

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079836.D
 Acq On : 03 Nov 2023 09:30
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 03 09:50:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	306830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	545610	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	491201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	234226	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	243152	52.015	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.020%	
35) Dibromofluoromethane	8.165	113	195518	50.631	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.260%	
50) Toluene-d8	10.571	98	716467	50.399	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.800%	
62) 4-Bromofluorobenzene	12.853	95	241584	51.240	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.480%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	193433	52.338	ug/l	97
3) Chloromethane	2.365	50	215847	46.792	ug/l	97
4) Vinyl Chloride	2.512	62	298612	61.724	ug/l	100
5) Bromomethane	2.947	94	157621	53.623	ug/l	97
6) Chloroethane	3.118	64	182281	47.685	ug/l	99
7) Trichlorofluoromethane	3.500	101	300506	49.942	ug/l	99
8) Diethyl Ether	3.959	74	115894	50.755	ug/l	70
9) 1,1,2-Trichlorotrifluo...	4.371	101	172093	49.336	ug/l	99
10) Methyl Iodide	4.589	142	200048	50.221	ug/l	100
11) Tert butyl alcohol	5.512	59	137855	231.014	ug/l	100
12) 1,1-Dichloroethene	4.341	96	162009	49.054	ug/l	84
13) Acrolein	4.177	56	114860	244.268	ug/l	98
14) Allyl chloride	5.024	41	255950	50.598	ug/l #	92
15) Acrylonitrile	5.718	53	471506	253.546	ug/l	98
16) Acetone	4.424	43	365462	222.569	ug/l	97
17) Carbon Disulfide	4.712	76	462408	48.539	ug/l	98
18) Methyl Acetate	5.018	43	398164	50.684	ug/l #	82
19) Methyl tert-butyl Ether	5.794	73	586745	51.601	ug/l	93
20) Methylene Chloride	5.283	84	204577	49.376	ug/l #	79
21) trans-1,2-Dichloroethene	5.788	96	187540	50.914	ug/l #	81
22) Diisopropyl ether	6.671	45	665311	56.754	ug/l #	90
23) Vinyl Acetate	6.606	43	1716241	265.418	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	380905	53.460	ug/l	98
25) 2-Butanone	7.482	43	621047	258.285	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	238100	40.406	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	228201	51.792	ug/l	89
28) Bromochloromethane	7.818	49	196168	56.495	ug/l #	74
29) Tetrahydrofuran	7.841	42	416600	266.300	ug/l #	75
30) Chloroform	7.965	83	388115	50.147	ug/l	96
31) Cyclohexane	8.259	56	313329	50.724	ug/l	84
32) 1,1,1-Trichloroethane	8.171	97	333796	52.932	ug/l	92
36) 1,1-Dichloropropene	8.371	75	293669	53.262	ug/l	93
37) Ethyl Acetate	7.559	43	252056	49.845	ug/l #	92
38) Carbon Tetrachloride	8.365	117	290708	52.315	ug/l	98
39) Methylcyclohexane	9.606	83	276727	53.330	ug/l #	86
40) Benzene	8.606	78	856927	51.890	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	148463	55.288	ug/l #	83
42) 1,2-Dichloroethane	8.671	62	315465	54.687	ug/l	97
43) Isopropyl Acetate	8.688	43	439862	49.601	ug/l #	91
44) Trichloroethene	9.353	130	206944	50.499	ug/l	99
45) 1,2-Dichloropropane	9.624	63	231965	54.963	ug/l	97
46) Dibromomethane	9.712	93	150786	52.325	ug/l	96
47) Bromodichloromethane	9.888	83	311763	50.728	ug/l	94
48) Methyl methacrylate	9.682	41	218240	56.185	ug/l #	79
49) 1,4-Dioxane	9.694	88	64499	939.737	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1347702	269.940	ug/l	89
52) Toluene	10.629	92	529531	54.087	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	311255	51.662	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	343433	52.297	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	208392	52.920	ug/l	95
56) Ethyl methacrylate	10.876	69	304977	54.296	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	372324	53.640	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	740488	260.104	ug/l	89
59) 2-Hexanone	11.194	43	958647	250.998	ug/l	87
60) Dibromochloromethane	11.359	129	218566	51.853	ug/l	99
61) 1,2-Dibromoethane	11.470	107	200558	50.743	ug/l	99
64) Tetrachloroethene	11.106	164	185741	58.386	ug/l	97
65) Chlorobenzene	11.894	112	545098	51.158	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	208160	54.223	ug/l	98
67) Ethyl Benzene	11.965	91	1013841	54.614	ug/l	96
68) m/p-Xylenes	12.070	106	760515	109.975	ug/l	95
69) o-Xylene	12.400	106	365041	54.818	ug/l	93
70) Styrene	12.412	104	618273	57.773	ug/l	99
71) Bromoform	12.582	173	148288	54.398	ug/l #	99
73) Isopropylbenzene	12.694	105	924271	51.995	ug/l	99
74) N-amyl acetate	12.494	43	374740	48.296	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	295465	46.879	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	365157	66.405	ug/l	74
77) Bromobenzene	12.982	156	217975	50.085	ug/l	96
78) n-propylbenzene	13.035	91	1099380	54.006	ug/l	97
79) 2-Chlorotoluene	13.129	91	663294	51.005	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	763447	55.200	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	81471	40.310	ug/l #	74
82) 4-Chlorotoluene	13.223	91	665550	51.503	ug/l	99
83) tert-Butylbenzene	13.441	119	622295	54.968	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	758602	55.750	ug/l	100
85) sec-Butylbenzene	13.617	105	868104	55.347	ug/l	99
86) p-Isopropyltoluene	13.729	119	722597	56.506	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	405812	50.124	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	392330	47.741	ug/l	98
89) n-Butylbenzene	14.059	91	606031	55.023	ug/l	98
90) Hexachloroethane	14.335	117	135670	53.570	ug/l	91
91) 1,2-Dichlorobenzene	14.106	146	383558	50.185	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	52396	49.022	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	188532	51.879	ug/l	96
94) Hexachlorobutadiene	15.500	225	85299	51.777	ug/l	99
95) Naphthalene	15.641	128	570020	46.253	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	182792	51.314	ug/l	99

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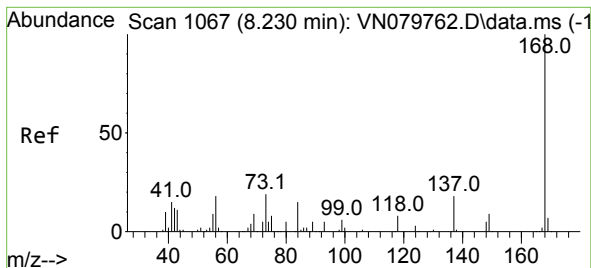
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 10

Delta R.T. 0.000 min

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Instrument :

MSVOA_N

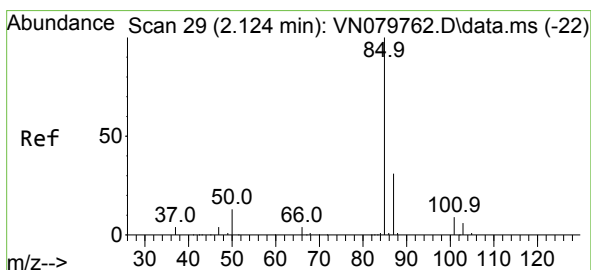
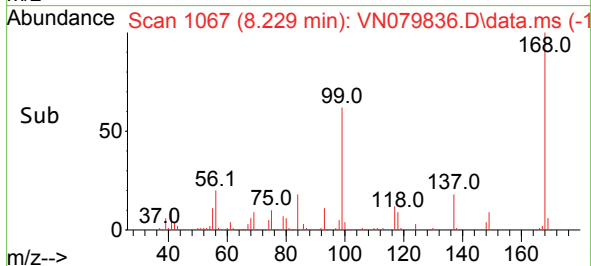
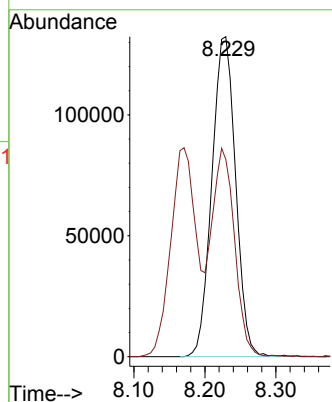
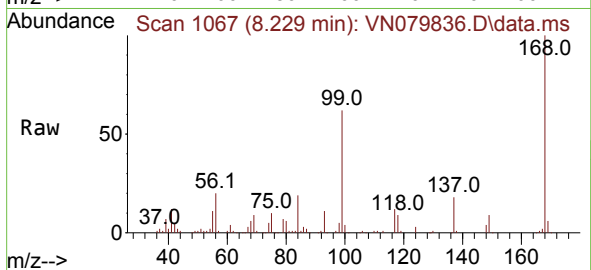
ClientSampleId :

Tgt Ion:168 Resp: 306830

Ion Ratio Lower Upper

168 100

99 61.4 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 52.338 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN079836.D

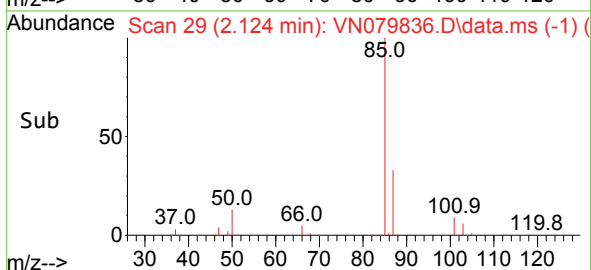
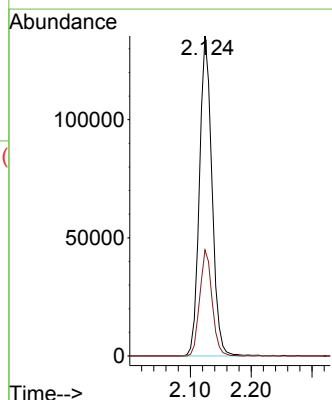
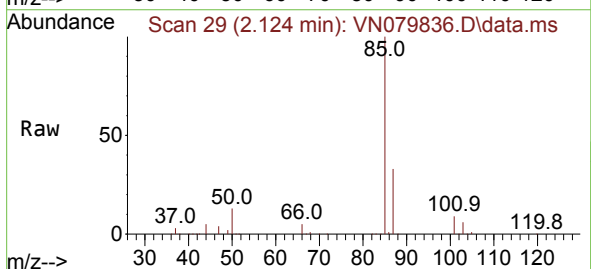
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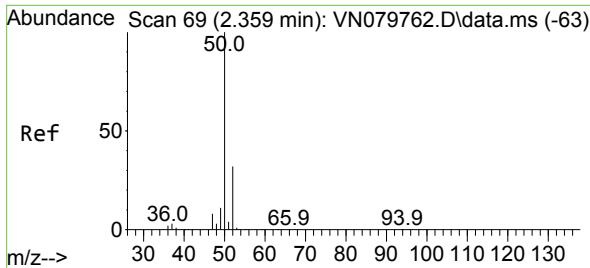
Tgt Ion: 85 Resp: 193433

Ion Ratio Lower Upper

85 100

87 33.2 15.8 47.4

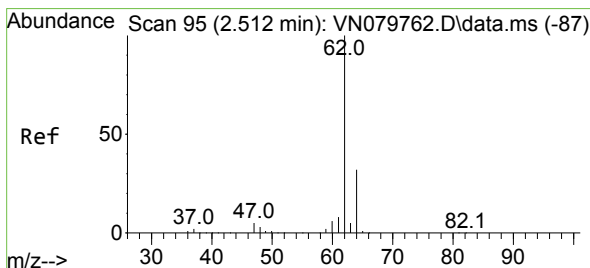
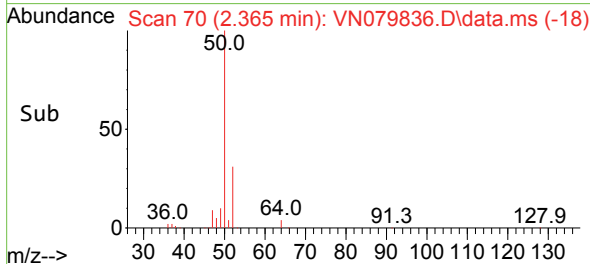
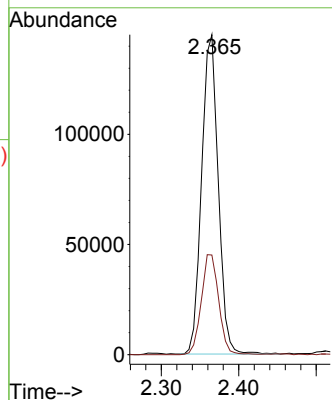
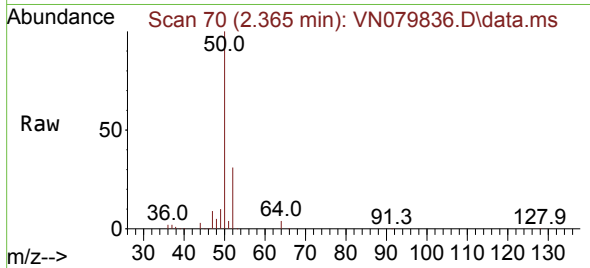




#3
Chloromethane
Concen: 46.792 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
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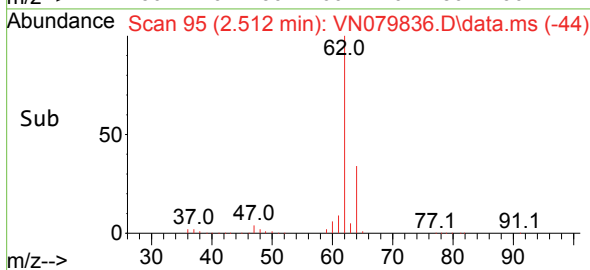
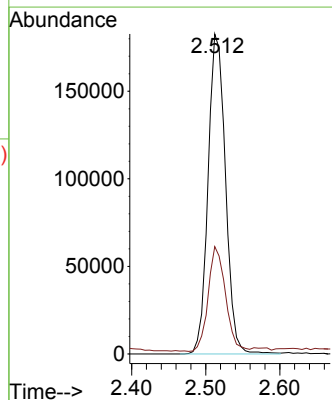
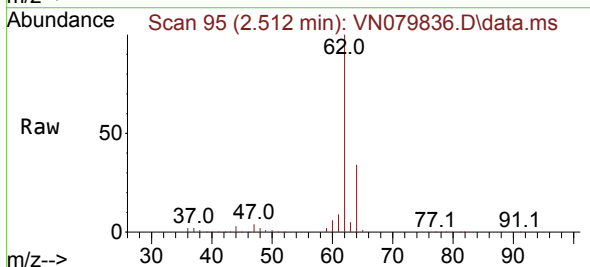
Instrument :
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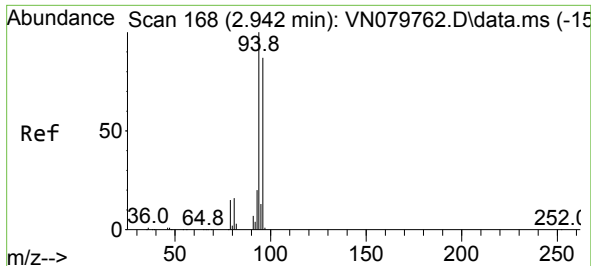
Tgt Ion: 50 Resp: 215847
Ion Ratio Lower Upper
50 100
52 31.2 26.5 39.7



#4
Vinyl Chloride
Concen: 61.724 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

Tgt Ion: 62 Resp: 298612
Ion Ratio Lower Upper
62 100
64 32.6 26.2 39.2

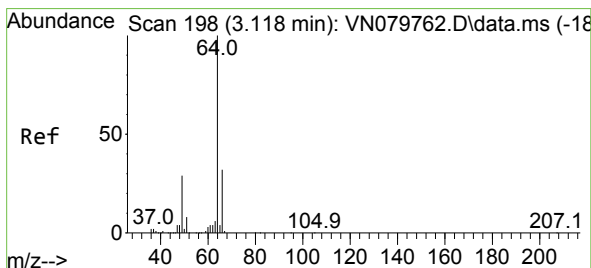
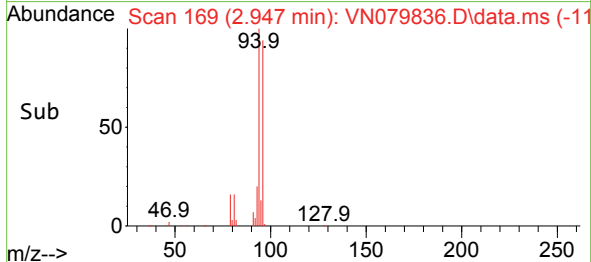
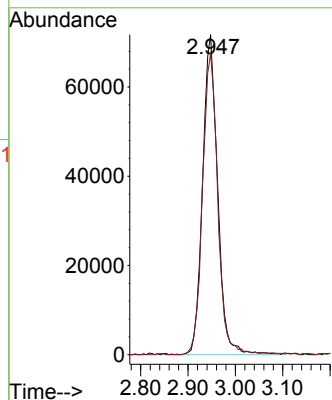
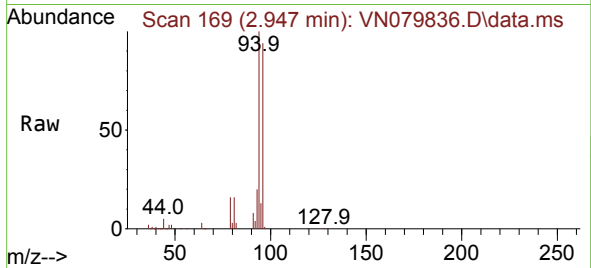




#5
Bromomethane
Concen: 53.623 ug/l
RT: 2.947 min Scan# 11
Delta R.T. -0.006 min
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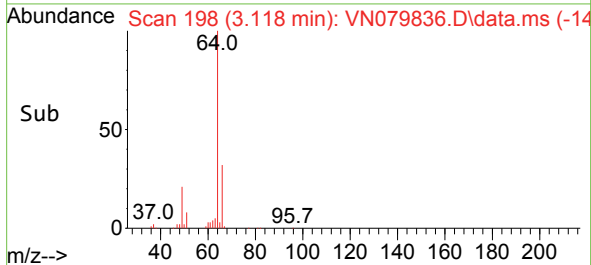
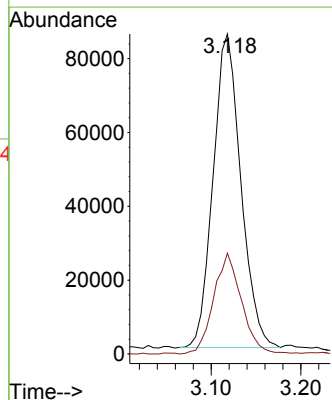
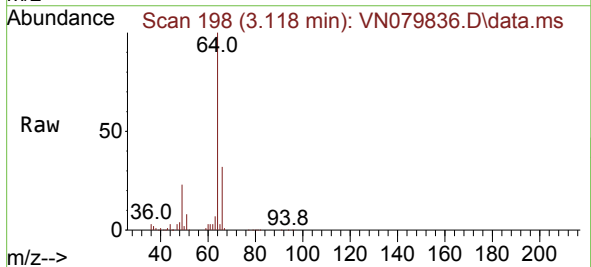
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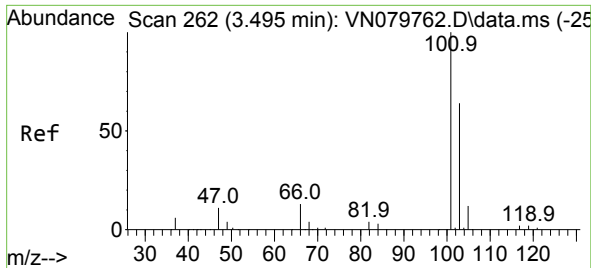
Tgt Ion: 94 Resp: 157621
Ion Ratio Lower Upper
94 100
96 94.0 73.1 109.7



#6
Chloroethane
Concen: 47.685 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

Tgt Ion: 64 Resp: 182281
Ion Ratio Lower Upper
64 100
66 32.2 25.4 38.2

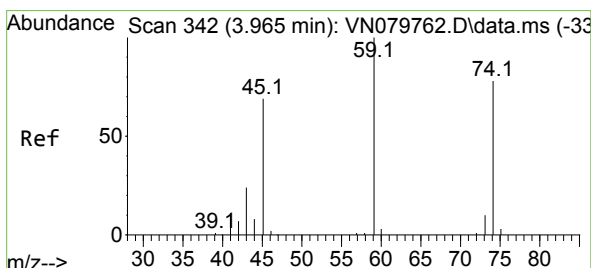
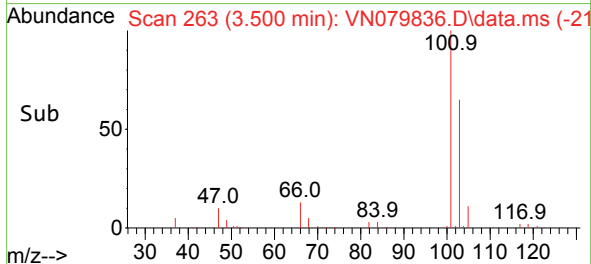
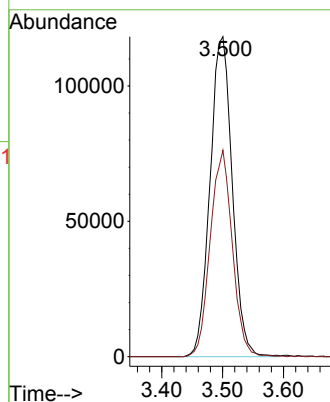
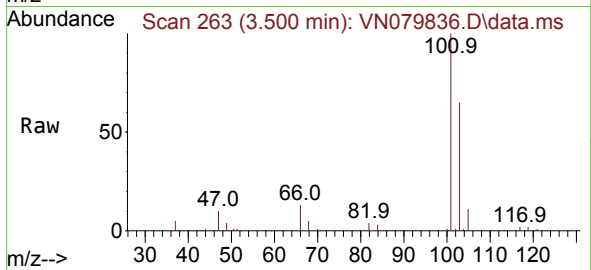




#7
 Trichlorofluoromethane
 Concen: 49.942 ug/l
 RT: 3.500 min Scan# 210
 Delta R.T. 0.006 min
 Lab File: VN079836.D
 Acq: 03 Nov 2023 09:30

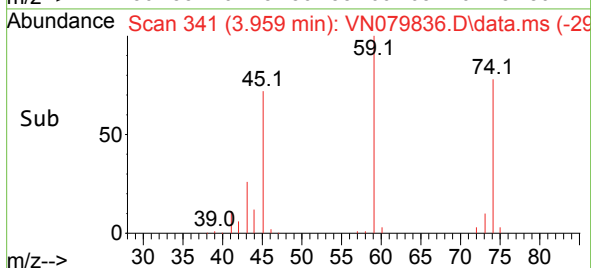
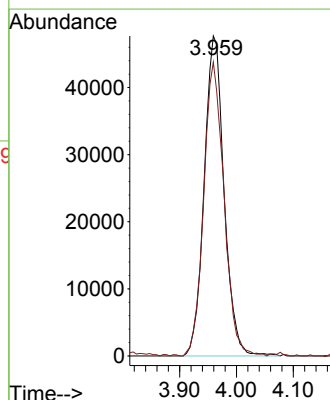
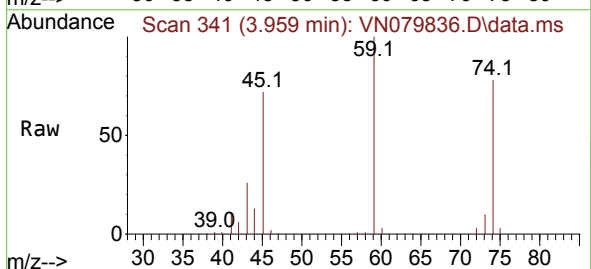
Instrument :
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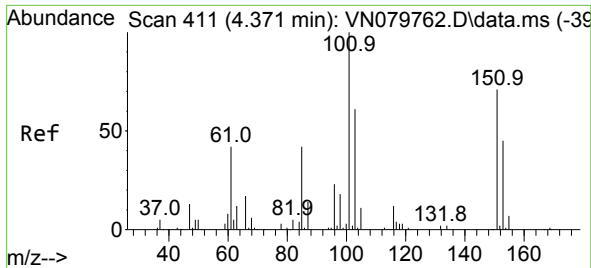
Tgt Ion:101 Resp: 300506
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.7 76.1



#8
 Diethyl Ether
 Concen: 50.755 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN079836.D
 Acq: 03 Nov 2023 09:30

Tgt Ion: 74 Resp: 115894
 Ion Ratio Lower Upper
 74 100
 45 93.6 34.4 103.3

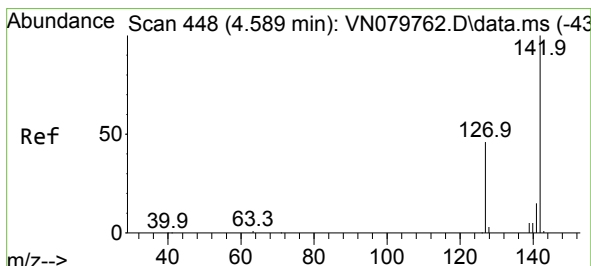
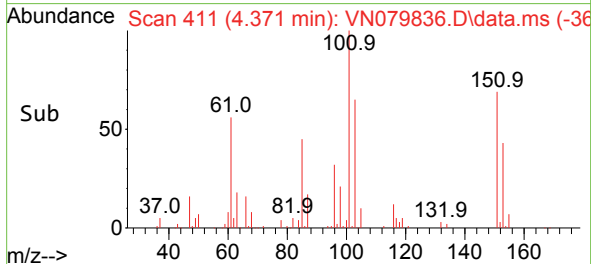
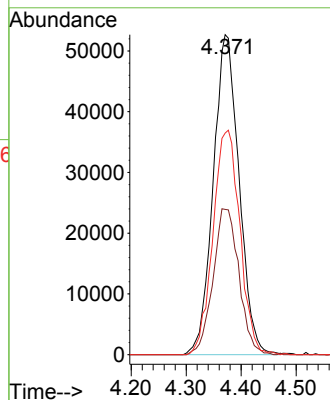
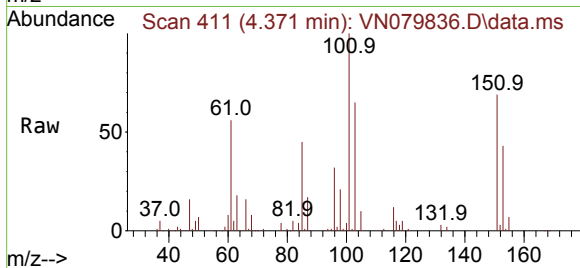




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.336 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

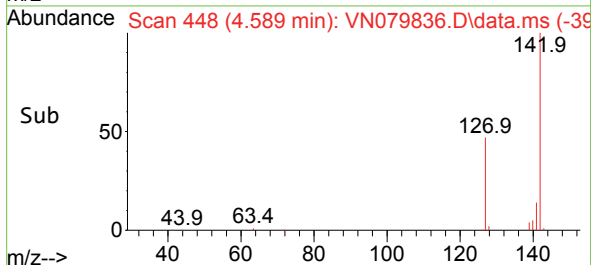
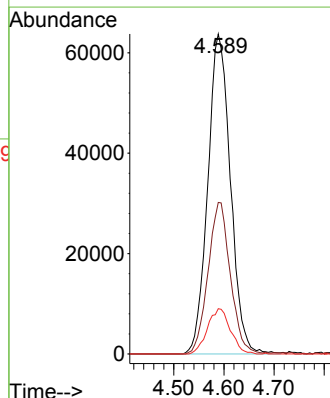
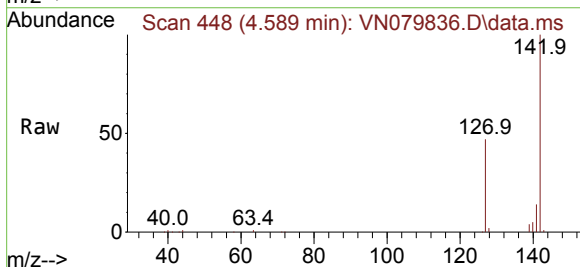
Instrument :
MSVOA_N
ClientSampleId :

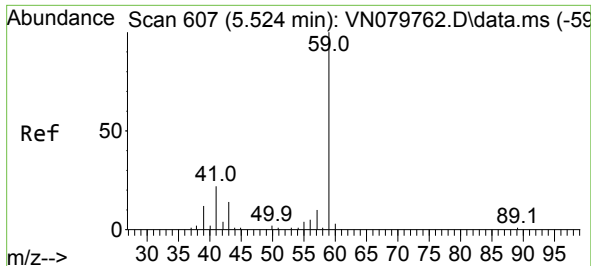
Tgt Ion:101 Resp: 172093
Ion Ratio Lower Upper
101 100
85 45.7 36.6 55.0
151 73.0 57.6 86.4



#10
Methyl Iodide
Concen: 50.221 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

Tgt Ion:142 Resp: 200048
Ion Ratio Lower Upper
142 100
127 47.4 37.6 56.4
141 14.2 11.4 17.0

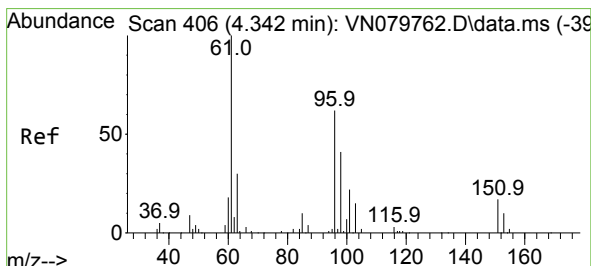
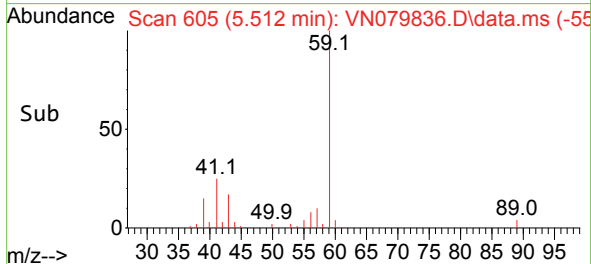
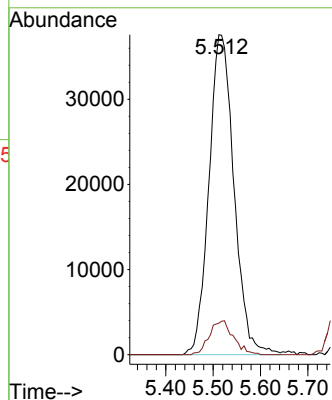
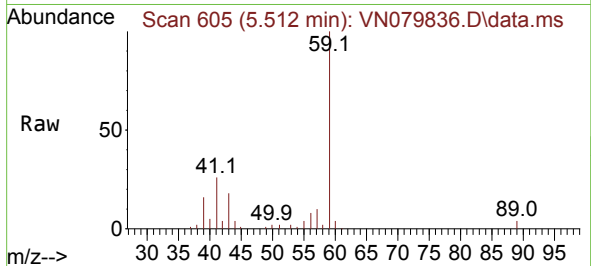




#11
Tert butyl alcohol
Concen: 231.014 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

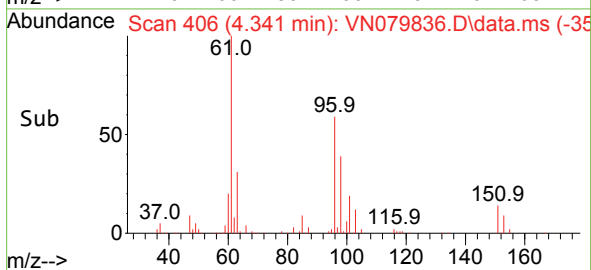
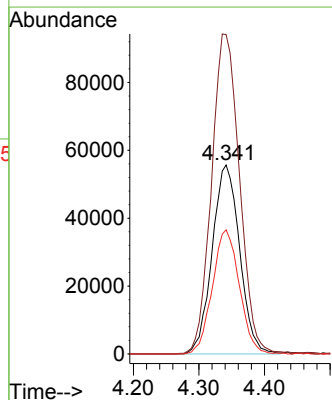
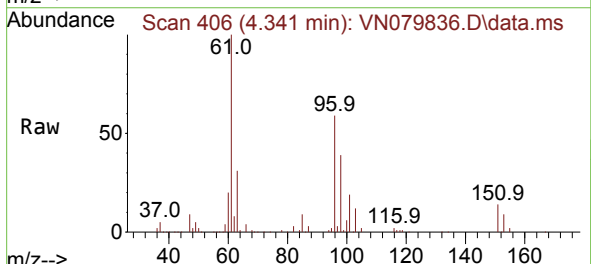
Instrument :
MSVOA_N
ClientSampleId :

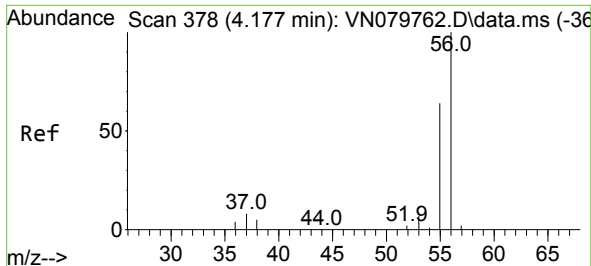
Tgt Ion: 59 Resp: 137855
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4



#12
1,1-Dichloroethene
Concen: 49.054 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

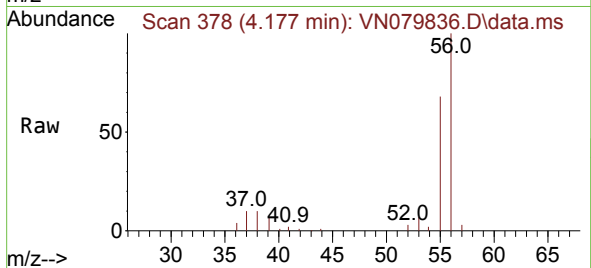
Tgt Ion: 96 Resp: 162009
Ion Ratio Lower Upper
96 100
61 168.6 112.7 169.1
98 65.7 51.2 76.8



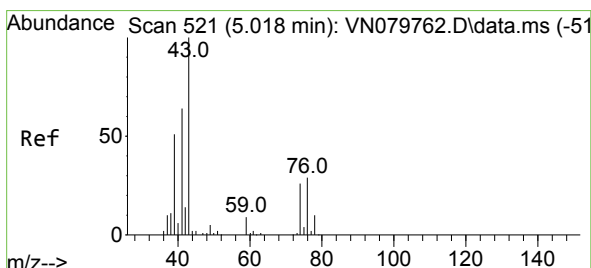
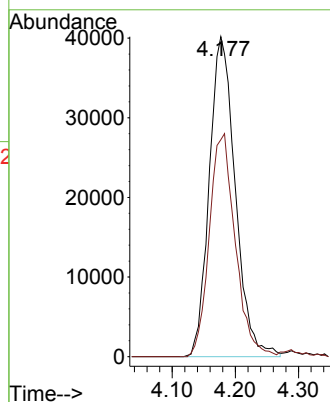
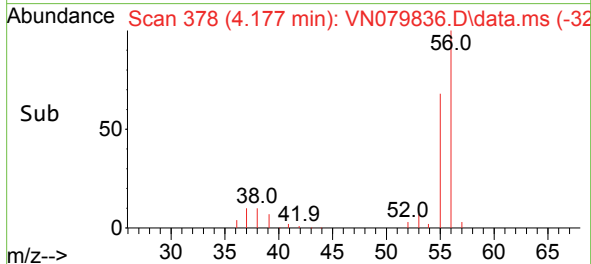


#13
Acrolein
Concen: 244.268 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

Instrument :
MSVOA_N
ClientSampleId :

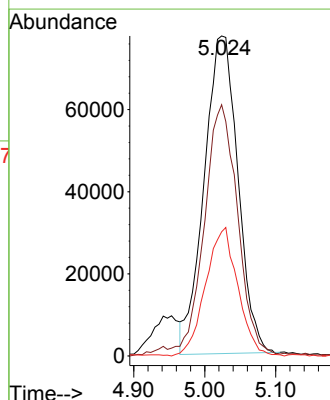
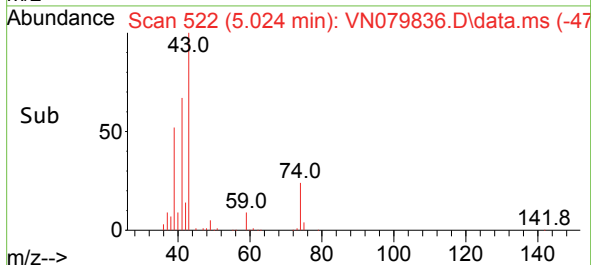
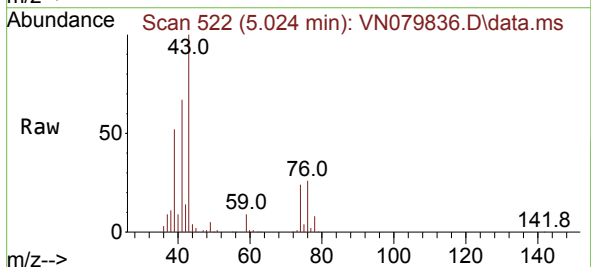


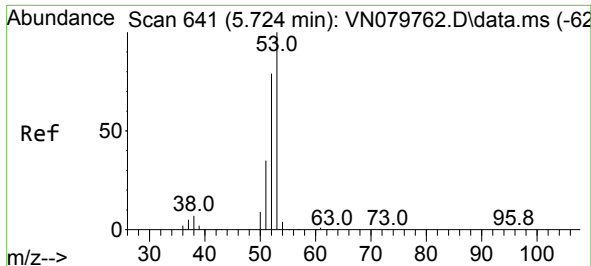
Tgt Ion: 56 Resp: 114860
Ion Ratio Lower Upper
56 100
55 69.5 54.5 81.7



#14
Allyl chloride
Concen: 50.598 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

Tgt Ion: 41 Resp: 255950
Ion Ratio Lower Upper
41 100
39 76.8 58.8 88.2
76 38.6 39.1 58.7#

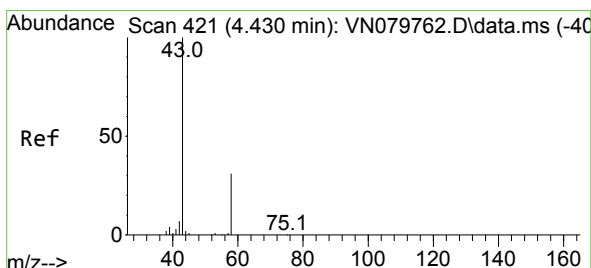
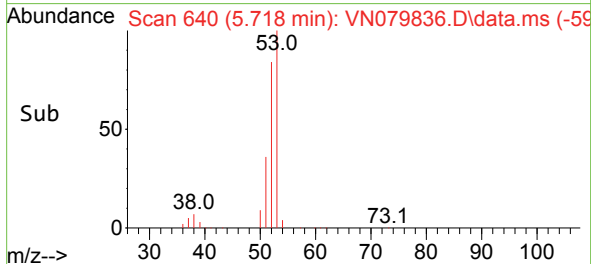
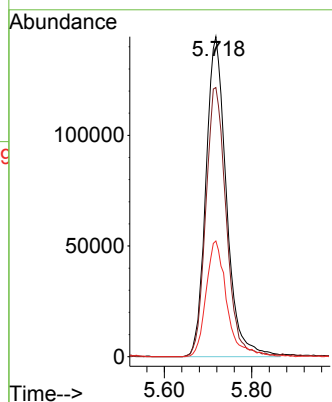
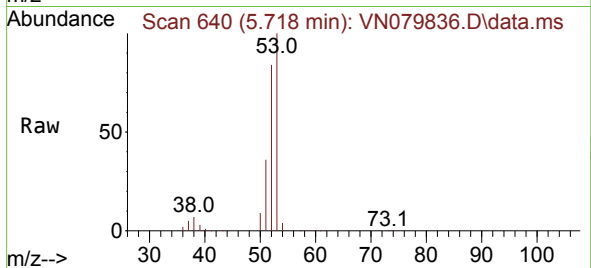




#15
Acrylonitrile
Concen: 253.546 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

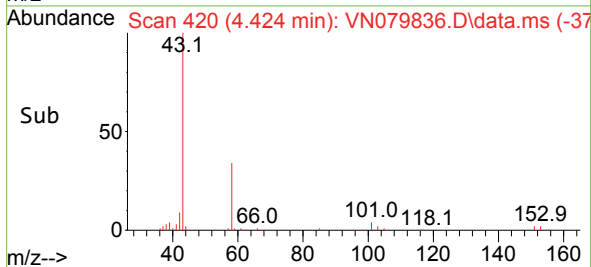
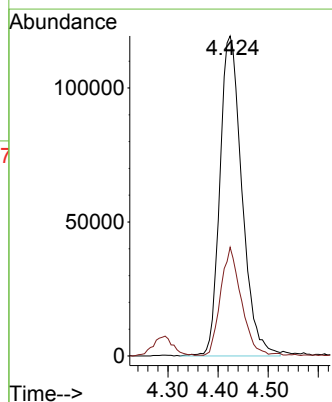
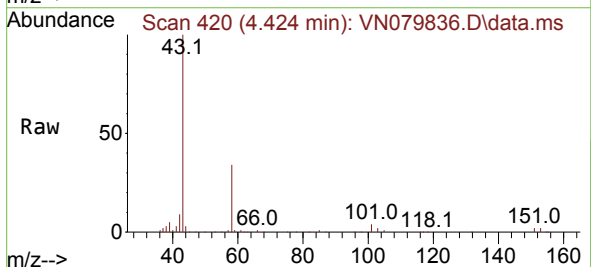
Instrument :
MSVOA_N
ClientSampleId :

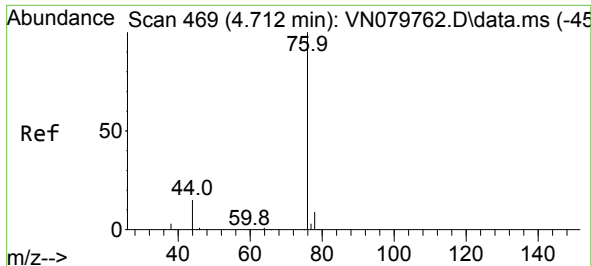
Tgt Ion: 53 Resp: 471506
Ion Ratio Lower Upper
53 100
52 83.6 65.3 97.9
51 36.8 28.9 43.3



#16
Acetone
Concen: 222.569 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

Tgt Ion: 43 Resp: 365462
Ion Ratio Lower Upper
43 100
58 33.2 28.0 42.0

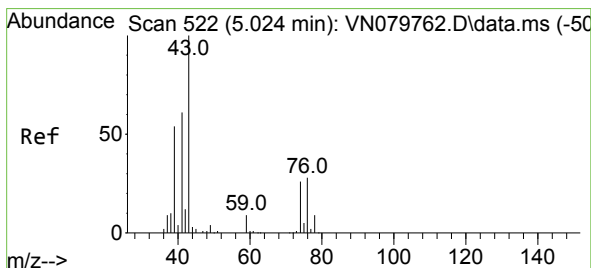
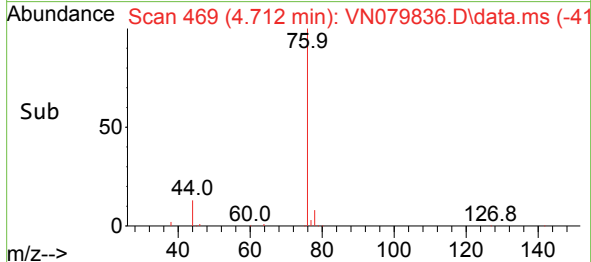
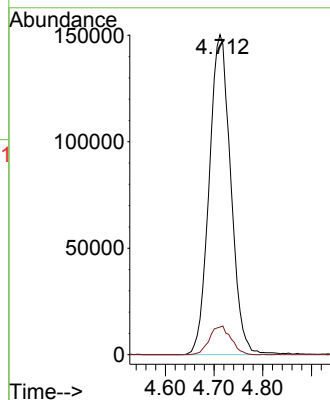
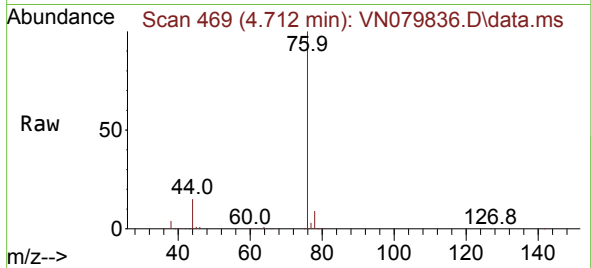




#17
Carbon Disulfide
Concen: 48.539 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

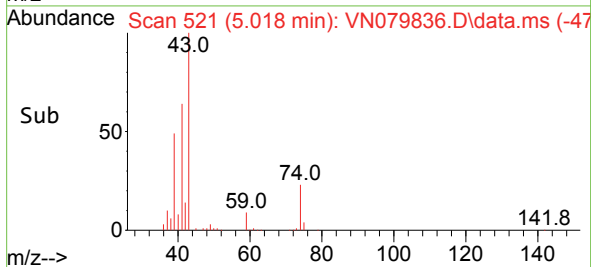
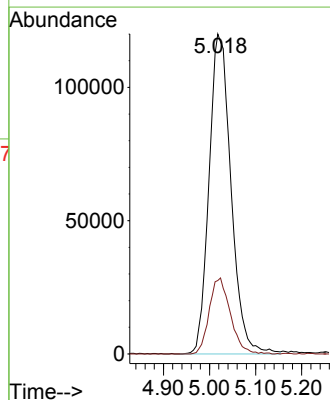
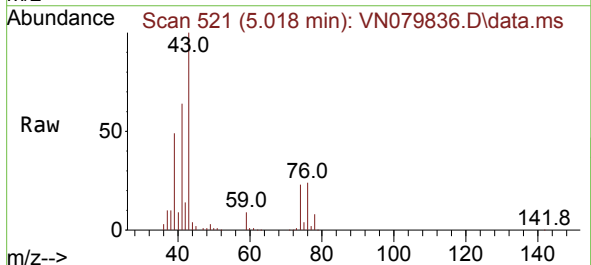
Instrument :
MSVOA_N
ClientSampleId :

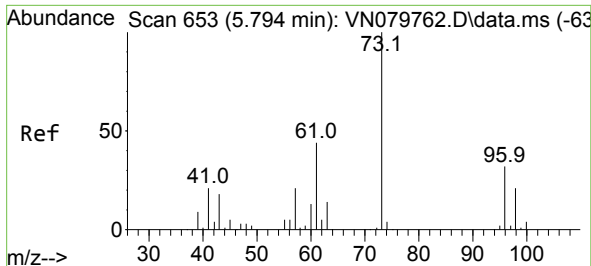
Tgt Ion: 76 Resp: 462408
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#18
Methyl Acetate
Concen: 50.684 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

Tgt Ion: 43 Resp: 398164
Ion Ratio Lower Upper
43 100
74 22.9 26.2 39.4#

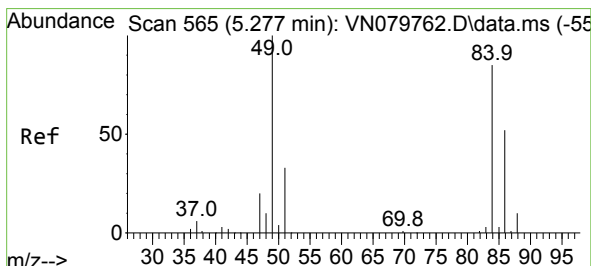
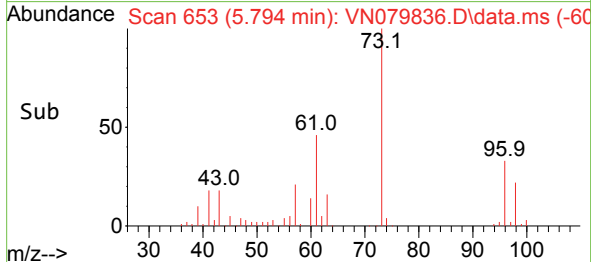
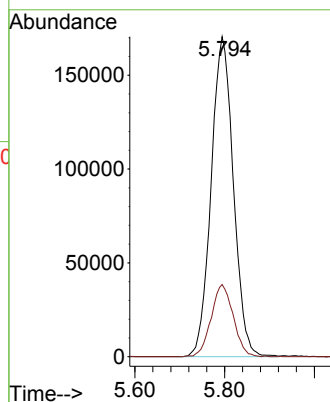
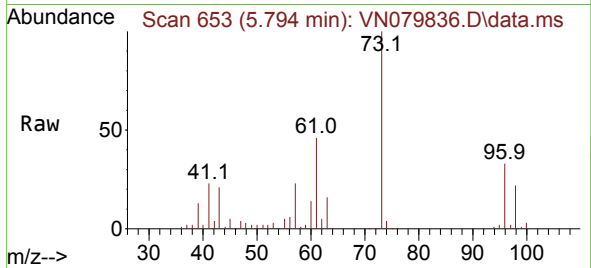




#19
Methyl tert-butyl Ether
Concen: 51.601 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

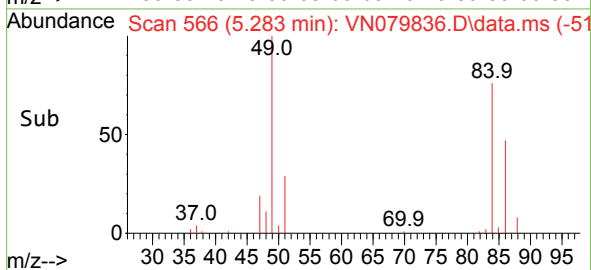
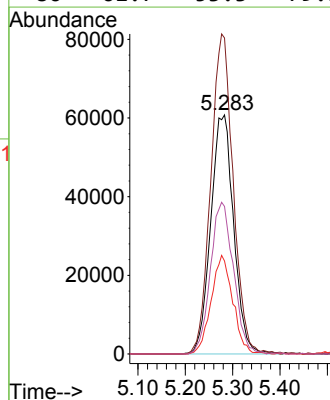
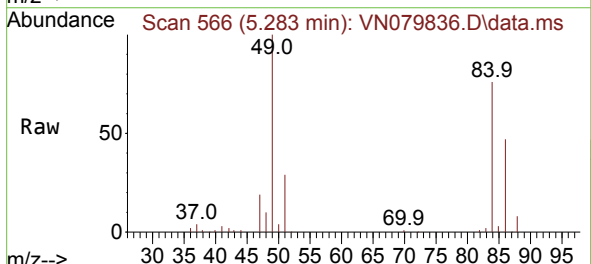
Instrument :
MSVOA_N
ClientSampleId :

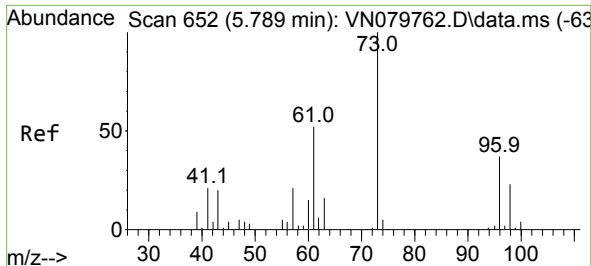
Tgt Ion: 73 Resp: 586745
Ion Ratio Lower Upper
73 100
57 22.6 15.6 23.4



#20
Methylene Chloride
Concen: 49.376 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

Tgt Ion: 84 Resp: 204577
Ion Ratio Lower Upper
84 100
49 132.2 79.7 119.5#
51 38.9 25.2 37.8#
86 61.7 53.3 79.9

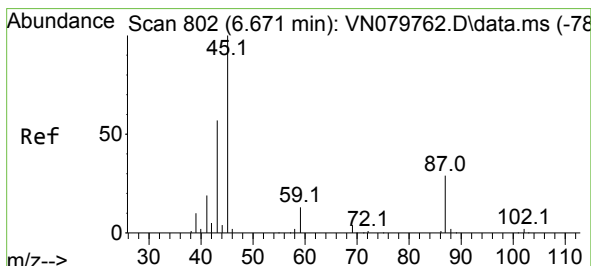
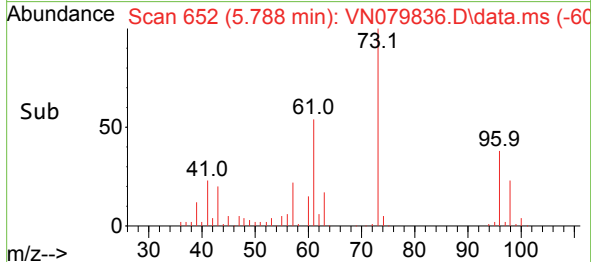
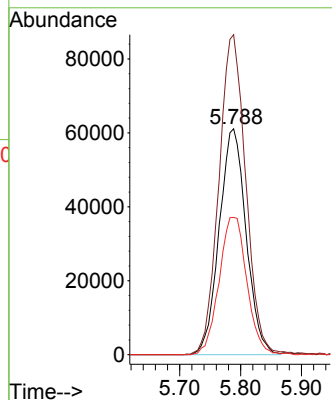
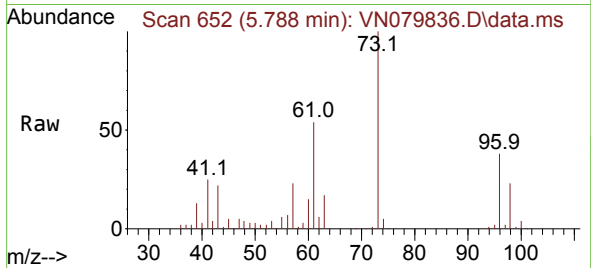




#21
trans-1,2-Dichloroethene
Concen: 50.914 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

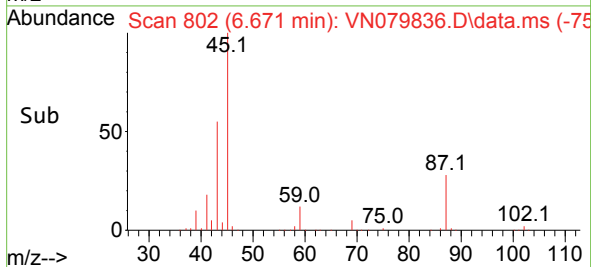
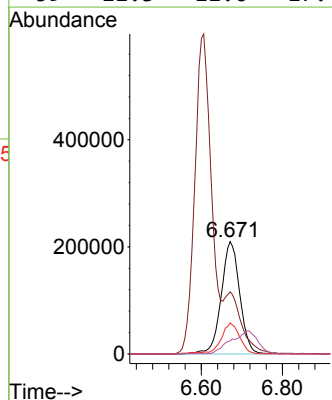
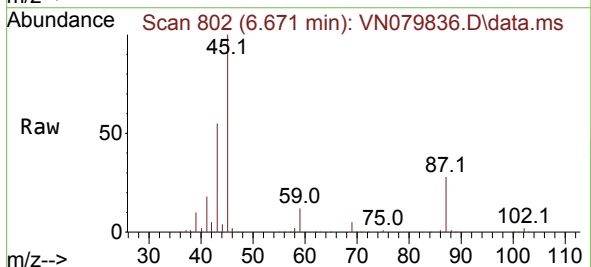
Instrument :
MSVOA_N
ClientSampleId :

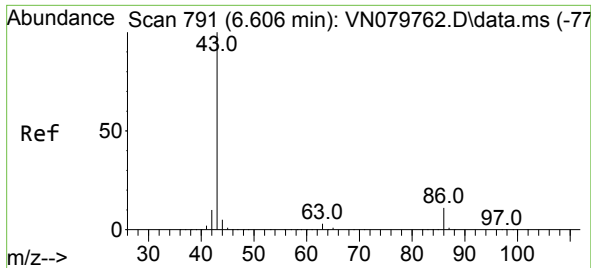
Tgt Ion: 96 Resp: 187540
Ion Ratio Lower Upper
96 100
61 141.6 90.1 135.1#
98 60.7 46.4 69.6



#22
Diisopropyl ether
Concen: 56.754 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

Tgt Ion: 45 Resp: 665311
Ion Ratio Lower Upper
45 100
43 54.7 45.5 68.3
87 27.7 31.8 47.8#
59 11.3 11.6 17.4#

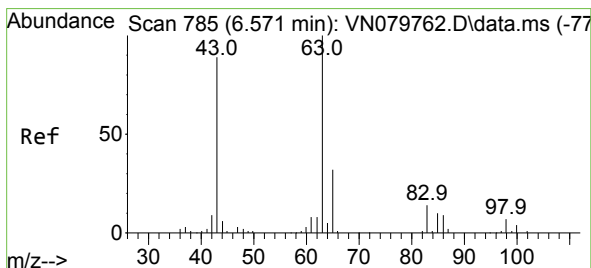
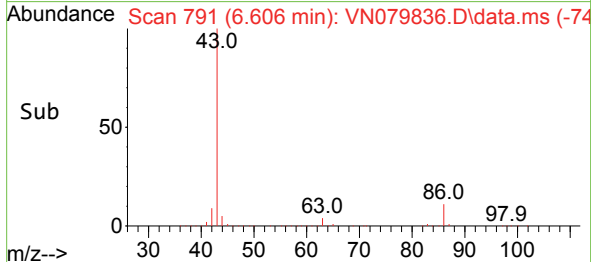
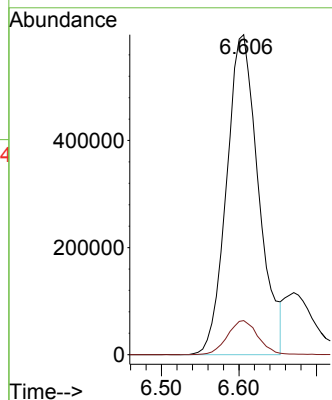
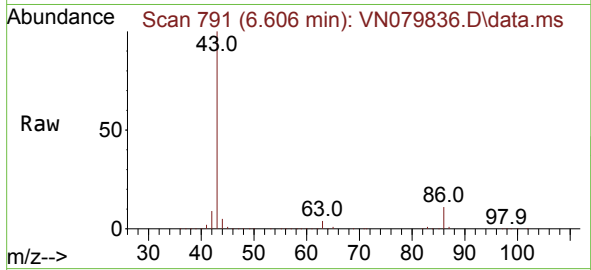




#23
 Vinyl Acetate
 Concen: 265.418 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079836.D
 Acq: 03 Nov 2023 09:30

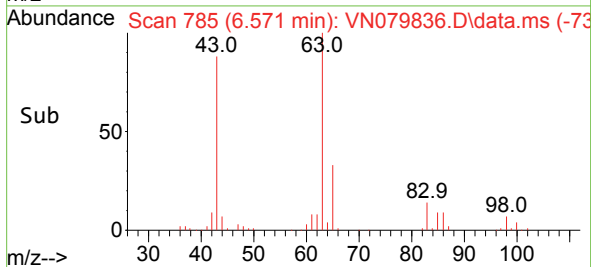
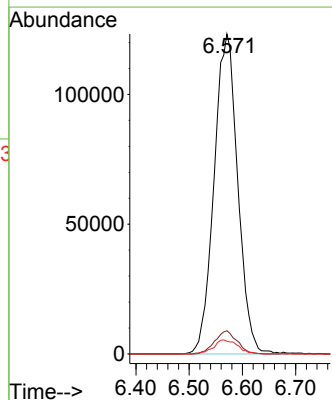
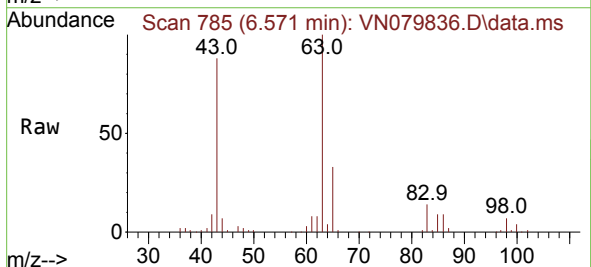
Instrument :
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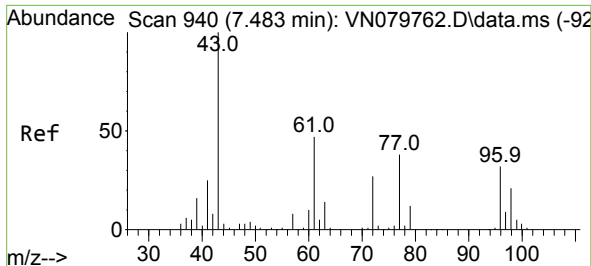
Tgt Ion: 43 Resp: 1716241
 Ion Ratio Lower Upper
 43 100
 86 10.6 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 53.460 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN079836.D
 Acq: 03 Nov 2023 09:30

Tgt Ion: 63 Resp: 380905
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 3.9 2.5 7.4

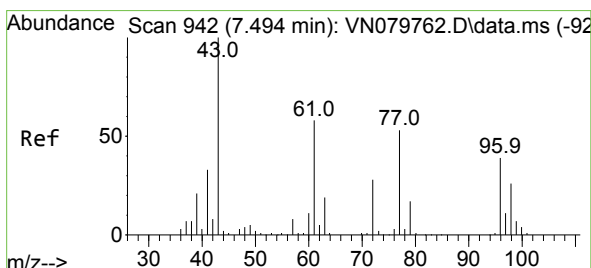
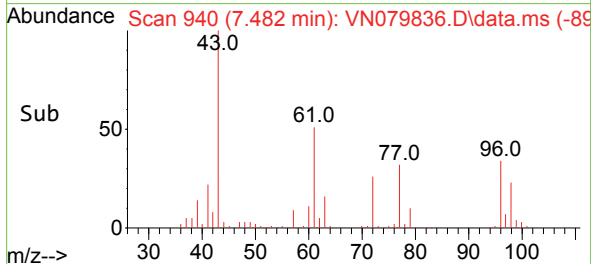
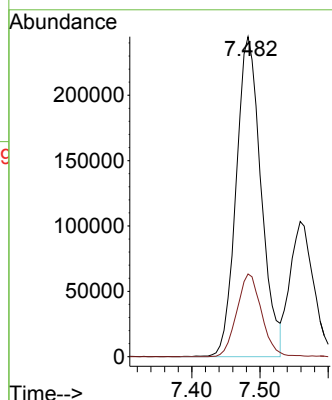
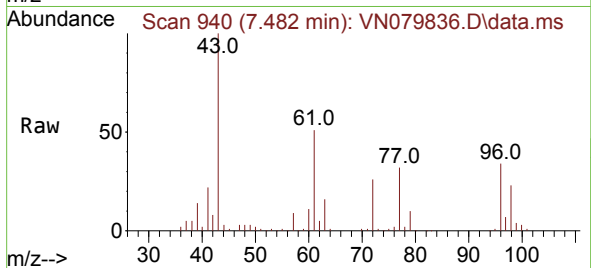




#25
2-Butanone
Concen: 258.285 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

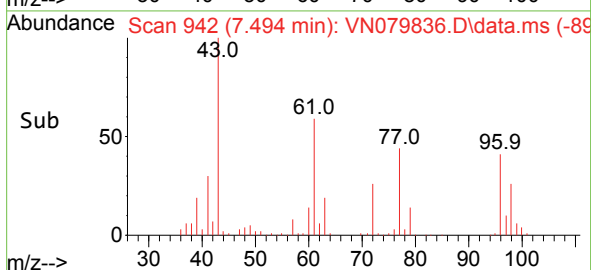
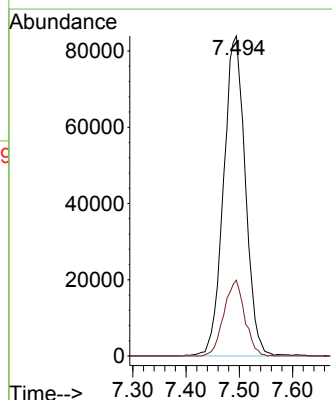
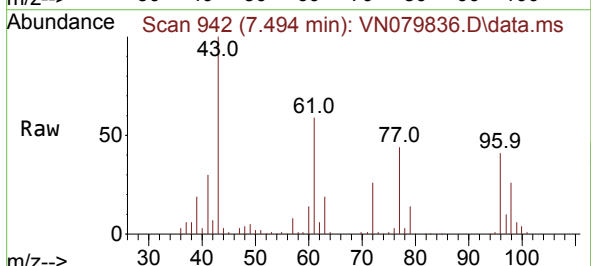
Instrument :
MSVOA_N
ClientSampleId :

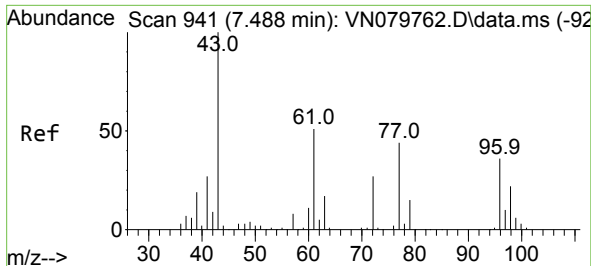
Tgt Ion: 43 Resp: 621047
Ion Ratio Lower Upper
43 100
72 25.8 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 40.406 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

Tgt Ion: 77 Resp: 238100
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.6



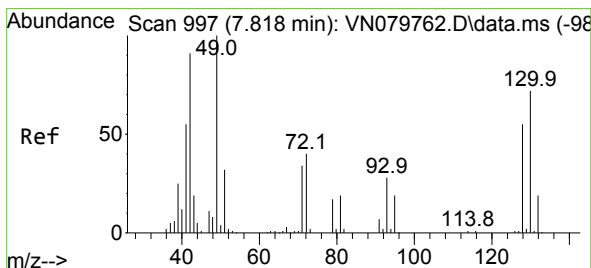
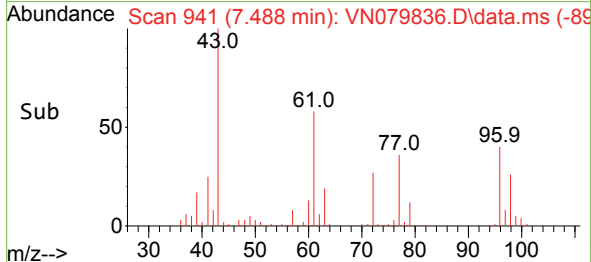
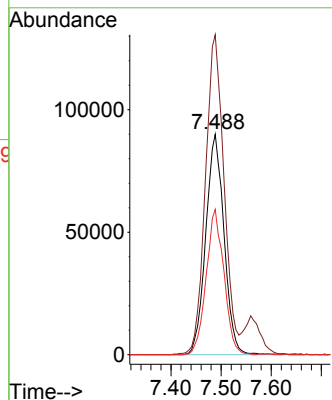
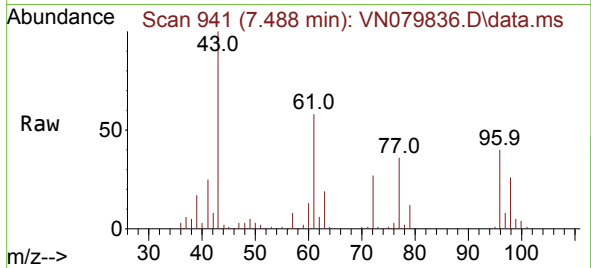


#27
 cis-1,2-Dichloroethene
 Concen: 51.792 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079836.D
 Acq: 03 Nov 2023 09:30

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 96 Resp: 228201

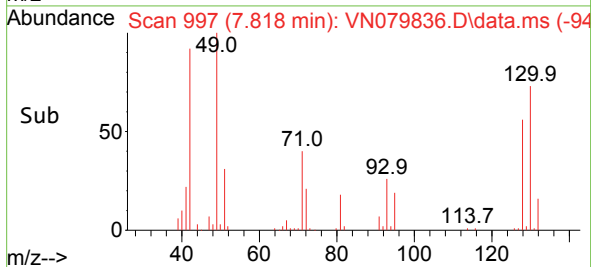
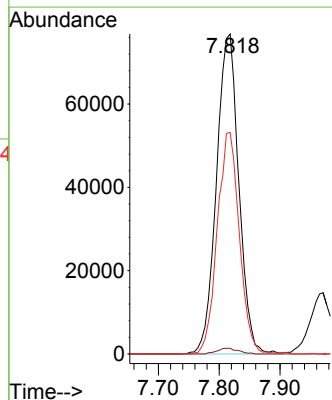
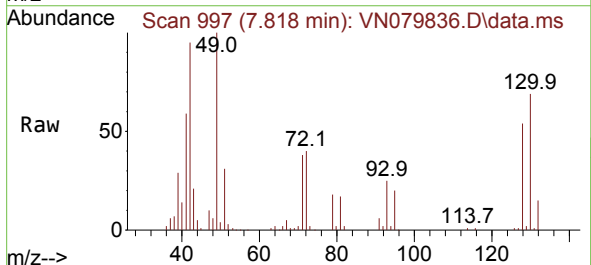
Ion	Ratio	Lower	Upper
96	100		
61	147.1	0.0	255.2
98	63.9	0.0	128.8

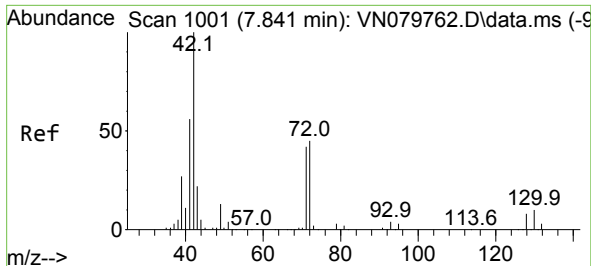


#28
 Bromochloromethane
 Concen: 56.495 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN079836.D
 Acq: 03 Nov 2023 09:30

Tgt Ion: 49 Resp: 196168

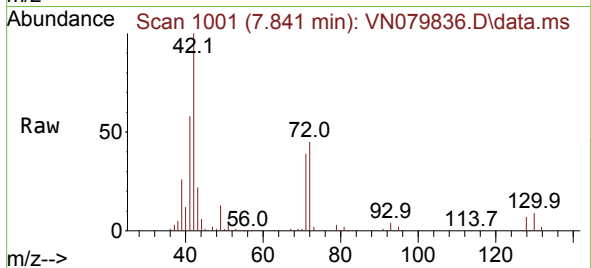
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.8
130	68.2	75.3	112.9



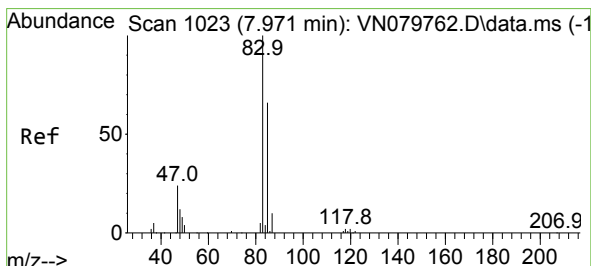
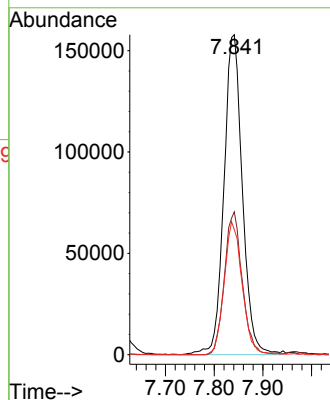
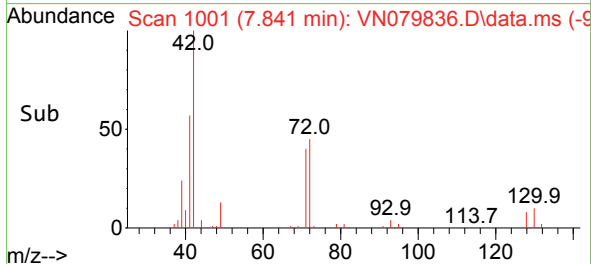


#29
Tetrahydrofuran
Concen: 266.300 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

Instrument :
MSVOA_N
ClientSampleId :

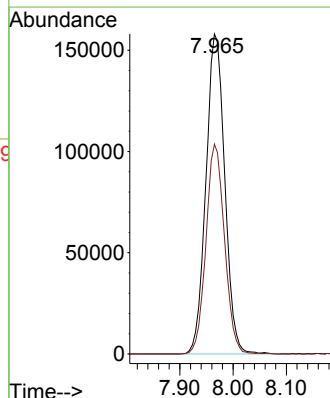
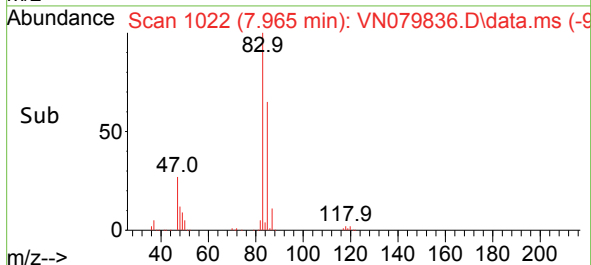
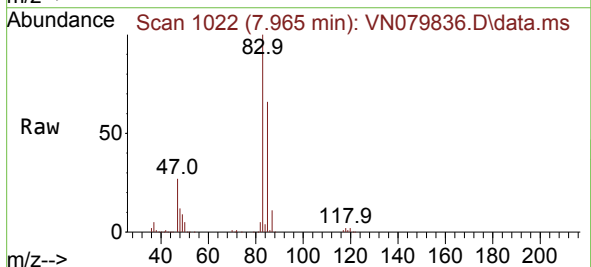


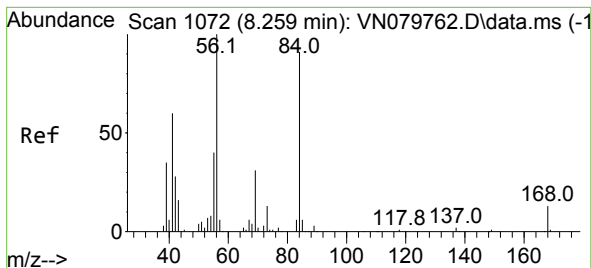
Tgt Ion: 42 Resp: 416600
Ion Ratio Lower Upper
42 100
72 43.2 49.8 74.6#
71 40.4 47.4 71.2#



#30
Chloroform
Concen: 50.147 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

Tgt Ion: 83 Resp: 388115
Ion Ratio Lower Upper
83 100
85 65.5 55.4 83.0





#31

Cyclohexane

Concen: 50.724 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN079836.D

Acq: 03 Nov 2023 09:30

Instrument :

MSVOA_N

ClientSampleId :

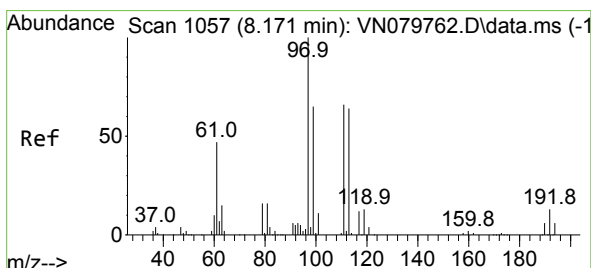
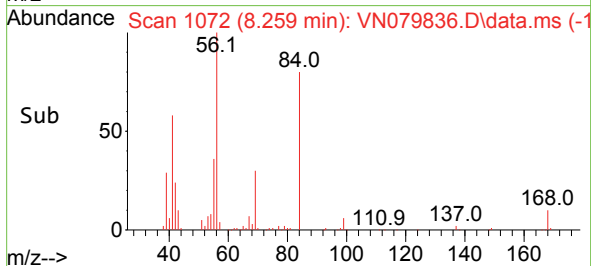
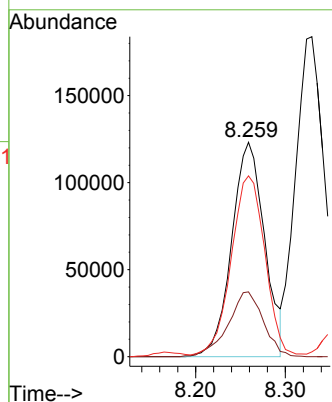
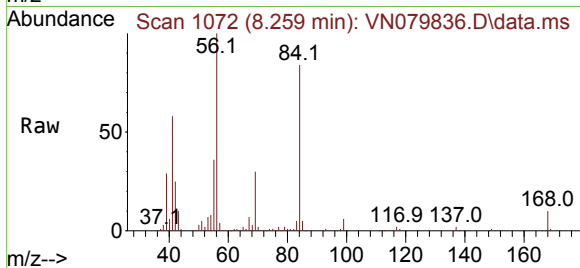
Tgt Ion: 56 Resp: 313329

Ion Ratio Lower Upper

56 100

69 30.2 26.8 40.2

84 82.8 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 52.932 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079836.D

Acq: 03 Nov 2023 09:30

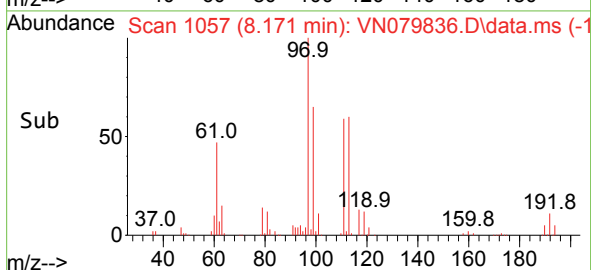
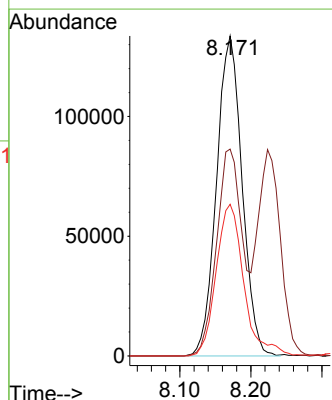
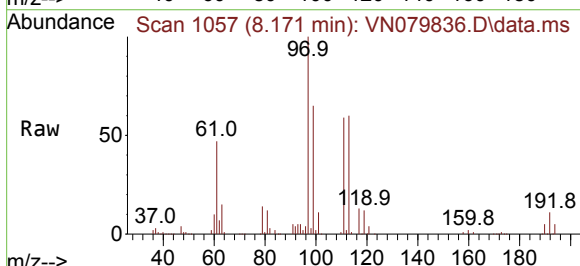
Tgt Ion: 97 Resp: 333796

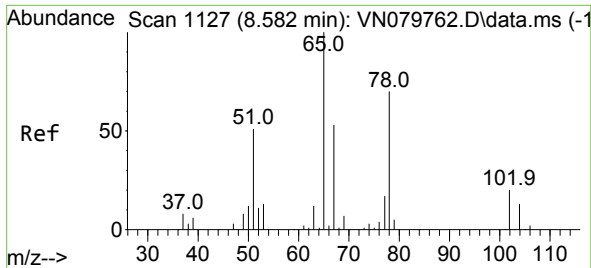
Ion Ratio Lower Upper

97 100

99 66.2 50.3 75.5

61 51.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.015 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN079836.D

Acq: 03 Nov 2023 09:30

Instrument :

MSVOA_N

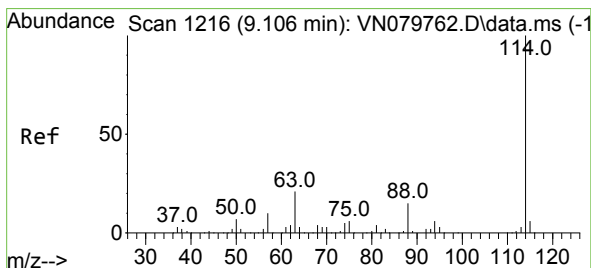
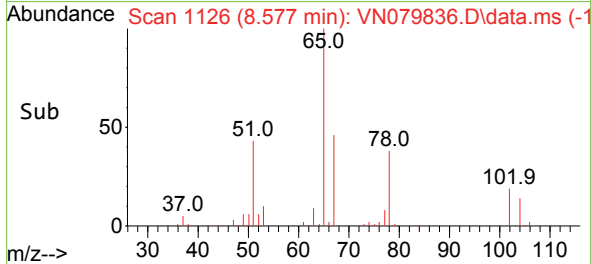
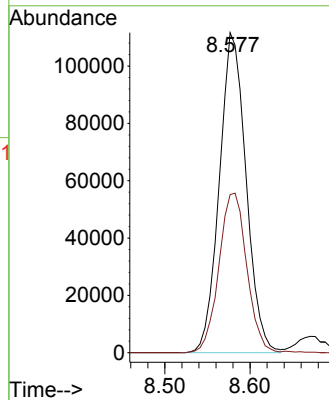
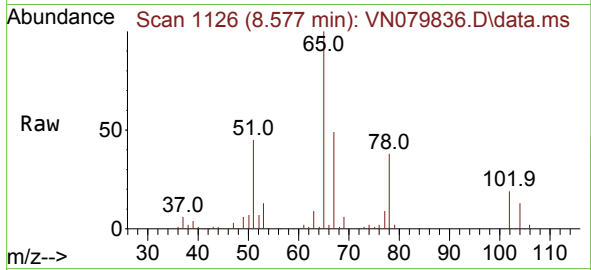
ClientSampleId :

Tgt Ion: 65 Resp: 243152

Ion Ratio Lower Upper

65 100

67 52.0 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079836.D

Acq: 03 Nov 2023 09:30

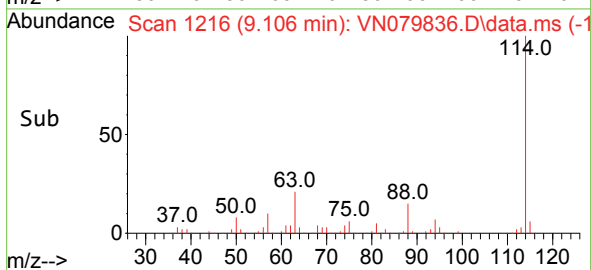
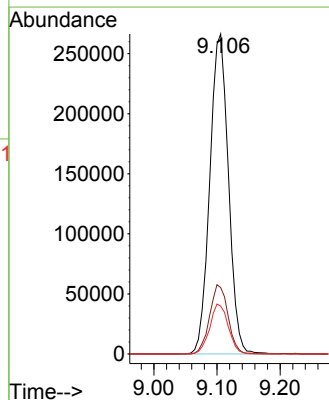
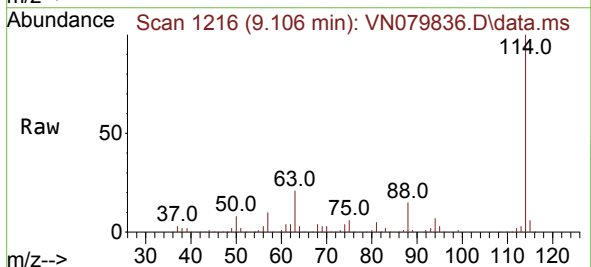
Tgt Ion: 114 Resp: 545610

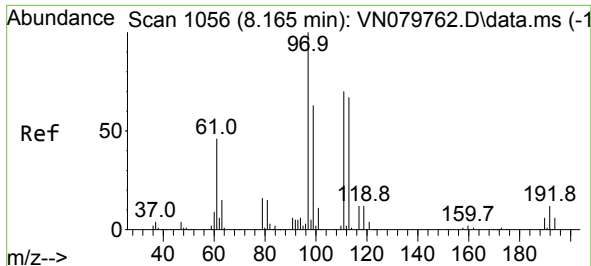
Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.4

88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.631 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN079836.D

Acq: 03 Nov 2023 09:30

Instrument :

MSVOA_N

ClientSampleId :

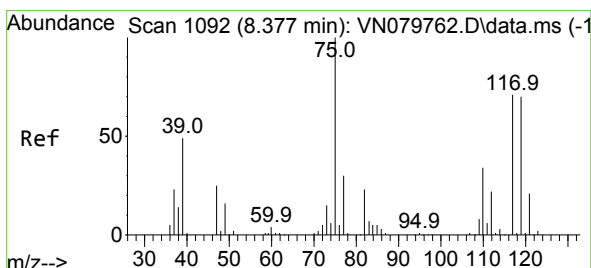
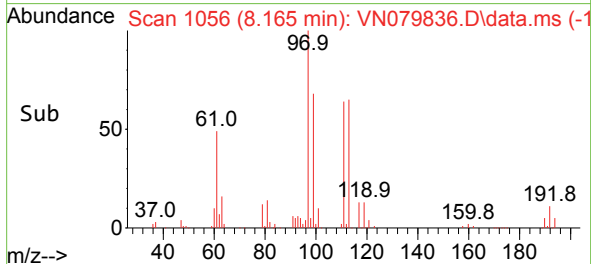
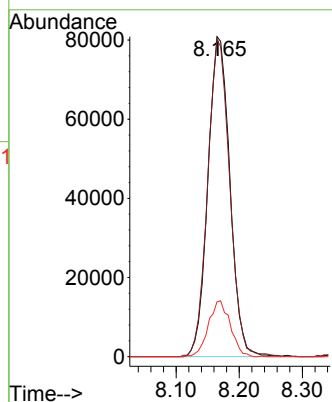
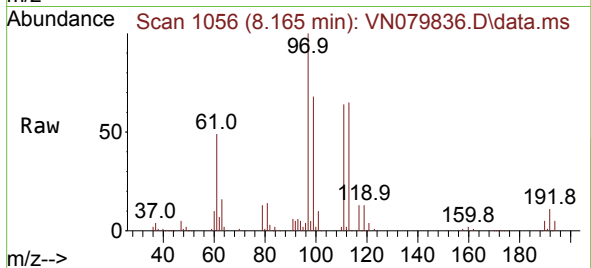
Tgt Ion:113 Resp: 195518

Ion Ratio Lower Upper

113 100

111 99.6 82.6 123.8

192 17.4 12.7 19.1



#36

1,1-Dichloropropene

Concen: 53.262 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VN079836.D

Acq: 03 Nov 2023 09:30

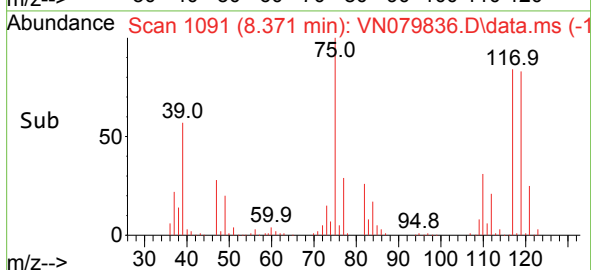
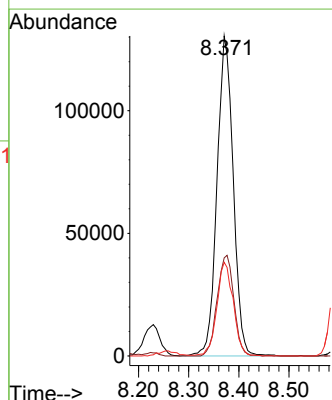
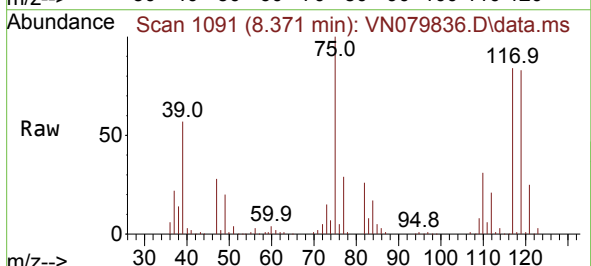
Tgt Ion: 75 Resp: 293669

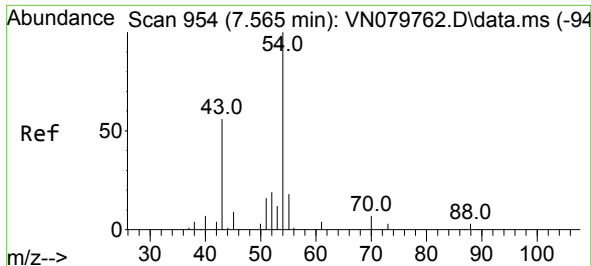
Ion Ratio Lower Upper

75 100

110 32.4 19.1 57.3

77 29.7 25.0 37.4





#37

Ethyl Acetate

Concen: 49.845 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079836.D

Acq: 03 Nov 2023 09:30

Instrument :

MSVOA_N

ClientSampleId :

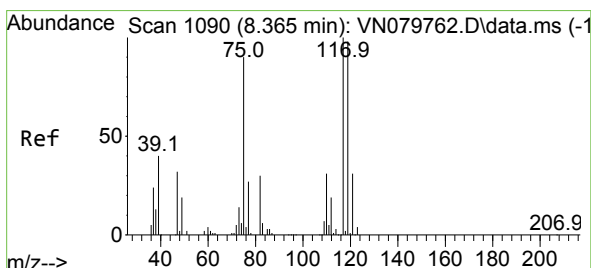
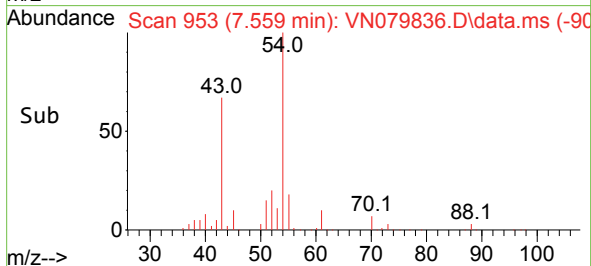
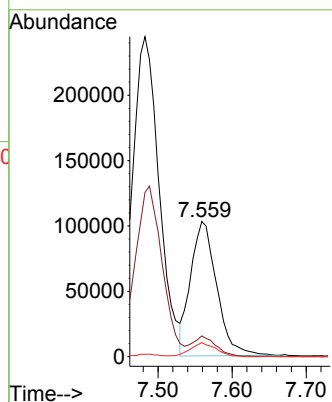
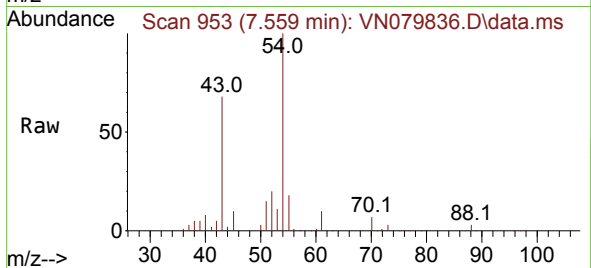
Tgt Ion: 43 Resp: 252056

Ion Ratio Lower Upper

43 100

61 13.9 13.2 19.8

70 10.3 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 52.315 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN079836.D

Acq: 03 Nov 2023 09:30

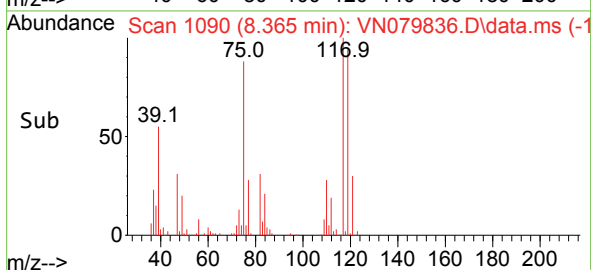
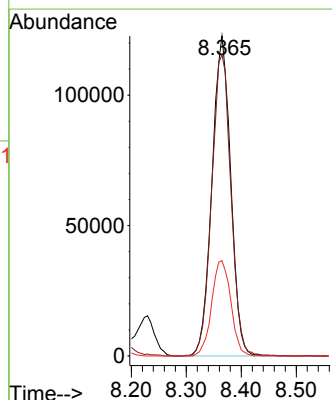
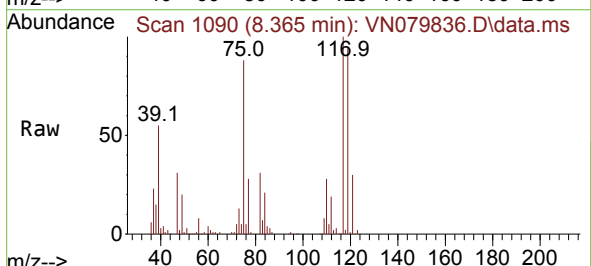
Tgt Ion: 117 Resp: 290708

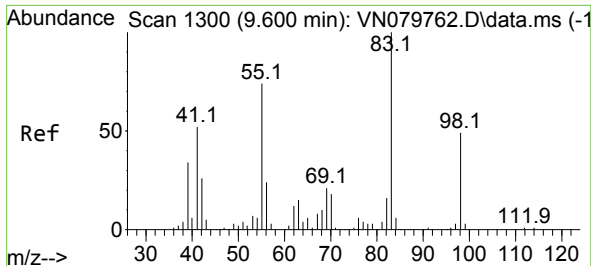
Ion Ratio Lower Upper

117 100

119 94.2 77.3 115.9

121 29.8 23.3 34.9





#39

Methylcyclohexane

Concen: 53.330 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079836.D

Acq: 03 Nov 2023 09:30

Instrument :

MSVOA_N

ClientSampleId :

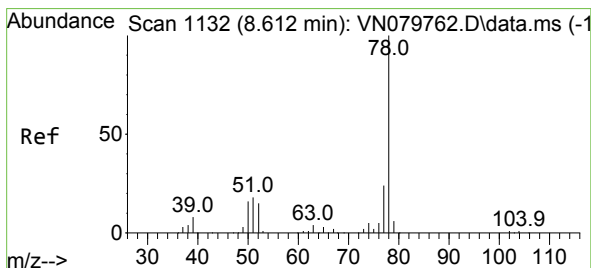
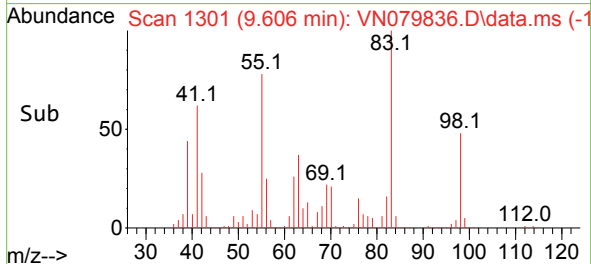
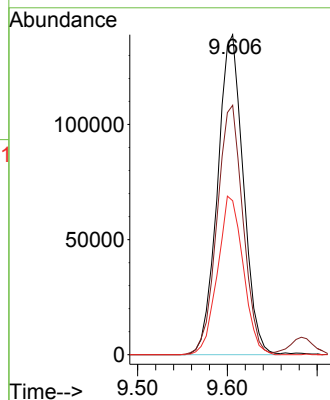
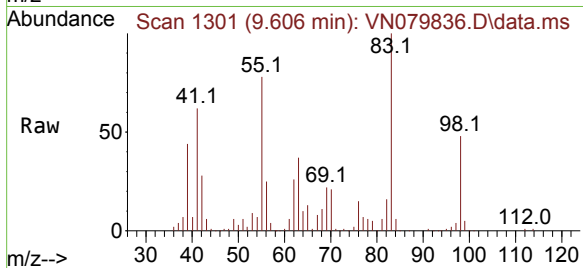
Tgt Ion: 83 Resp: 276727

Ion Ratio Lower Upper

83 100

55 78.0 49.1 73.7#

98 48.1 40.6 61.0



#40

Benzene

Concen: 51.890 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN079836.D

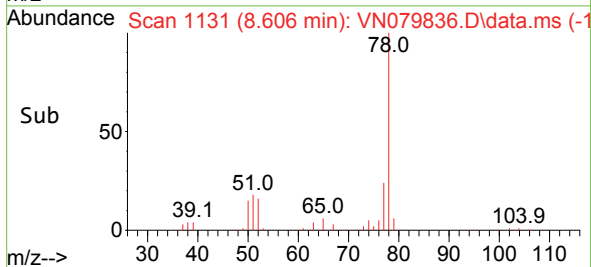
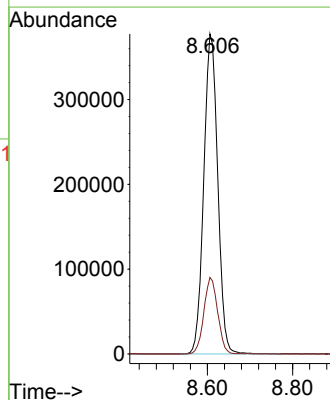
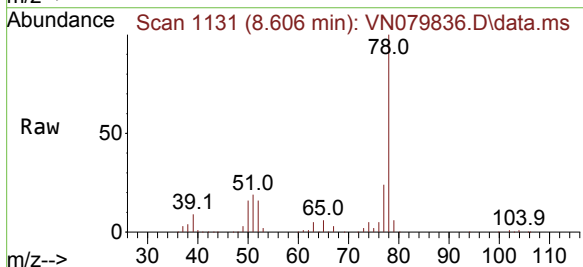
Acq: 03 Nov 2023 09:30

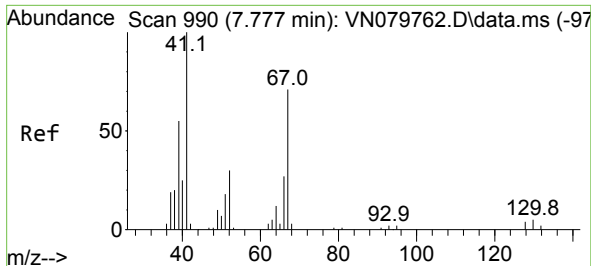
Tgt Ion: 78 Resp: 856927

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6

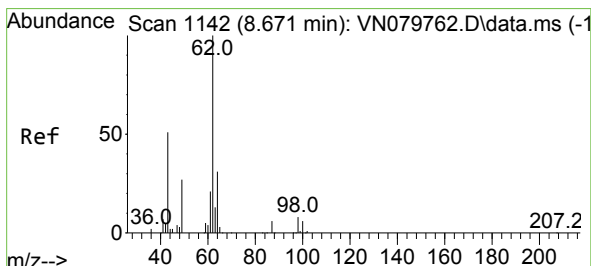
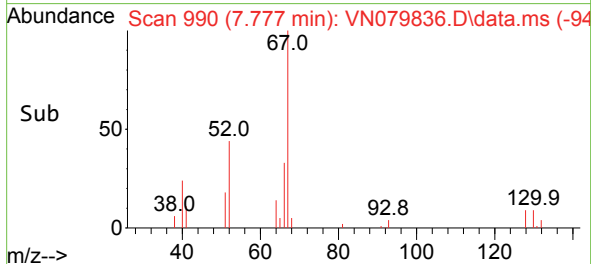
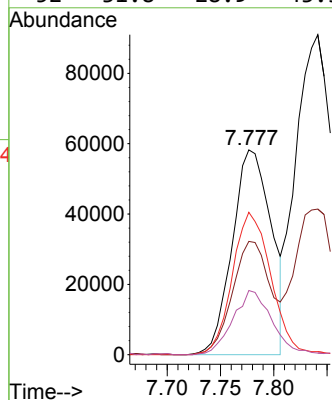
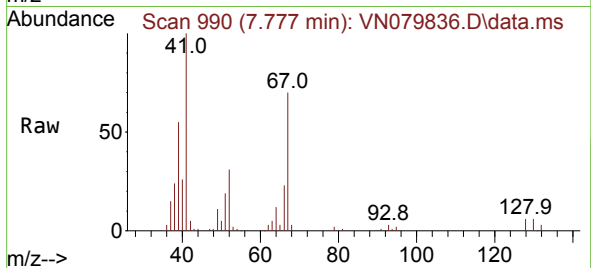




#41
Methacrylonitrile
Concen: 55.288 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

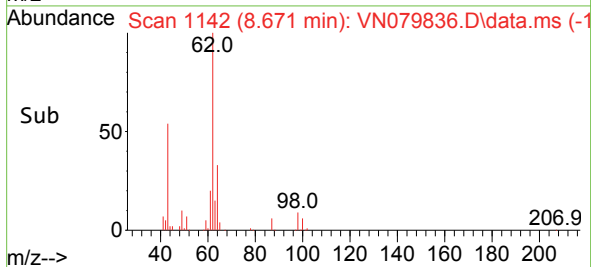
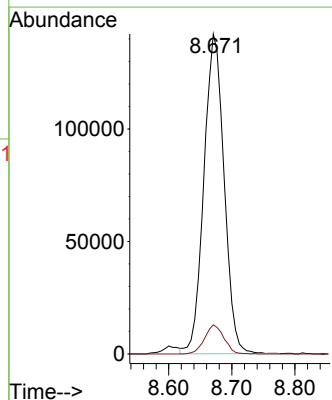
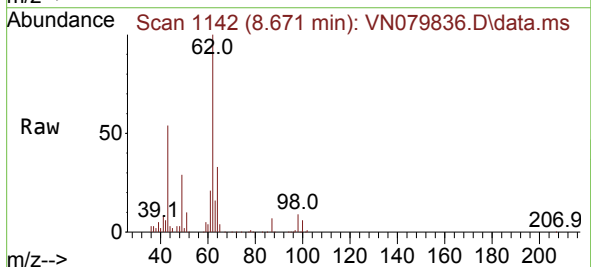
Instrument :
MSVOA_N
ClientSampleId :

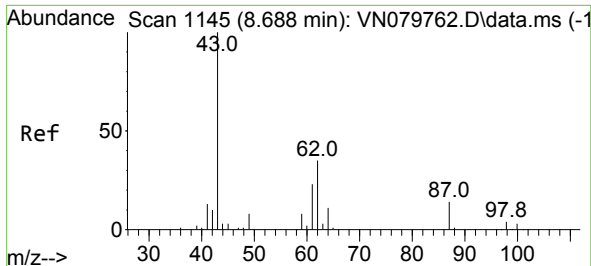
Tgt Ion: 41	Resp: 148463
Ion Ratio	Lower Upper
41 100	
39 54.3	42.6 64.0
67 69.0	77.5 116.3#
52 31.8	28.9 43.3



#42
1,2-Dichloroethane
Concen: 54.687 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

Tgt Ion: 62	Resp: 315465
Ion Ratio	Lower Upper
62 100	
98 8.7	0.0 19.8

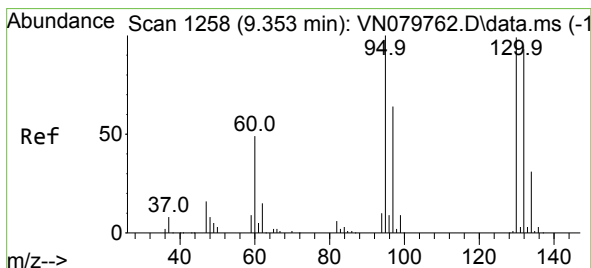
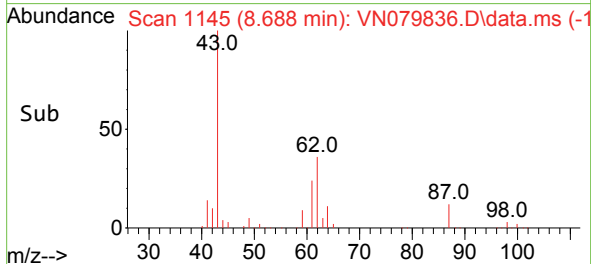
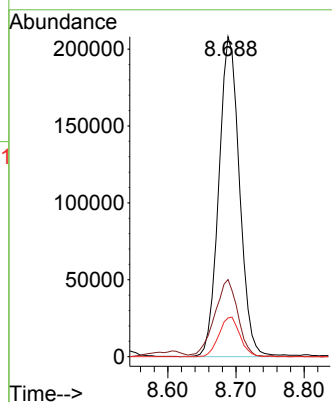
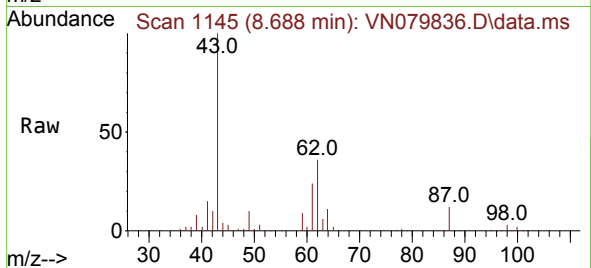




#43
Isopropyl Acetate
Concen: 49.601 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

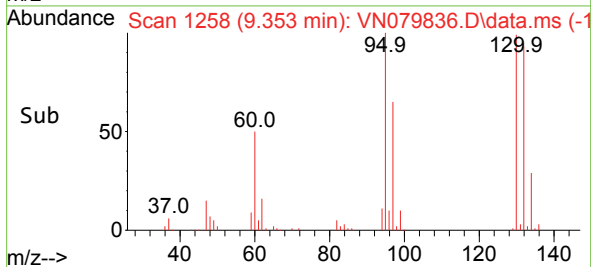
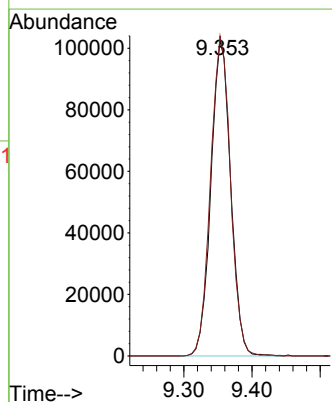
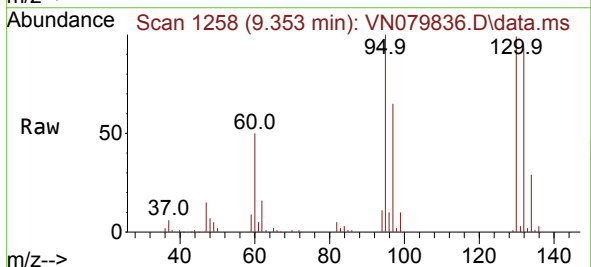
Instrument :
MSVOA_N
ClientSampleId :

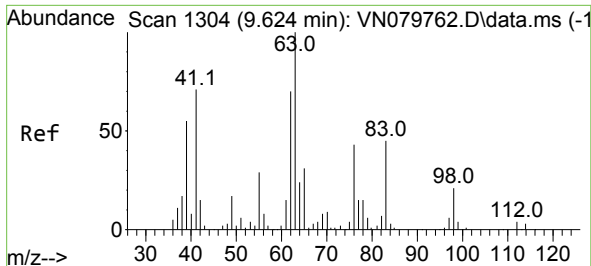
Tgt Ion: 43 Resp: 439862
Ion Ratio Lower Upper
43 100
61 26.7 24.7 37.1
87 12.6 14.6 21.8#



#44
Trichloroethene
Concen: 50.499 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

Tgt Ion:130 Resp: 206944
Ion Ratio Lower Upper
130 100
95 101.4 0.0 204.6

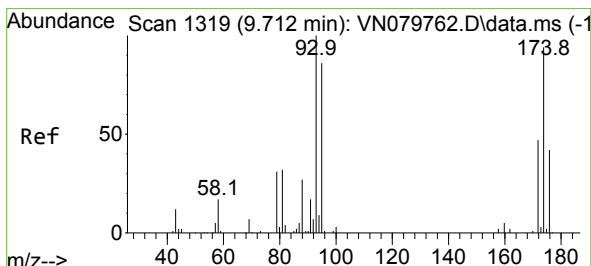
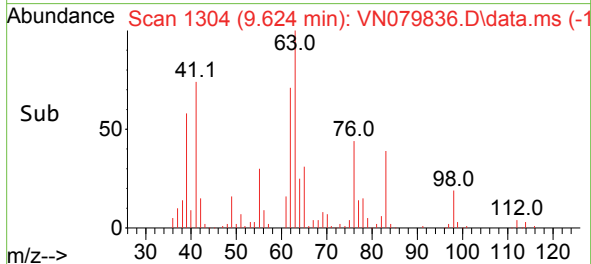
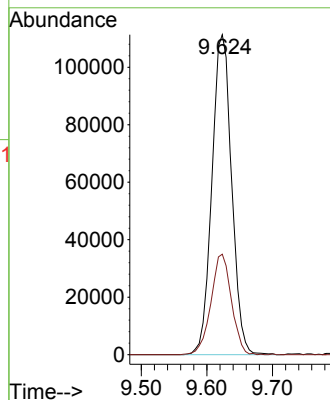
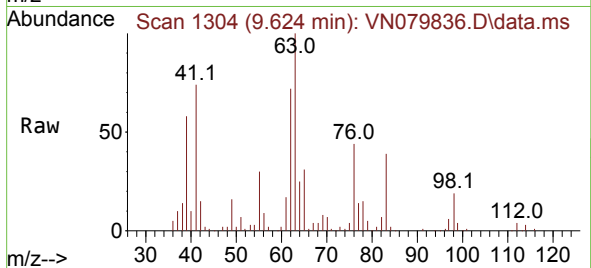




#45
1,2-Dichloropropane
Concen: 54.963 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

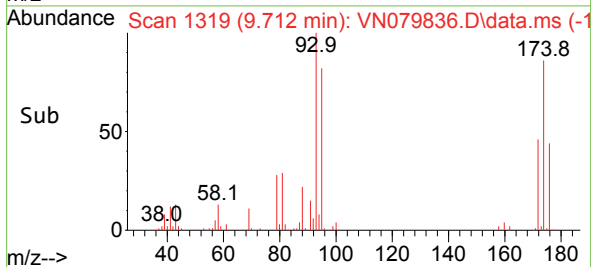
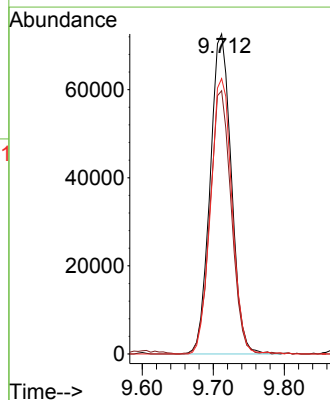
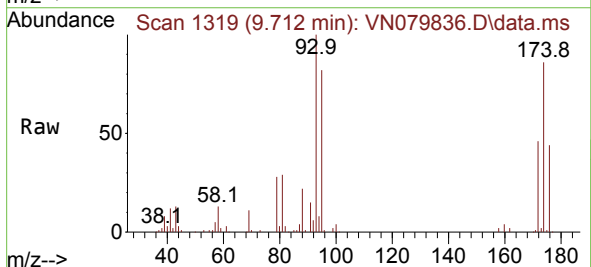
Instrument :
MSVOA_N
ClientSampleId :

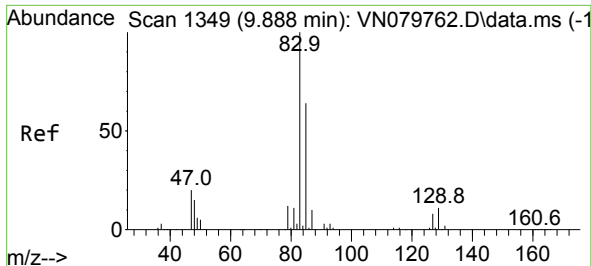
Tgt Ion: 63 Resp: 231965
Ion Ratio Lower Upper
63 100
65 31.4 23.9 35.9



#46
Dibromomethane
Concen: 52.325 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

Tgt Ion: 93 Resp: 150786
Ion Ratio Lower Upper
93 100
95 82.2 63.8 95.8
174 86.9 65.6 98.4

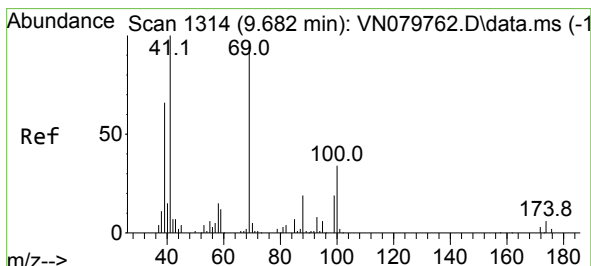
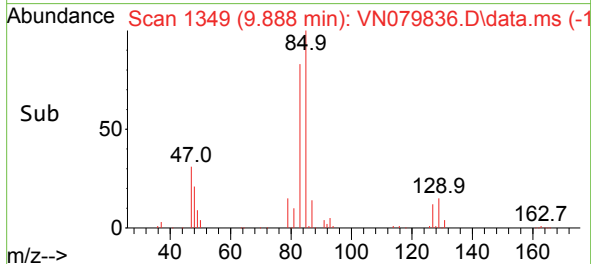
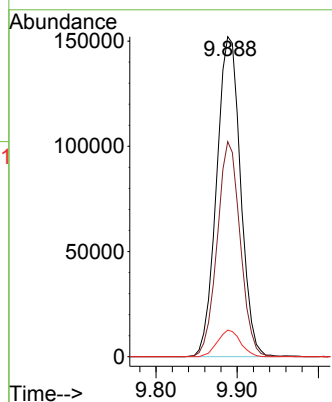
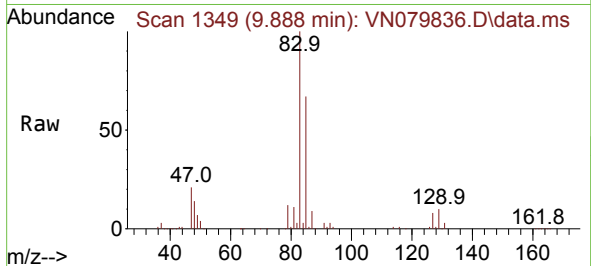




#47
Bromodichloromethane
Concen: 50.728 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

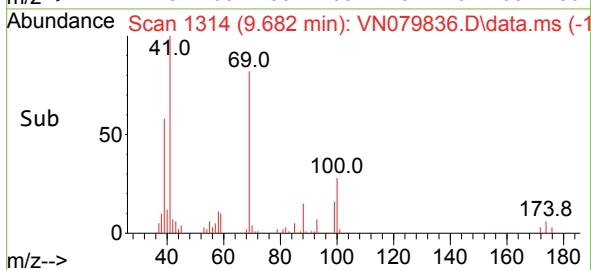
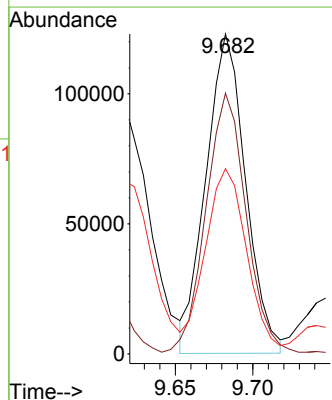
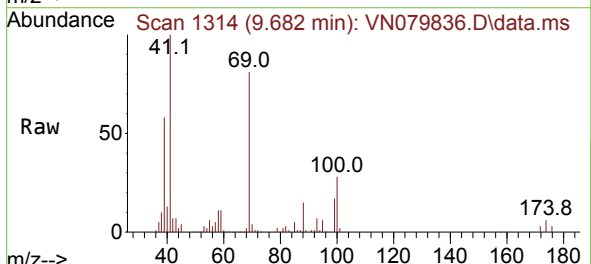
Instrument :
MSVOA_N
ClientSampleId :

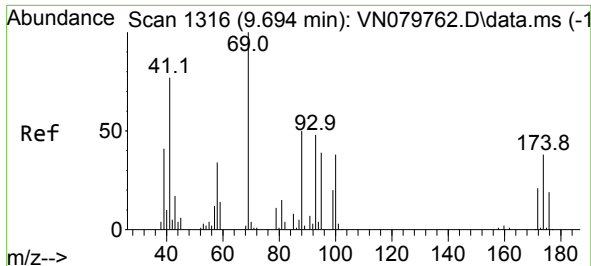
Tgt Ion: 83 Resp: 311763
Ion Ratio Lower Upper
83 100
85 67.2 49.6 74.4
127 8.3 7.0 10.6



#48
Methyl methacrylate
Concen: 56.185 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

Tgt Ion: 41 Resp: 218240
Ion Ratio Lower Upper
41 100
69 82.1 90.4 135.6#
39 60.9 54.6 81.8





#49

1,4-Dioxane

Concen: 939.737 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079836.D

Acq: 03 Nov 2023 09:30

Instrument :

MSVOA_N

ClientSampleId :

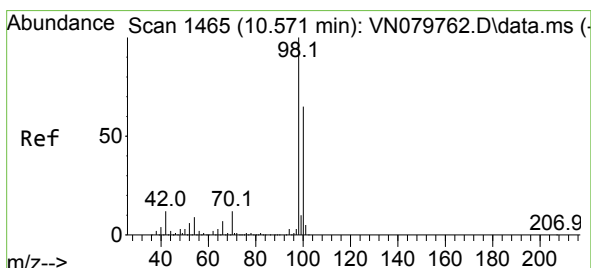
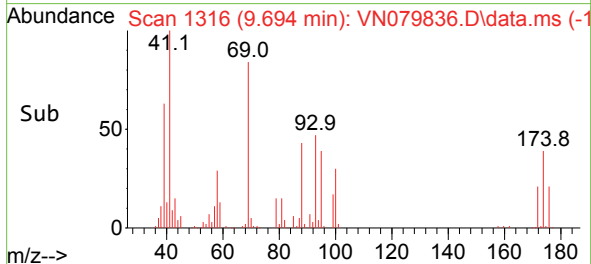
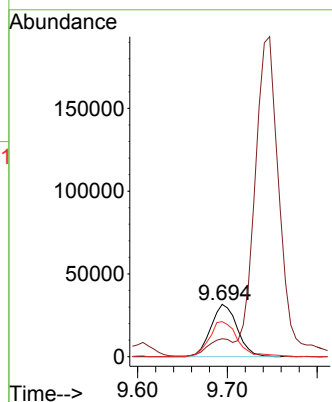
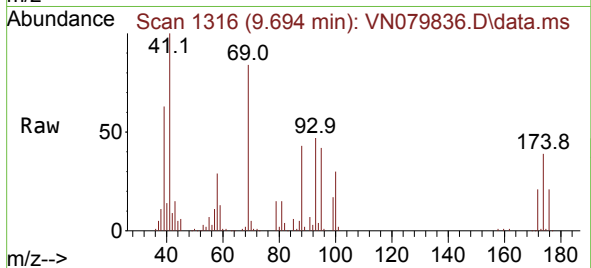
Tgt Ion: 88 Resp: 64499

Ion Ratio Lower Upper

88 100

43 30.5 17.0 25.6#

58 72.2 47.0 70.4#



#50

Toluene-d8

Concen: 50.399 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079836.D

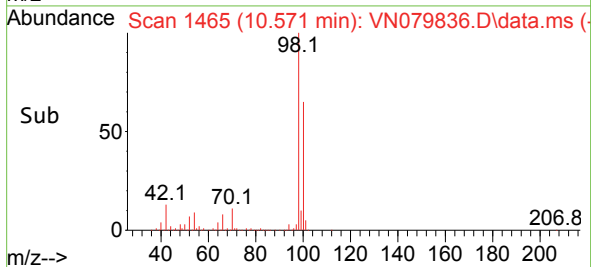
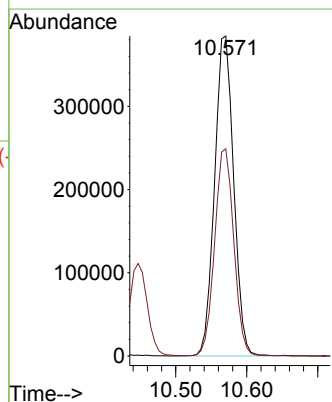
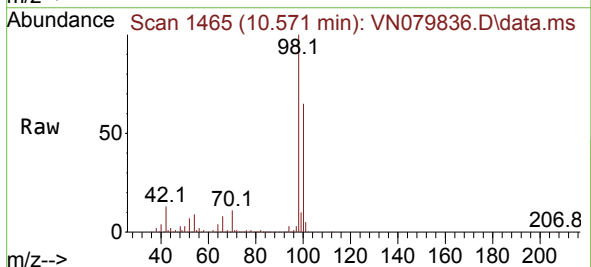
Acq: 03 Nov 2023 09:30

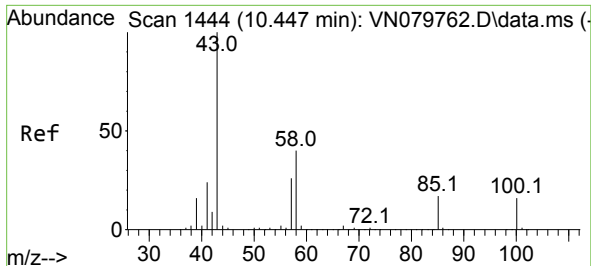
Tgt Ion: 98 Resp: 716467

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 269.940 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN079836.D

Acq: 03 Nov 2023 09:30

Instrument :

MSVOA_N

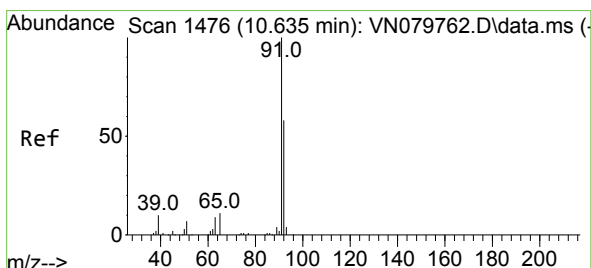
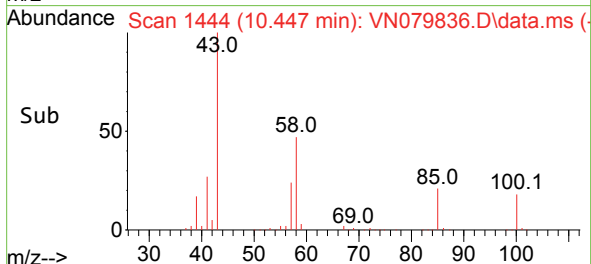
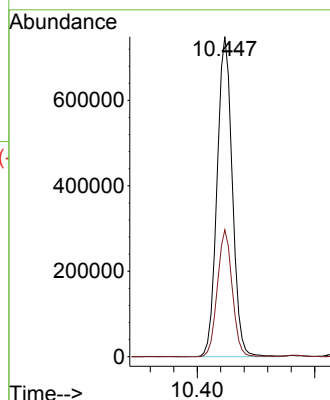
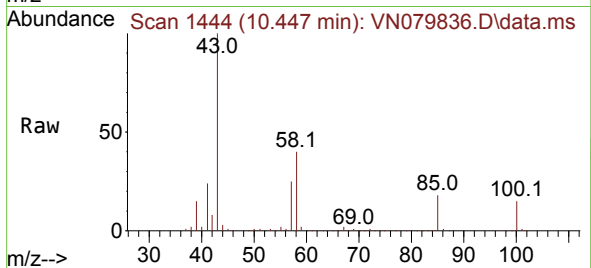
ClientSampleId :

Tgt Ion: 43 Resp: 1347702

Ion Ratio Lower Upper

43 100

58 38.7 36.6 54.8



#52

Toluene

Concen: 54.087 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VN079836.D

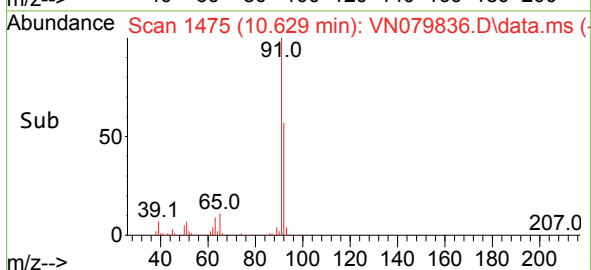
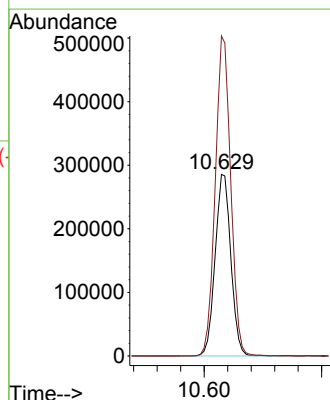
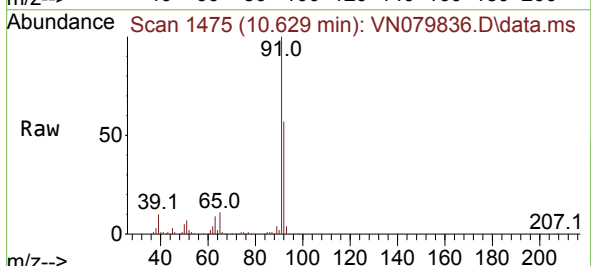
Acq: 03 Nov 2023 09:30

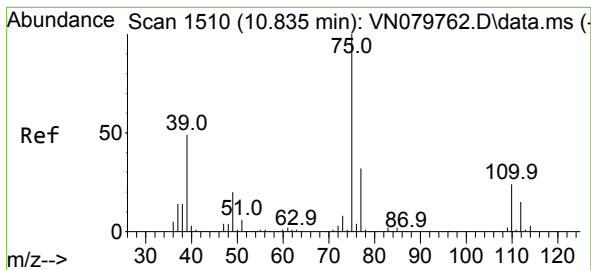
Tgt Ion: 92 Resp: 529531

Ion Ratio Lower Upper

92 100

91 173.4 137.4 206.0

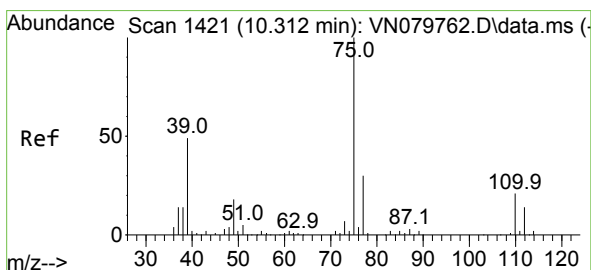
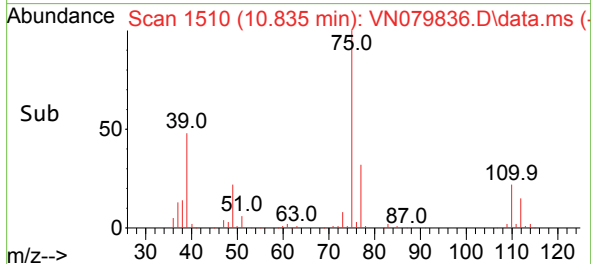
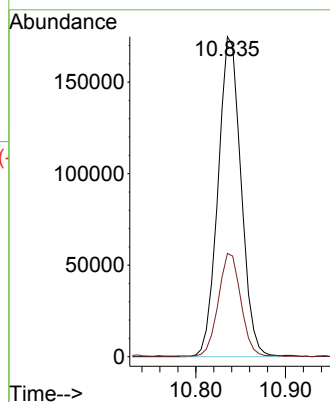
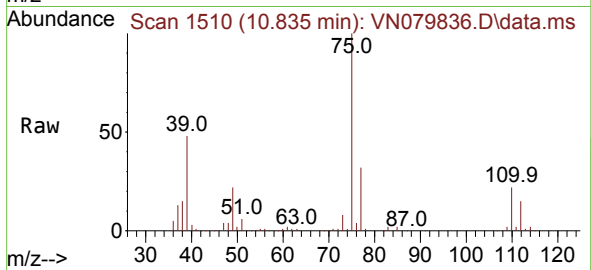




#53
t-1,3-Dichloropropene
Concen: 51.662 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

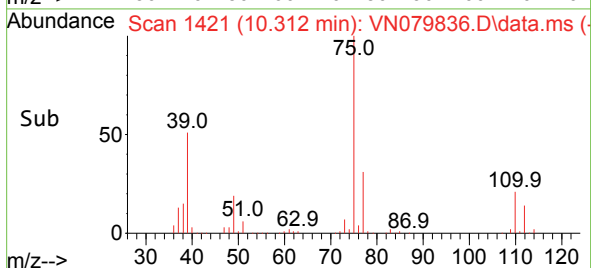
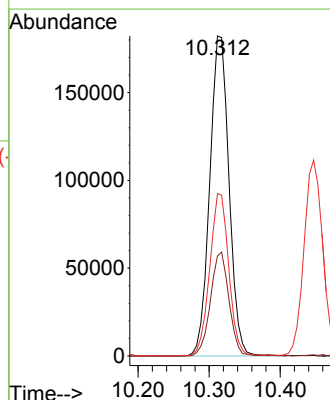
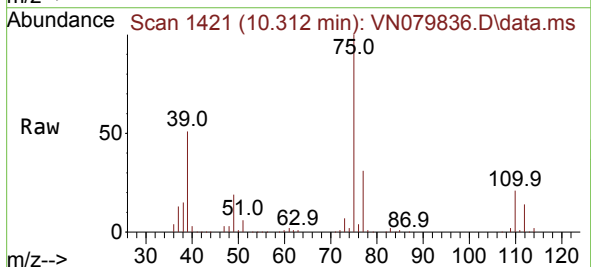
Instrument :
MSVOA_N
ClientSampleId :

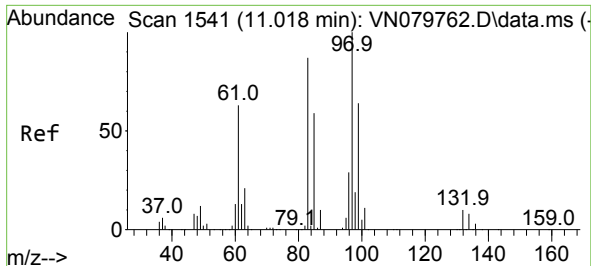
Tgt Ion: 75 Resp: 311255
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 52.297 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

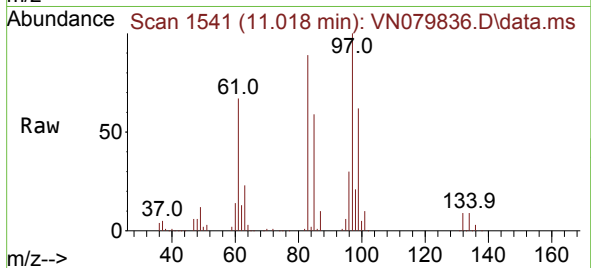
Tgt Ion: 75 Resp: 343433
Ion Ratio Lower Upper
75 100
77 31.3 26.1 39.1
39 50.7 31.6 47.4#



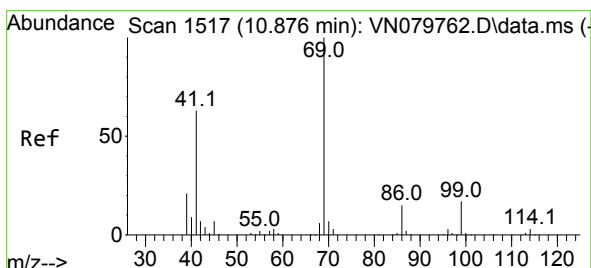
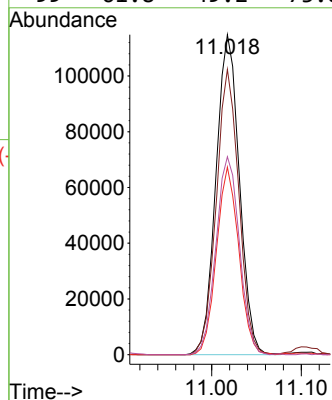
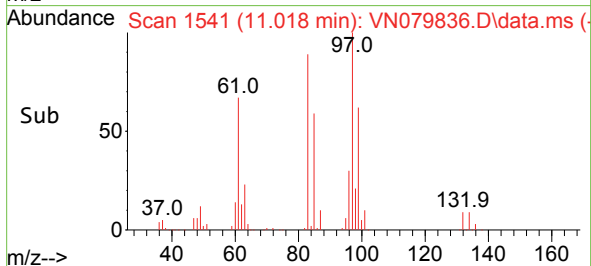


#55
1,1,2-Trichloroethane
Concen: 52.920 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

Instrument :
MSVOA_N
ClientSampleId :

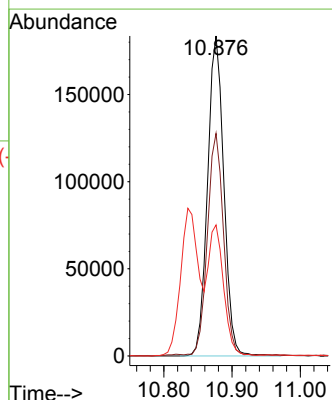
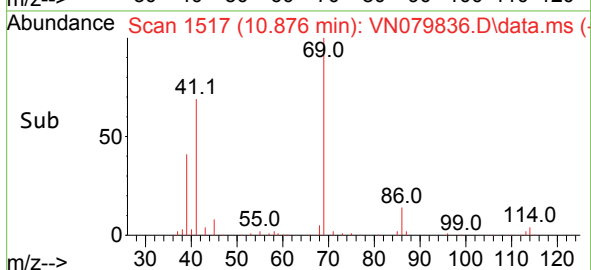
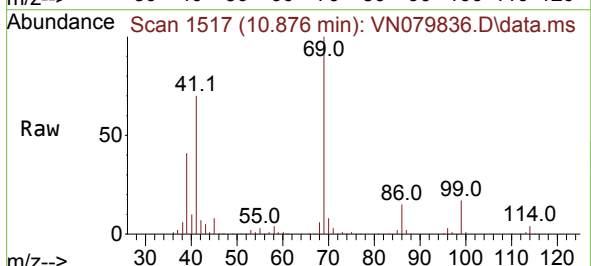


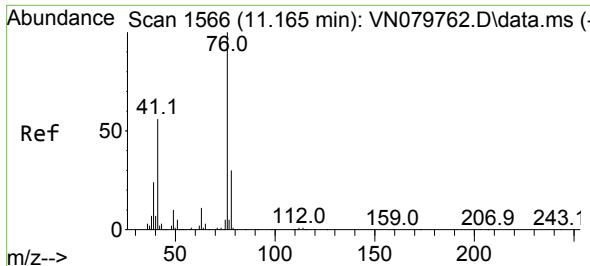
Tgt Ion:	97	Resp:	208392
Ion	Ratio	Lower	Upper
97	100		
83	89.2	65.1	97.7
85	58.6	43.4	65.2
99	61.8	49.2	73.8



#56
Ethyl methacrylate
Concen: 54.296 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

Tgt Ion:	69	Resp:	304977
Ion	Ratio	Lower	Upper
69	100		
41	68.1	39.6	59.4#
39	38.0	28.6	43.0





#57

1,3-Dichloropropane

Concen: 53.640 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN079836.D

Acq: 03 Nov 2023 09:30

Instrument :

MSVOA_N

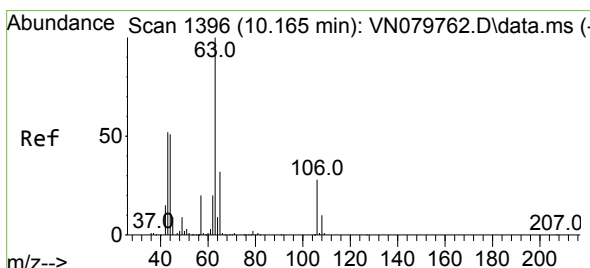
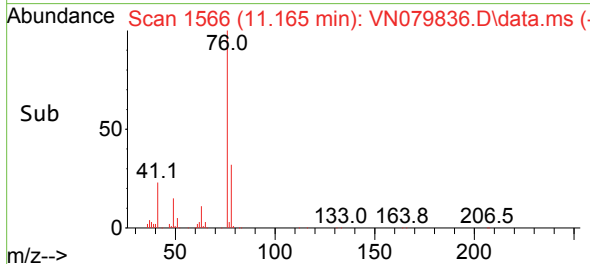
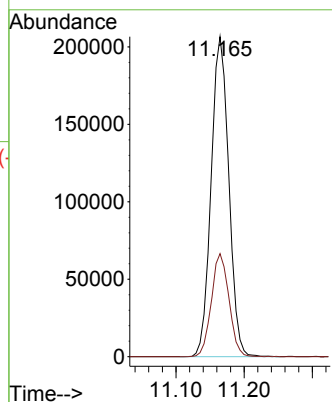
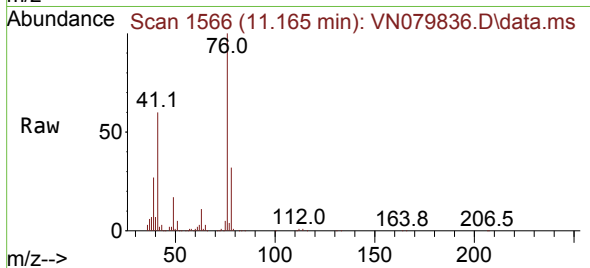
ClientSampleId :

Tgt Ion: 76 Resp: 372324

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 260.104 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN079836.D

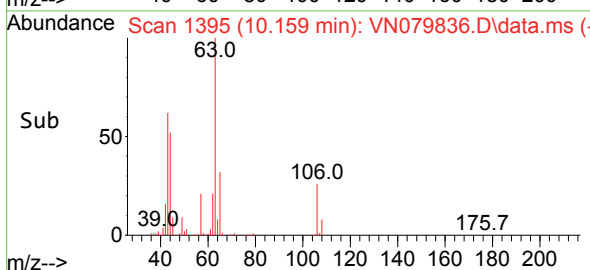
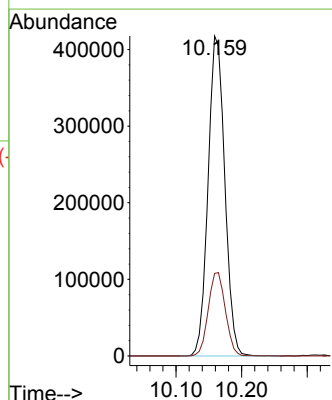
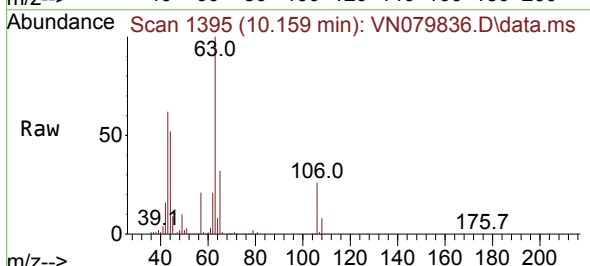
Acq: 03 Nov 2023 09:30

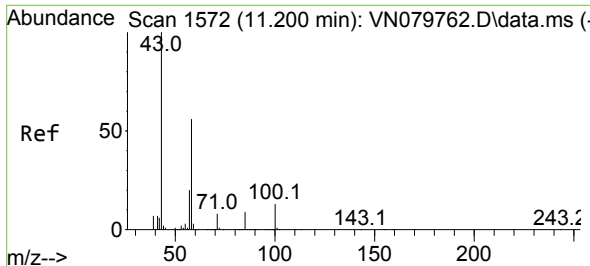
Tgt Ion: 63 Resp: 740488

Ion Ratio Lower Upper

63 100

106 26.7 26.2 39.4

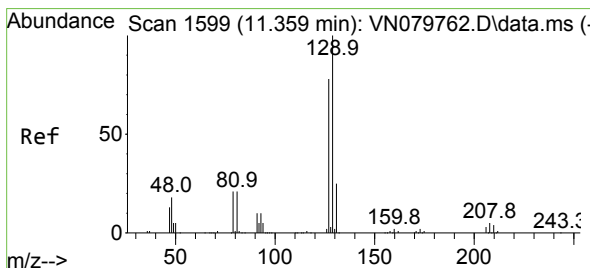
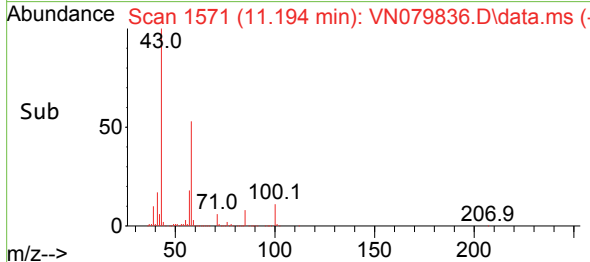
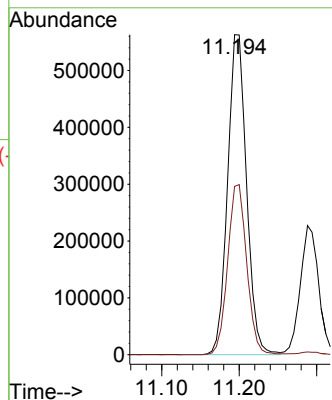
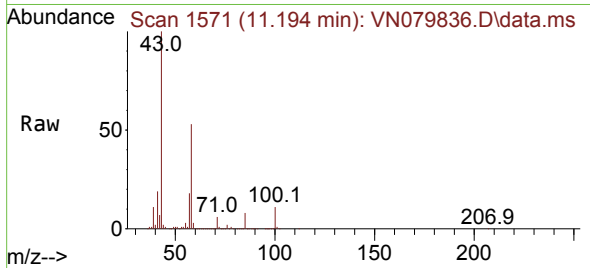




#59
2-Hexanone
Concen: 250.998 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

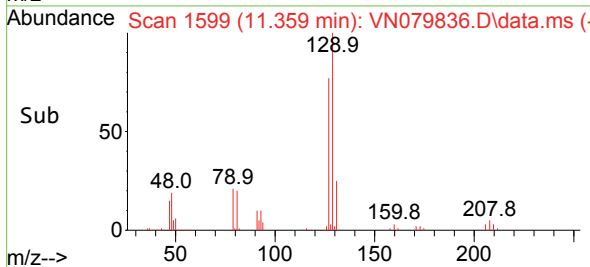
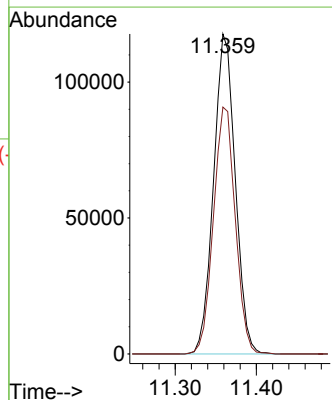
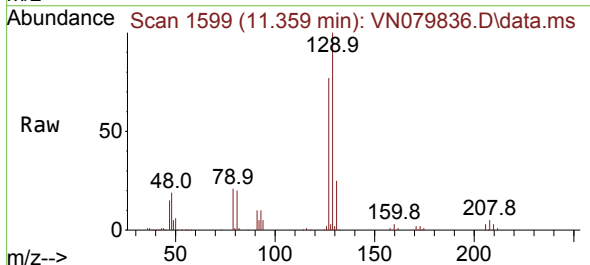
Instrument :
MSVOA_N
ClientSampleId :

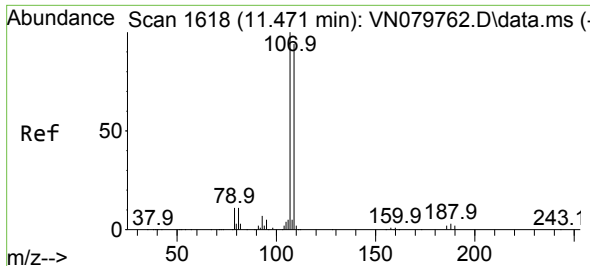
Tgt Ion: 43 Resp: 958647
Ion Ratio Lower Upper
43 100
58 53.6 31.7 95.1



#60
Dibromochloromethane
Concen: 51.853 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

Tgt Ion:129 Resp: 218566
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0

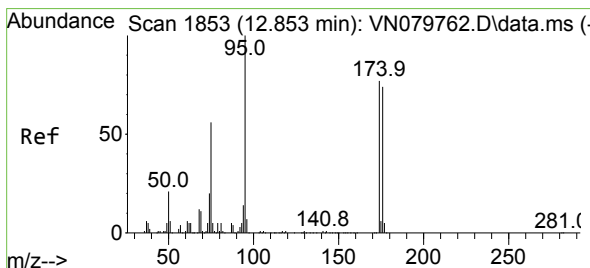
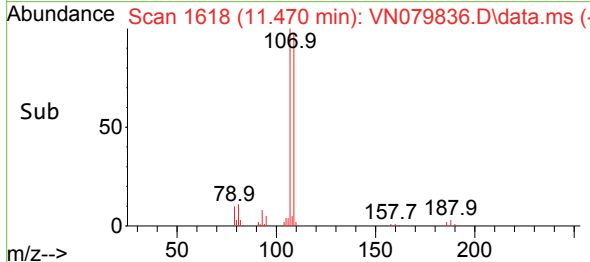
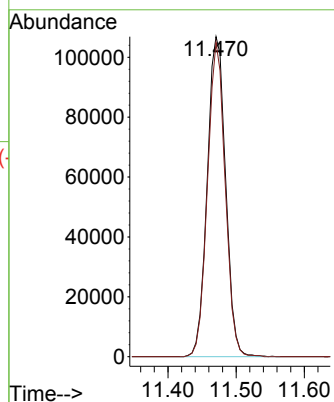
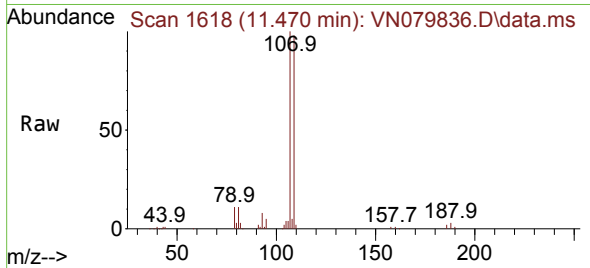




#61
1,2-Dibromoethane
Concen: 50.743 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

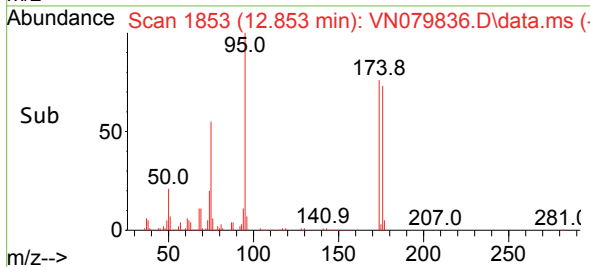
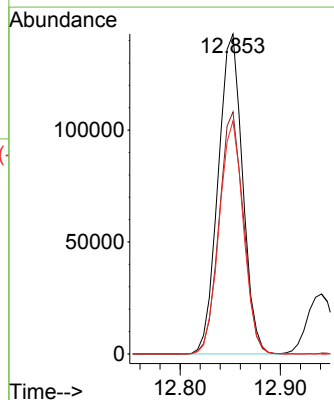
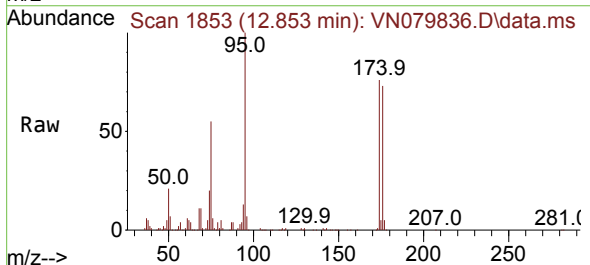
Instrument :
MSVOA_N
ClientSampleId :

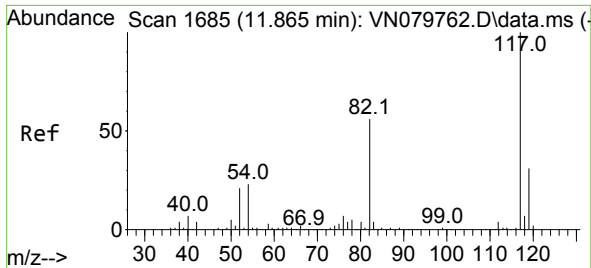
Tgt Ion:107 Resp: 200558
Ion Ratio Lower Upper
107 100
109 94.5 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 51.240 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

Tgt Ion: 95 Resp: 241584
Ion Ratio Lower Upper
95 100
174 75.2 0.0 143.8
176 72.3 0.0 135.8

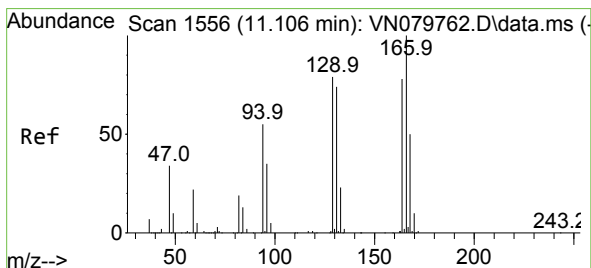
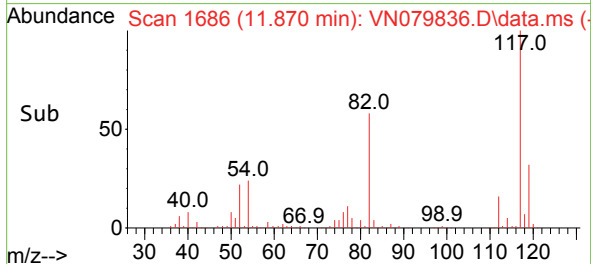
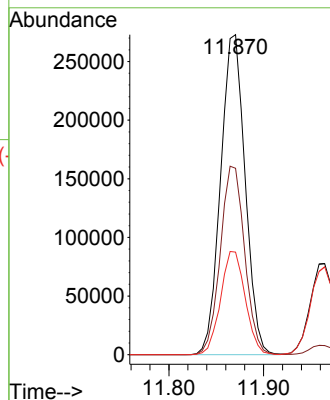
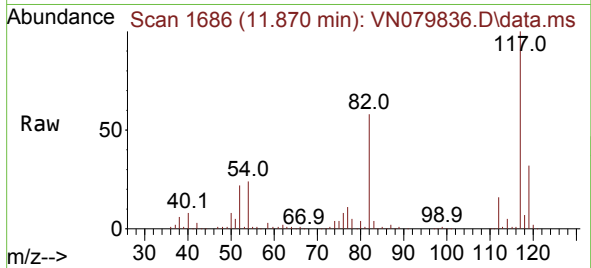




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

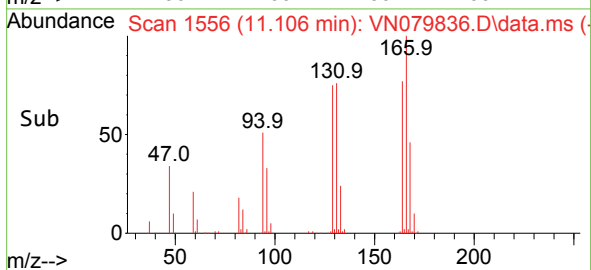
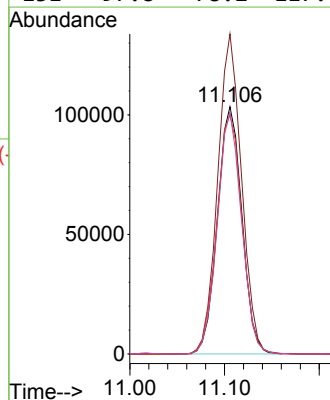
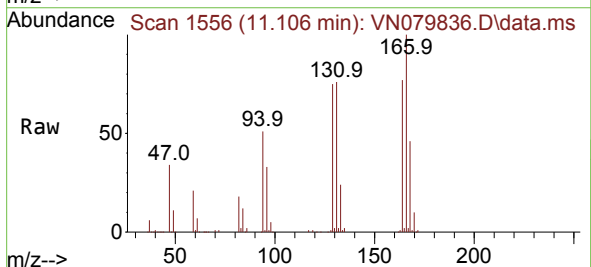
Instrument :
MSVOA_N
ClientSampleId :

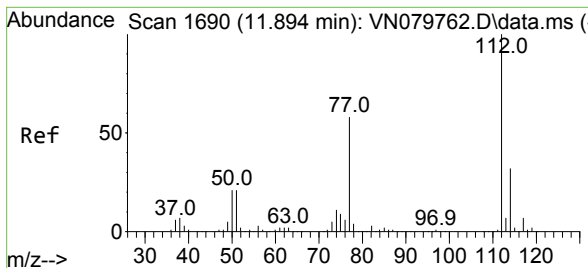
Tgt Ion:117 Resp: 491201
Ion Ratio Lower Upper
117 100
82 58.2 44.0 66.0
119 32.1 25.6 38.4



#64
Tetrachloroethene
Concen: 58.386 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

Tgt Ion:164 Resp: 185741
Ion Ratio Lower Upper
164 100
166 129.4 101.4 152.0
129 96.7 82.4 123.6
131 97.8 78.2 117.4

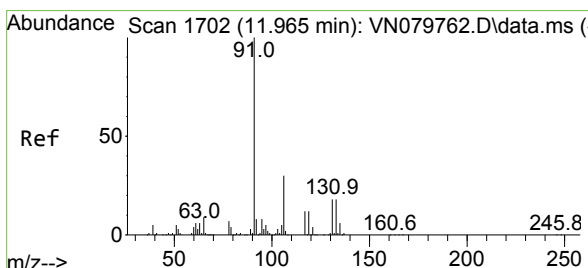
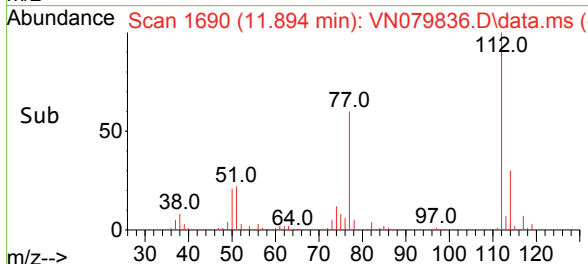
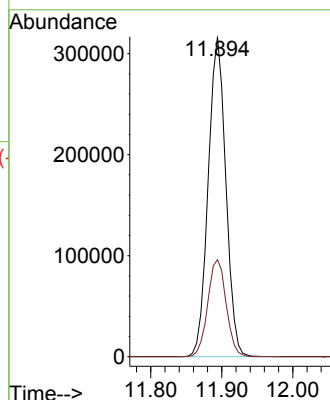
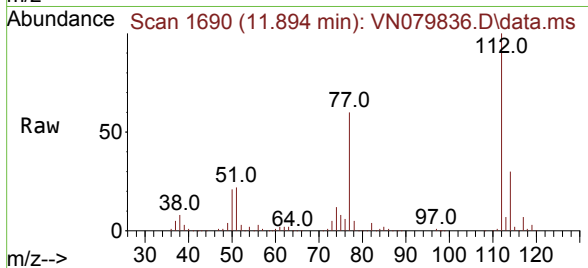




#65
Chlorobenzene
Concen: 51.158 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

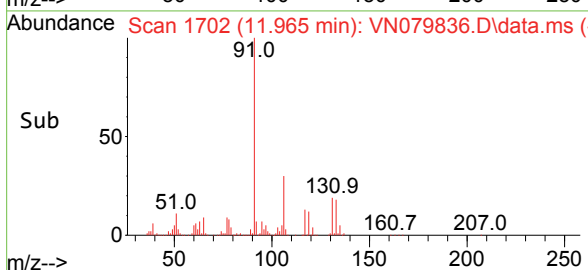
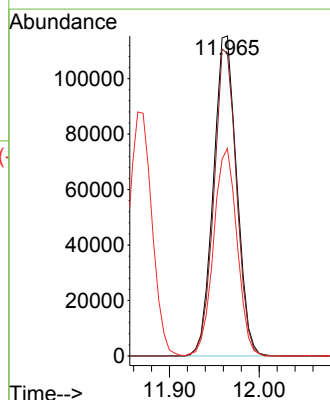
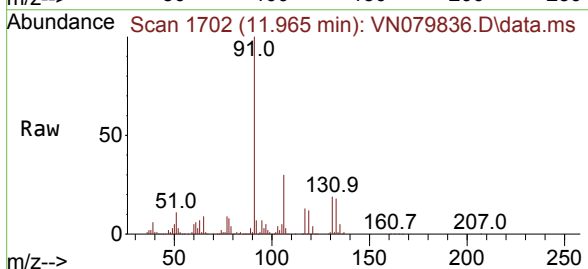
Instrument :
MSVOA_N
ClientSampleId :

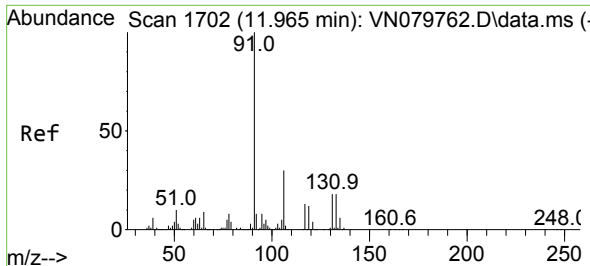
Tgt Ion:112 Resp: 545098
Ion Ratio Lower Upper
112 100
114 30.3 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 54.223 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

Tgt Ion:131 Resp: 208160
Ion Ratio Lower Upper
131 100
133 93.2 46.4 139.1
119 65.2 34.1 102.2

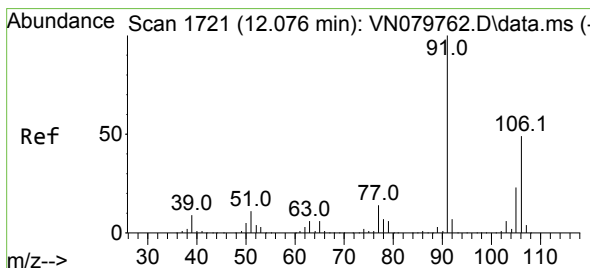
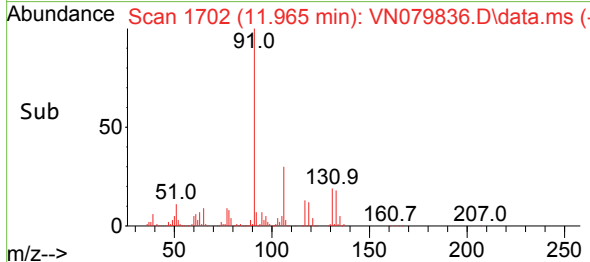
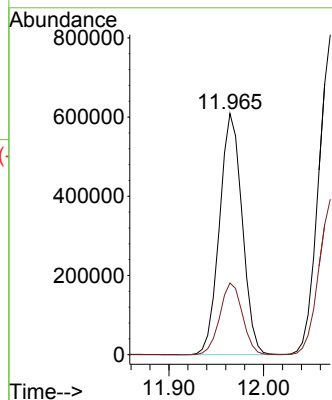
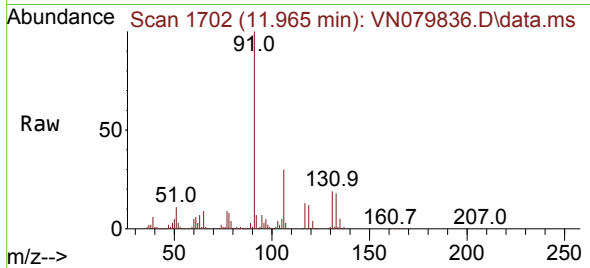




#67
Ethyl Benzene
Concen: 54.614 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

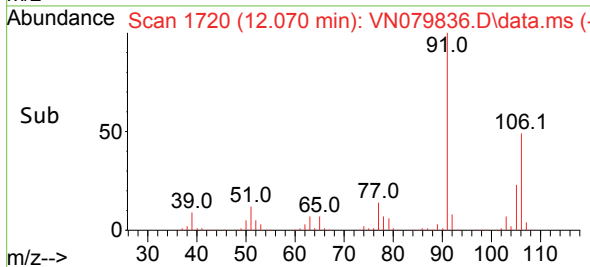
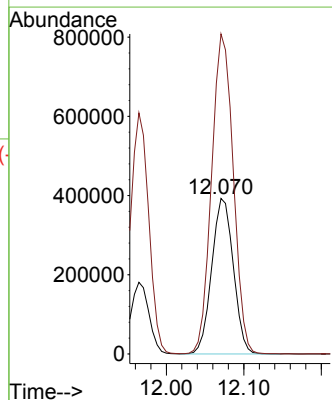
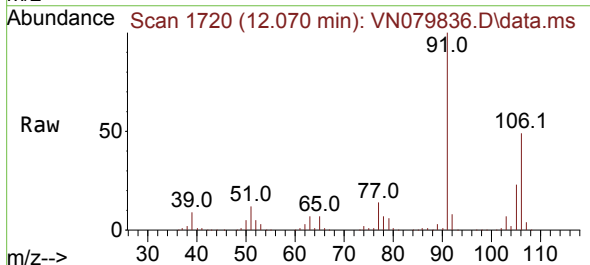
Instrument :
MSVOA_N
ClientSampleId :

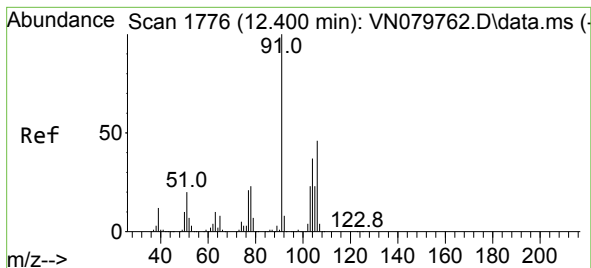
Tgt Ion: 91 Resp: 1013841
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4



#68
m/p-Xylenes
Concen: 109.975 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

Tgt Ion:106 Resp: 760515
Ion Ratio Lower Upper
106 100
91 206.5 159.6 239.4





#69

o-Xylene

Concen: 54.818 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN079836.D

Acq: 03 Nov 2023 09:30

Instrument :

MSVOA_N

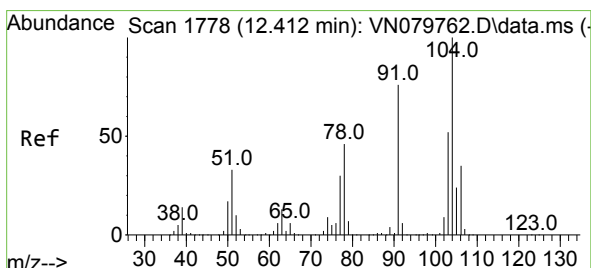
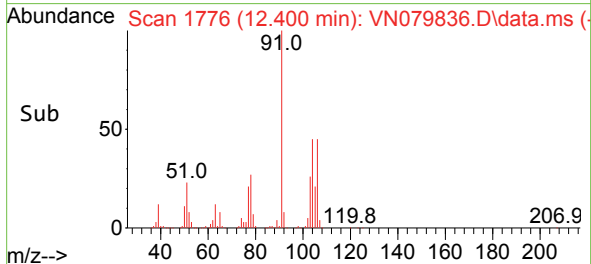
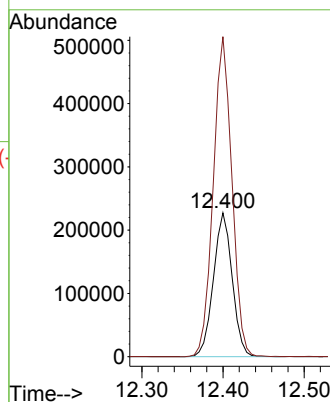
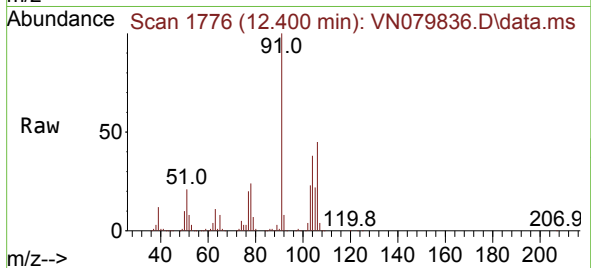
ClientSampleId :

Tgt Ion:106 Resp: 365041

Ion Ratio Lower Upper

106 100

91 221.5 105.2 315.5



#70

Styrene

Concen: 57.773 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN079836.D

Acq: 03 Nov 2023 09:30

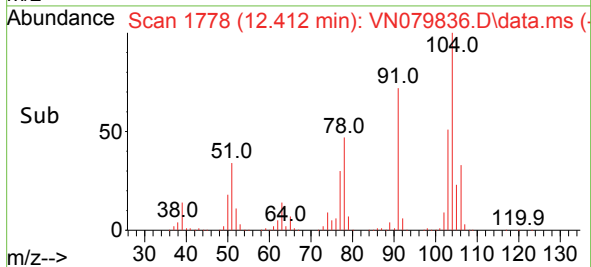
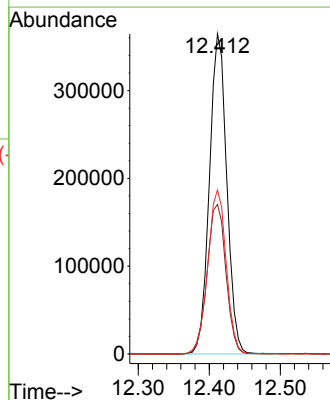
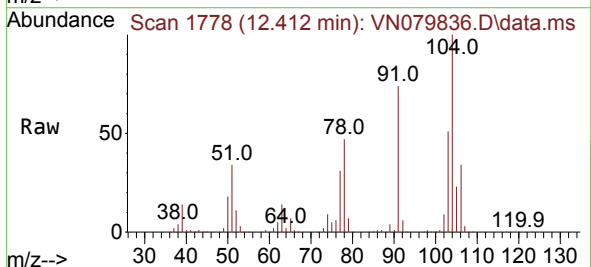
Tgt Ion:104 Resp: 618273

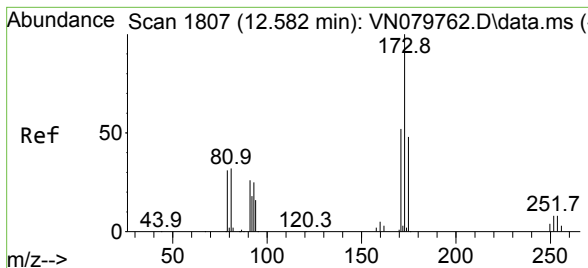
Ion Ratio Lower Upper

104 100

78 50.9 39.5 59.3

103 54.5 43.2 64.8

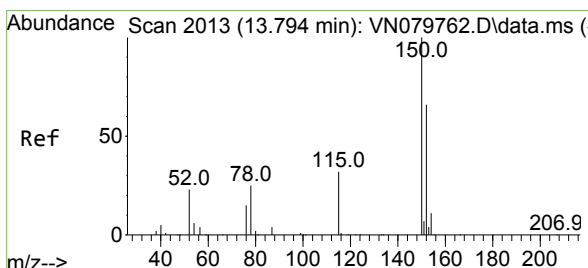
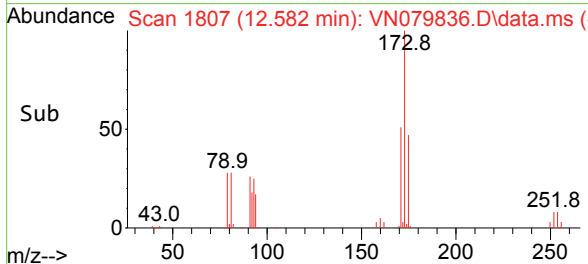
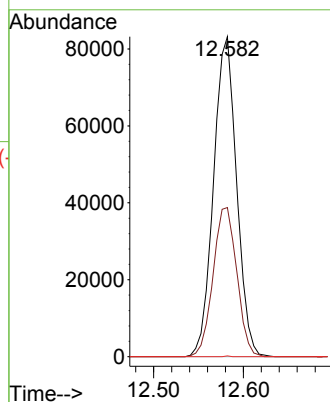
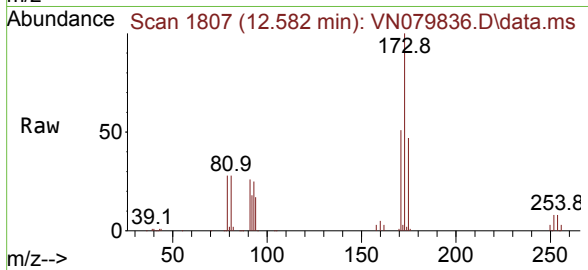




#71
Bromoform
Concen: 54.398 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

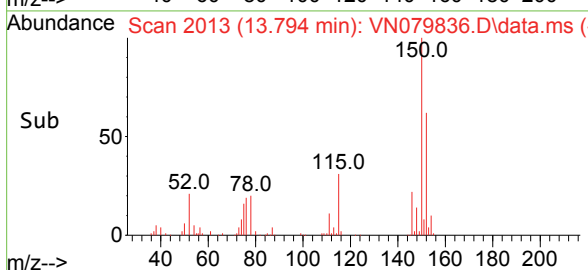
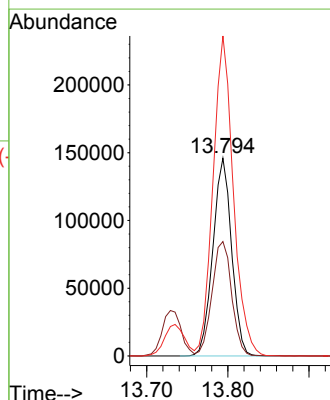
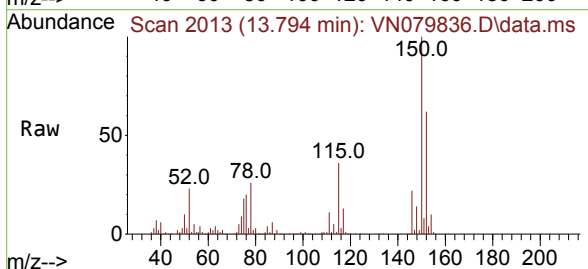
Instrument :
MSVOA_N
ClientSampleId :

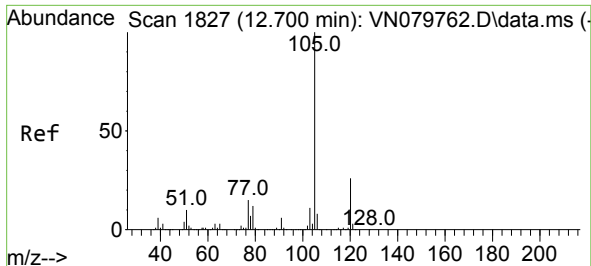
Tgt Ion:173 Resp: 148288
Ion Ratio Lower Upper
173 100
175 48.0 24.3 73.0
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

Tgt Ion:152 Resp: 234226
Ion Ratio Lower Upper
152 100
115 60.5 32.3 96.8
150 175.1 0.0 355.8

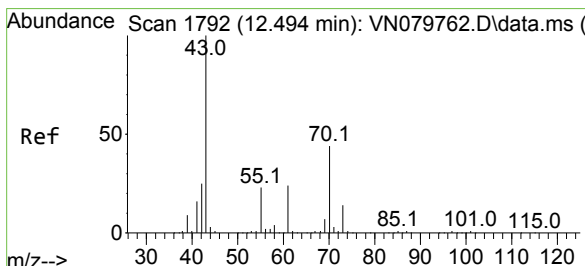
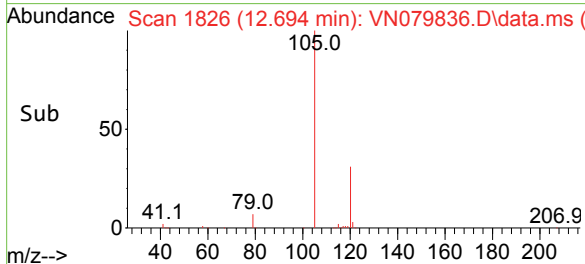
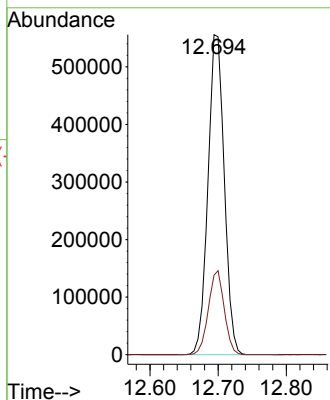
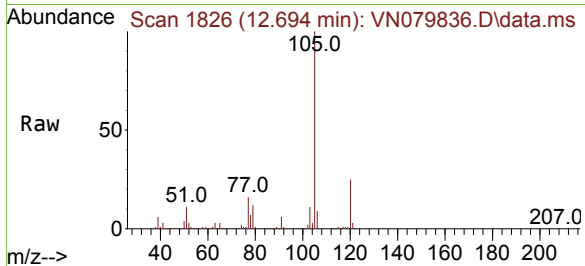




#73
Isopropylbenzene
Concen: 51.995 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

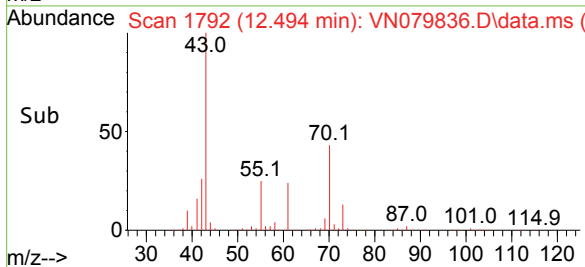
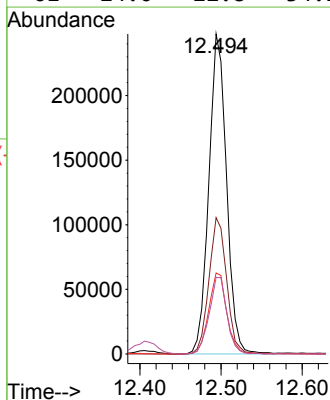
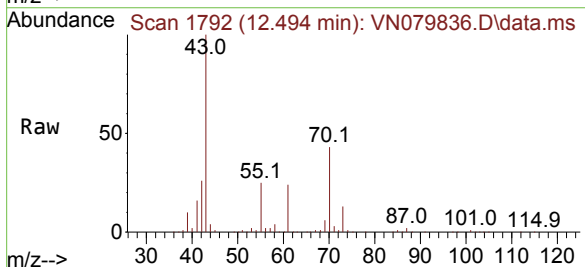
Instrument :
MSVOA_N
ClientSampleId :

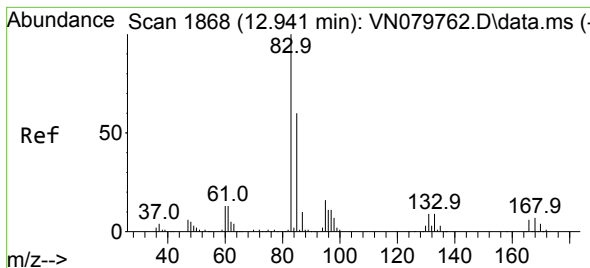
Tgt Ion:105 Resp: 924271
Ion Ratio Lower Upper
105 100
120 25.5 13.1 39.1



#74
N-ethyl acetate
Concen: 48.296 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

Tgt Ion: 43 Resp: 374740
Ion Ratio Lower Upper
43 100
70 42.7 43.4 65.2#
55 25.8 21.4 32.0
61 24.0 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 46.879 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN079836.D

Acq: 03 Nov 2023 09:30

Instrument :

MSVOA_N

ClientSampleId :

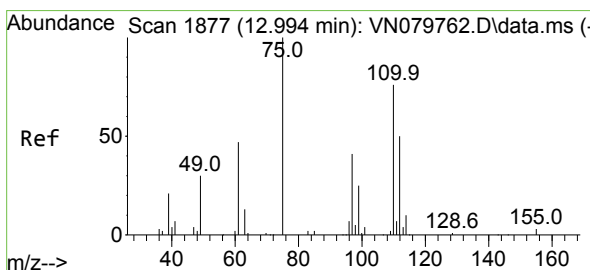
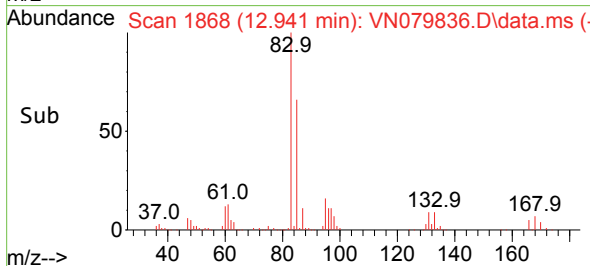
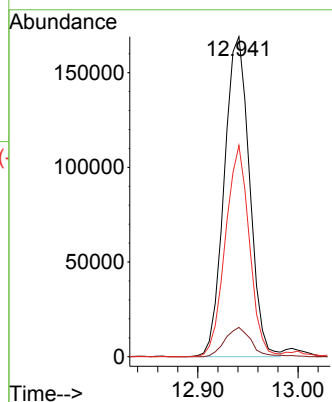
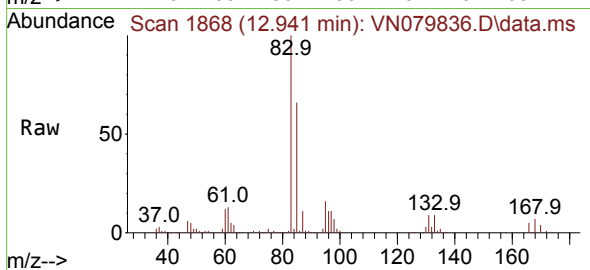
Tgt Ion: 83 Resp: 295465

Ion Ratio Lower Upper

83 100

131 9.6 5.0 15.0

85 62.7 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 66.405 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN079836.D

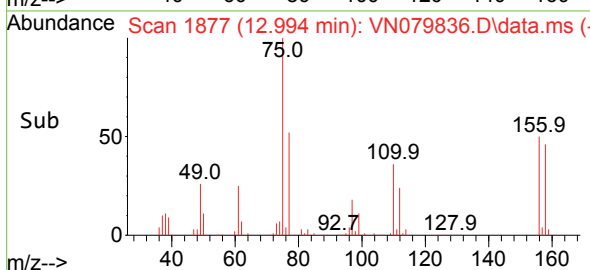
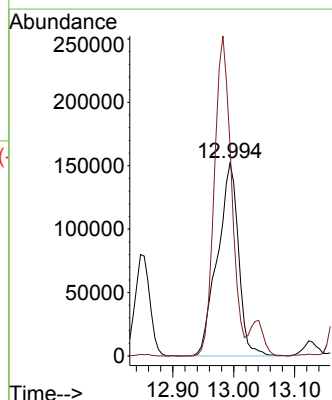
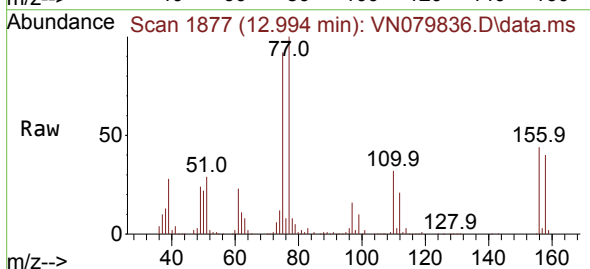
Acq: 03 Nov 2023 09:30

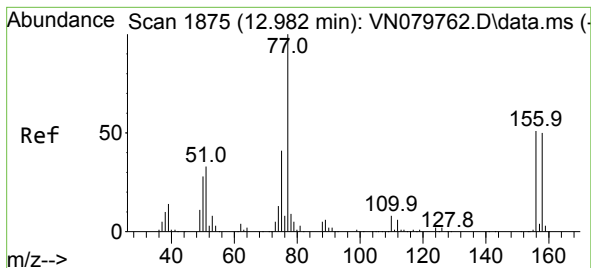
Tgt Ion: 75 Resp: 365157

Ion Ratio Lower Upper

75 100

77 134.1 84.5 253.5





#77

Bromobenzene

Concen: 50.085 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079836.D

Acq: 03 Nov 2023 09:30

Instrument :

MSVOA_N

ClientSampleId :

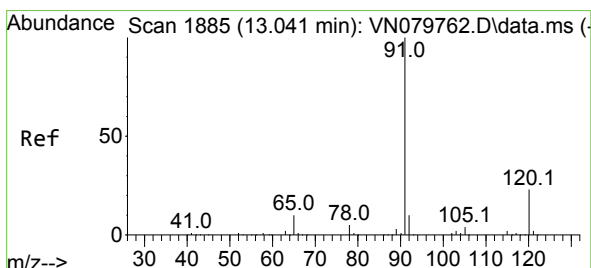
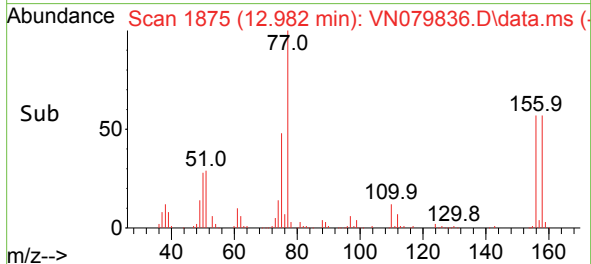
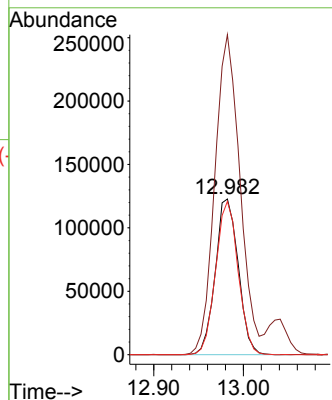
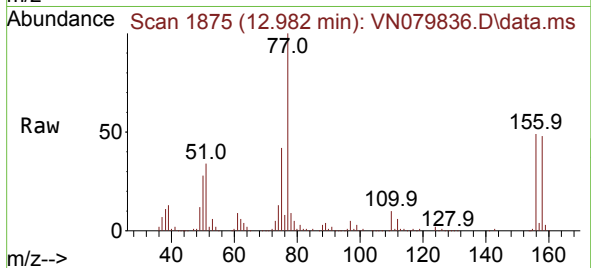
Tgt Ion:156 Resp: 217975

Ion Ratio Lower Upper

156 100

77 224.7 107.7 323.3

158 96.4 48.4 145.3



#78

n-propylbenzene

Concen: 54.006 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VN079836.D

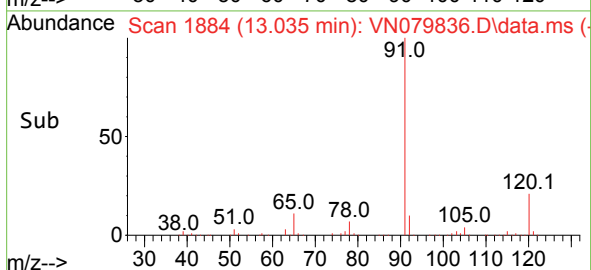
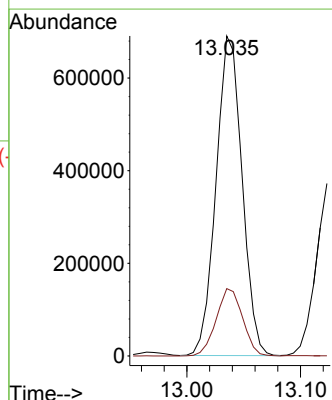
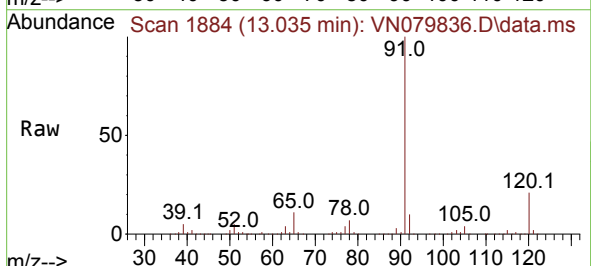
Acq: 03 Nov 2023 09:30

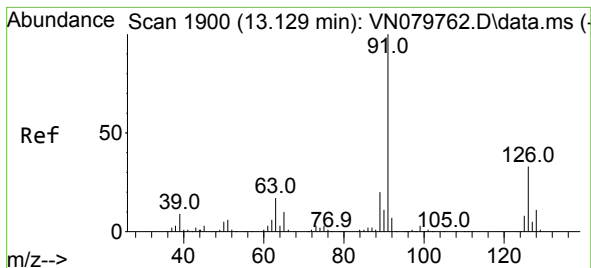
Tgt Ion: 91 Resp: 1099380

Ion Ratio Lower Upper

91 100

120 21.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 51.005 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079836.D

Acq: 03 Nov 2023 09:30

Instrument :

MSVOA_N

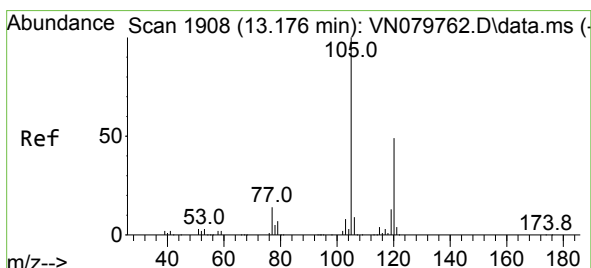
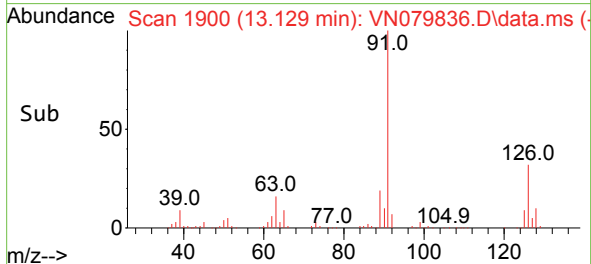
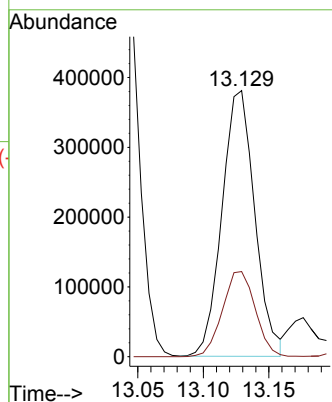
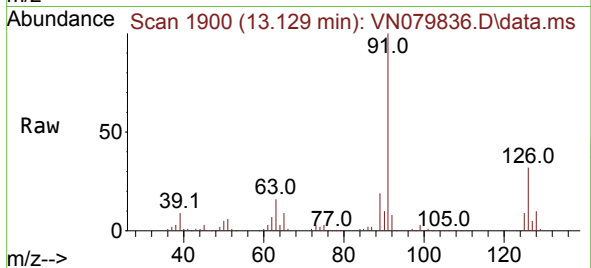
ClientSampleId :

Tgt Ion: 91 Resp: 663294

Ion Ratio Lower Upper

91 100

126 32.0 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 55.200 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079836.D

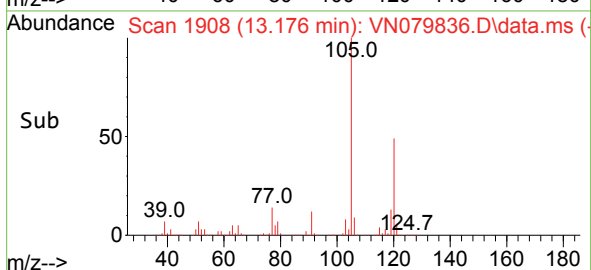
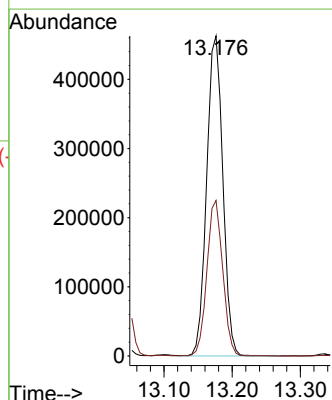
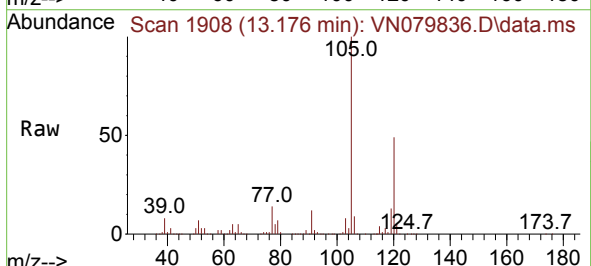
Acq: 03 Nov 2023 09:30

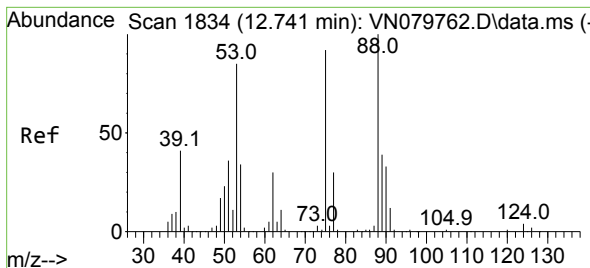
Tgt Ion:105 Resp: 763447

Ion Ratio Lower Upper

105 100

120 47.5 24.1 72.3

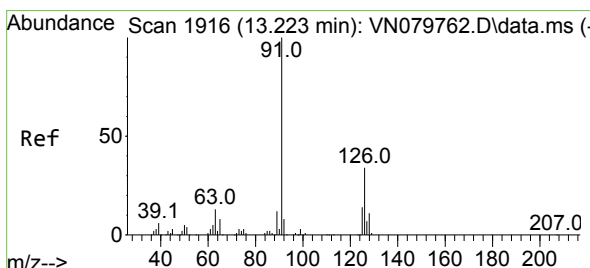
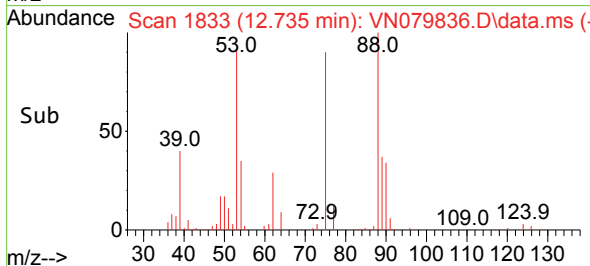
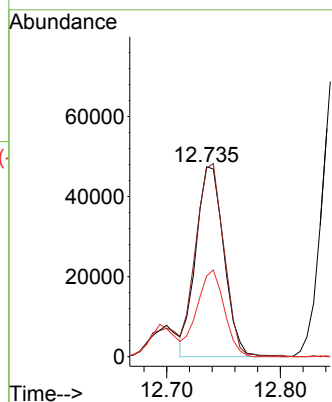
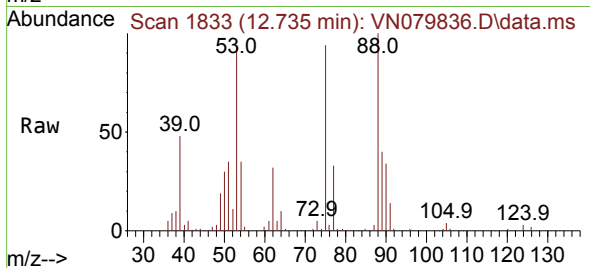




#81
trans-1,4-Dichloro-2-butene
Concen: 40.310 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

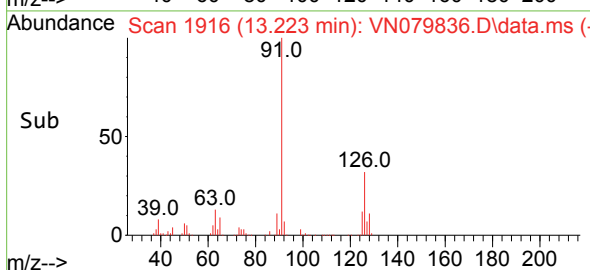
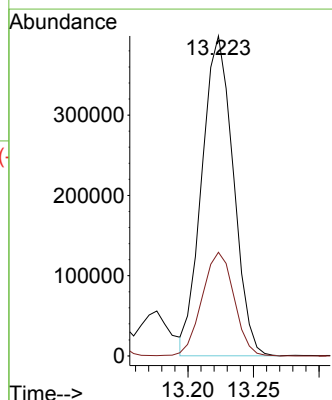
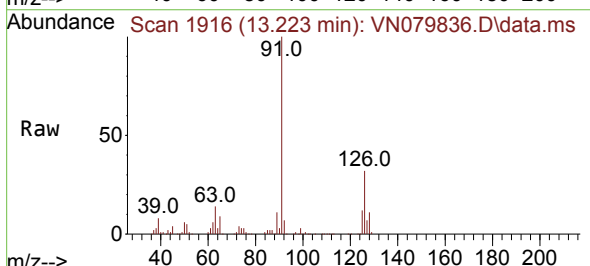
Instrument :
MSVOA_N
ClientSampleId :

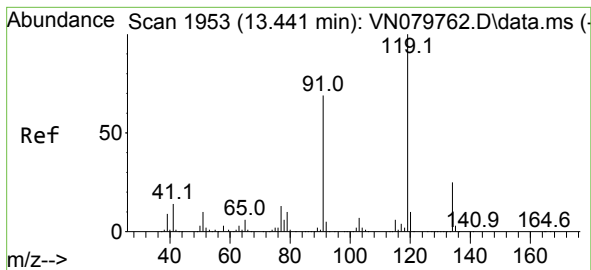
Tgt Ion: 75 Resp: 81471
Ion Ratio Lower Upper
75 100
53 118.0 67.4 101.2#
89 44.5 38.8 58.2



#82
4-Chlorotoluene
Concen: 51.503 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079836.D
Acq: 03 Nov 2023 09:30

Tgt Ion: 91 Resp: 665550
Ion Ratio Lower Upper
91 100
126 32.9 16.7 50.0





#83

tert-Butylbenzene

Concen: 54.968 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN079836.D

Acq: 03 Nov 2023 09:30

Instrument :

MSVOA_N

ClientSampleId :

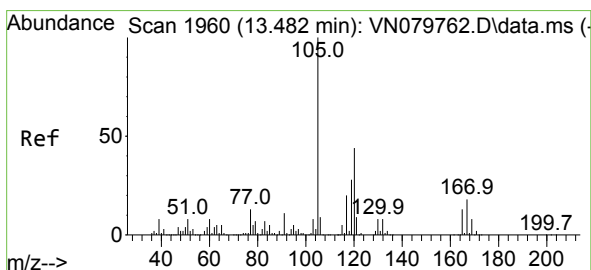
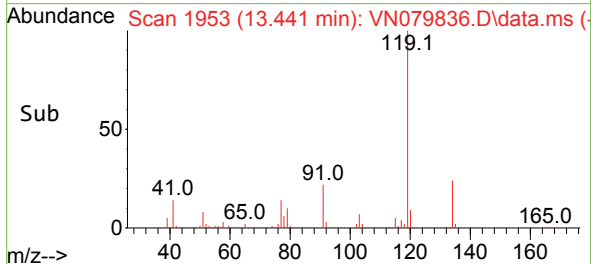
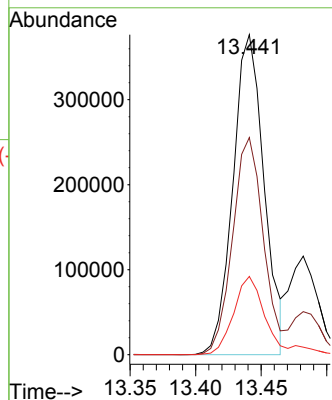
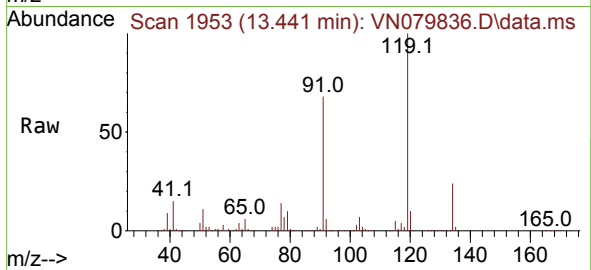
Tgt Ion:119 Resp: 622295

Ion Ratio Lower Upper

119 100

91 68.5 33.9 101.7

134 23.9 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 55.750 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN079836.D

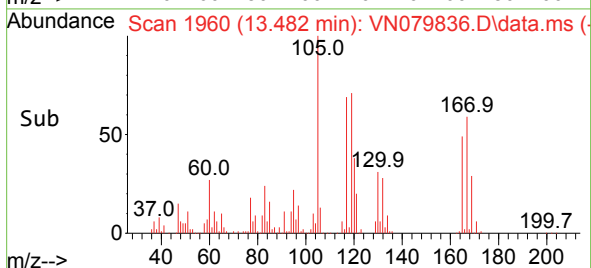
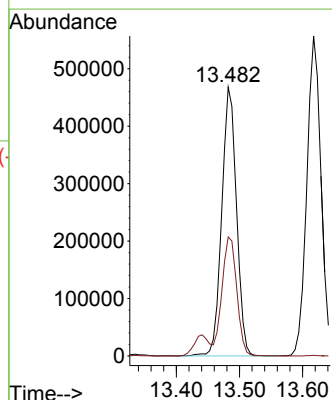
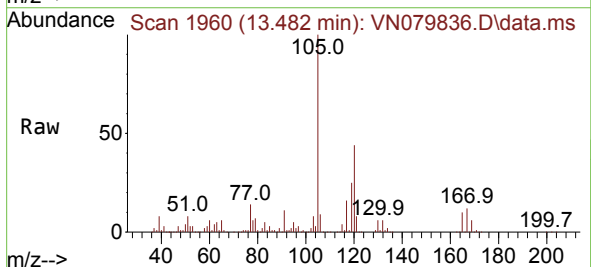
Acq: 03 Nov 2023 09:30

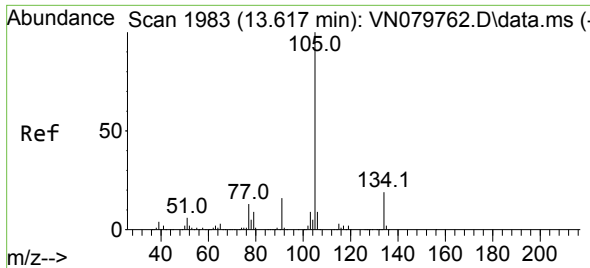
Tgt Ion:105 Resp: 758602

Ion Ratio Lower Upper

105 100

120 44.2 22.0 66.0

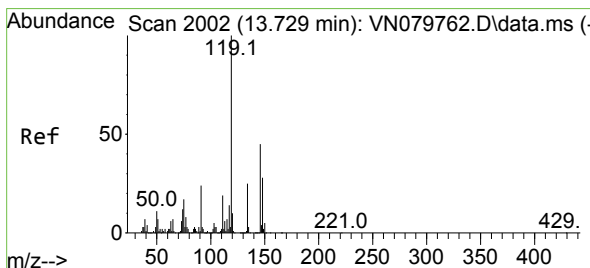
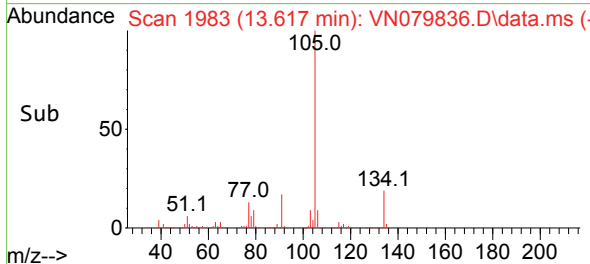
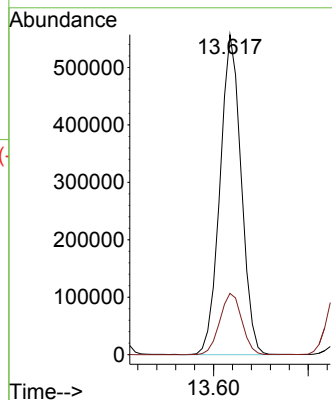
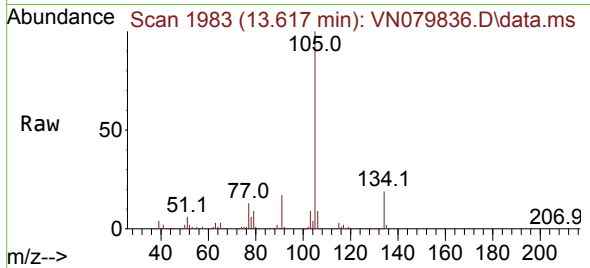




#85
 sec-Butylbenzene
 Concen: 55.347 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079836.D
 Acq: 03 Nov 2023 09:30

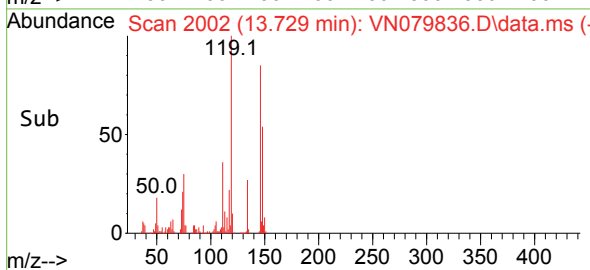
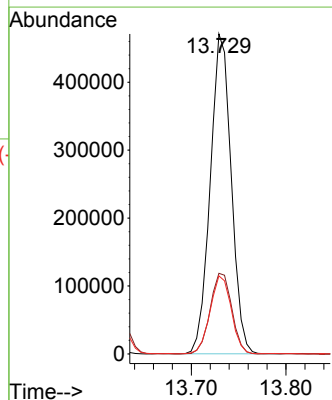
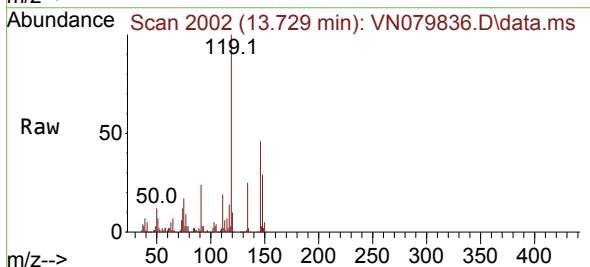
Instrument :
 MSVOA_N
 ClientSampleId :

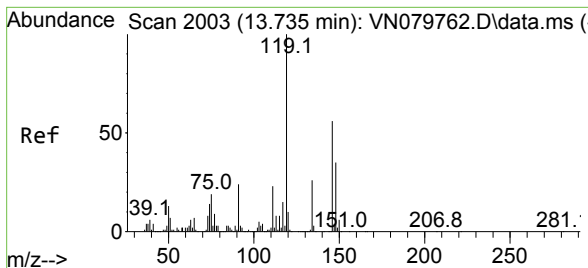
Tgt Ion:105 Resp: 868104
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 56.506 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN079836.D
 Acq: 03 Nov 2023 09:30

Tgt Ion:119 Resp: 722597
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.6 37.8
 91 24.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 50.124 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079836.D

Acq: 03 Nov 2023 09:30

Instrument :

MSVOA_N

ClientSampleId :

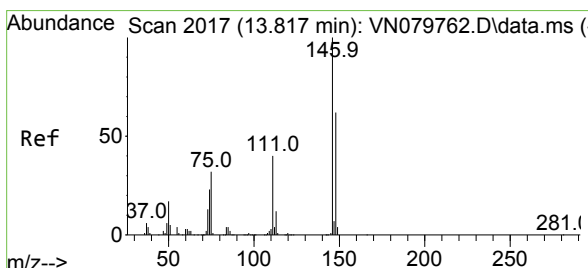
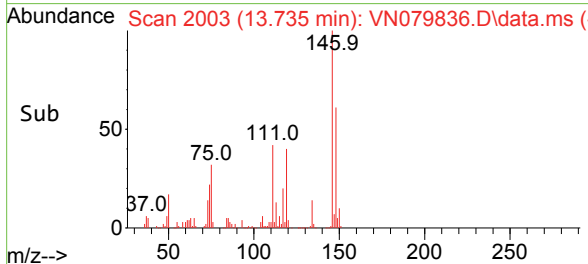
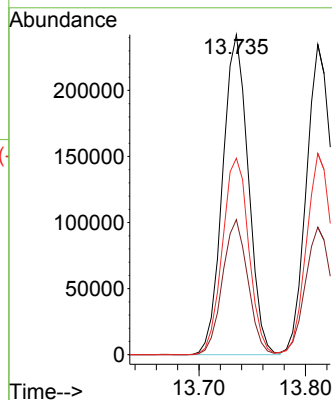
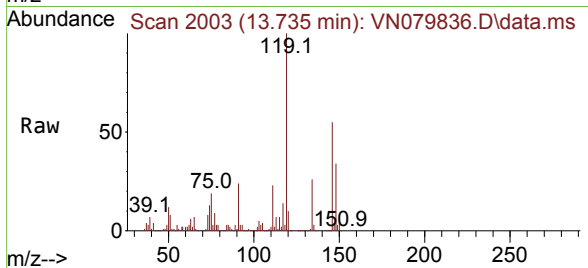
Tgt Ion:146 Resp: 405812

Ion Ratio Lower Upper

146 100

111 41.7 22.1 66.3

148 62.9 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 47.741 ug/l

RT: 13.811 min Scan# 2016

Delta R.T. -0.006 min

Lab File: VN079836.D

Acq: 03 Nov 2023 09:30

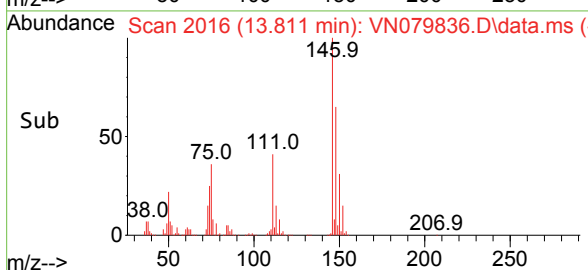
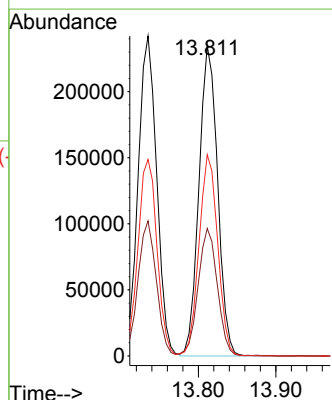
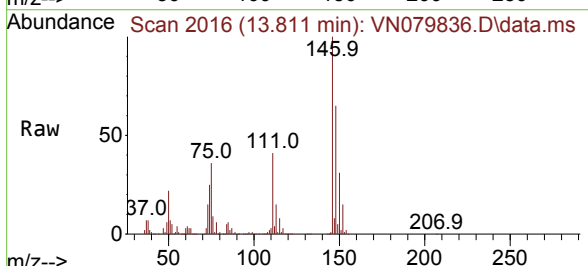
Tgt Ion:146 Resp: 392330

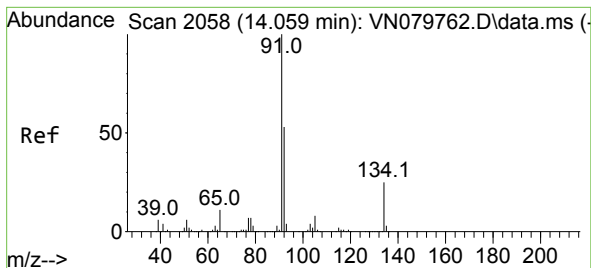
Ion Ratio Lower Upper

146 100

111 42.2 20.6 61.8

148 65.1 31.6 94.8





#89

n-Butylbenzene

Concen: 55.023 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079836.D

Acq: 03 Nov 2023 09:30

Instrument :

MSVOA_N

ClientSampleId :

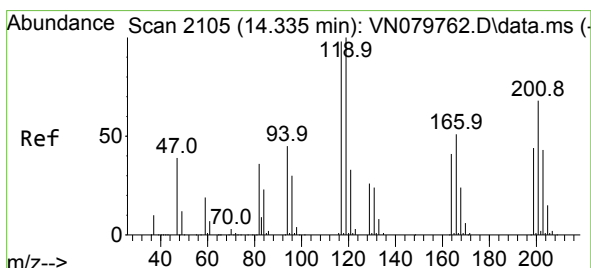
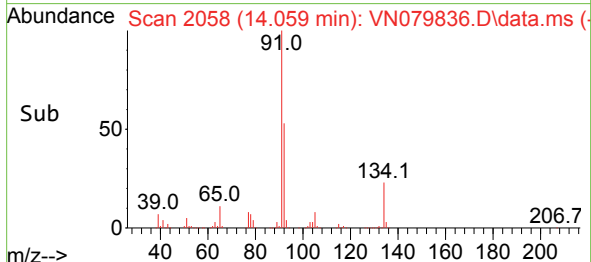
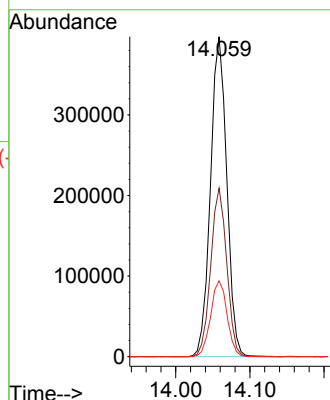
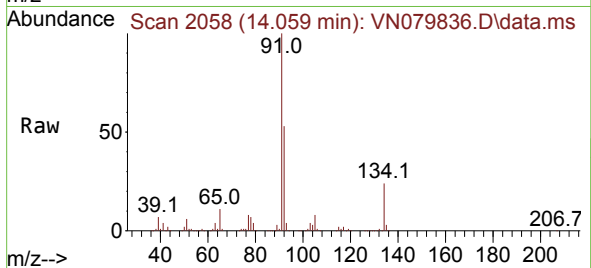
Tgt Ion: 91 Resp: 606031

Ion Ratio Lower Upper

91 100

92 51.8 26.4 79.0

134 23.9 12.6 37.6



#90

Hexachloroethane

Concen: 53.570 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079836.D

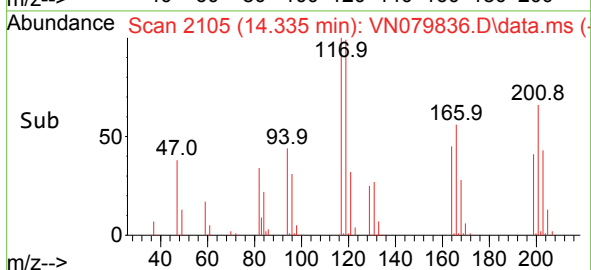
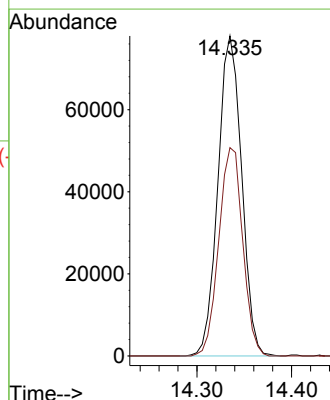
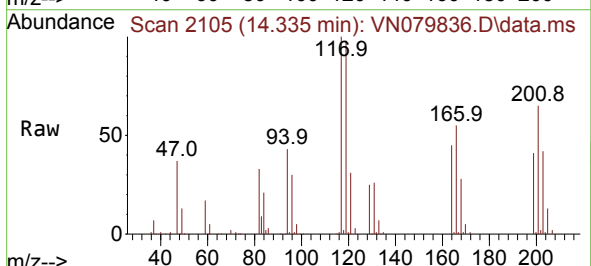
Acq: 03 Nov 2023 09:30

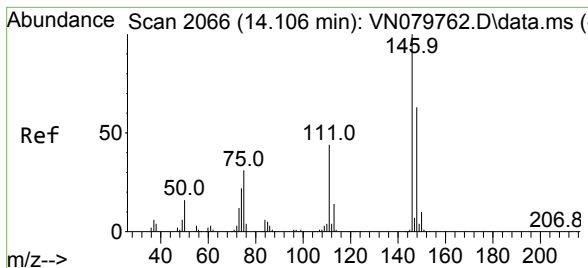
Tgt Ion: 117 Resp: 135670

Ion Ratio Lower Upper

117 100

201 65.7 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 50.185 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN079836.D

Acq: 03 Nov 2023 09:30

Instrument :

MSVOA_N

ClientSampleId :

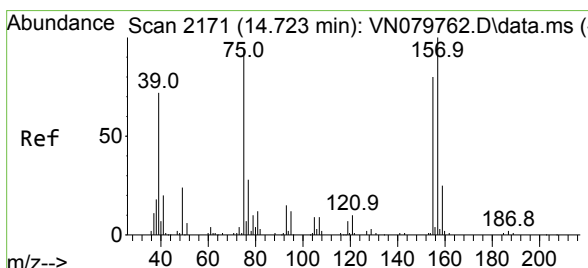
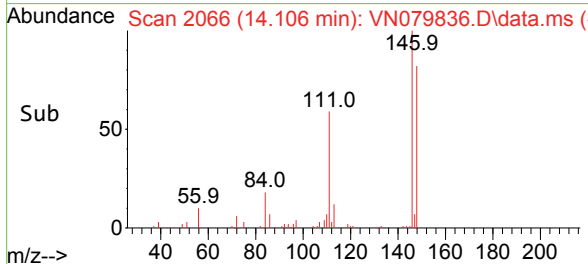
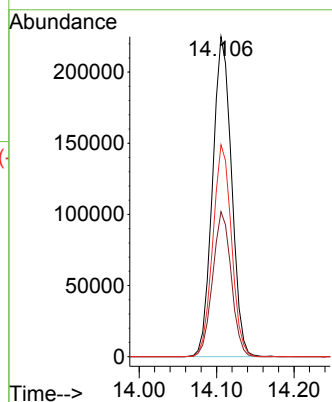
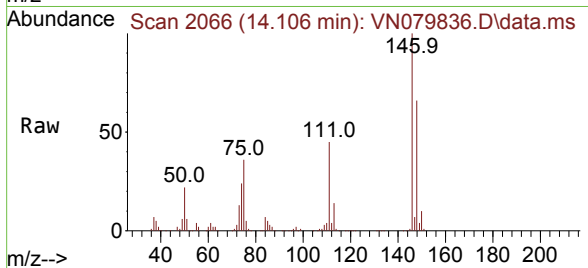
Tgt Ion:146 Resp: 383558

Ion Ratio Lower Upper

146 100

111 44.3 22.0 66.0

148 65.1 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.022 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN079836.D

Acq: 03 Nov 2023 09:30

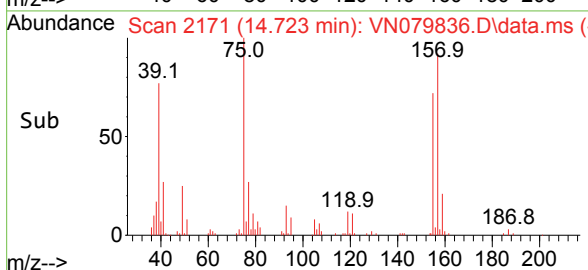
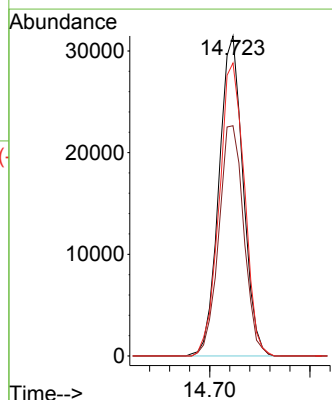
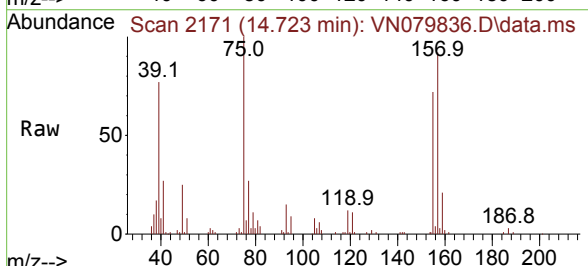
Tgt Ion: 75 Resp: 52396

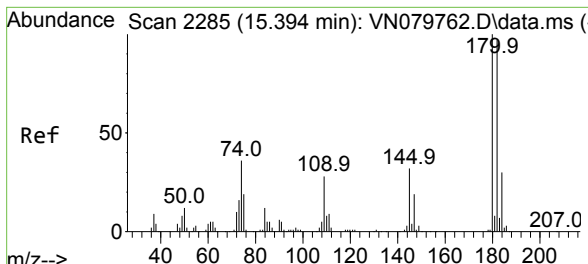
Ion Ratio Lower Upper

75 100

155 74.6 39.1 117.2

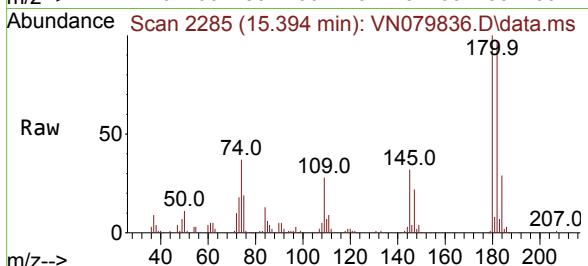
157 95.5 50.3 150.9



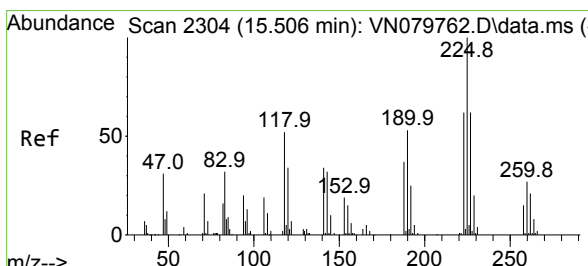
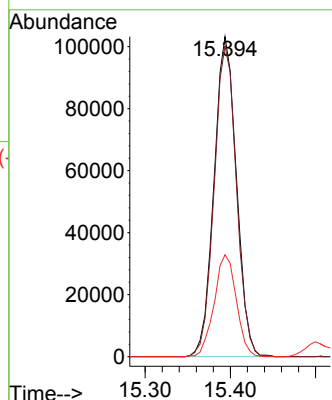
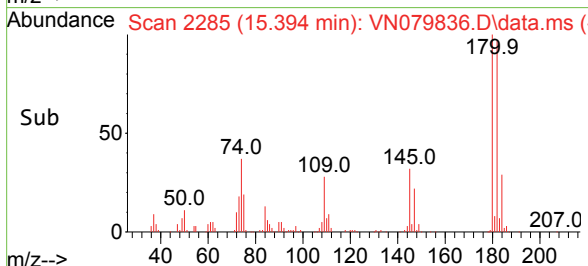


#93
 1,2,4-Trichlorobenzene
 Concen: 51.879 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN079836.D
 Acq: 03 Nov 2023 09:30

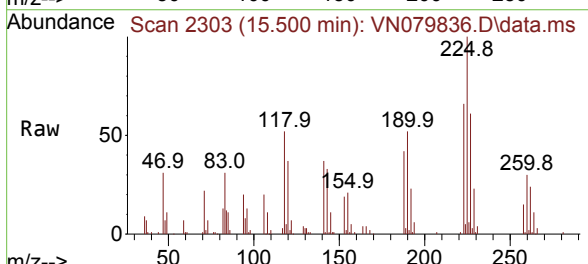
Instrument :
 MSVOA_N
 ClientSampleId :



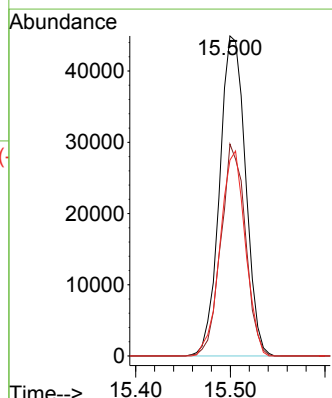
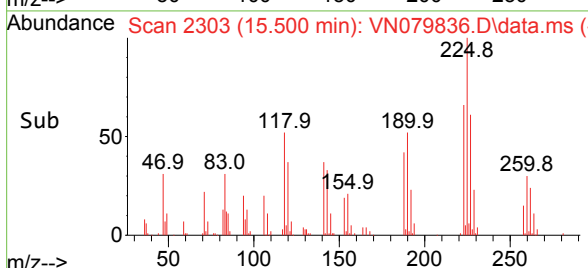
Tgt Ion:180 Resp: 188532
 Ion Ratio Lower Upper
 180 100
 182 96.4 46.1 138.2
 145 31.5 16.6 49.8

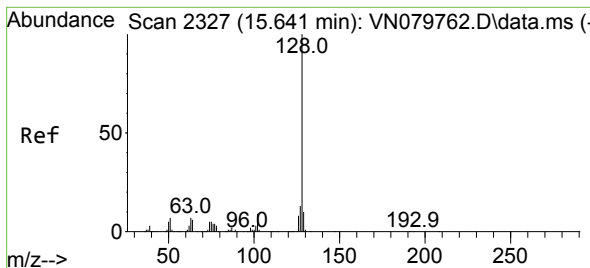


#94
 Hexachlorobutadiene
 Concen: 51.777 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.006 min
 Lab File: VN079836.D
 Acq: 03 Nov 2023 09:30



Tgt Ion:225 Resp: 85299
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.3 93.8
 227 62.3 31.9 95.9





#95

Naphthalene

Concen: 46.253 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN079836.D

Acq: 03 Nov 2023 09:30

Instrument :

MSVOA_N

ClientSampleId :

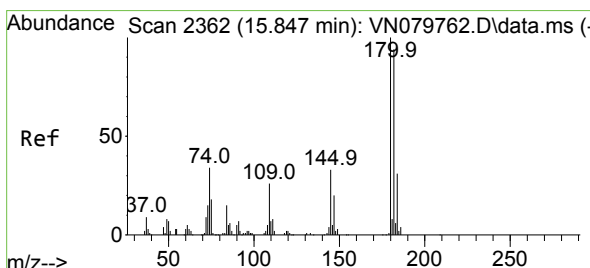
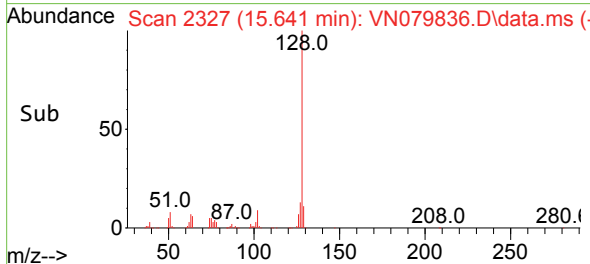
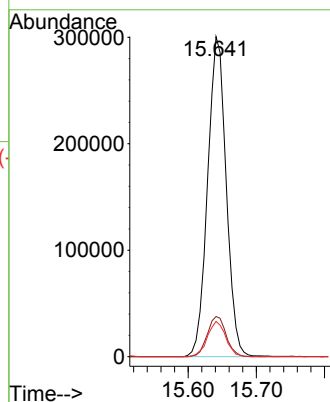
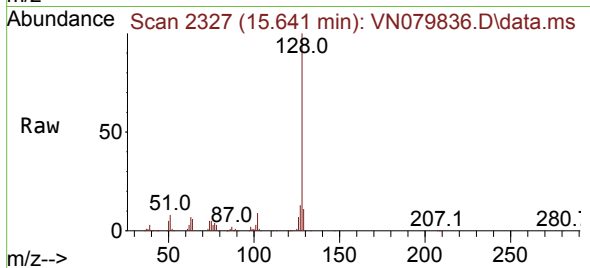
Tgt Ion:128 Resp: 570020

Ion Ratio Lower Upper

128 100

127 12.7 10.0 15.0

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 51.314 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN079836.D

Acq: 03 Nov 2023 09:30

Tgt Ion:180 Resp: 182792

Ion Ratio Lower Upper

180 100

182 93.3 46.2 138.6

145 33.9 17.5 52.6

