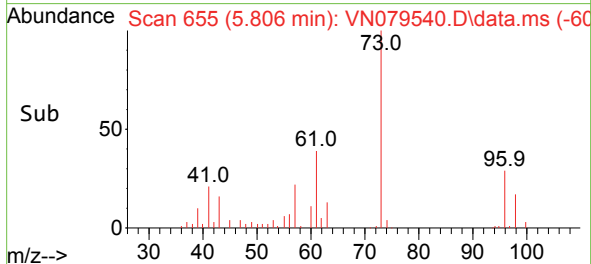
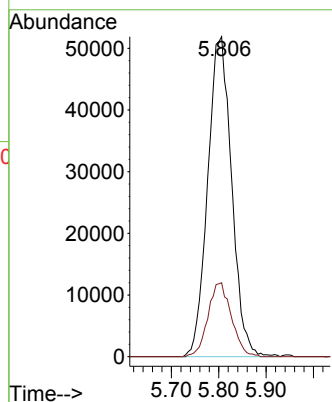
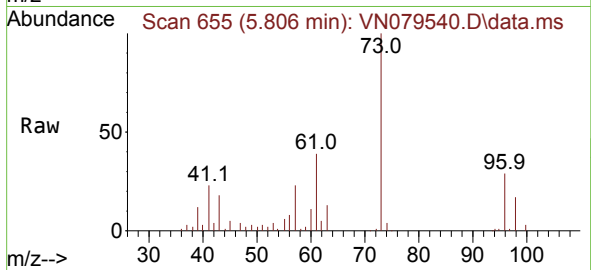




#19
Methyl tert-butyl Ether
Concen: 19.885 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

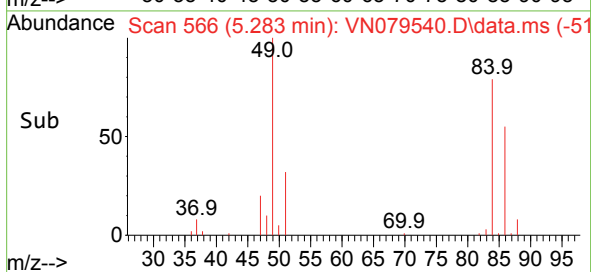
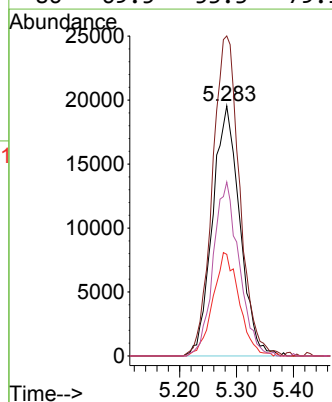
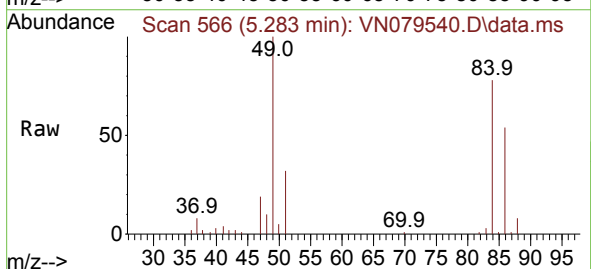
Instrument :
MSVOA_N
ClientSampleId :

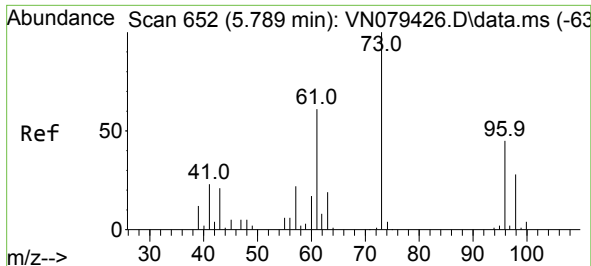
Tgt Ion: 73 Resp: 182288
Ion Ratio Lower Upper
73 100
57 23.1 15.6 23.4



#20
Methylene Chloride
Concen: 18.986 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

Tgt Ion: 84 Resp: 65104
Ion Ratio Lower Upper
84 100
49 127.9 79.7 119.5#
51 40.6 25.2 37.8#
86 69.5 53.3 79.9

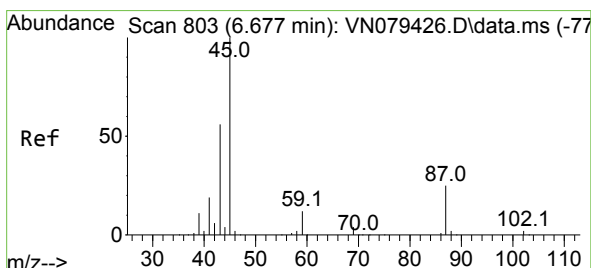
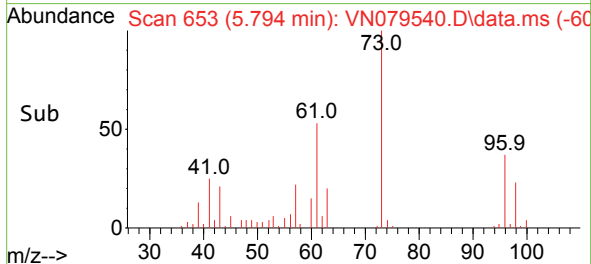
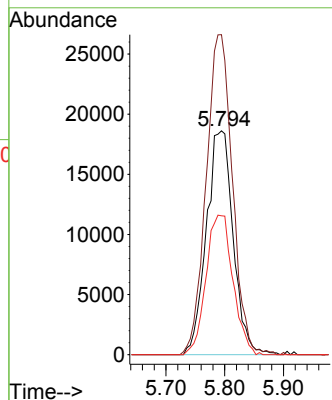
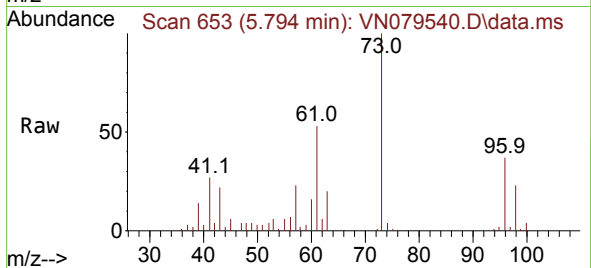




#21
trans-1,2-Dichloroethene
Concen: 17.910 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

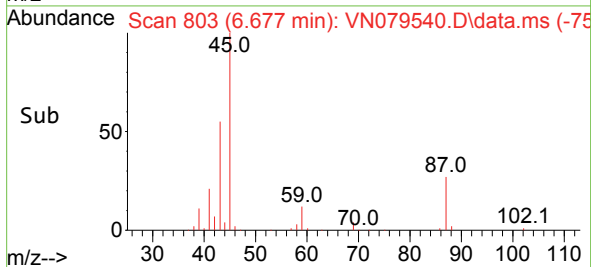
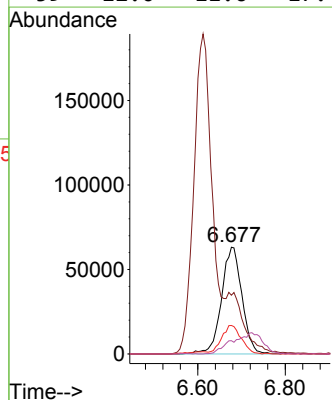
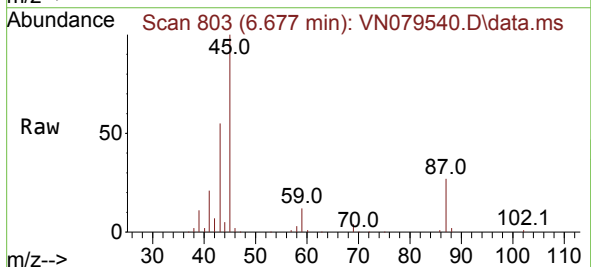
Instrument :
MSVOA_N
ClientSampleId :

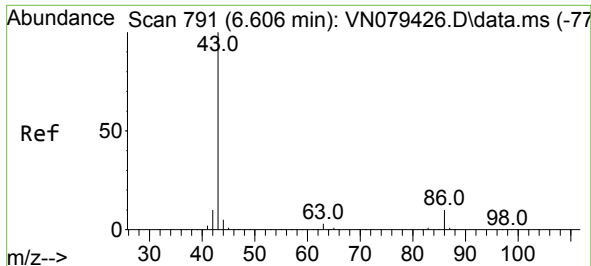
Tgt Ion: 96 Resp: 59019
Ion Ratio Lower Upper
96 100
61 143.0 90.1 135.1#
98 62.0 46.4 69.6



#22
Diisopropyl ether
Concen: 20.042 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

Tgt Ion: 45 Resp: 204617
Ion Ratio Lower Upper
45 100
43 53.7 45.5 68.3
87 26.7 31.8 47.8#
59 12.0 11.6 17.4

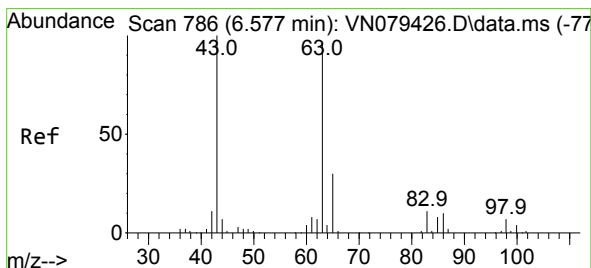
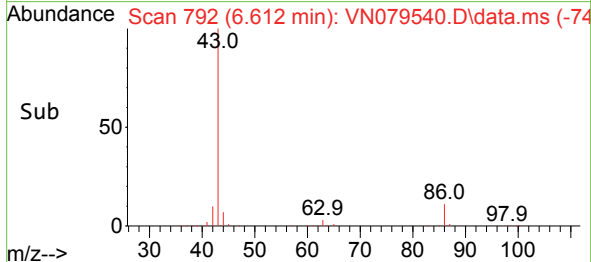
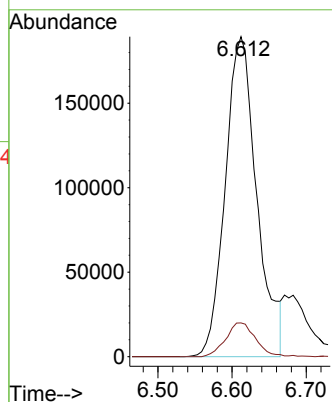
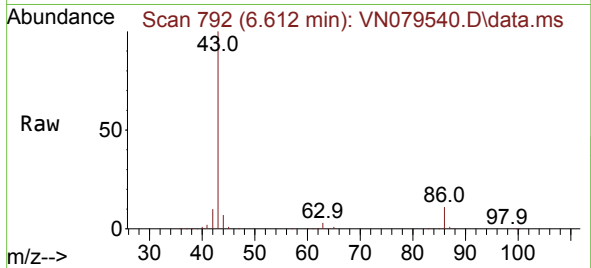




#23
 Vinyl Acetate
 Concen: 97.493 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN079540.D
 Acq: 12 Oct 2023 13:02

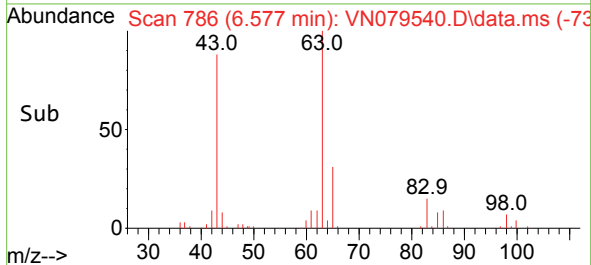
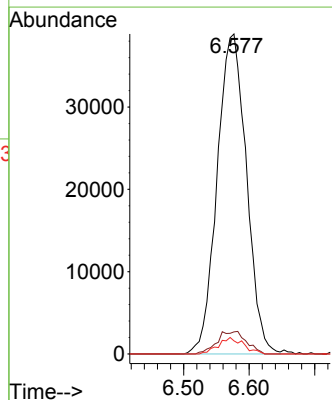
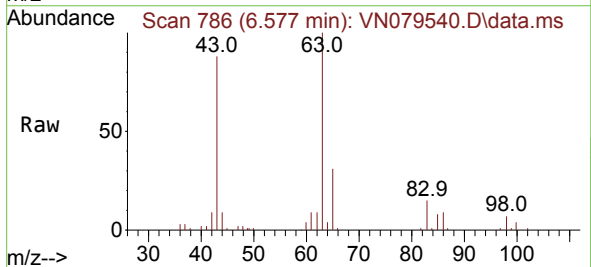
Instrument :
 MSVOA_N
 ClientSampleId :

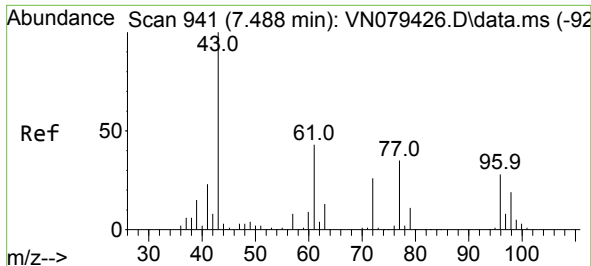
Tgt Ion: 43 Resp: 559887
 Ion Ratio Lower Upper
 43 100
 86 10.5 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 19.301 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN079540.D
 Acq: 12 Oct 2023 13:02

Tgt Ion: 63 Resp: 120602
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.9 11.7
 100 4.1 2.5 7.4

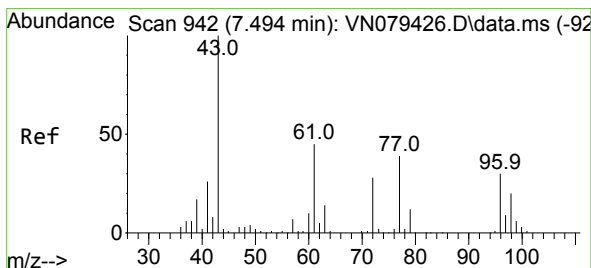
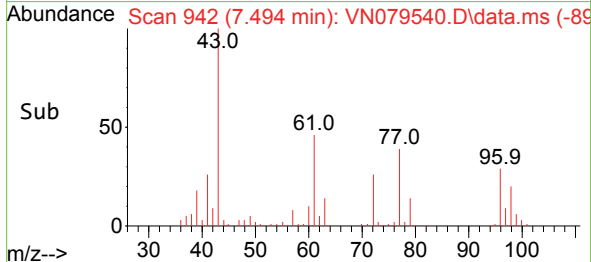
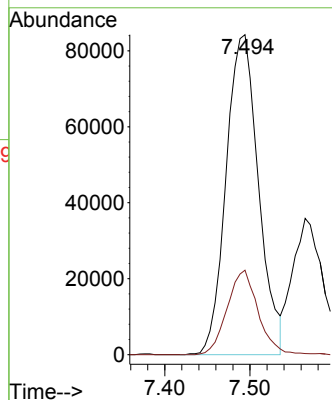
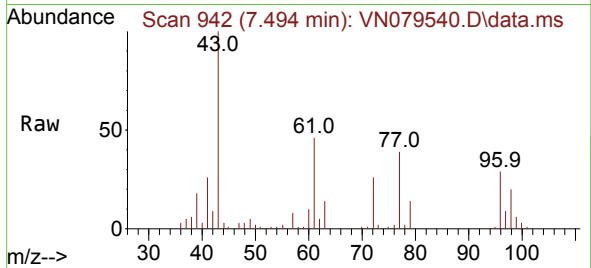




#25
2-Butanone
Concen: 97.815 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

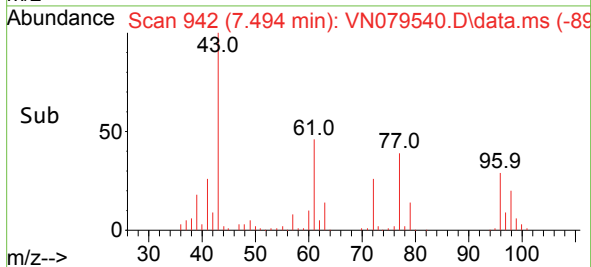
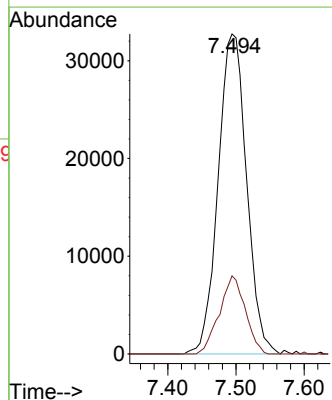
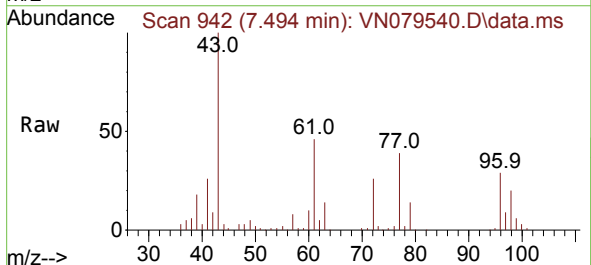
Instrument :
MSVOA_N
ClientSampleId :

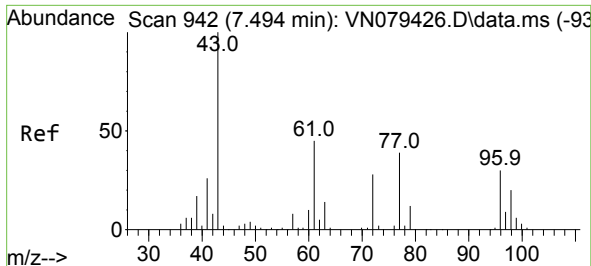
Tgt Ion: 43 Resp: 222952
Ion Ratio Lower Upper
43 100
72 26.4 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 19.886 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

Tgt Ion: 77 Resp: 94957
Ion Ratio Lower Upper
77 100
97 22.2 11.2 33.6

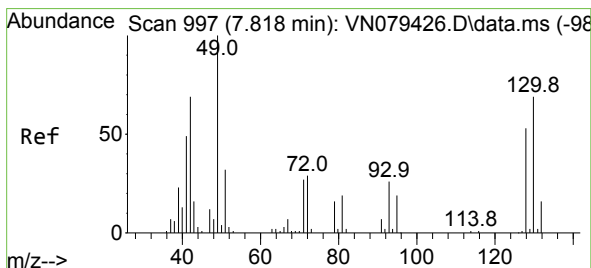
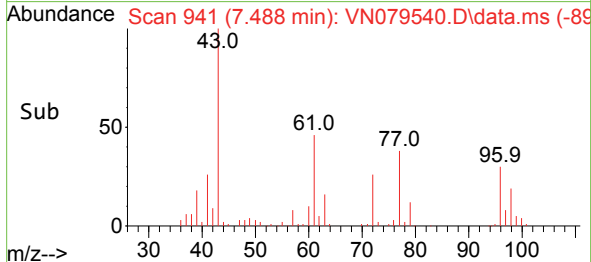
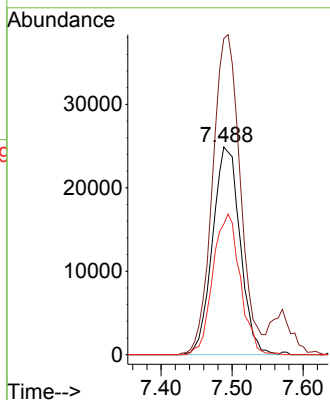
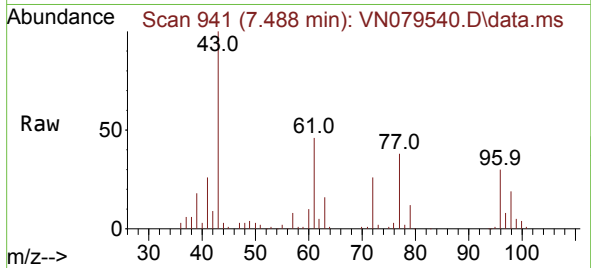




#27
 cis-1,2-Dichloroethene
 Concen: 18.714 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079540.D
 Acq: 12 Oct 2023 13:02

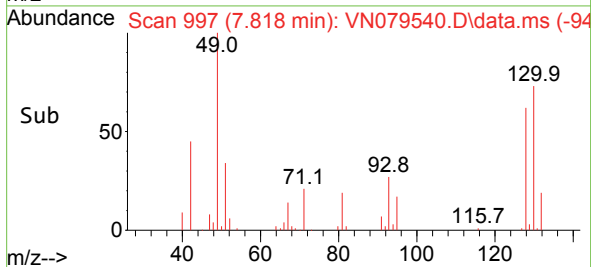
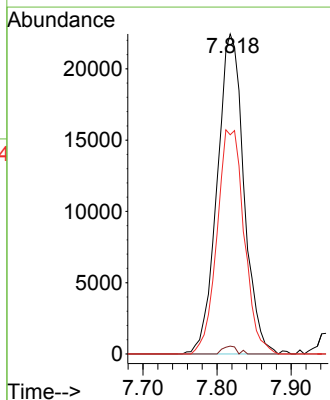
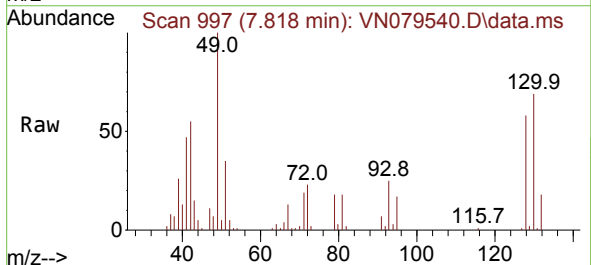
Instrument :
 MSVOA_N
 ClientSampleId :

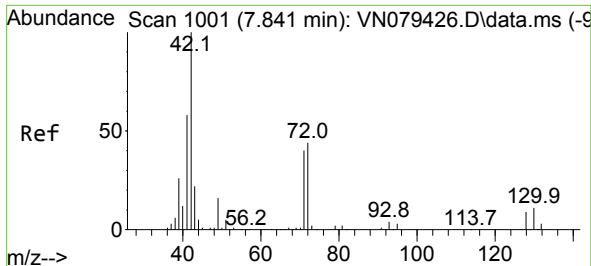
Tgt Ion: 96 Resp: 66995
 Ion Ratio Lower Upper
 96 100
 61 155.8 0.0 255.2
 98 67.2 0.0 128.8



#28
 Bromochloromethane
 Concen: 18.936 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN079540.D
 Acq: 12 Oct 2023 13:02

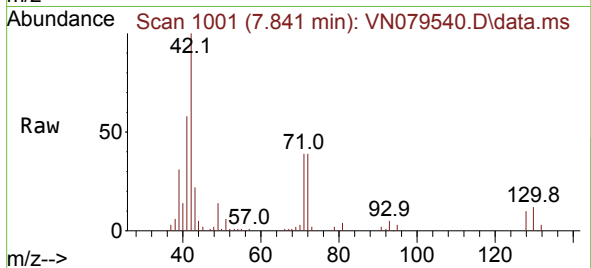
Tgt Ion: 49 Resp: 56296
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.8
 130 71.2 75.3 112.9#



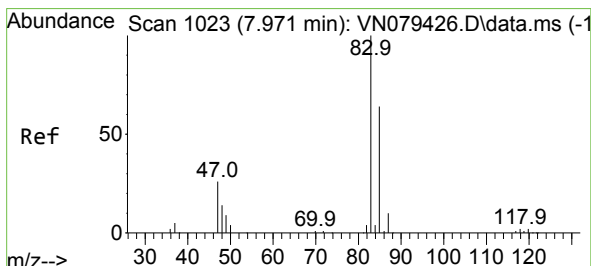
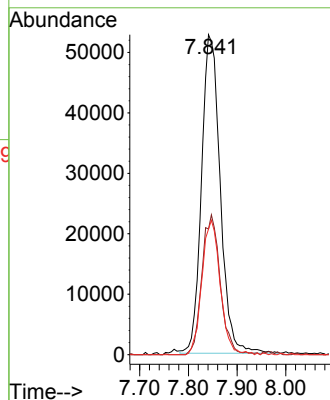
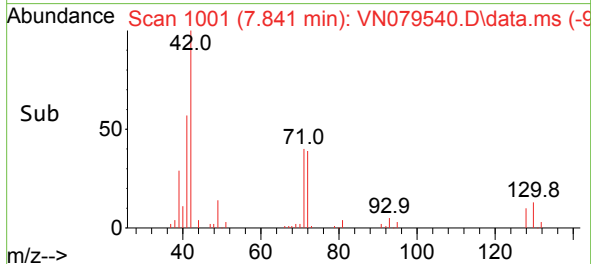


#29
Tetrahydrofuran
Concen: 95.447 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

Instrument :
MSVOA_N
ClientSampleId :

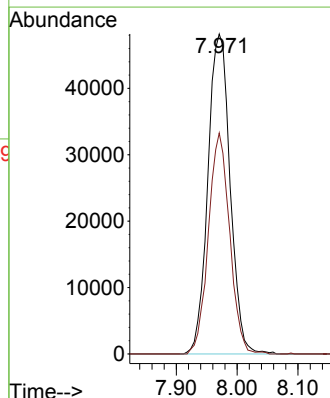
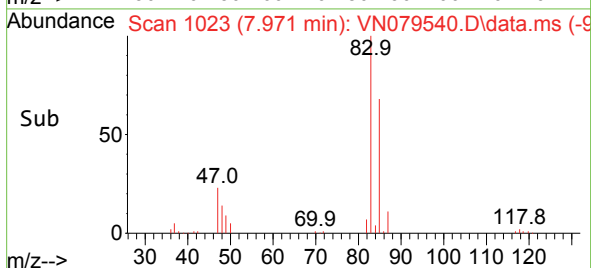
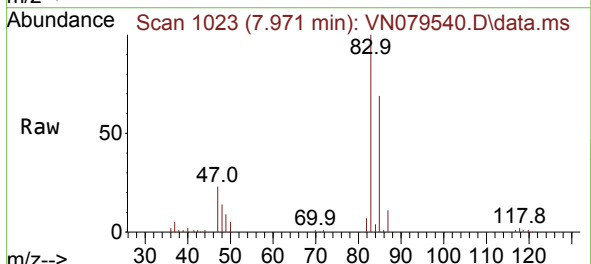


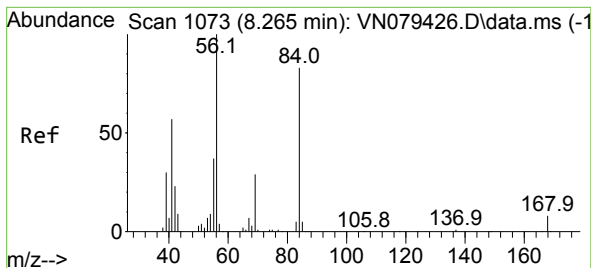
Tgt Ion: 42 Resp: 140702
Ion Ratio Lower Upper
42 100
72 43.1 49.8 74.6#
71 41.0 47.4 71.2#



#30
Chloroform
Concen: 19.364 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

Tgt Ion: 83 Resp: 122250
Ion Ratio Lower Upper
83 100
85 69.1 55.4 83.0





#31

Cyclohexane

Concen: 18.232 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

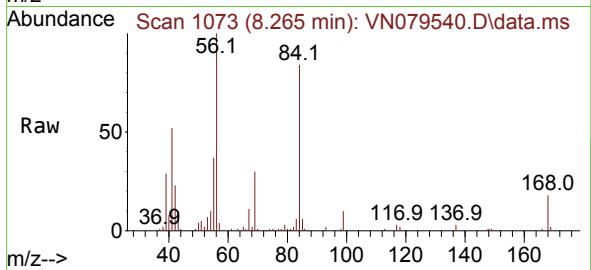
Lab File: VN079540.D

Acq: 12 Oct 2023 13:02

Instrument :

MSVOA_N

ClientSampleId :



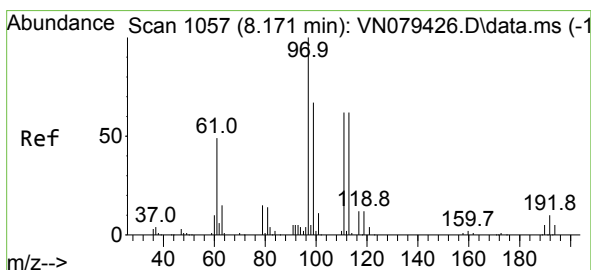
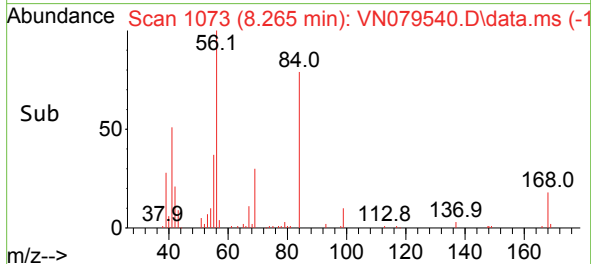
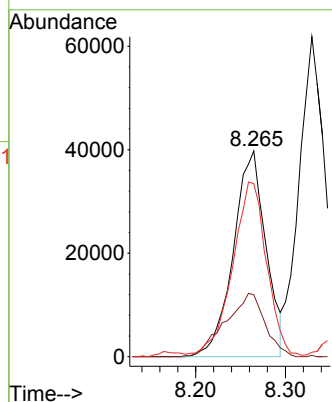
Tgt Ion: 56 Resp: 100135

Ion Ratio Lower Upper

56 100

69 30.1 26.8 40.2

84 82.2 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 19.649 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079540.D

Acq: 12 Oct 2023 13:02

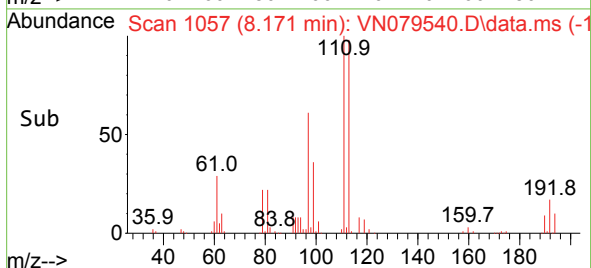
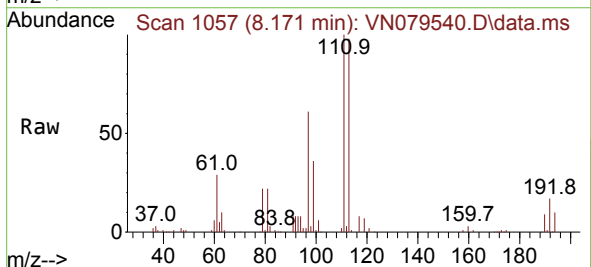
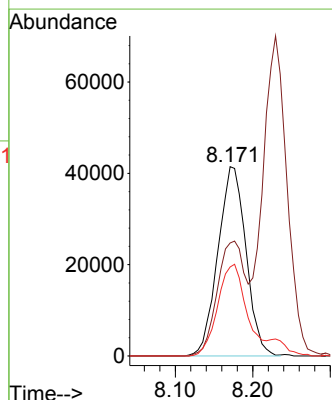
Tgt Ion: 97 Resp: 104391

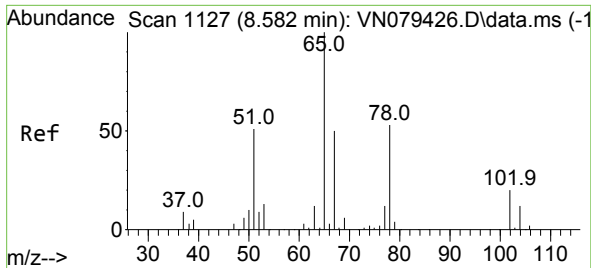
Ion Ratio Lower Upper

97 100

99 60.3 50.3 75.5

61 50.1 34.7 52.1

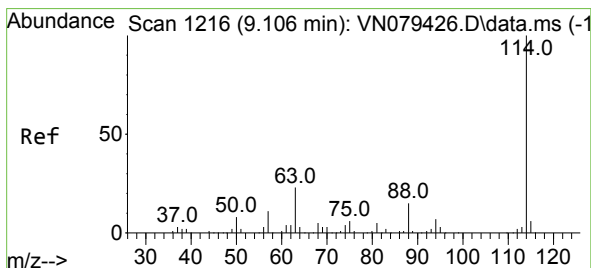
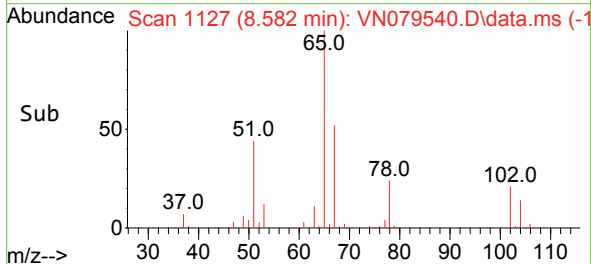
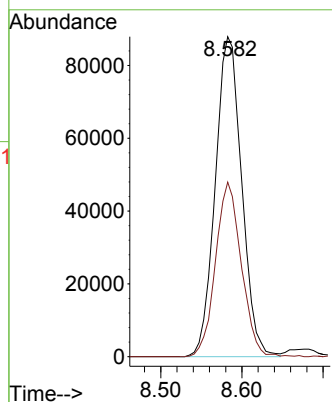
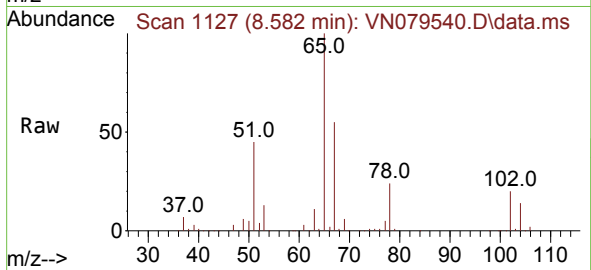




#33
 1,2-Dichloroethane-d4
 Concen: 51.297 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VN079540.D
 Acq: 12 Oct 2023 13:02

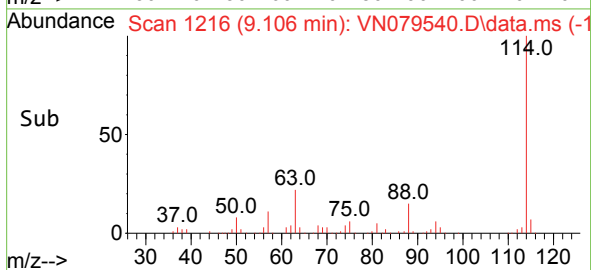
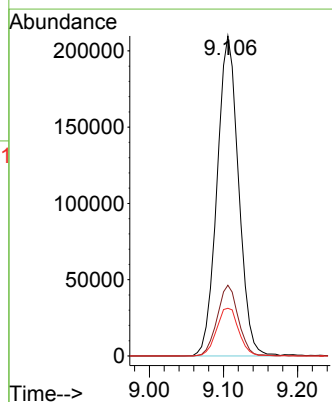
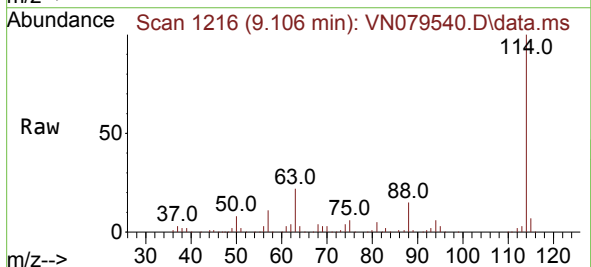
Instrument :
 MSVOA_N
 ClientSampleId :

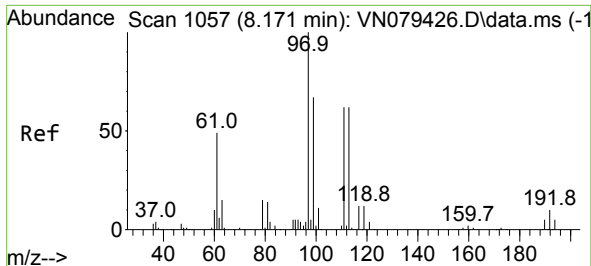
Tgt Ion: 65 Resp: 198613
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN079540.D
 Acq: 12 Oct 2023 13:02

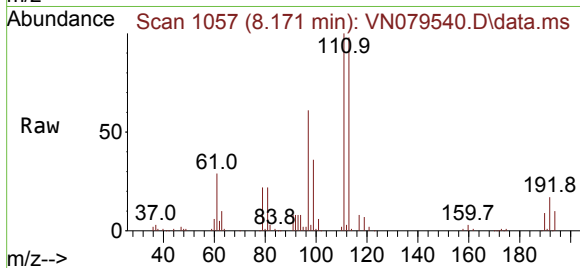
Tgt Ion: 114 Resp: 422971
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 36.4
 88 14.9 0.0 30.6



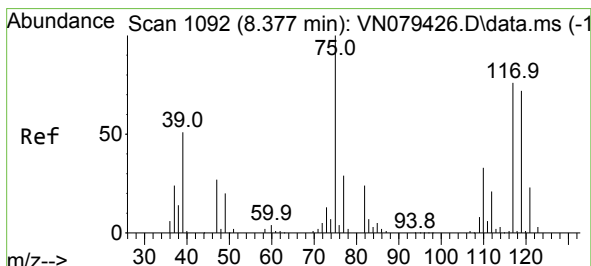
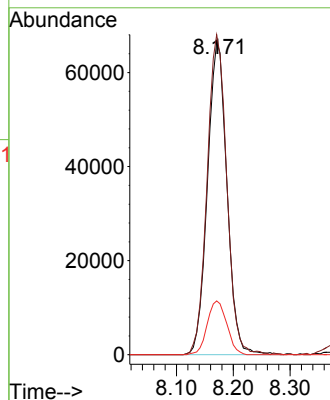
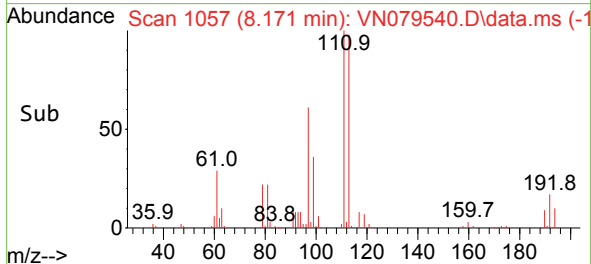


#35
Dibromofluoromethane
Concen: 52.040 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

Instrument :
MSVOA_N
ClientSampleId :

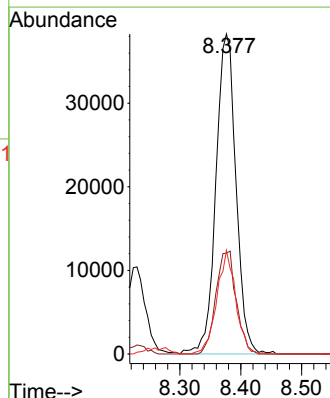
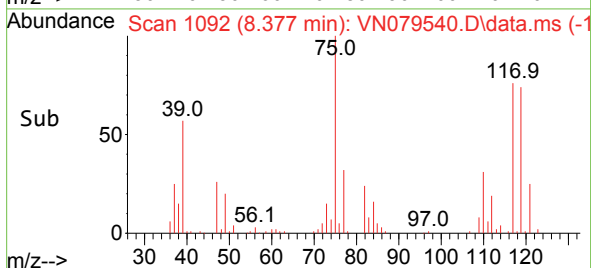
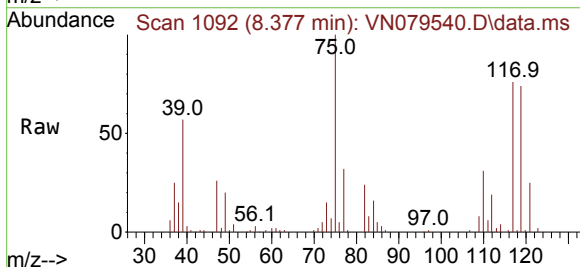


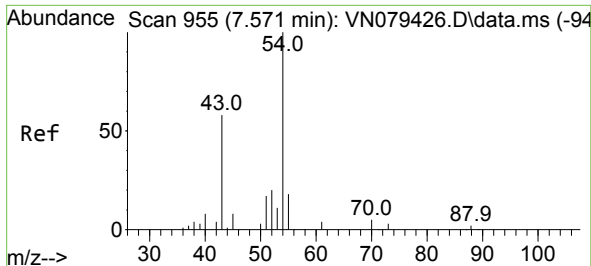
Tgt Ion:113 Resp: 158181
Ion Ratio Lower Upper
113 100
111 103.2 82.6 123.8
192 17.3 12.7 19.1



#36
1,1-Dichloropropene
Concen: 19.223 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

Tgt Ion: 75 Resp: 87695
Ion Ratio Lower Upper
75 100
110 32.6 19.1 57.3
77 30.5 25.0 37.4





#37

Ethyl Acetate

Concen: 20.366 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079540.D

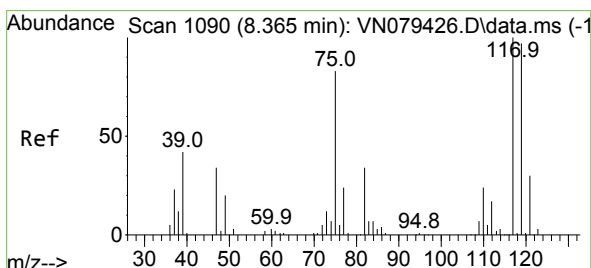
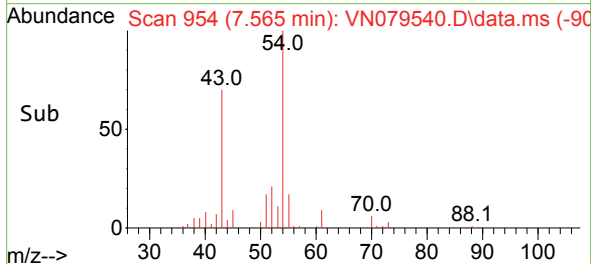
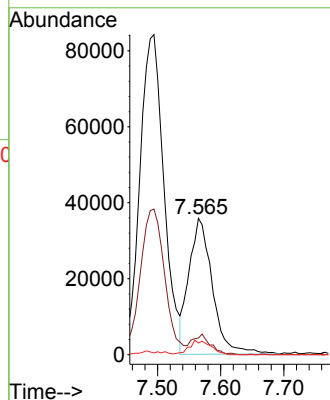
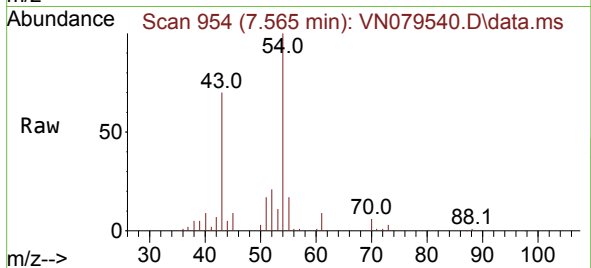
Acq: 12 Oct 2023 13:02

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43	Resp:	92449
Ion	Ratio	Lower Upper
43	100	
61	11.5	13.2 19.8#
70	9.6	11.3 16.9#



#38

Carbon Tetrachloride

Concen: 19.584 ug/l

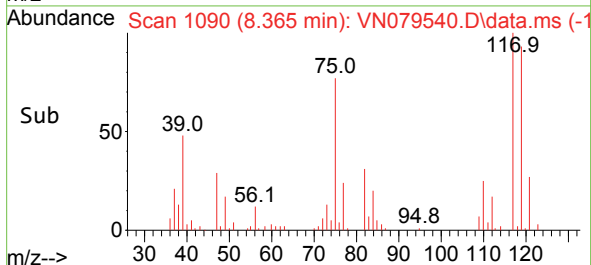
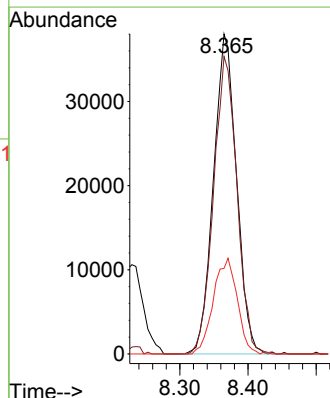
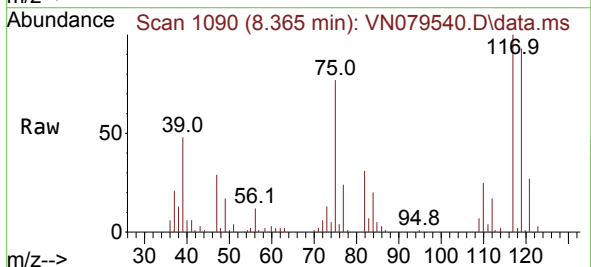
RT: 8.365 min Scan# 1090

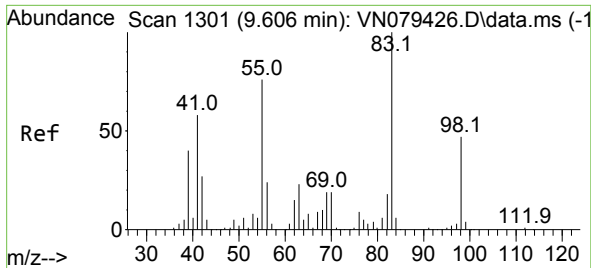
Delta R.T. -0.000 min

Lab File: VN079540.D

Acq: 12 Oct 2023 13:02

Tgt Ion: 117	Resp:	89442
Ion	Ratio	Lower Upper
117	100	
119	93.0	77.3 115.9
121	26.8	23.3 34.9

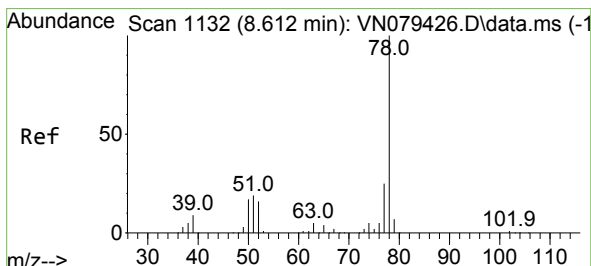
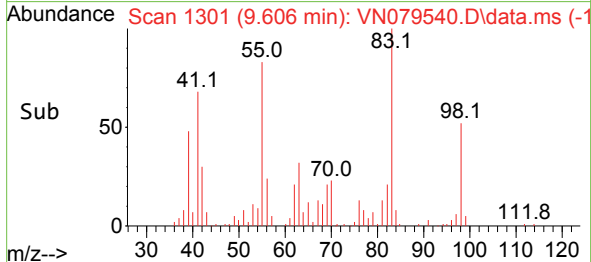
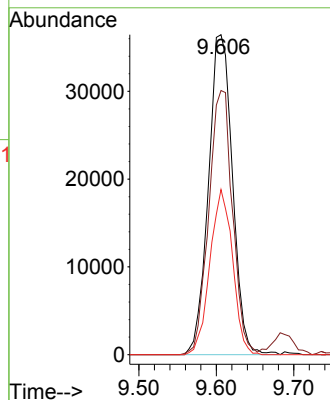
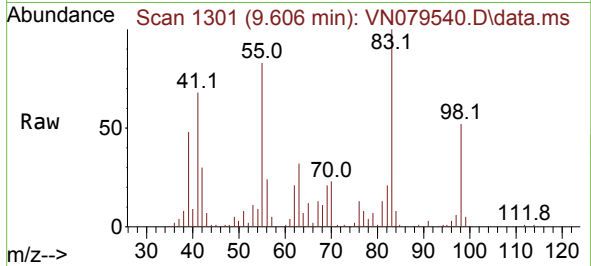




#39
Methylcyclohexane
Concen: 17.972 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. -0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

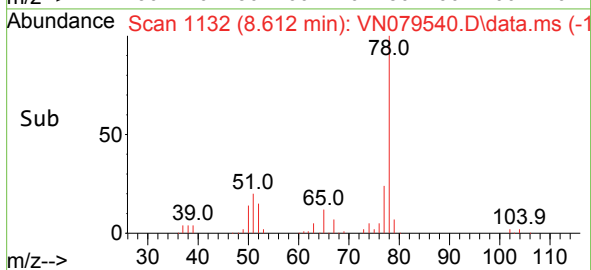
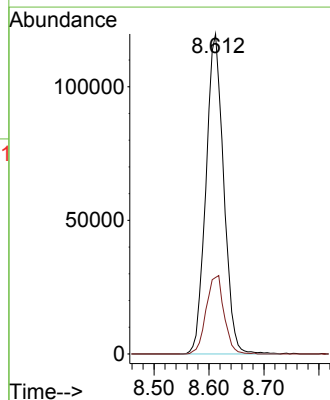
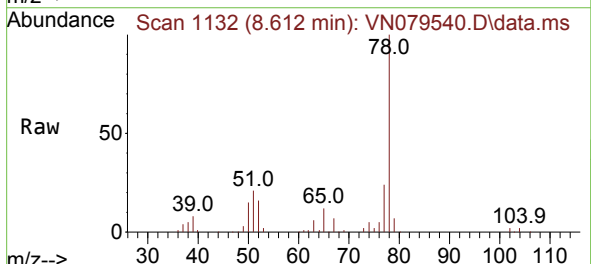
Instrument :
MSVOA_N
ClientSampleId :

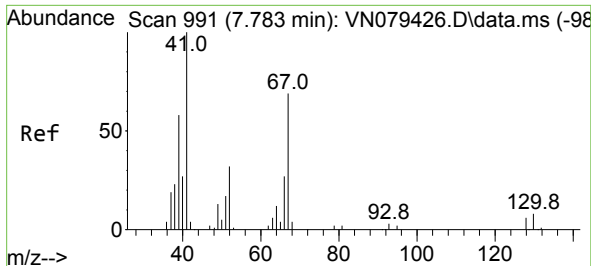
Tgt Ion: 83 Resp: 78770
Ion Ratio Lower Upper
83 100
55 82.6 49.1 73.7#
98 51.6 40.6 61.0



#40
Benzene
Concen: 19.800 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

Tgt Ion: 78 Resp: 268260
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6

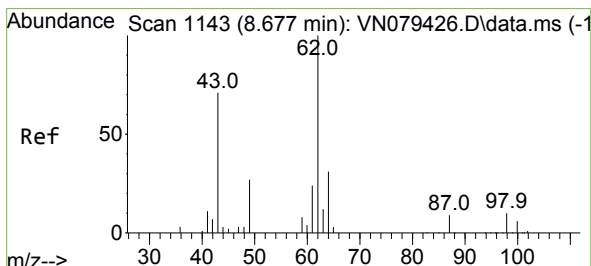
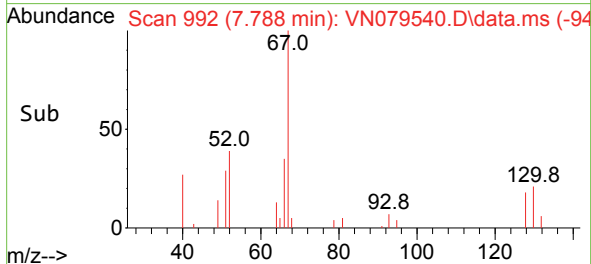
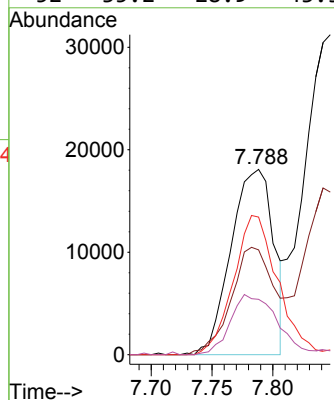
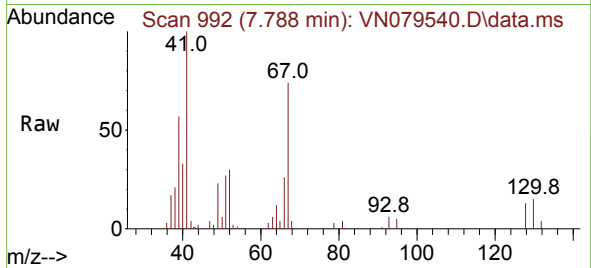




#41
Methacrylonitrile
Concen: 18.475 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

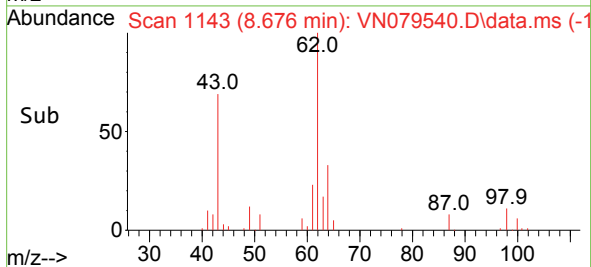
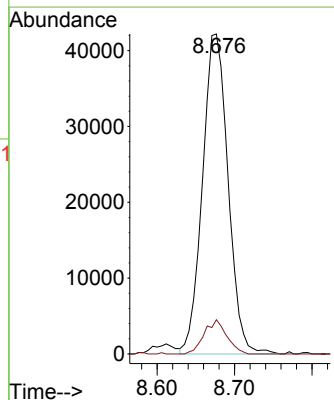
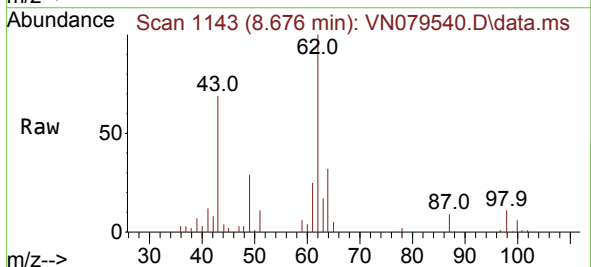
Instrument :
MSVOA_N
ClientSampleId :

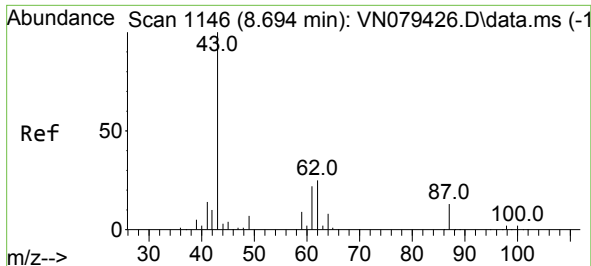
Tgt Ion: 41	Resp: 44091
Ion Ratio	Lower Upper
41 100	
39 56.6	42.6 64.0
67 78.4	77.5 116.3
52 35.2	28.9 43.3



#42
1,2-Dichloroethane
Concen: 19.708 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

Tgt Ion: 62	Resp: 97025
Ion Ratio	Lower Upper
62 100	
98 9.4	0.0 19.8

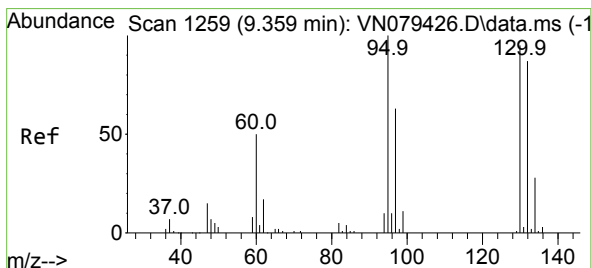
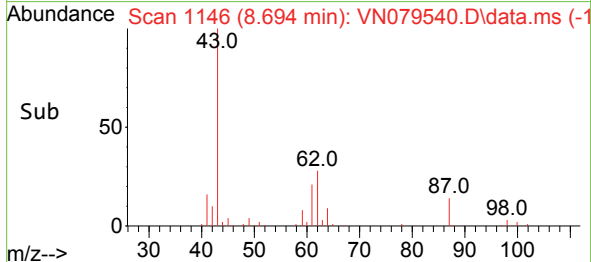
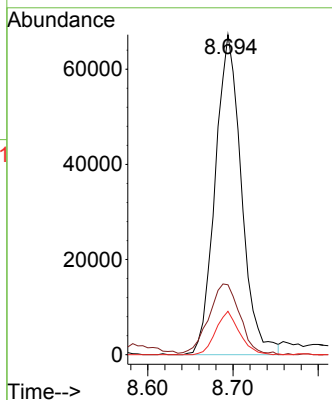
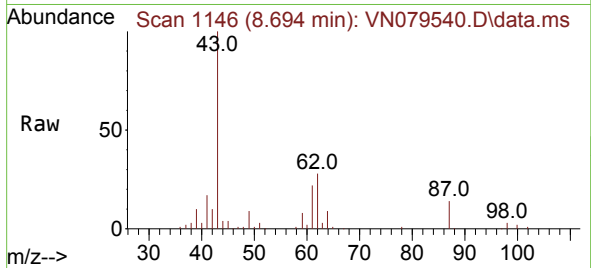




#43
Isopropyl Acetate
Concen: 18.116 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

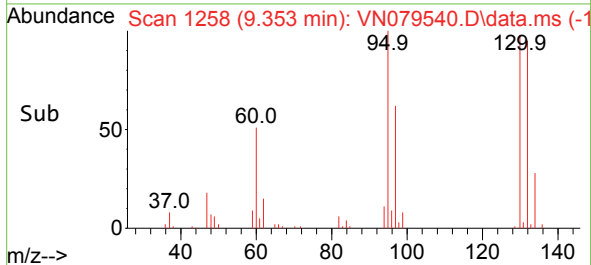
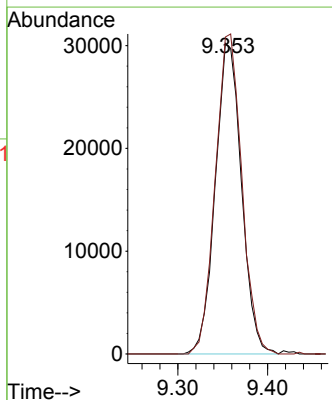
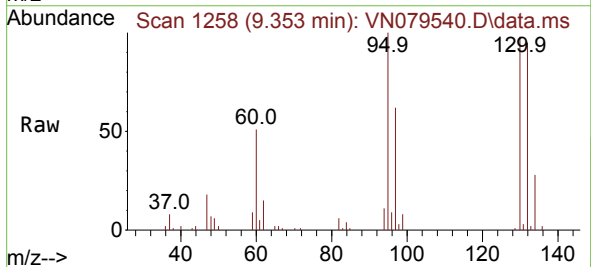
Instrument :
MSVOA_N
ClientSampleId :

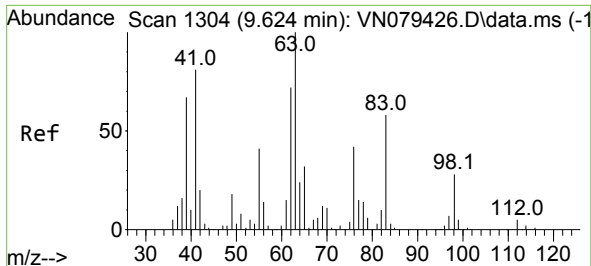
Tgt Ion: 43 Resp: 144072
Ion Ratio Lower Upper
43 100
61 26.3 24.7 37.1
87 12.2 14.6 21.8#



#44
Trichloroethene
Concen: 19.190 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

Tgt Ion:130 Resp: 61195
Ion Ratio Lower Upper
130 100
95 102.0 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.700 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079540.D

Acq: 12 Oct 2023 13:02

Instrument :

MSVOA_N

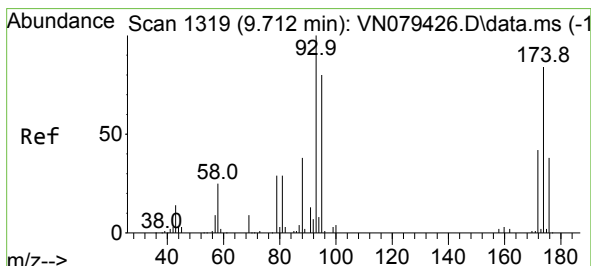
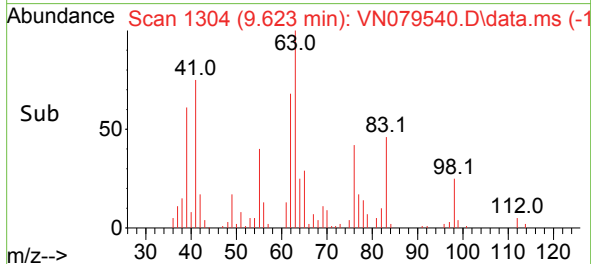
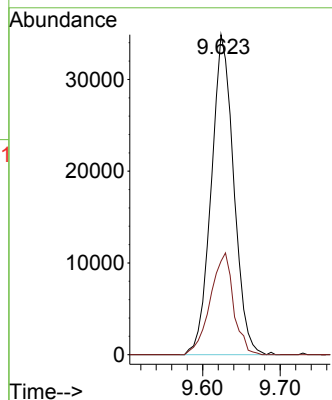
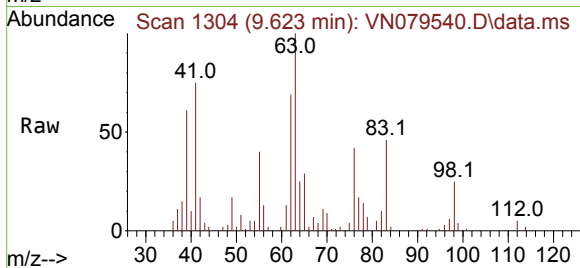
ClientSampleId :

Tgt Ion: 63 Resp: 70322

Ion Ratio Lower Upper

63 100

65 29.2 23.9 35.9



#46

Dibromomethane

Concen: 20.046 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079540.D

Acq: 12 Oct 2023 13:02

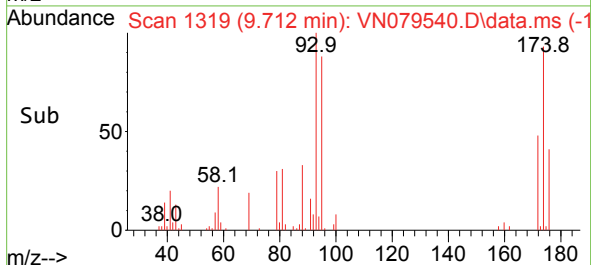
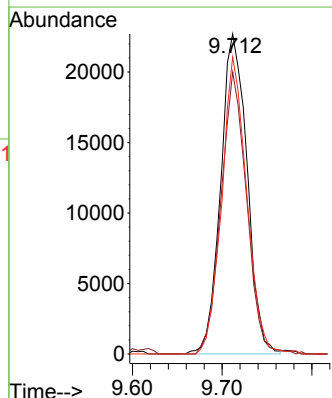
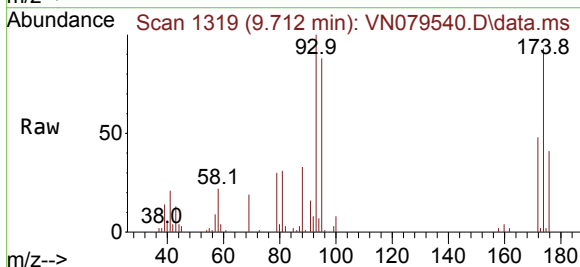
Tgt Ion: 93 Resp: 46346

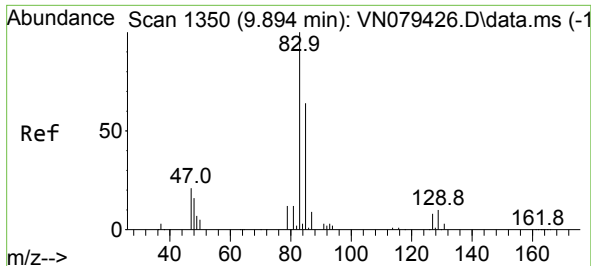
Ion Ratio Lower Upper

93 100

95 85.2 63.8 95.8

174 88.2 65.6 98.4

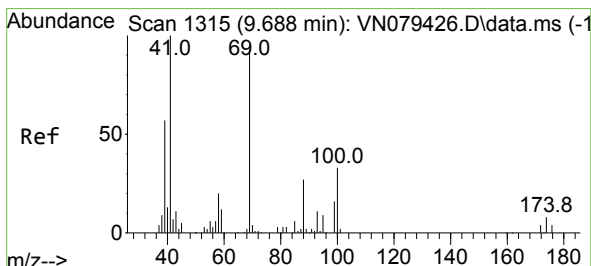
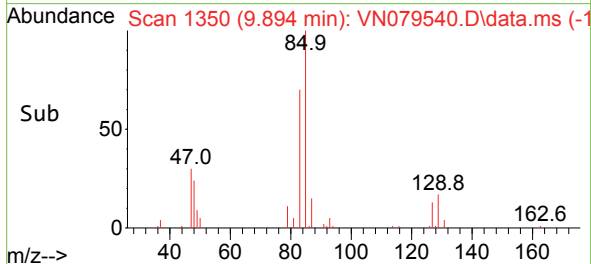
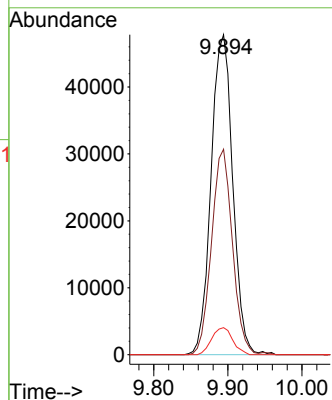
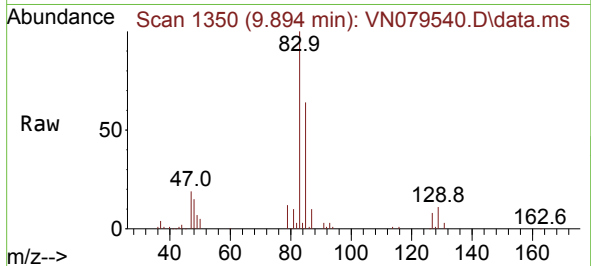




#47
Bromodichloromethane
Concen: 20.406 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

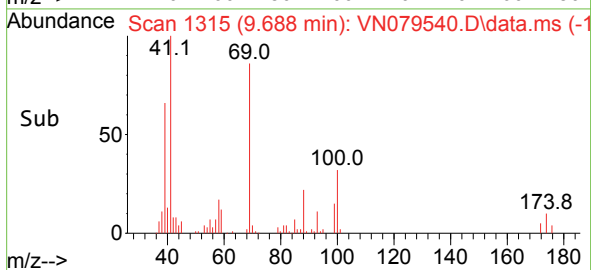
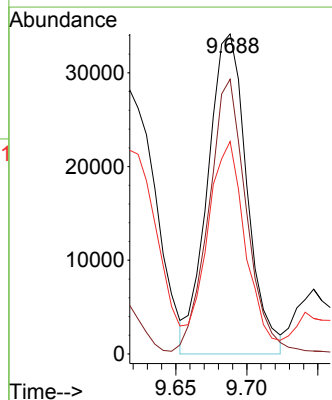
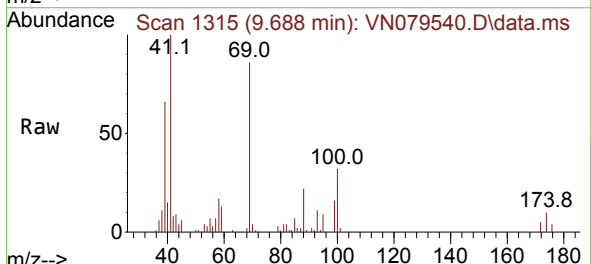
Instrument :
MSVOA_N
ClientSampleId :

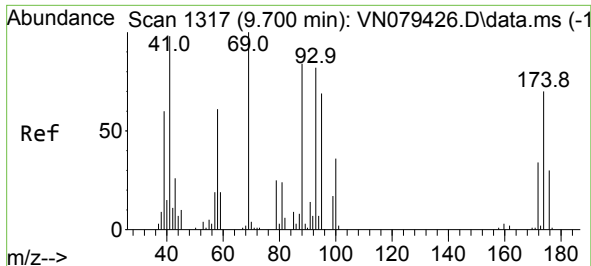
Tgt Ion: 83 Resp: 97046
Ion Ratio Lower Upper
83 100
85 64.2 49.6 74.4
127 8.5 7.0 10.6



#48
Methyl methacrylate
Concen: 19.303 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

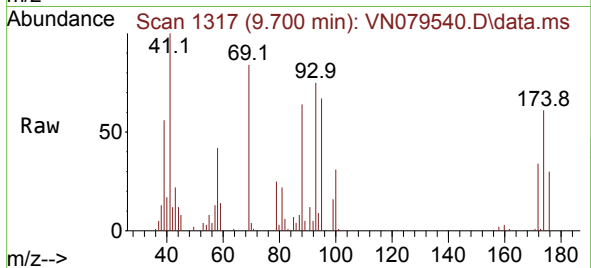
Tgt Ion: 41 Resp: 65784
Ion Ratio Lower Upper
41 100
69 83.6 90.4 135.6#
39 65.7 54.6 81.8



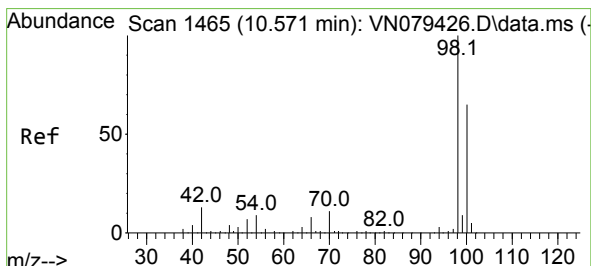
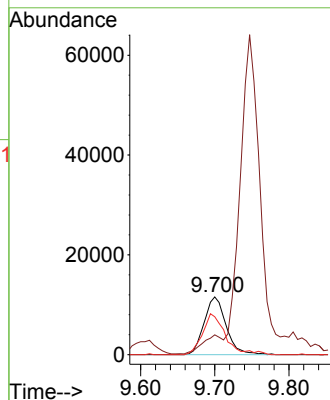
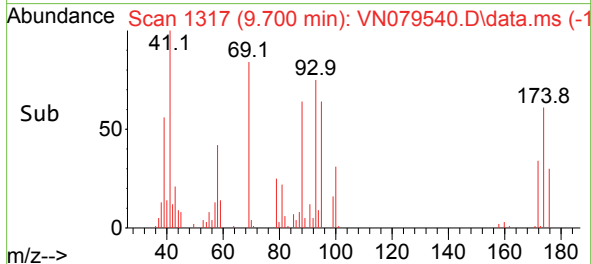


#49
1,4-Dioxane
Concen: 379.066 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

Instrument :
MSVOA_N
ClientSampleId :

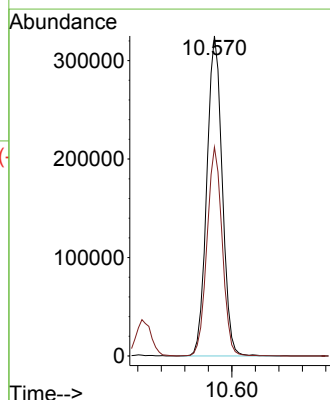
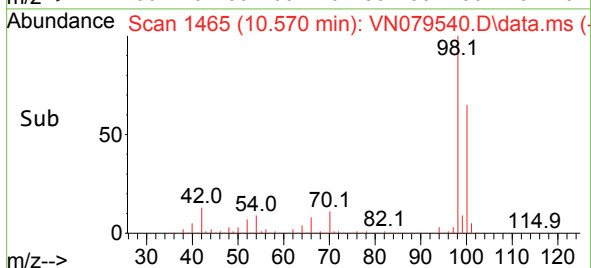
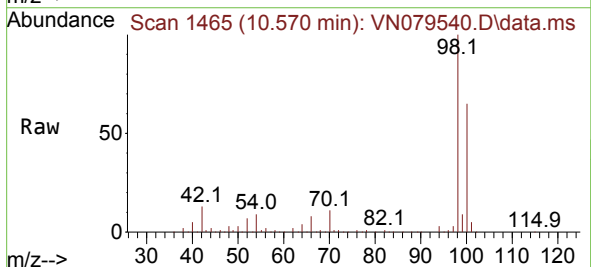


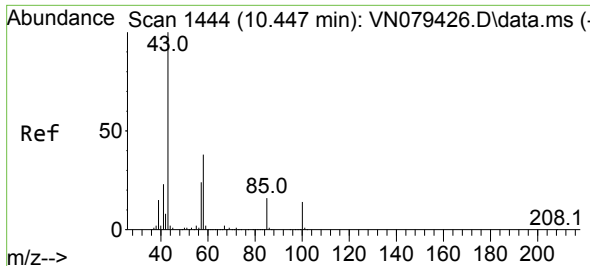
Tgt Ion: 88 Resp: 23795
Ion Ratio Lower Upper
88 100
43 29.6 17.0 25.6#
58 74.2 47.0 70.4#



#50
Toluene-d8
Concen: 53.657 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

Tgt Ion: 98 Resp: 590128
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

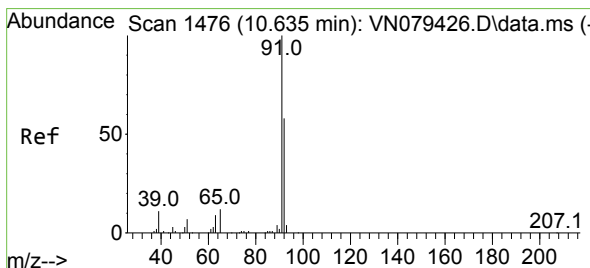
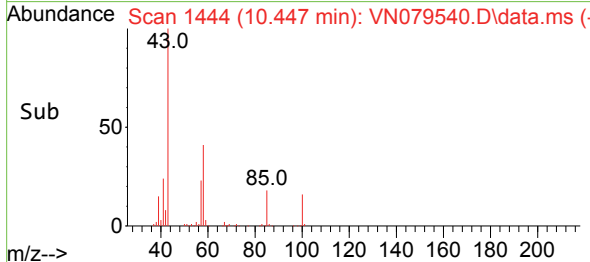
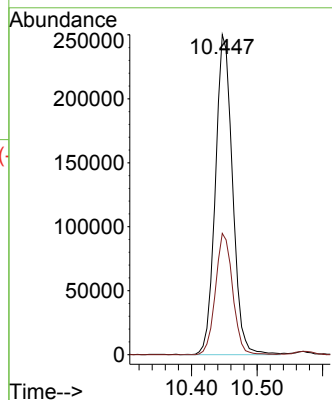
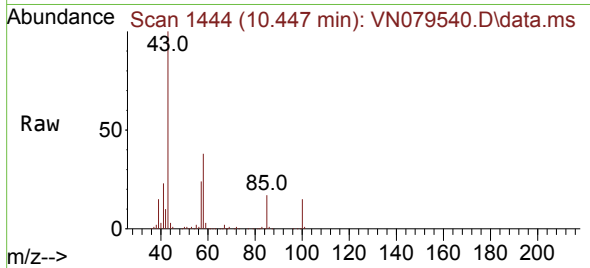




#51
4-Methyl-2-Pentanone
Concen: 101.119 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

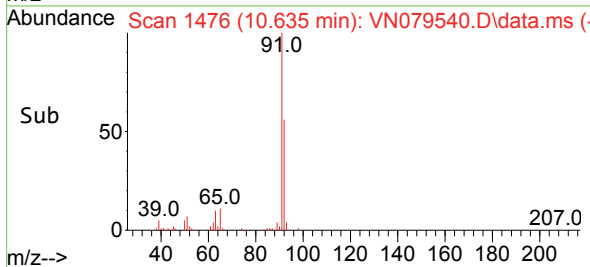
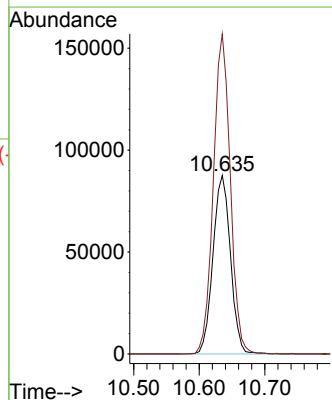
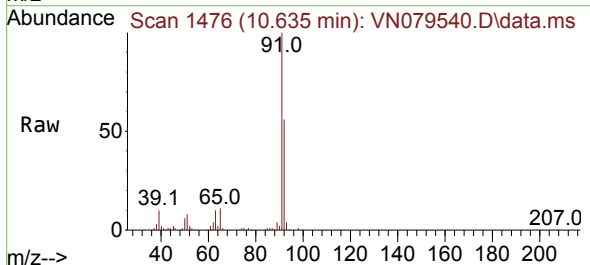
Instrument :
MSVOA_N
ClientSampleId :

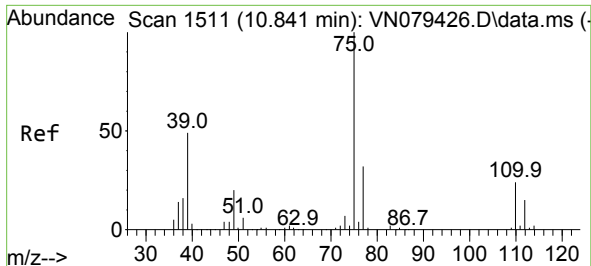
Tgt Ion: 43 Resp: 453961
Ion Ratio Lower Upper
43 100
58 37.9 36.6 54.8



#52
Toluene
Concen: 20.313 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

Tgt Ion: 92 Resp: 161999
Ion Ratio Lower Upper
92 100
91 173.6 137.4 206.0

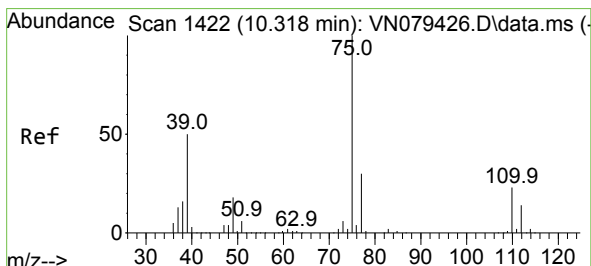
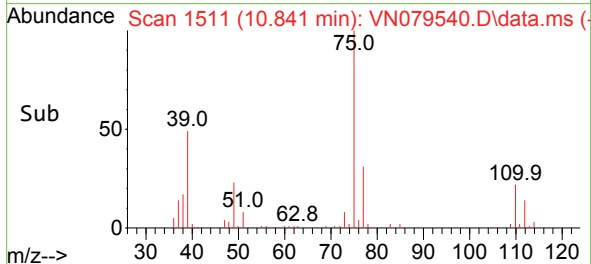
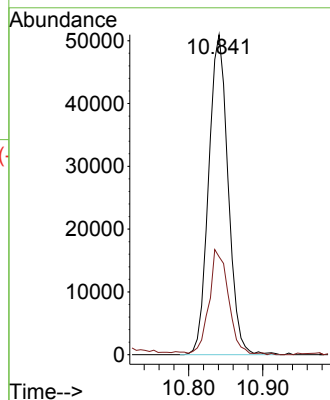
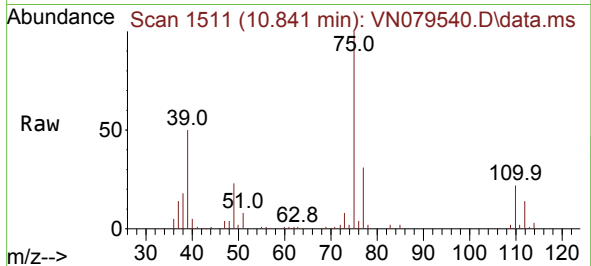




#53
 t-1,3-Dichloropropene
 Concen: 19.384 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. -0.000 min
 Lab File: VN079540.D
 Acq: 12 Oct 2023 13:02

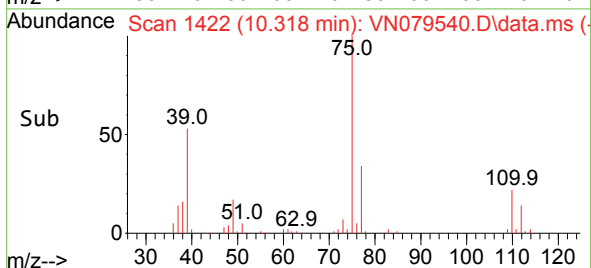
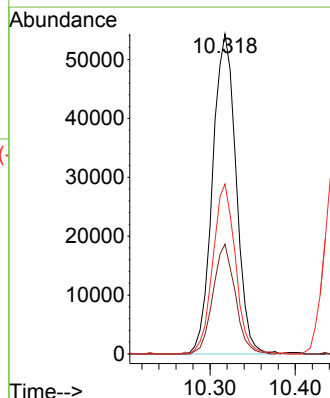
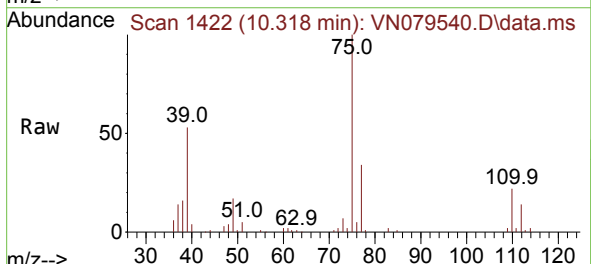
Instrument :
 MSVOA_N
 ClientSampleId :

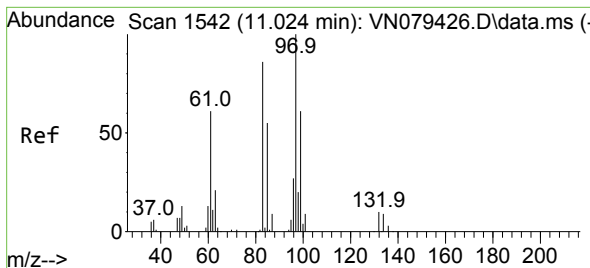
Tgt Ion: 75 Resp: 92899
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.828 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079540.D
 Acq: 12 Oct 2023 13:02

Tgt Ion: 75 Resp: 104029
 Ion Ratio Lower Upper
 75 100
 77 34.3 26.1 39.1
 39 53.1 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 19.912 ug/l

RT: 11.023 min Scan# 1542

Delta R.T. -0.000 min

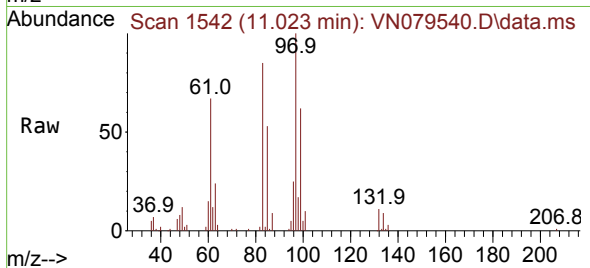
Lab File: VN079540.D

Acq: 12 Oct 2023 13:02

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 63753

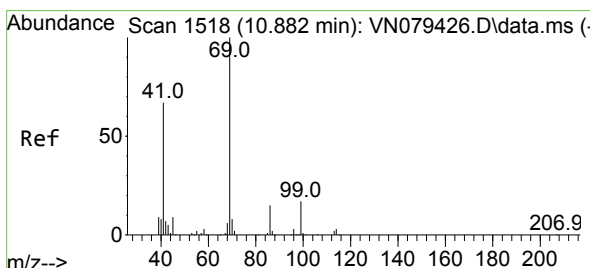
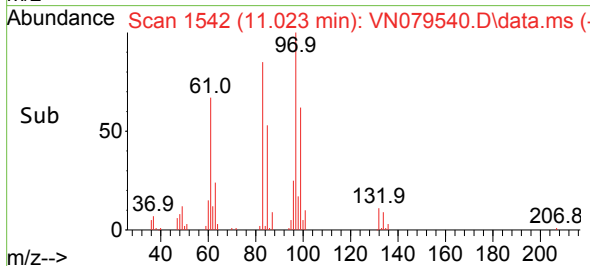
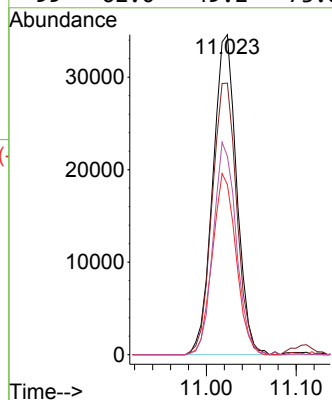
Ion Ratio Lower Upper

97 100

83 84.8 65.1 97.7

85 53.2 43.4 65.2

99 62.0 49.2 73.8



#56

Ethyl methacrylate

Concen: 20.349 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.006 min

Lab File: VN079540.D

Acq: 12 Oct 2023 13:02

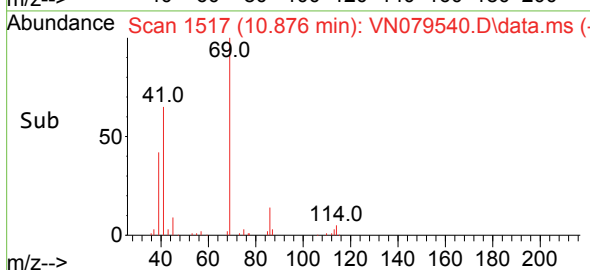
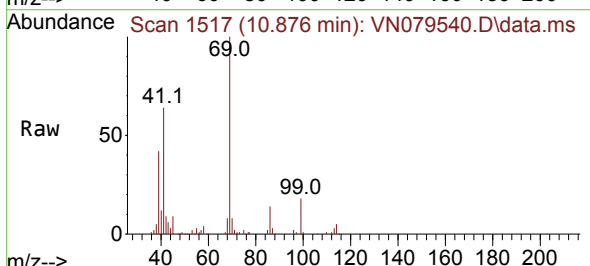
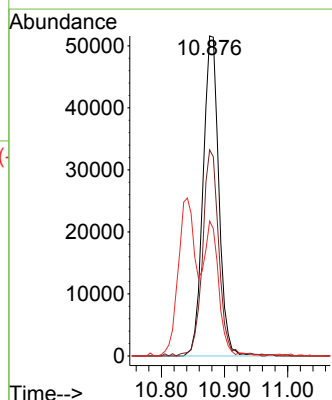
Tgt Ion: 69 Resp: 89528

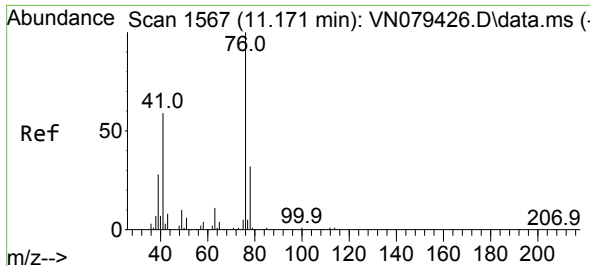
Ion Ratio Lower Upper

69 100

41 66.4 39.6 59.4#

39 39.5 28.6 43.0





#57

1,3-Dichloropropane

Concen: 20.700 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.006 min

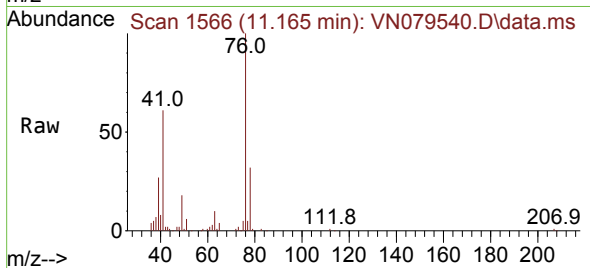
Lab File: VN079540.D

Acq: 12 Oct 2023 13:02

Instrument :

MSVOA_N

ClientSampleId :

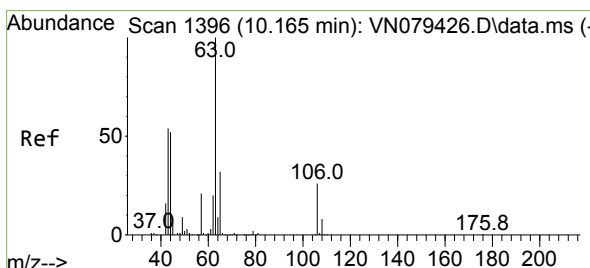
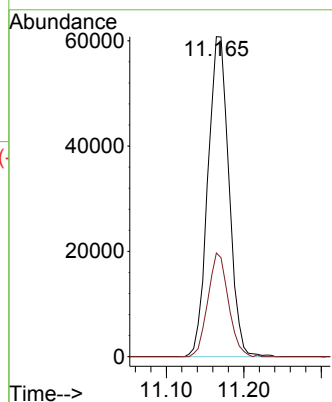
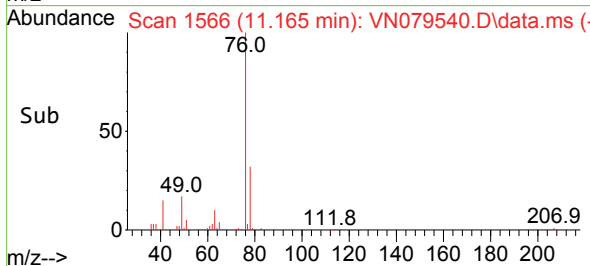


Tgt Ion: 76 Resp: 114444

Ion Ratio Lower Upper

76 100

78 31.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 99.397 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079540.D

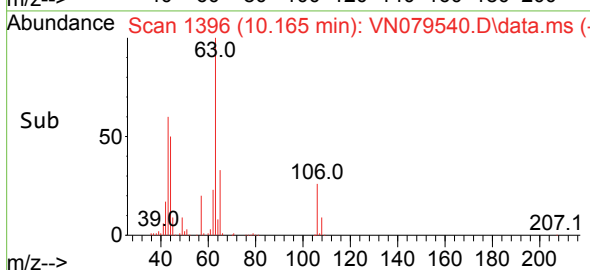
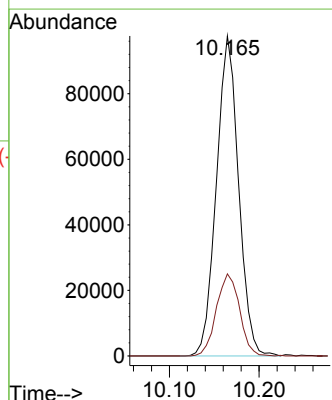
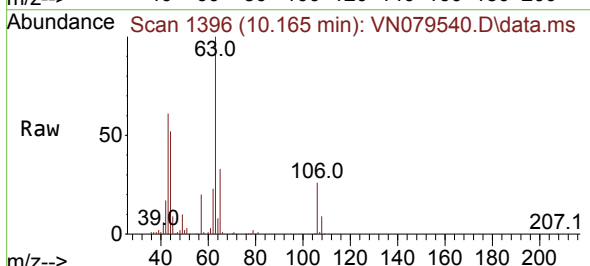
Acq: 12 Oct 2023 13:02

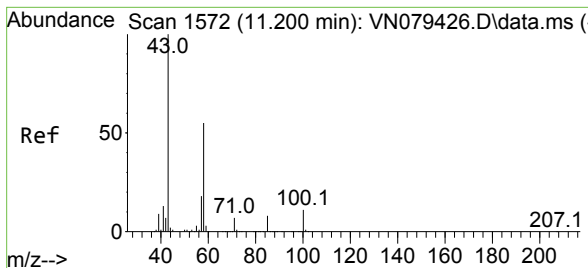
Tgt Ion: 63 Resp: 167474

Ion Ratio Lower Upper

63 100

106 26.7 26.2 39.4

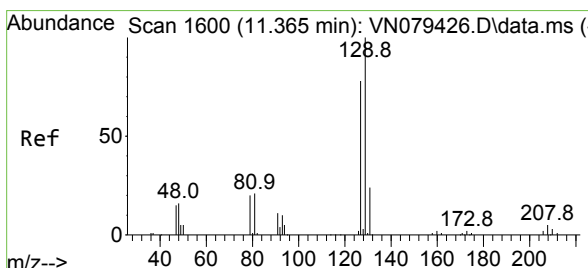
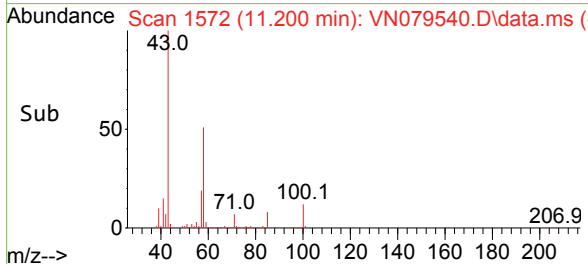
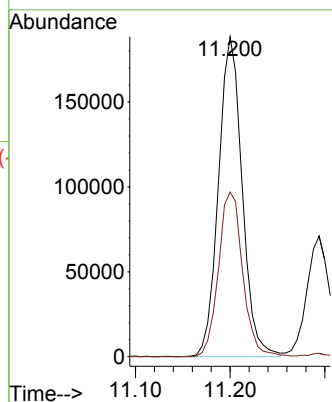
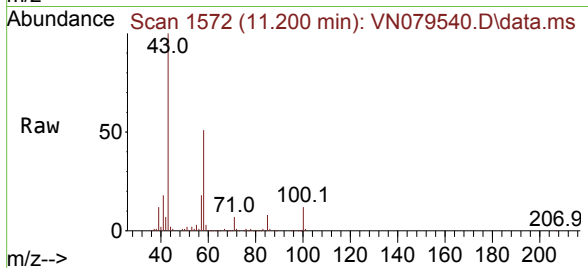




#59
2-Hexanone
Concen: 100.967 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

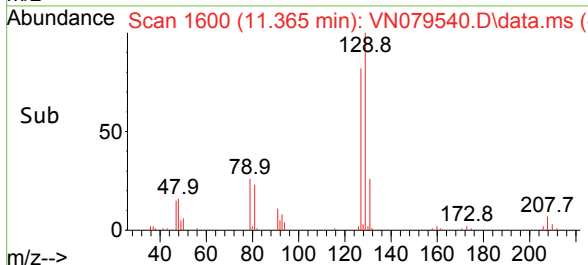
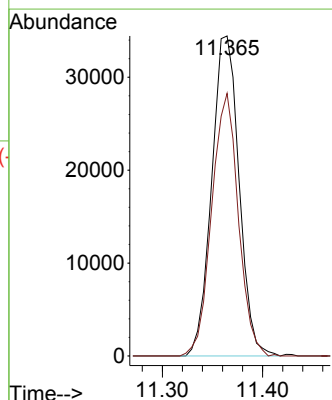
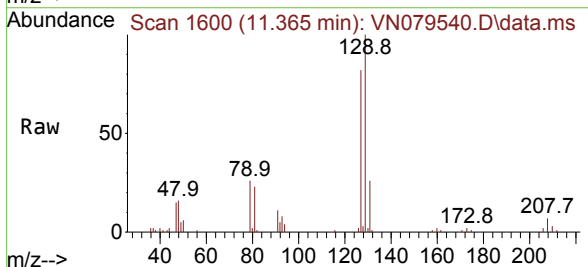
Instrument :
MSVOA_N
ClientSampleId :

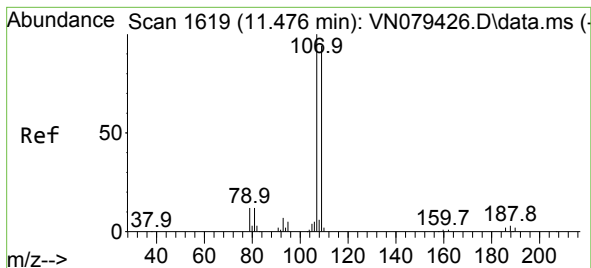
Tgt Ion: 43 Resp: 327089
Ion Ratio Lower Upper
43 100
58 52.7 31.7 95.1



#60
Dibromochloromethane
Concen: 20.292 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

Tgt Ion:129 Resp: 65297
Ion Ratio Lower Upper
129 100
127 79.9 38.6 116.0

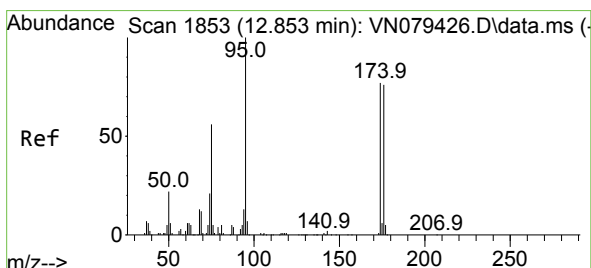
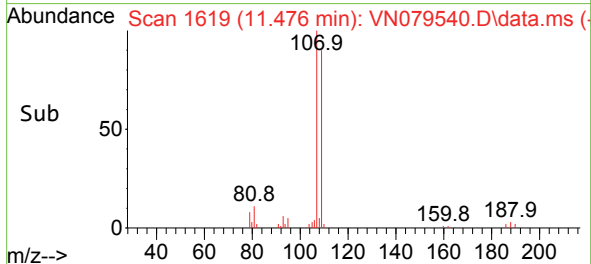
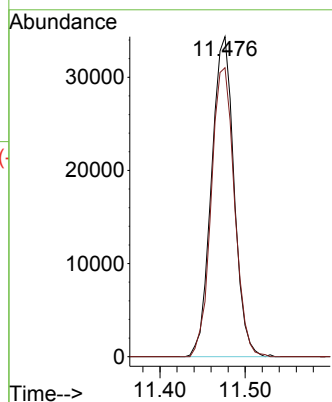
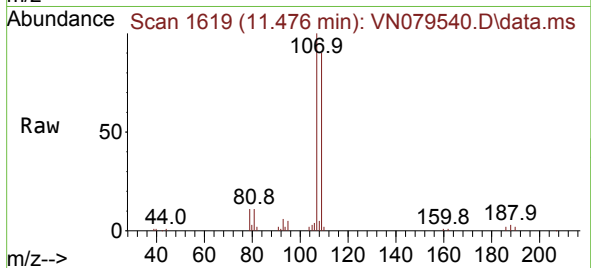




#61
1,2-Dibromoethane
Concen: 19.908 ug/l
RT: 11.476 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

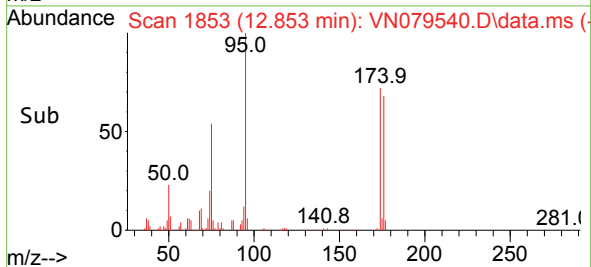
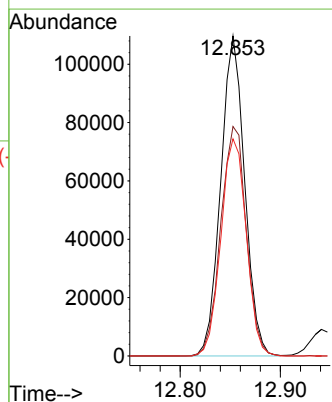
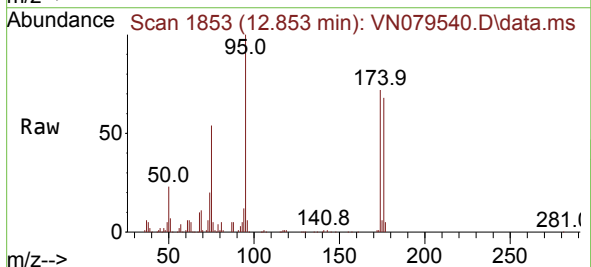
Instrument :
MSVOA_N
ClientSampleId :

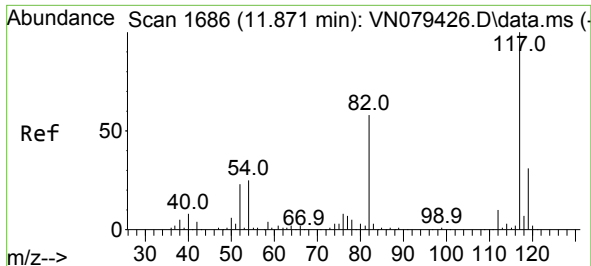
Tgt Ion:107 Resp: 63255
Ion Ratio Lower Upper
107 100
109 92.8 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 51.508 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

Tgt Ion: 95 Resp: 181801
Ion Ratio Lower Upper
95 100
174 76.5 0.0 143.8
176 71.8 0.0 135.8

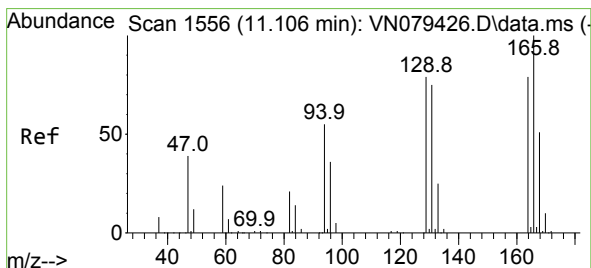
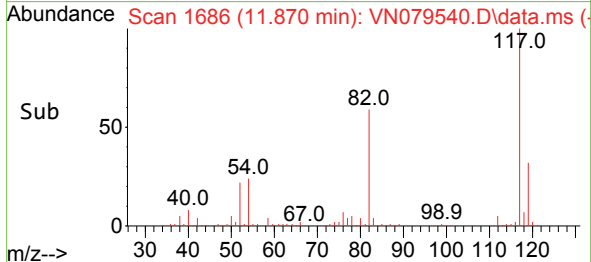
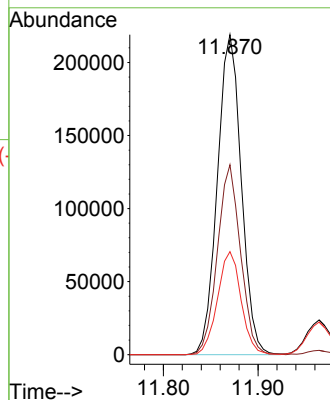
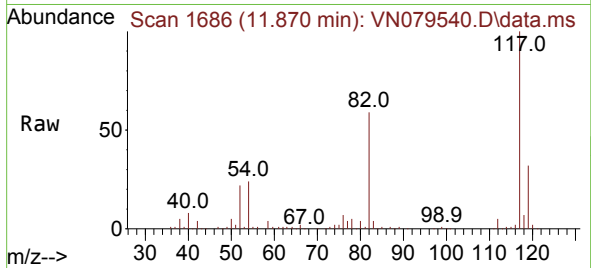




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

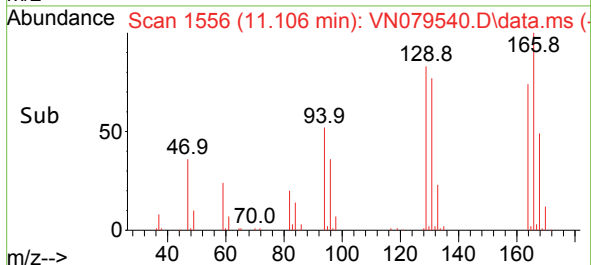
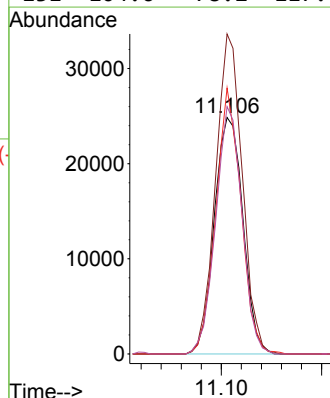
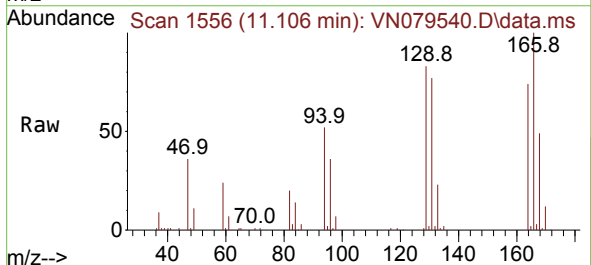
Instrument :
MSVOA_N
ClientSampleId :

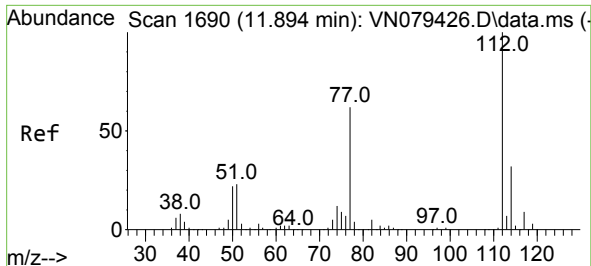
Tgt Ion:117 Resp: 384630
Ion Ratio Lower Upper
117 100
82 59.3 44.0 66.0
119 32.2 25.6 38.4



#64
Tetrachloroethene
Concen: 18.554 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

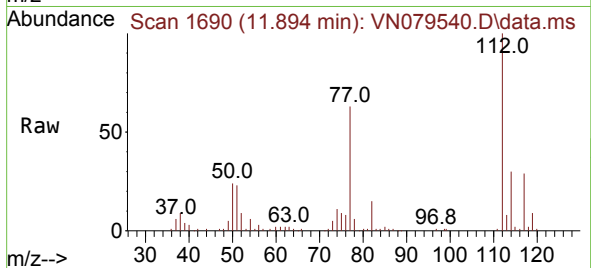
Tgt Ion:164 Resp: 49094
Ion Ratio Lower Upper
164 100
166 135.4 101.4 152.0
129 112.5 82.4 123.6
131 104.6 78.2 117.4



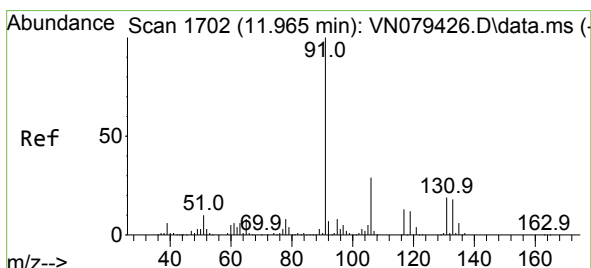
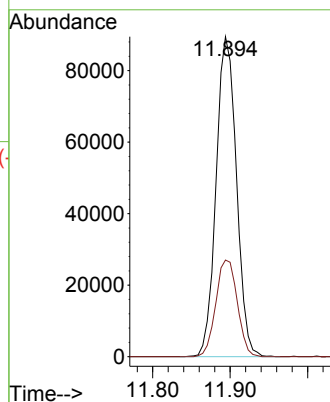
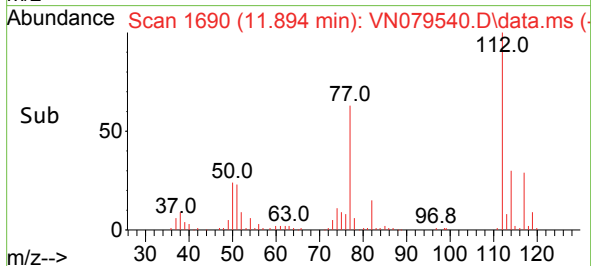


#65
Chlorobenzene
Concen: 19.025 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

Instrument :
MSVOA_N
ClientSampleId :

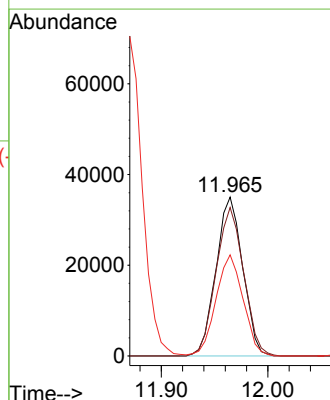
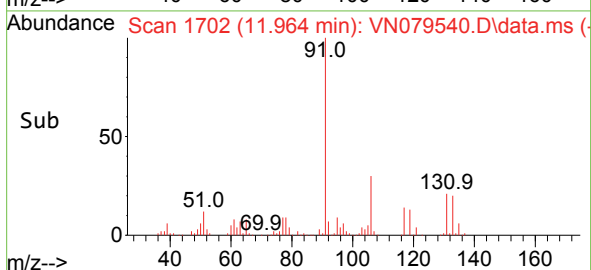
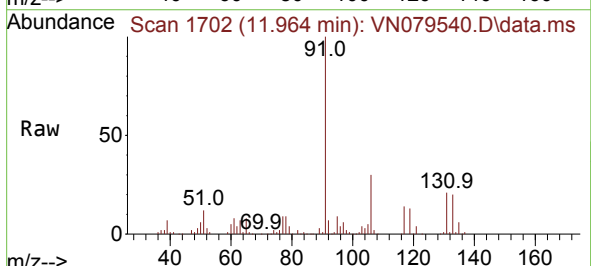


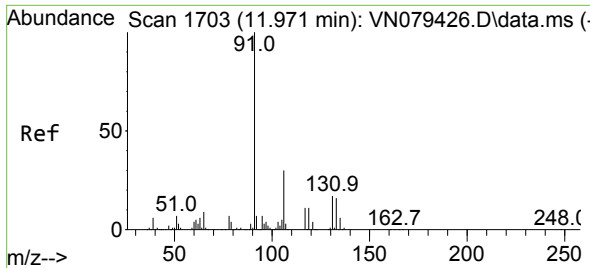
Tgt Ion:112 Resp: 162967
Ion Ratio Lower Upper
112 100
114 30.2 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.461 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

Tgt Ion:131 Resp: 61035
Ion Ratio Lower Upper
131 100
133 97.0 46.4 139.1
119 64.6 34.1 102.2

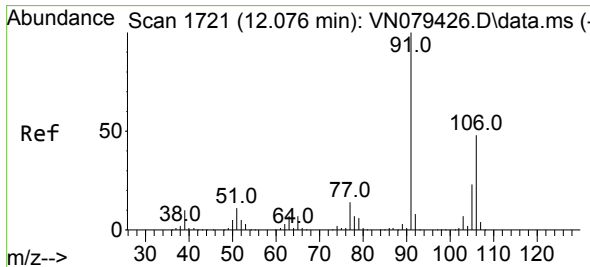
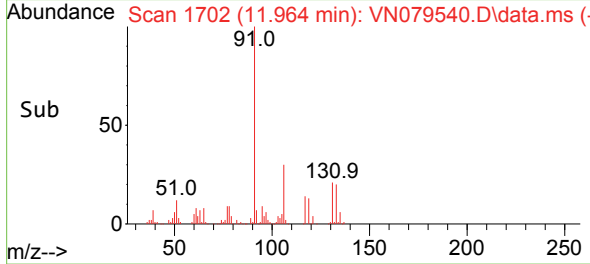
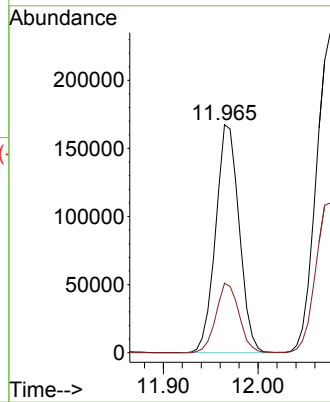
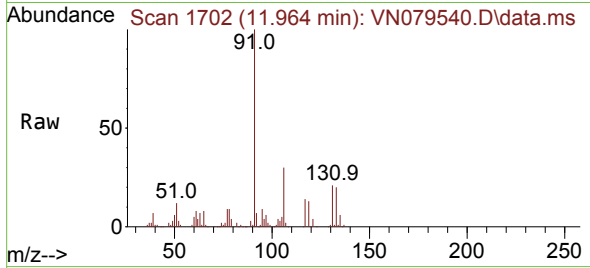




#67
Ethyl Benzene
Concen: 19.392 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

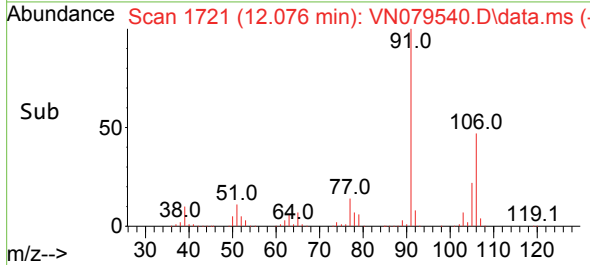
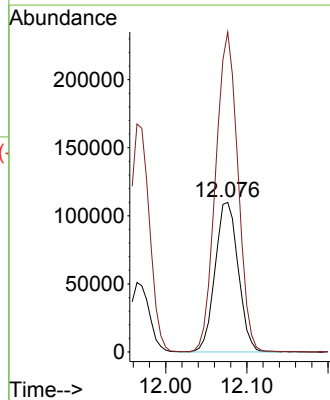
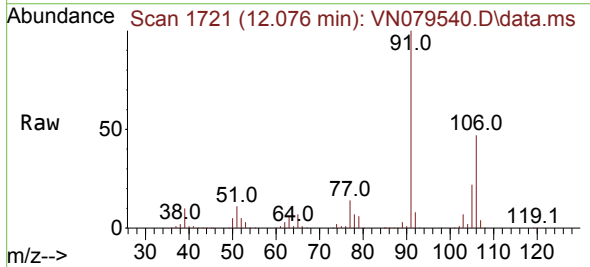
Instrument :
MSVOA_N
ClientSampleId :

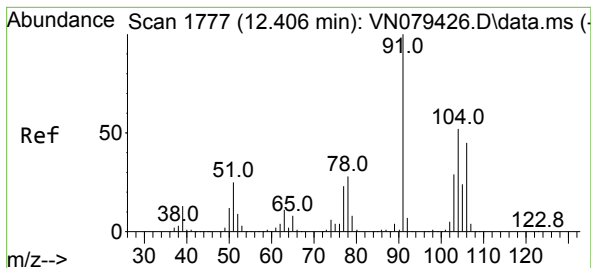
Tgt Ion: 91 Resp: 288707
Ion Ratio Lower Upper
91 100
106 30.5 25.6 38.4



#68
m/p-Xylenes
Concen: 40.195 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

Tgt Ion:106 Resp: 217437
Ion Ratio Lower Upper
106 100
91 206.2 159.6 239.4





#69

o-Xylene

Concen: 19.203 ug/l

RT: 12.400 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VN079540.D

Acq: 12 Oct 2023 13:02

Instrument :

MSVOA_N

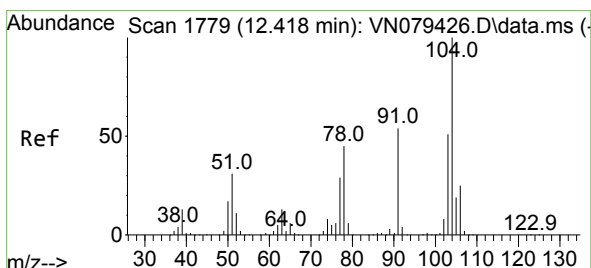
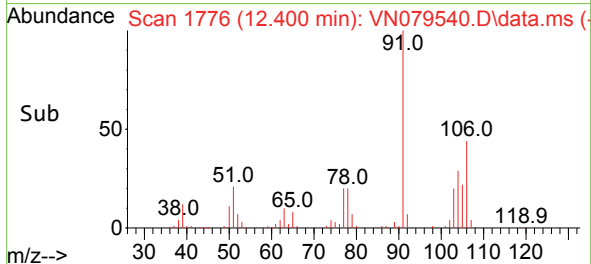
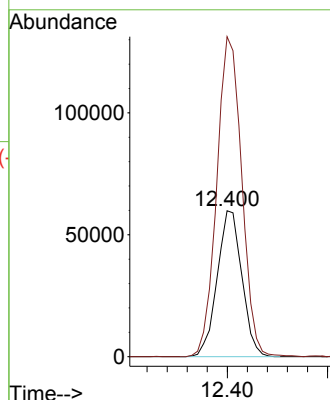
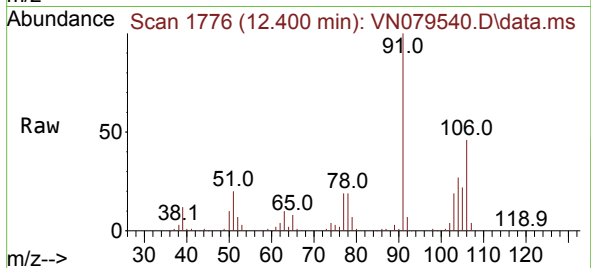
ClientSampleId :

Tgt Ion:106 Resp: 102160

Ion Ratio Lower Upper

106 100

91 222.4 105.2 315.5



#70

Styrene

Concen: 19.595 ug/l

RT: 12.417 min Scan# 1779

Delta R.T. -0.001 min

Lab File: VN079540.D

Acq: 12 Oct 2023 13:02

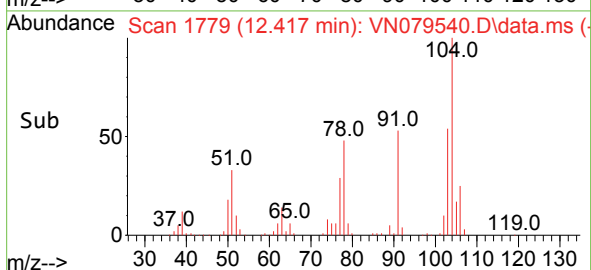
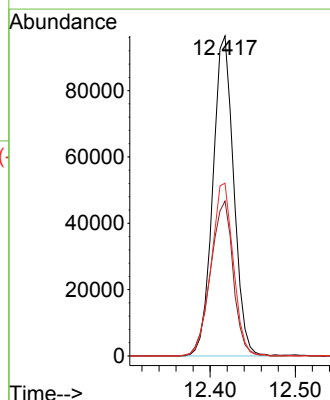
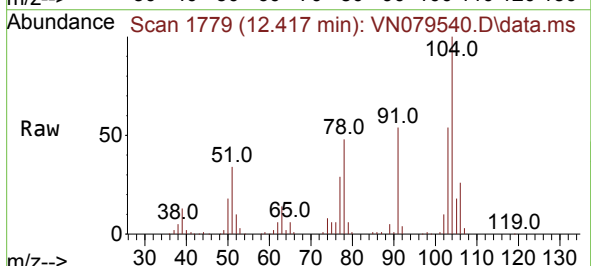
Tgt Ion:104 Resp: 164659

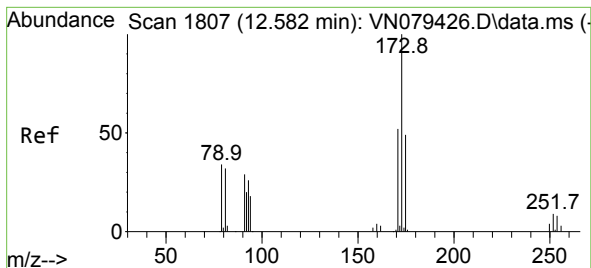
Ion Ratio Lower Upper

104 100

78 52.3 39.5 59.3

103 57.5 43.2 64.8





#71

Bromoform

Concen: 18.577 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

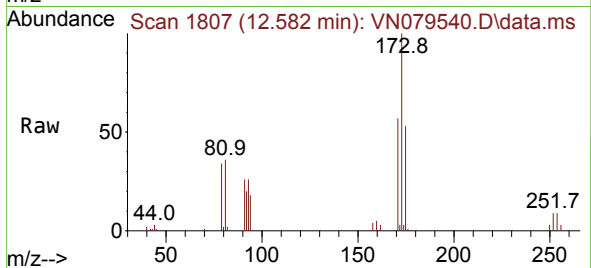
Lab File: VN079540.D

Acq: 12 Oct 2023 13:02

Instrument :

MSVOA_N

ClientSampleId :



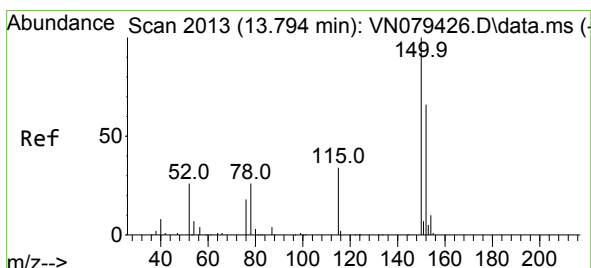
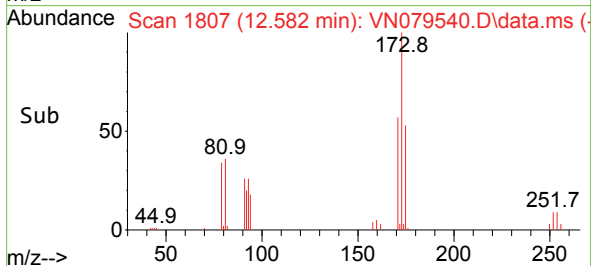
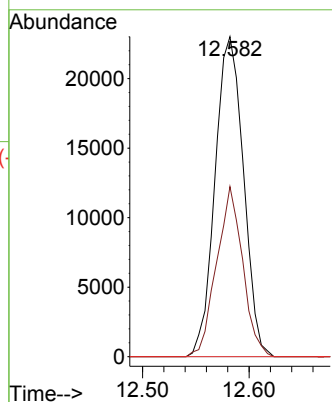
Tgt Ion:173 Resp: 42643

Ion Ratio Lower Upper

173 100

175 48.8 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN079540.D

Acq: 12 Oct 2023 13:02

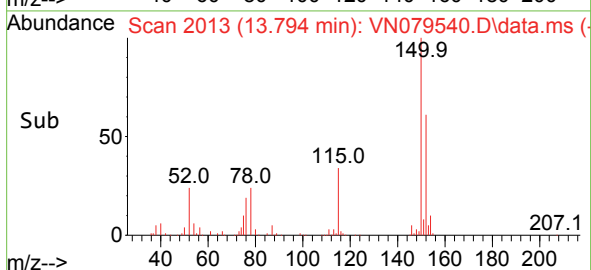
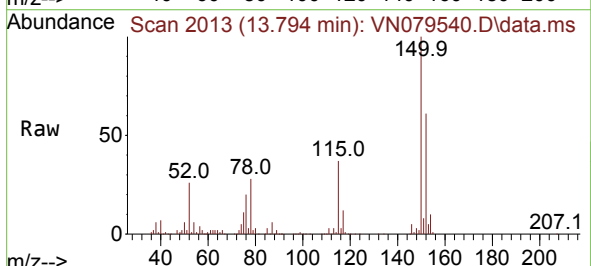
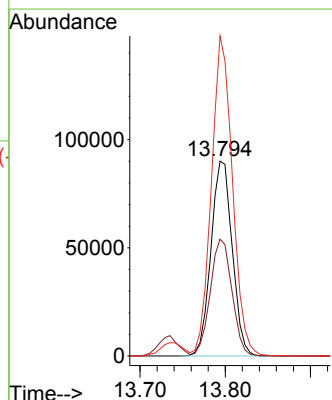
Tgt Ion:152 Resp: 156494

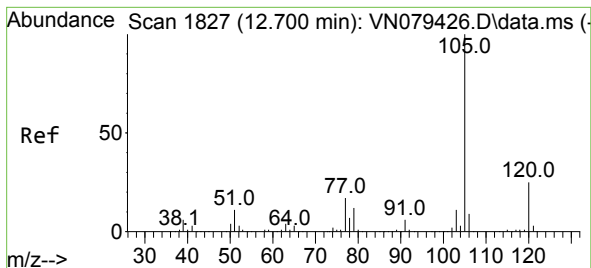
Ion Ratio Lower Upper

152 100

115 61.1 32.3 96.8

150 162.6 0.0 355.8





#73

Isopropylbenzene

Concen: 17.921 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN079540.D

Acq: 12 Oct 2023 13:02

Instrument :

MSVOA_N

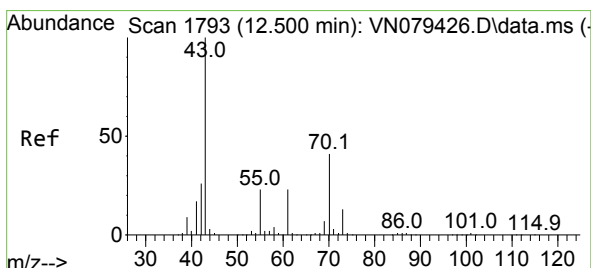
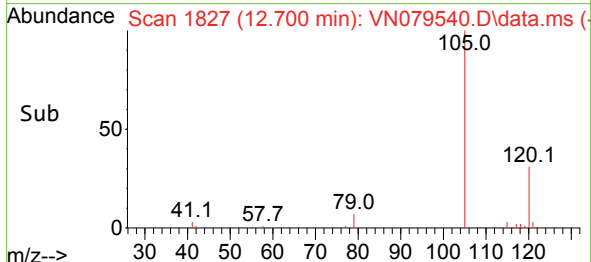
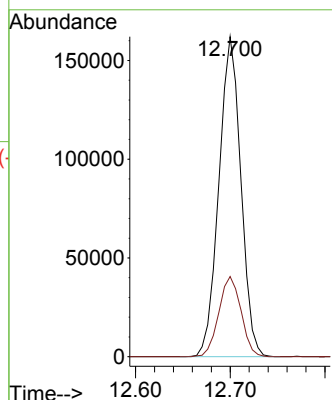
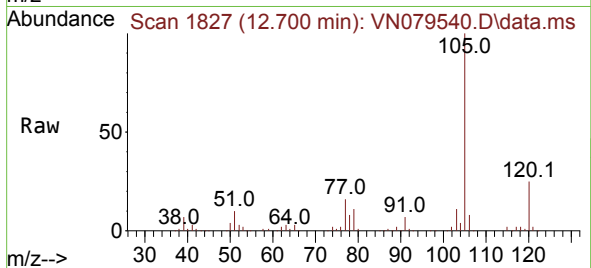
ClientSampleId :

Tgt Ion:105 Resp: 260915

Ion Ratio Lower Upper

105 100

120 25.3 13.1 39.1



#74

N-ethyl acetate

Concen: 18.140 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN079540.D

Acq: 12 Oct 2023 13:02

Tgt Ion: 43 Resp: 108273

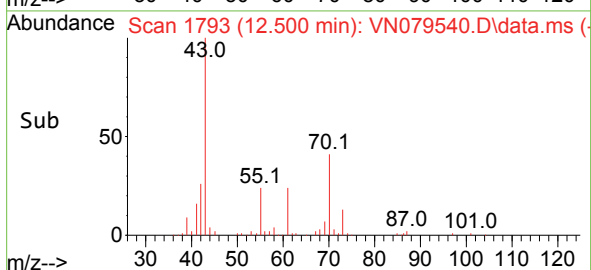
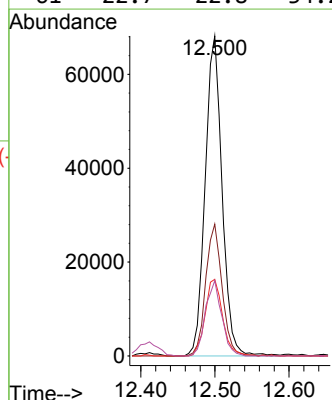
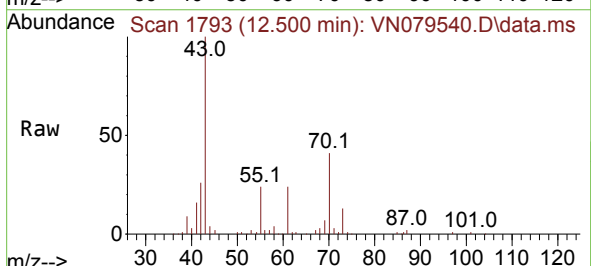
Ion Ratio Lower Upper

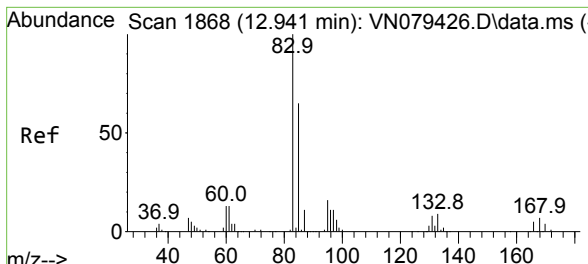
43 100

70 39.9 43.4 65.2#

55 24.9 21.4 32.0

61 22.7 22.8 34.2#

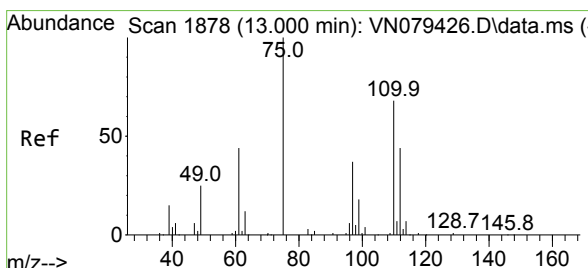
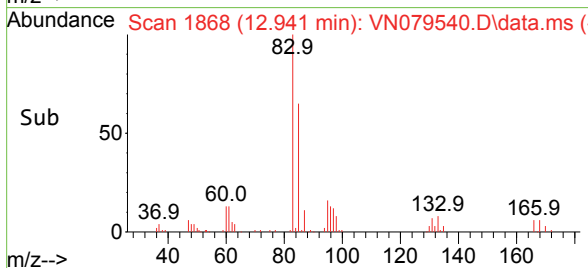
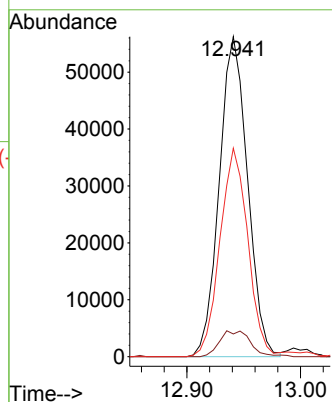
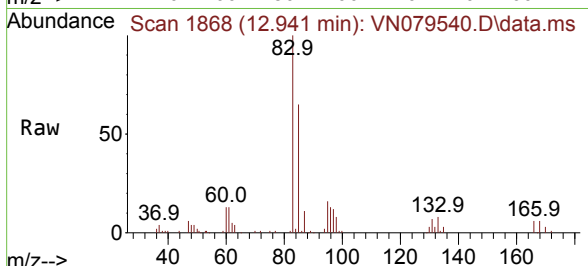




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.975 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VN079540.D
 Acq: 12 Oct 2023 13:02

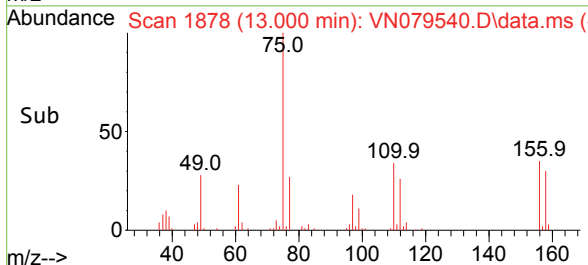
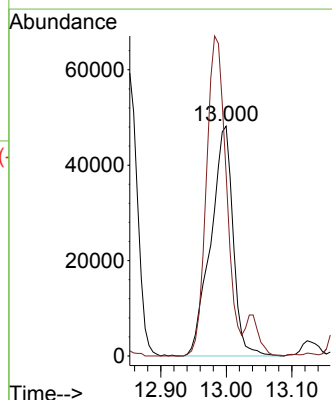
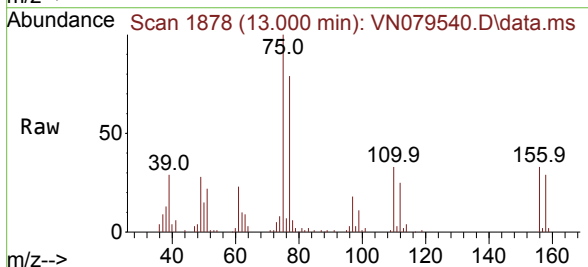
Instrument : MSVOA_N
 ClientSampleId :

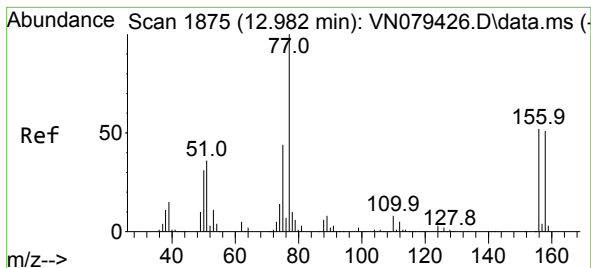
Tgt Ion: 83	Resp: 97295
Ion Ratio	Lower Upper
83	100
131	8.9 5.0 15.0
85	64.3 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 25.243 ug/l
 RT: 13.000 min Scan# 1878
 Delta R.T. -0.000 min
 Lab File: VN079540.D
 Acq: 12 Oct 2023 13:02

Tgt Ion: 75	Resp: 113898
Ion Ratio	Lower Upper
75	100
77	124.1 84.5 253.5





#77

Bromobenzene

Concen: 17.738 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN079540.D

Acq: 12 Oct 2023 13:02

Instrument :

MSVOA_N

ClientSampleId :

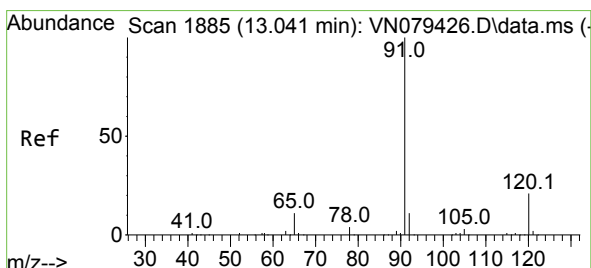
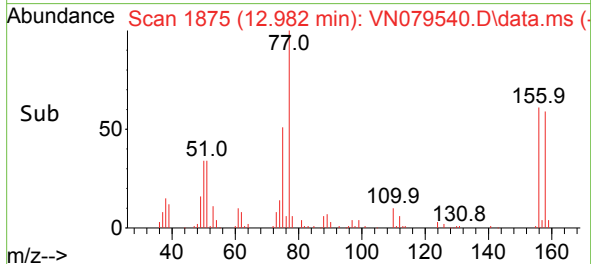
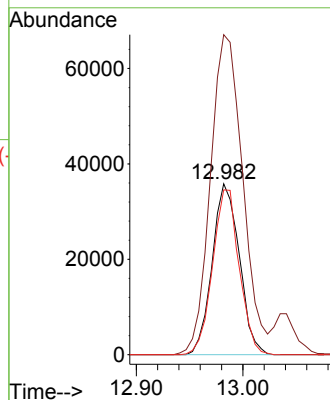
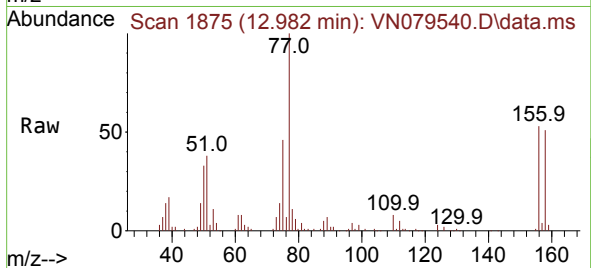
Tgt Ion:156 Resp: 63322

Ion Ratio Lower Upper

156 100

77 223.2 107.7 323.3

158 94.6 48.4 145.3



#78

n-propylbenzene

Concen: 18.508 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN079540.D

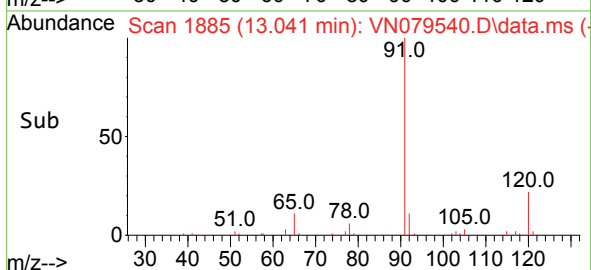
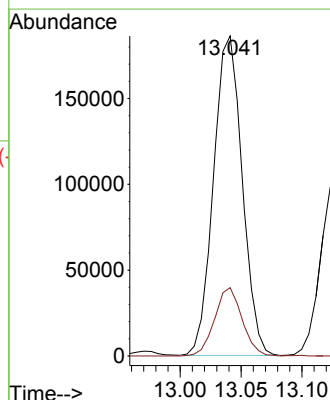
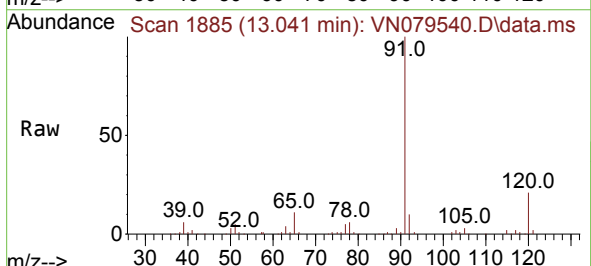
Acq: 12 Oct 2023 13:02

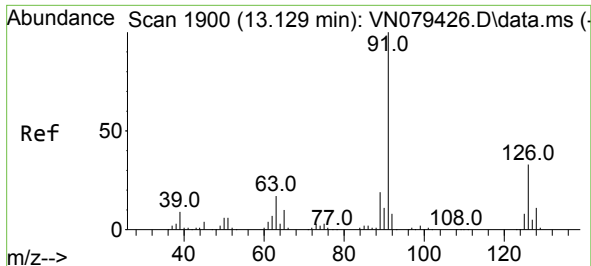
Tgt Ion: 91 Resp: 304868

Ion Ratio Lower Upper

91 100

120 20.4 11.5 34.4

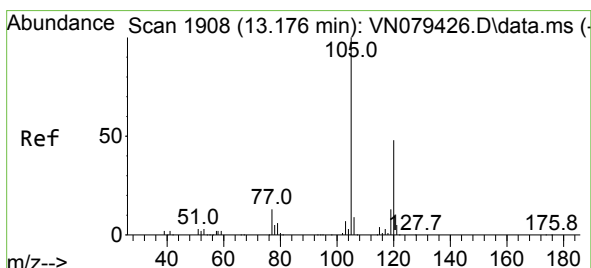
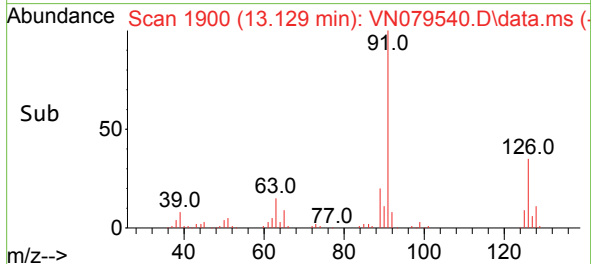
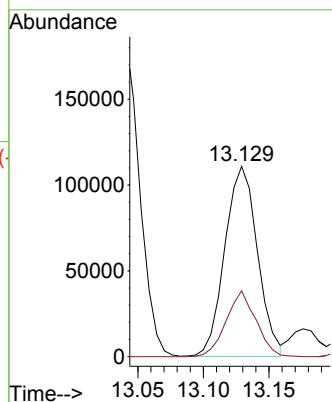
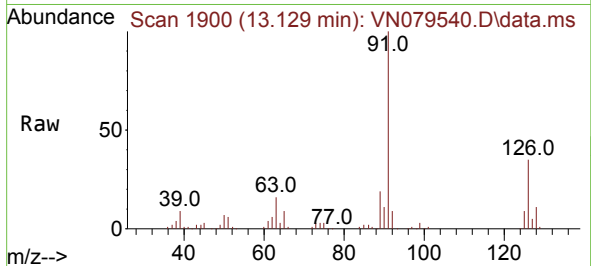




#79
2-Chlorotoluene
Concen: 18.209 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

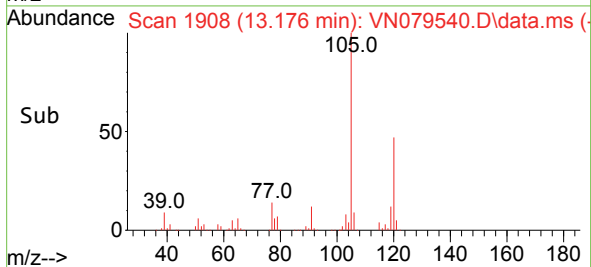
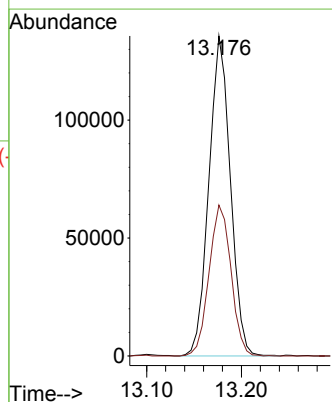
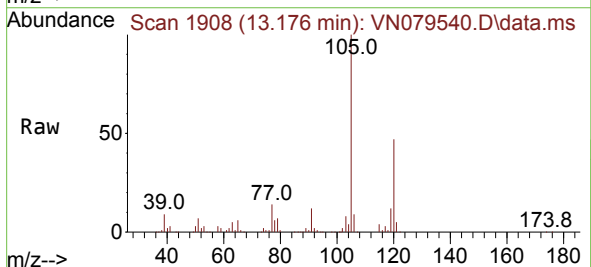
Instrument :
MSVOA_N
ClientSampleId :

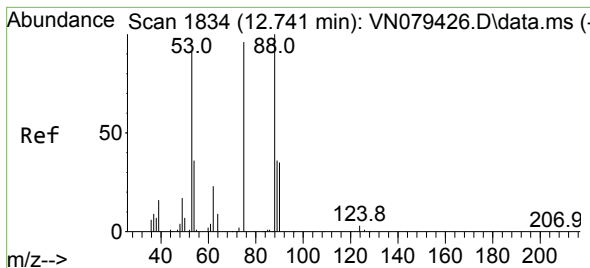
Tgt Ion: 91 Resp: 191934
Ion Ratio Lower Upper
91 100
126 31.6 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 18.606 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

Tgt Ion: 105 Resp: 213603
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3

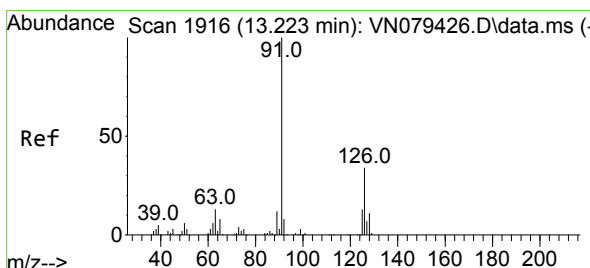
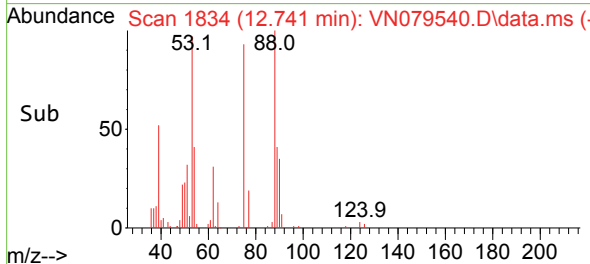
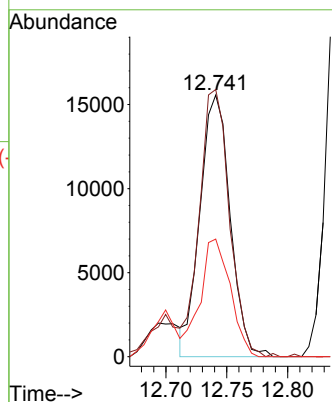
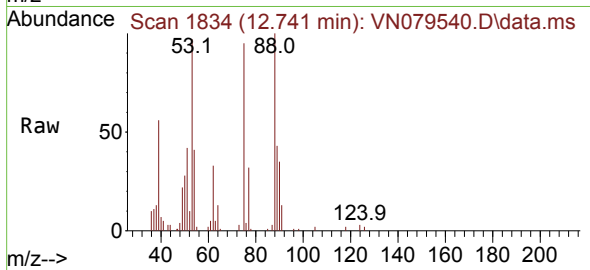




#81
trans-1,4-Dichloro-2-butene
Concen: 17.200 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

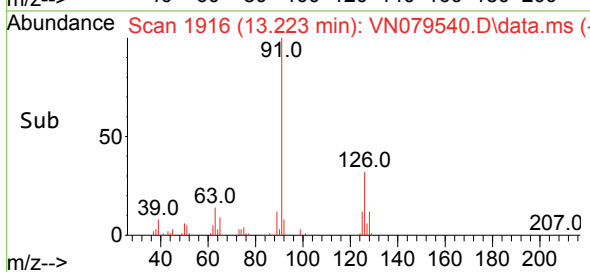
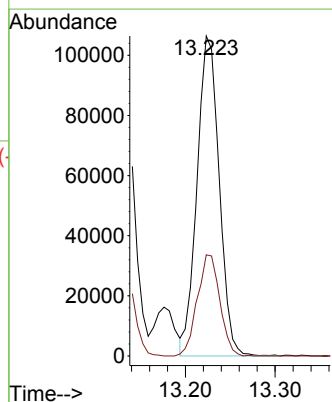
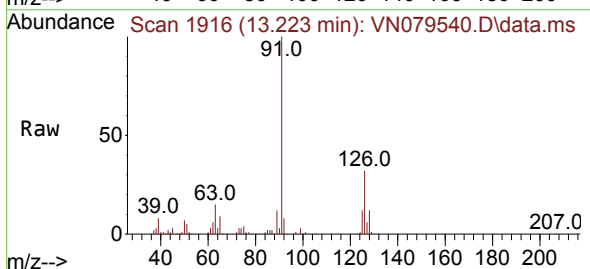
Instrument :
MSVOA_N
ClientSampleId :

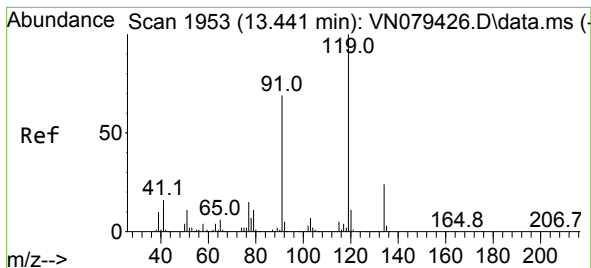
Tgt Ion: 75 Resp: 26747
Ion Ratio Lower Upper
75 100
53 101.8 67.4 101.2#
89 45.3 38.8 58.2



#82
4-Chlorotoluene
Concen: 18.200 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

Tgt Ion: 91 Resp: 182554
Ion Ratio Lower Upper
91 100
126 32.1 16.7 50.0





#83

tert-Butylbenzene

Concen: 18.209 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN079540.D

Acq: 12 Oct 2023 13:02

Instrument :

MSVOA_N

ClientSampleId :

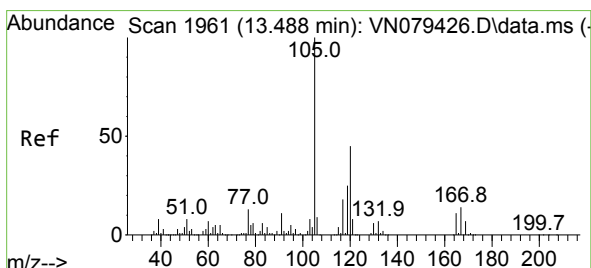
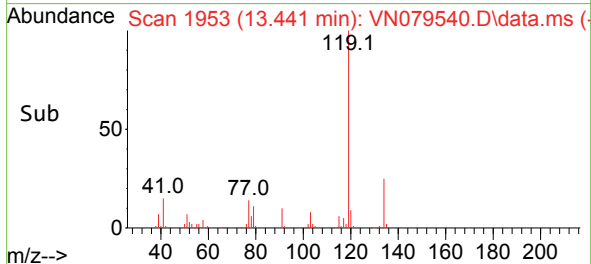
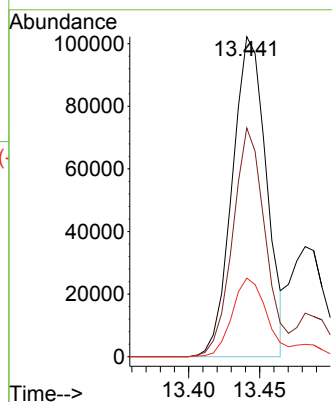
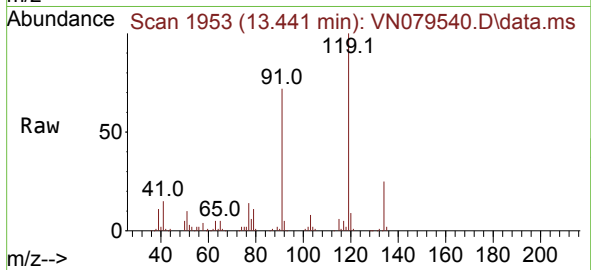
Tgt Ion:119 Resp: 171276

Ion Ratio Lower Upper

119 100

91 68.5 33.9 101.7

134 24.8 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 19.191 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. -0.000 min

Lab File: VN079540.D

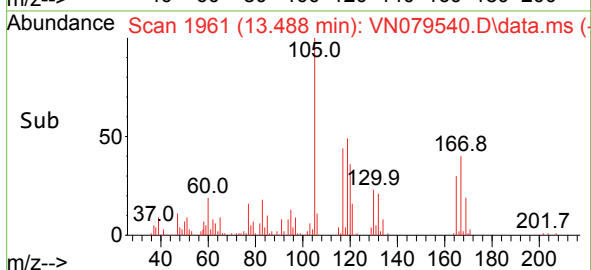
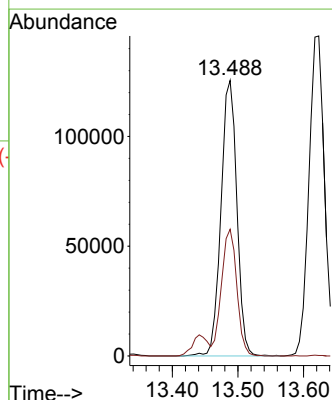
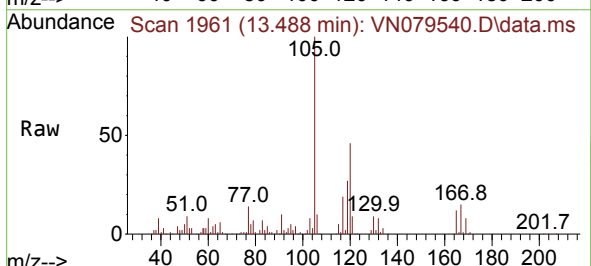
Acq: 12 Oct 2023 13:02

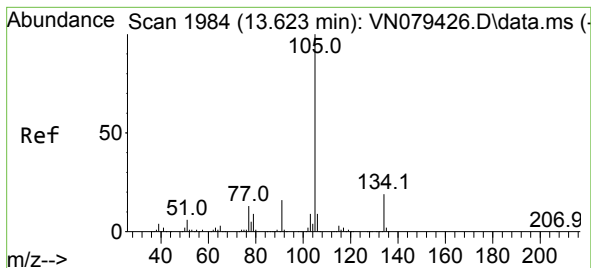
Tgt Ion:105 Resp: 210263

Ion Ratio Lower Upper

105 100

120 44.4 22.0 66.0





#85

sec-Butylbenzene

Concen: 18.293 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. -0.000 min

Lab File: VN079540.D

Acq: 12 Oct 2023 13:02

Instrument :

MSVOA_N

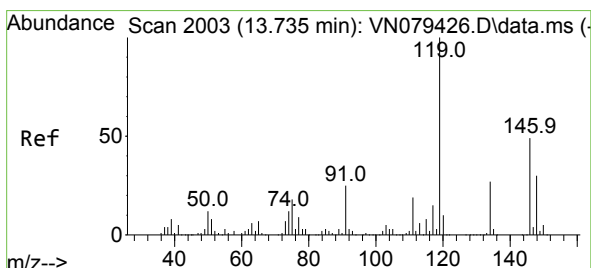
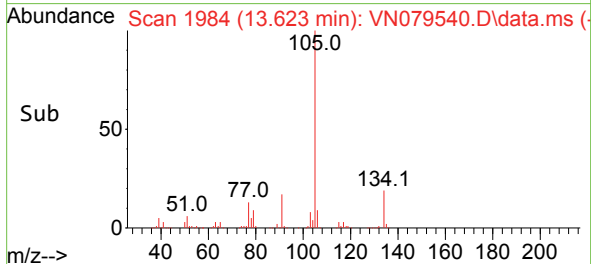
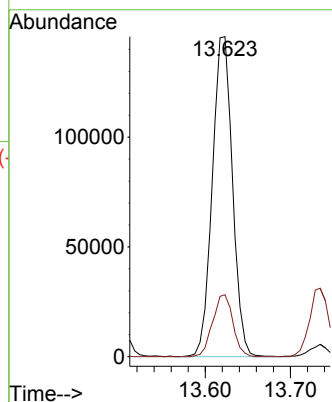
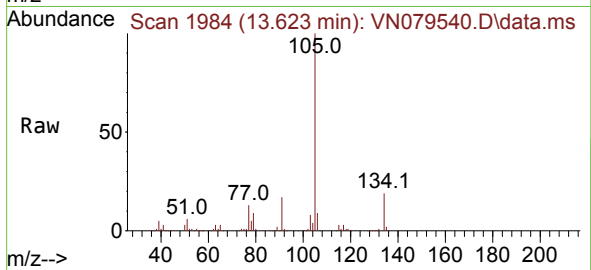
ClientSampleId :

Tgt Ion:105 Resp: 239999

Ion Ratio Lower Upper

105 100

134 19.4 9.8 29.3



#86

p-Isopropyltoluene

Concen: 18.512 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN079540.D

Acq: 12 Oct 2023 13:02

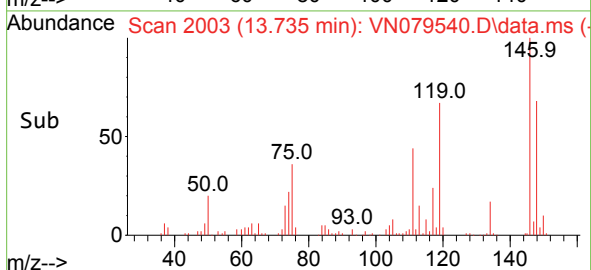
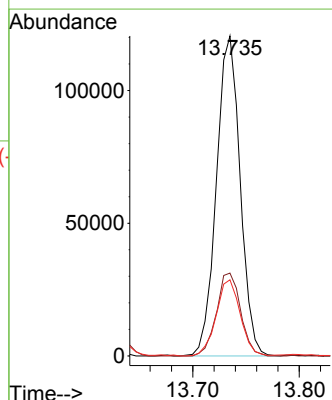
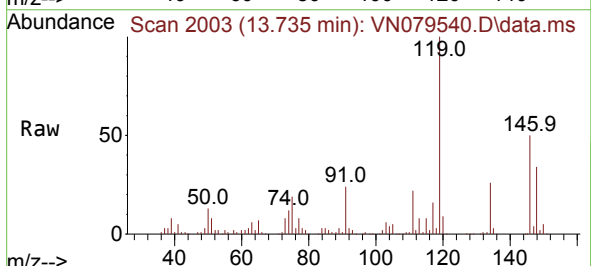
Tgt Ion:119 Resp: 186318

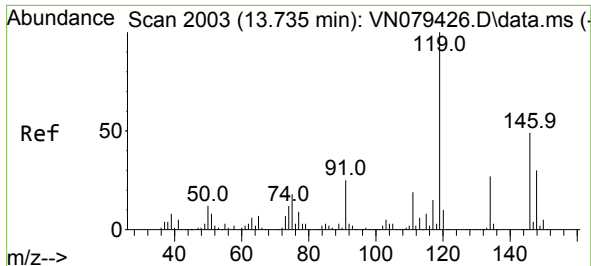
Ion Ratio Lower Upper

119 100

134 26.3 12.6 37.8

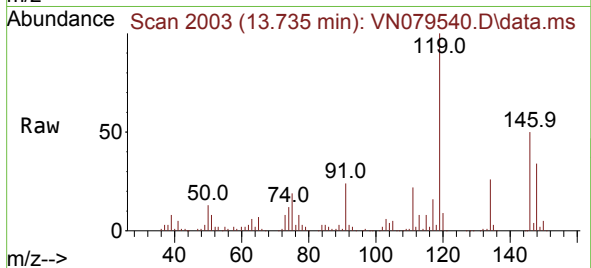
91 24.2 12.4 37.2



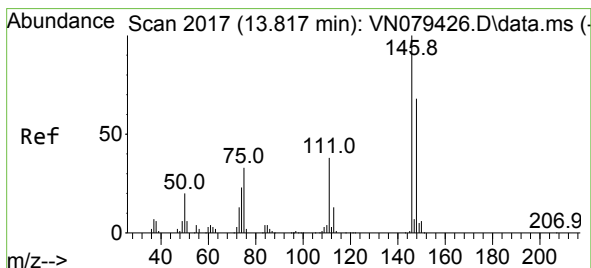
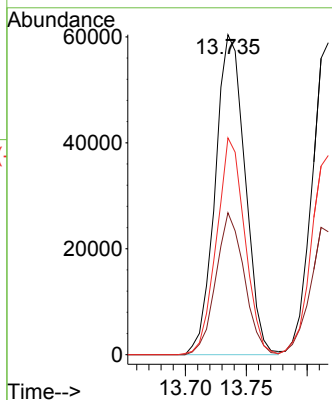
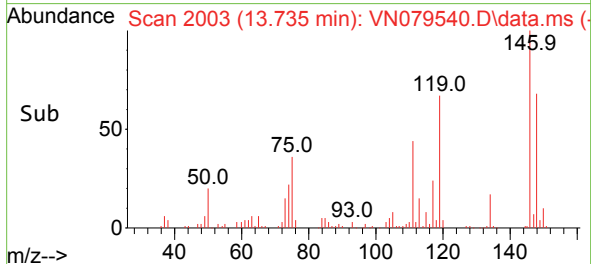


#87
1,3-Dichlorobenzene
Concen: 18.189 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

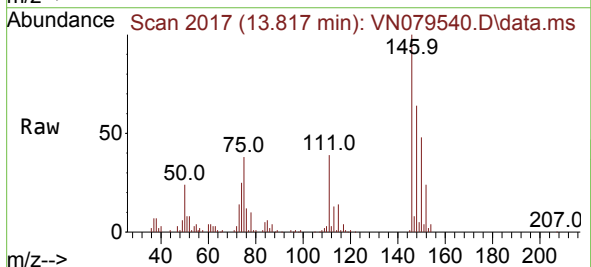
Instrument :
MSVOA_N
ClientSampleId :



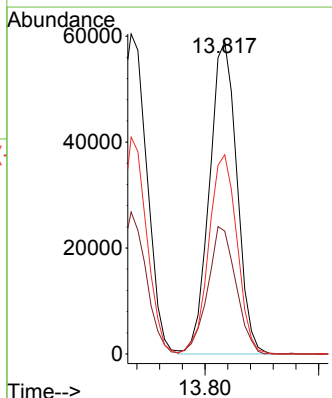
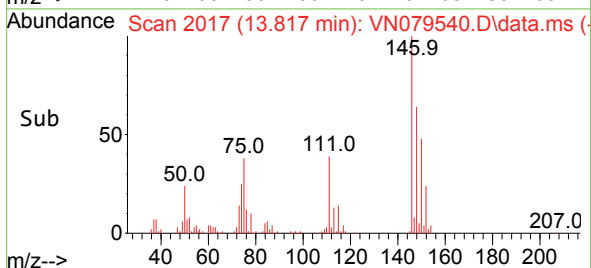
Tgt Ion:146 Resp: 102987
Ion Ratio Lower Upper
146 100
111 42.2 22.1 66.3
148 64.1 32.0 96.0

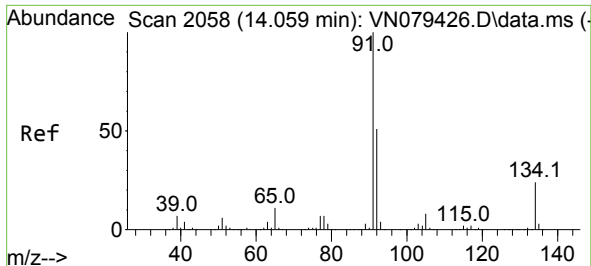


#88
1,4-Dichlorobenzene
Concen: 16.920 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02



Tgt Ion:146 Resp: 98922
Ion Ratio Lower Upper
146 100
111 42.0 20.6 61.8
148 65.5 31.6 94.8

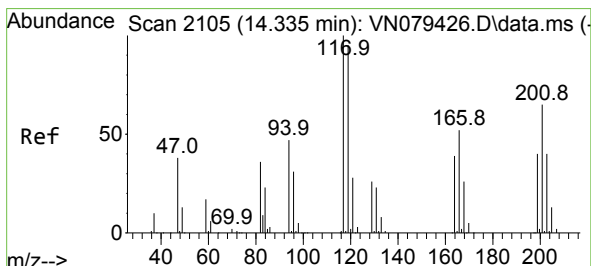
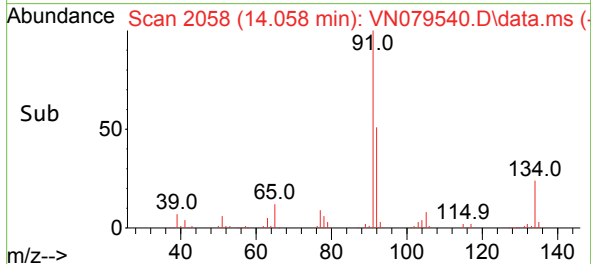
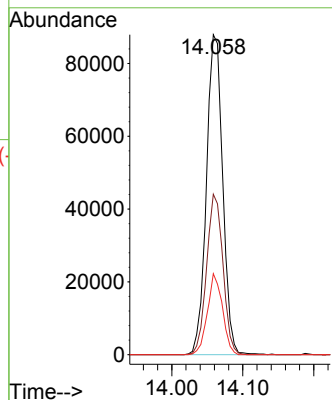
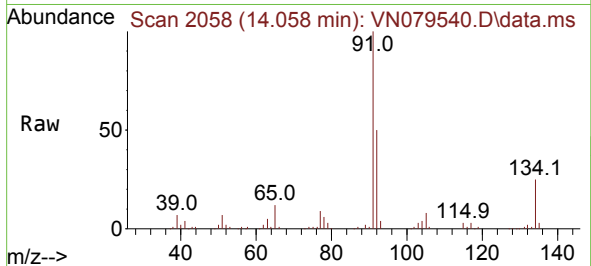




#89
n-Butylbenzene
Concen: 17.463 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

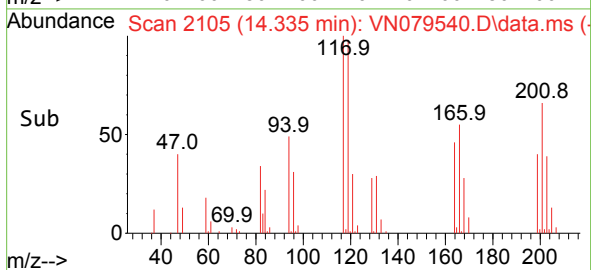
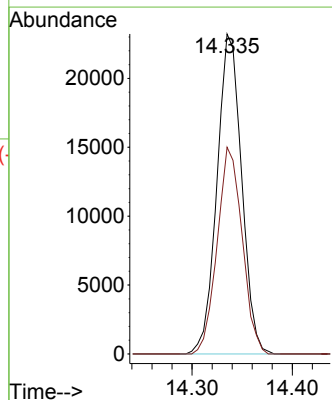
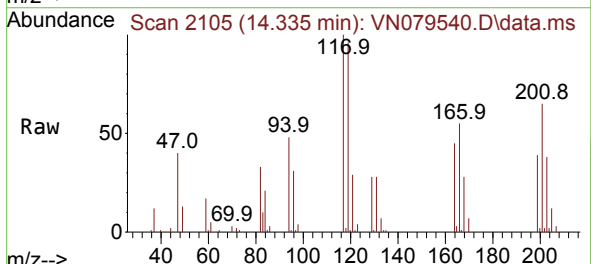
Instrument :
MSVOA_N
ClientSampleId :

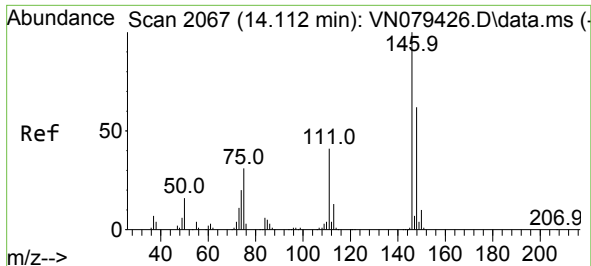
Tgt Ion: 91 Resp: 140359
Ion Ratio Lower Upper
91 100
92 50.2 26.4 79.0
134 23.4 12.6 37.6



#90
Hexachloroethane
Concen: 18.735 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

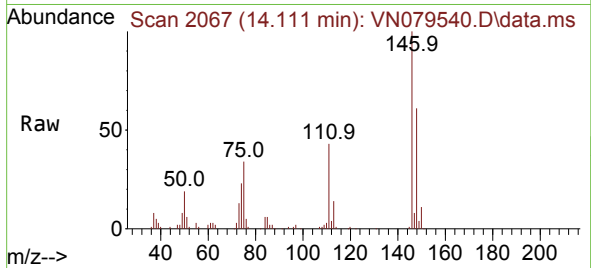
Tgt Ion: 117 Resp: 39618
Ion Ratio Lower Upper
117 100
201 65.4 29.3 88.0



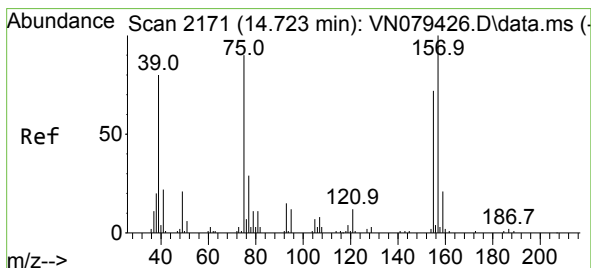
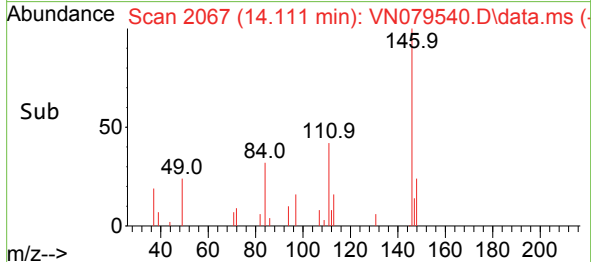
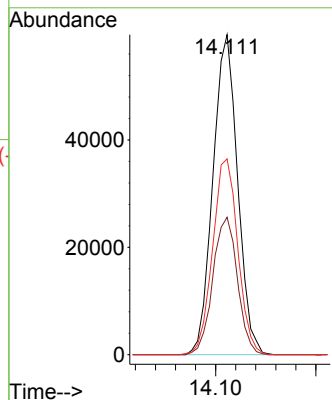


#91
1,2-Dichlorobenzene
Concen: 18.421 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

Instrument :
MSVOA_N
ClientSampleId :

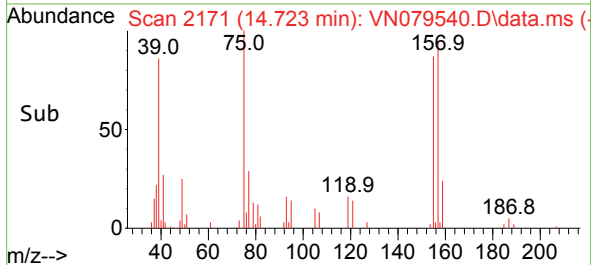
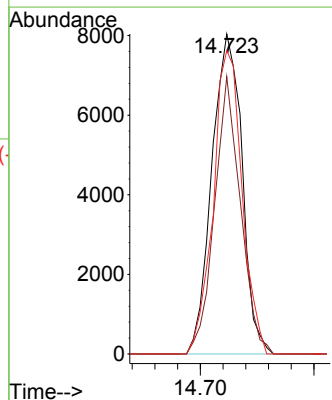
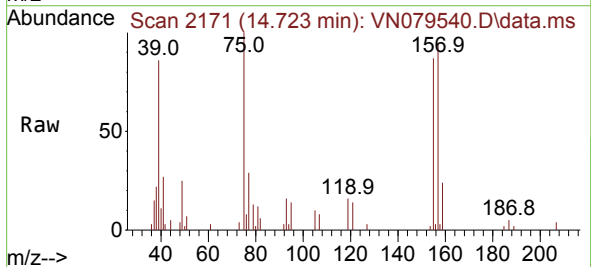


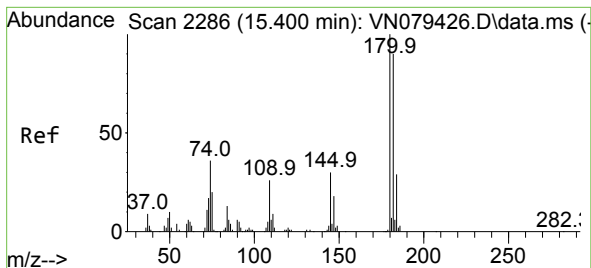
Tgt Ion:146 Resp: 101737
Ion Ratio Lower Upper
146 100
111 42.9 22.0 66.0
148 62.5 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.586 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN079540.D
Acq: 12 Oct 2023 13:02

Tgt Ion: 75 Resp: 14805
Ion Ratio Lower Upper
75 100
155 74.8 39.1 117.2
157 90.6 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 15.228 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

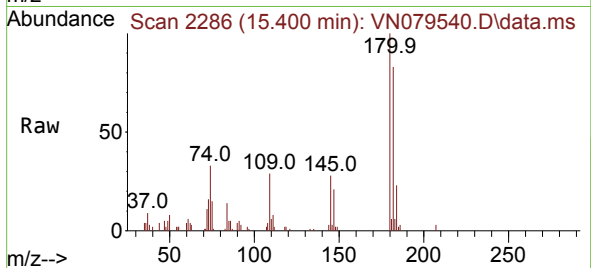
Lab File: VN079540.D

Acq: 12 Oct 2023 13:02

Instrument :

MSVOA_N

ClientSampleId :



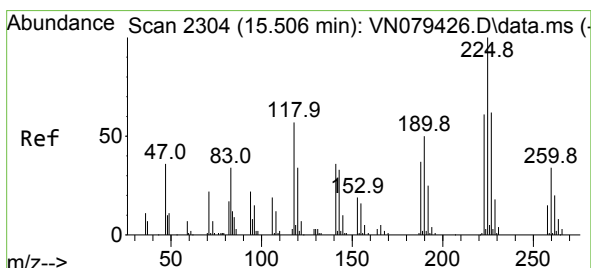
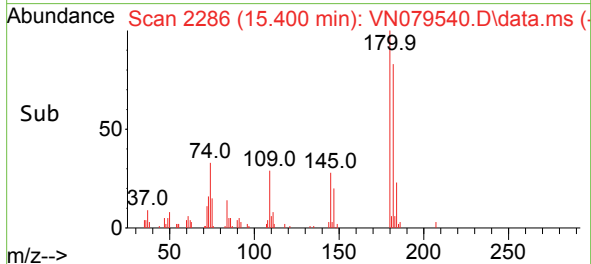
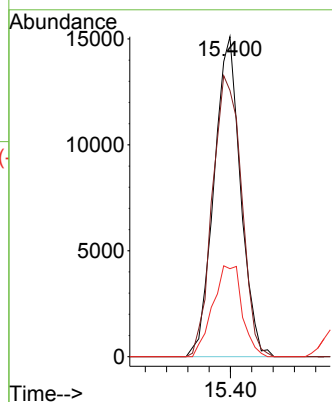
Tgt Ion:180 Resp: 26048

Ion Ratio Lower Upper

180 100

182 96.2 46.1 138.2

145 31.4 16.6 49.8



#94

Hexachlorobutadiene

Concen: 16.351 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN079540.D

Acq: 12 Oct 2023 13:02

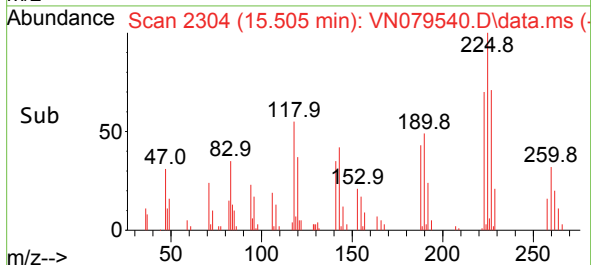
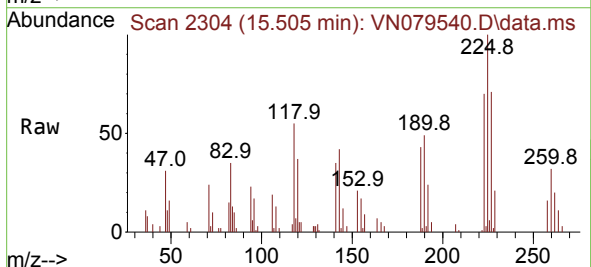
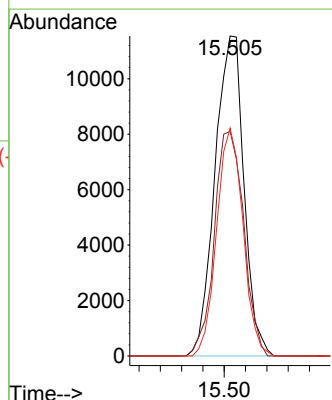
Tgt Ion:225 Resp: 21784

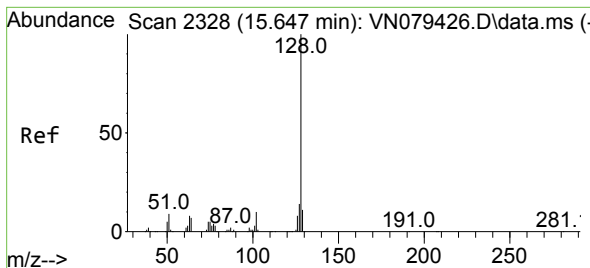
Ion Ratio Lower Upper

225 100

223 71.0 31.3 93.8

227 64.6 31.9 95.9





#95

Naphthalene

Concen: 12.586 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

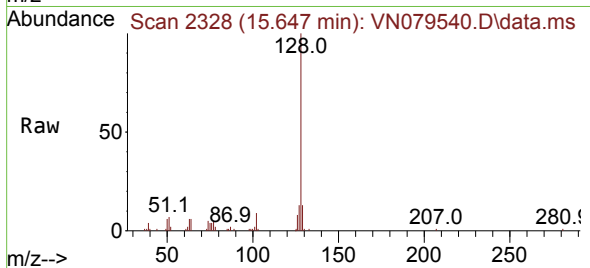
Lab File: VN079540.D

Acq: 12 Oct 2023 13:02

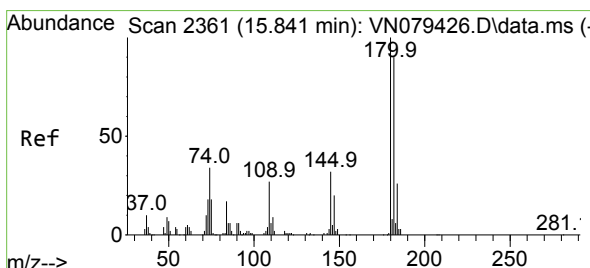
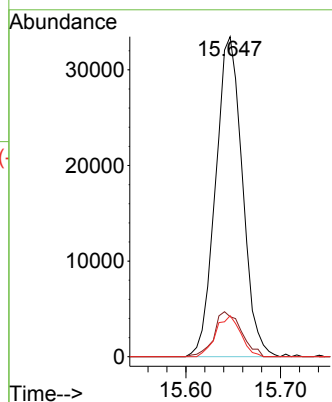
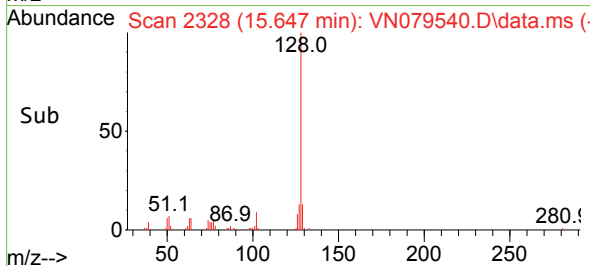
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	128	Resp:	65740
Ion Ratio	Lower	Upper	
128	100		
127	14.4	10.0	15.0
129	11.9	8.7	13.1



#96

1,2,3-Trichlorobenzene

Concen: 14.808 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN079540.D

Acq: 12 Oct 2023 13:02

Tgt Ion:	180	Resp:	30227
Ion Ratio	Lower	Upper	
180	100		
182	93.4	46.2	138.6
145	31.7	17.5	52.6

