

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100423\
 Data File : VN079405.D
 Acq On : 04 Oct 2023 15:59
 Operator : JC\MD
 Sample : PB156087ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 05 02:22:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

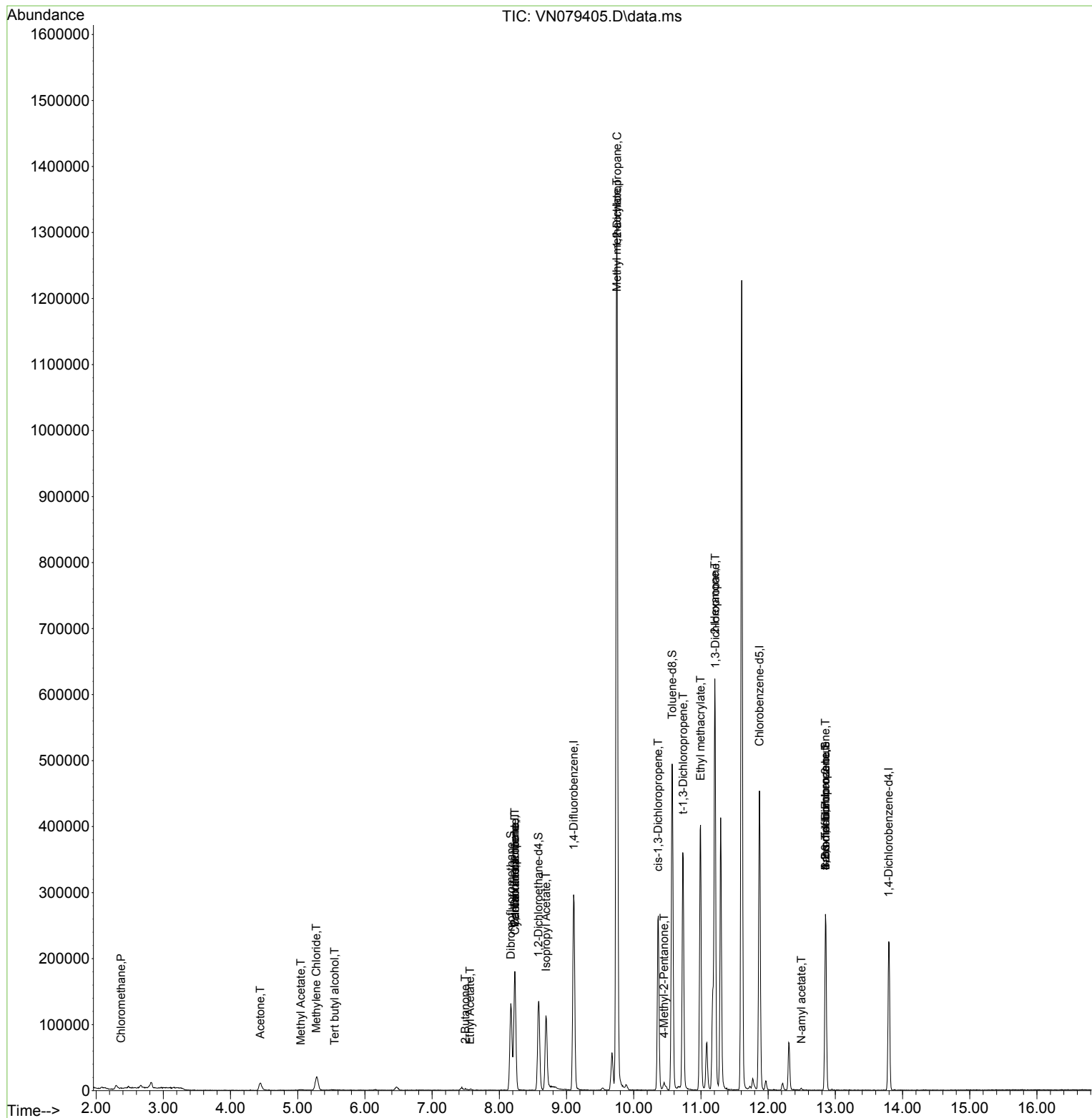
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	122350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	247447	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	248805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	60528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	109847	66.509	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 133.020%#	
35) Dibromofluoromethane	8.171	113	92836	56.402	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.800%	
50) Toluene-d8	10.571	98	338244	55.966	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.940%	
62) 4-Bromofluorobenzene	12.853	95	88370	45.839	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.680%	
Target Compounds						Qvalue
3) Chloromethane	2.371	50	502	0.316	ug/l	97
6) Chloroethane	3.107	64	449	Below Cal	#	43
11) Tert butyl alcohol	5.548	59	62	0.203	ug/l	# 72
16) Acetone	4.442	43	22716	32.384	ug/l	91
18) Methyl Acetate	5.048	43	2526	0.876	ug/l	# 42
20) Methylene Chloride	5.277	84	15878	9.302	ug/l	# 81
25) 2-Butanone	7.494	43	3851	3.784	ug/l	# 59
31) Cyclohexane	8.236	56	3489	1.447	ug/l	# 37
36) 1,1-Dichloropropene	8.230	75	12047	4.748	ug/l	# 47
37) Ethyl Acetate	7.565	43	3321	1.312	ug/l	# 65
38) Carbon Tetrachloride	8.230	117	13397	5.103	ug/l	# 16
43) Isopropyl Acetate	8.694	43	135447	32.804	ug/l	# 78
45) 1,2-Dichloropropane	9.753	63	1533	0.795	ug/l	# 45
48) Methyl methacrylate	9.747	41	124733	67.443	ug/l	# 29
51) 4-Methyl-2-Pentanone	10.453	43	11083	4.624	ug/l	# 70
53) t-1,3-Dichloropropene	10.735	75	744	0.263	ug/l	# 72
54) cis-1,3-Dichloropropene	10.365	75	45504	15.055	ug/l	# 65
56) Ethyl methacrylate	10.994	69	2452	0.927	ug/l	# 1
57) 1,3-Dichloropropane	11.212	76	5786	1.787	ug/l	# 42
59) 2-Hexanone	11.206	43	79613	45.859	ug/l	# 48
71) Bromoform	12.853	173	685	0.439	ug/l	# 28
74) N-amyl acetate	12.494	43	1354	0.648	ug/l	# 36
76) 1,2,3-Trichloropropane	12.853	75	49372	30.265	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.853	75	49372	83.206	ug/l	# 15

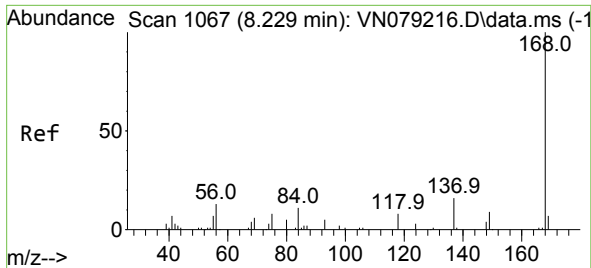
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100423\
Data File : VN079405.D
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Instrument :
MSVOA_N
ClientSampleId :

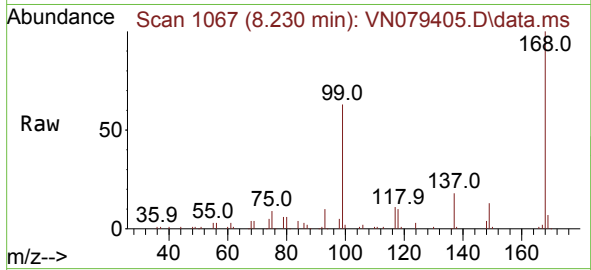
Quant Time: Oct 05 02:22:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
Response via : Initial Calibration



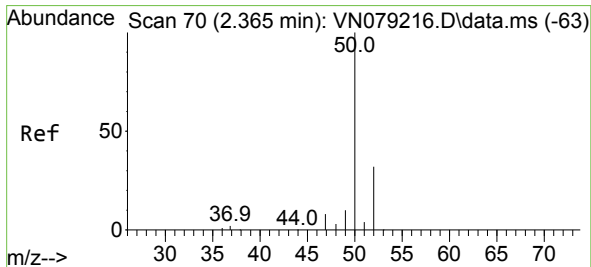
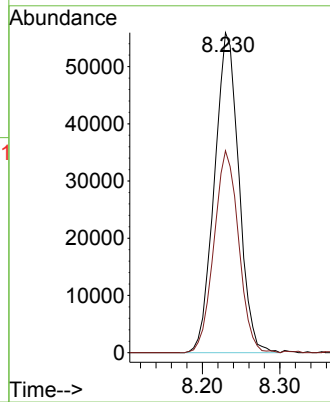
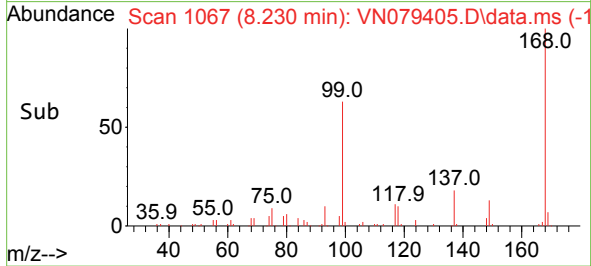


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079405.D
Acq: 04 Oct 2023 15:59

Instrument :
MSVOA_N
ClientSampleId :

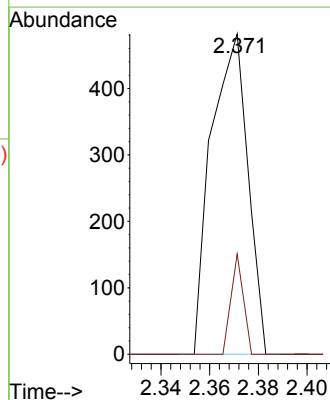
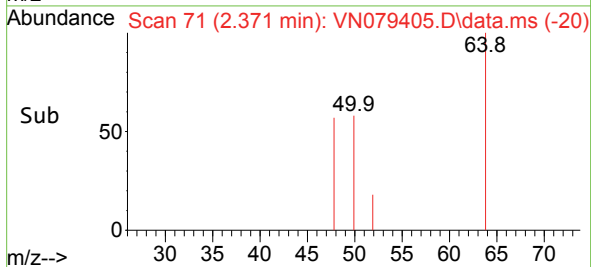
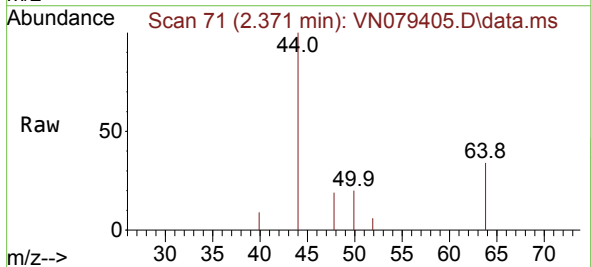


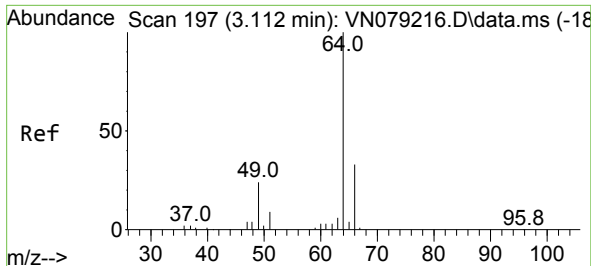
Tgt Ion:168 Resp: 122350
Ion Ratio Lower Upper
168 100
99 63.1 53.0 79.6



#3
Chloromethane
Concen: 0.316 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN079405.D
Acq: 04 Oct 2023 15:59

Tgt Ion: 50 Resp: 502
Ion Ratio Lower Upper
50 100
52 31.3 26.5 39.7

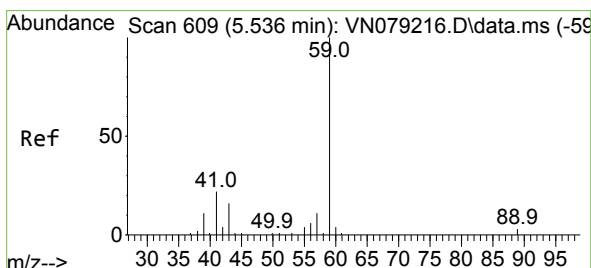
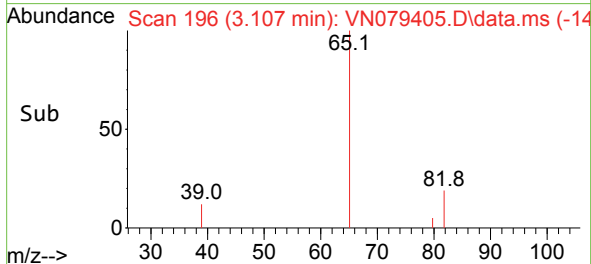
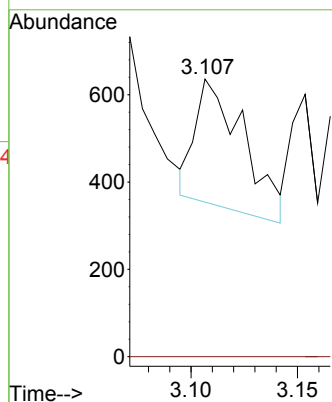
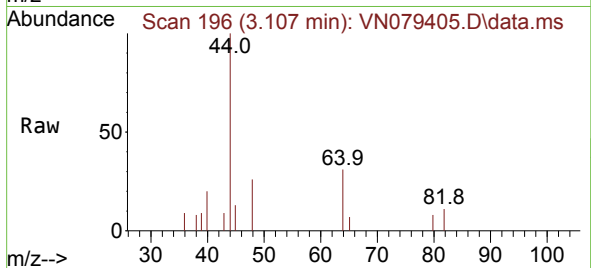




#6
Chloroethane
Concen: Below Cal
RT: 3.107 min Scan# 197
Delta R.T. -0.011 min
Lab File: VN079405.D
Acq: 04 Oct 2023 15:59

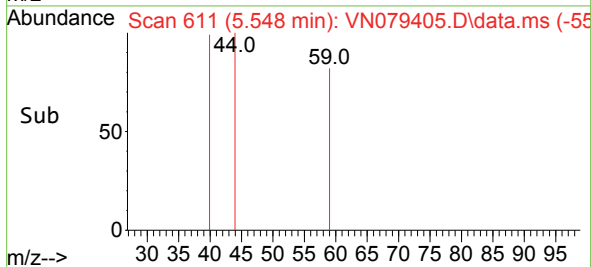
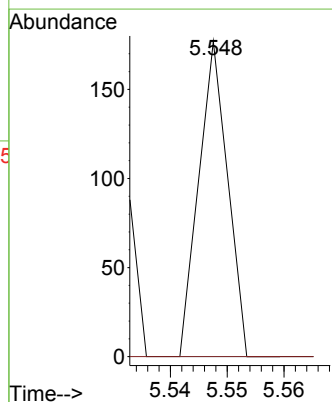
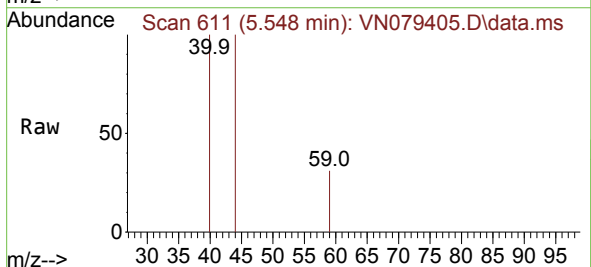
Instrument :
MSVOA_N
ClientSampleId :

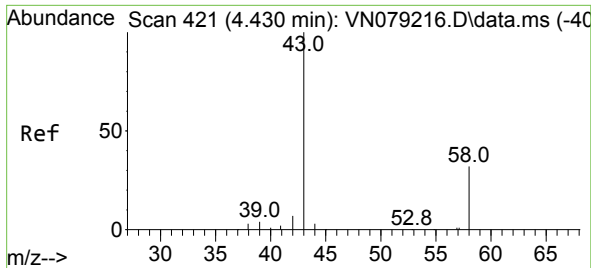
Tgt Ion: 64 Resp: 449
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#11
Tert butyl alcohol
Concen: 0.203 ug/l
RT: 5.548 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN079405.D
Acq: 04 Oct 2023 15:59

Tgt Ion: 59 Resp: 62
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

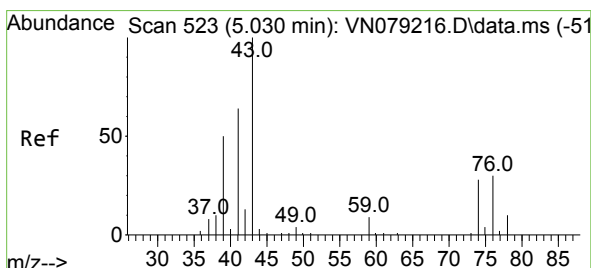
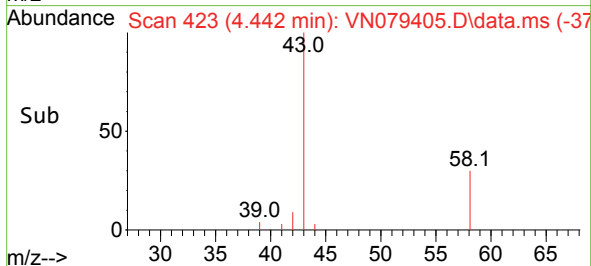
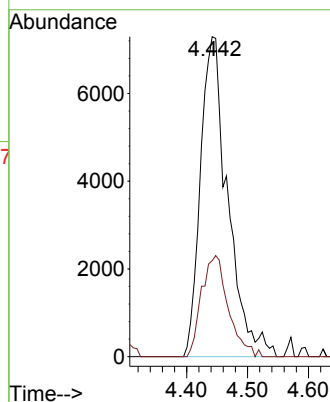
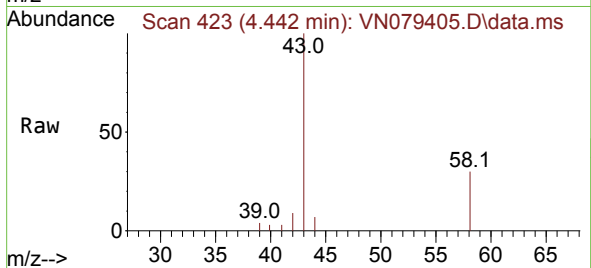




#16
Acetone
Concen: 32.384 ug/l
RT: 4.442 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN079405.D
Acq: 04 Oct 2023 15:59

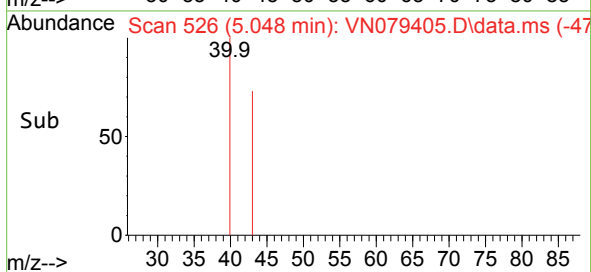
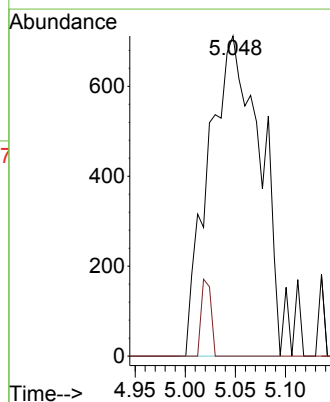
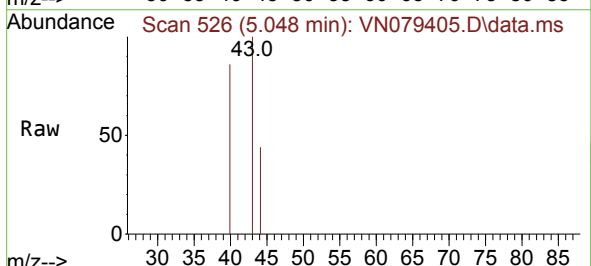
Instrument :
MSVOA_N
ClientSampleId :

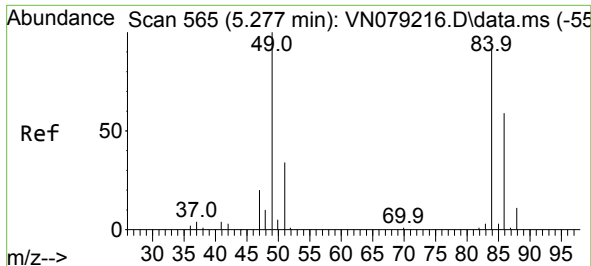
Tgt Ion: 43 Resp: 22716
Ion Ratio Lower Upper
43 100
58 30.0 28.0 42.0



#18
Methyl Acetate
Concen: 0.876 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN079405.D
Acq: 04 Oct 2023 15:59

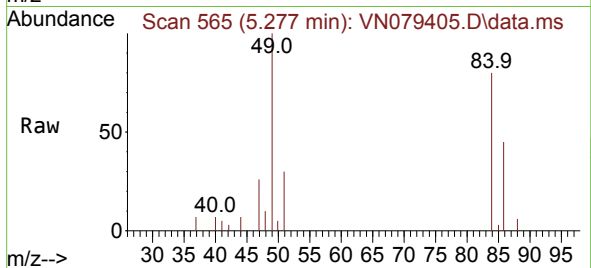
Tgt Ion: 43 Resp: 2526
Ion Ratio Lower Upper
43 100
74 0.0 26.2 39.4#





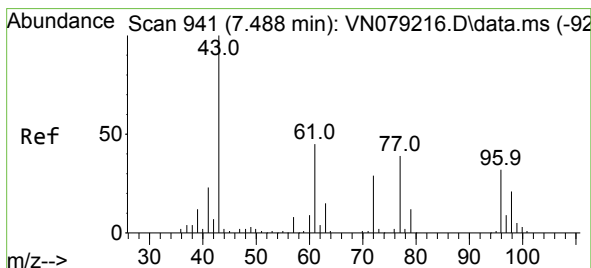
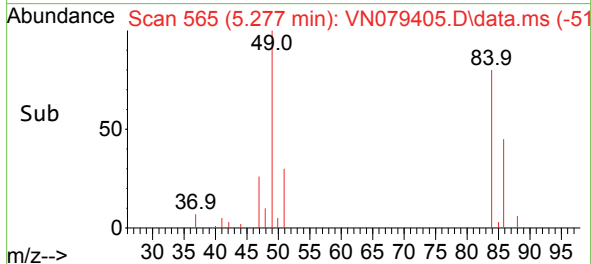
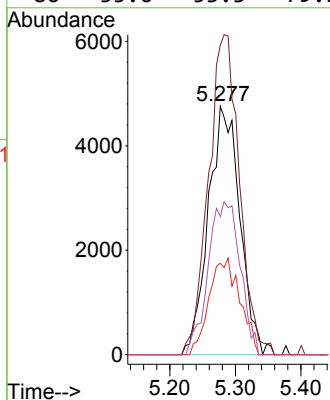
#20
Methylene Chloride
Concen: 9.302 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079405.D
Acq: 04 Oct 2023 15:59

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 15878

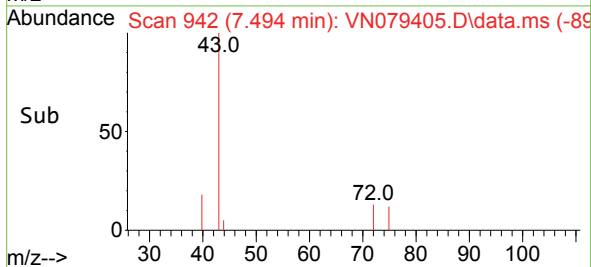
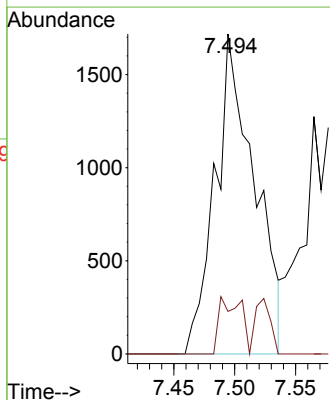
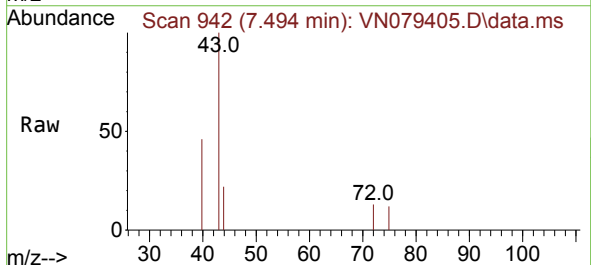
Ion	Ratio	Lower	Upper
84	100		
49	124.6	79.7	119.5#
51	36.8	25.2	37.8
86	55.6	53.3	79.9

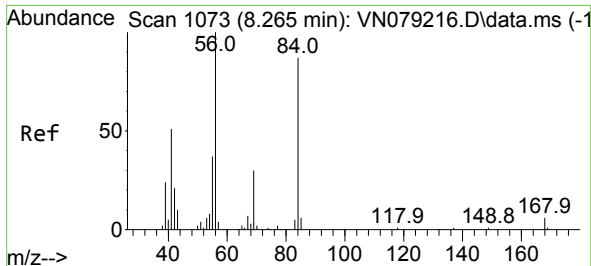


#25
2-Butanone
Concen: 3.784 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079405.D
Acq: 04 Oct 2023 15:59

Tgt Ion: 43 Resp: 3851

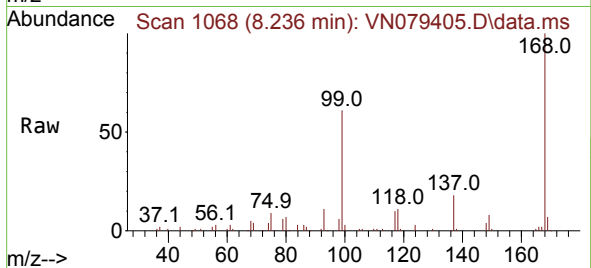
Ion	Ratio	Lower	Upper
43	100		
72	13.3	30.2	45.2#



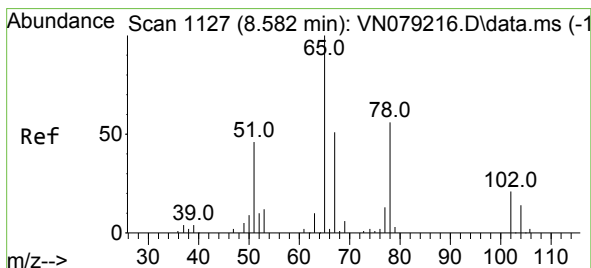
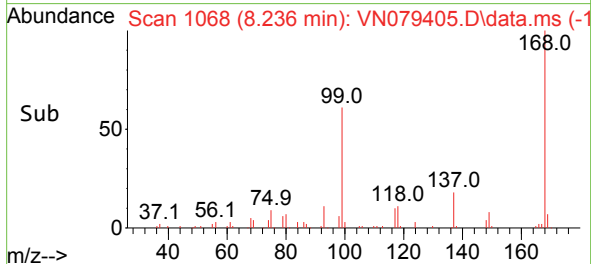
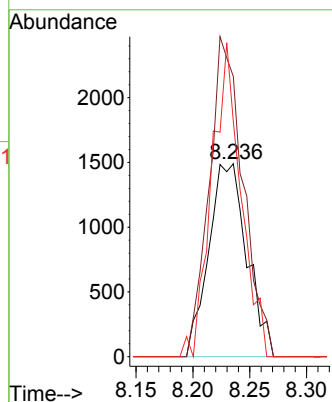


#31
Cyclohexane
Concen: 1.447 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.029 min
Lab File: VN079405.D
Acq: 04 Oct 2023 15:59

Instrument :
MSVOA_N
ClientSampleId :

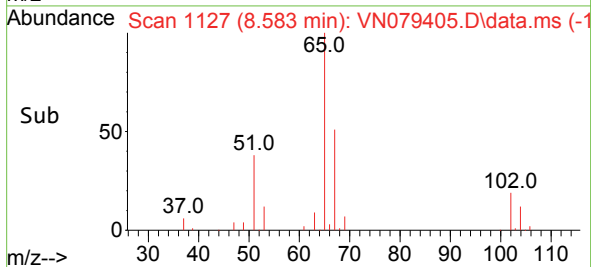
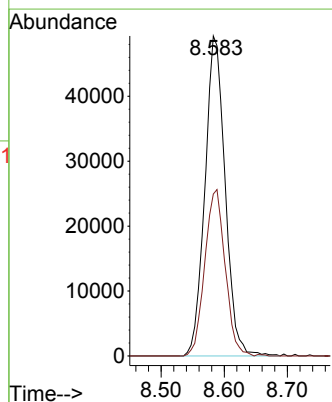
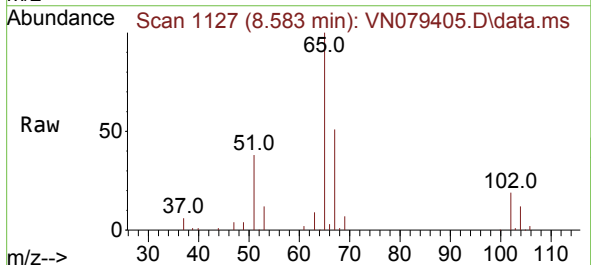


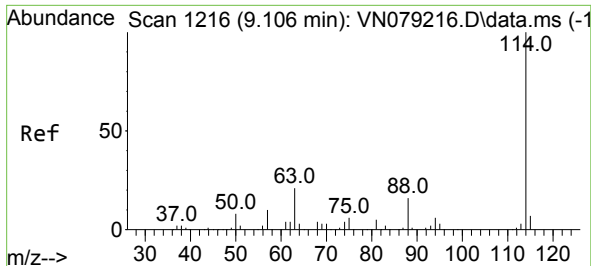
Tgt Ion: 56 Resp: 3489
Ion Ratio Lower Upper
56 100
69 145.3 26.8 40.2#
84 121.9 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 66.509 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079405.D
Acq: 04 Oct 2023 15:59

Tgt Ion: 65 Resp: 109847
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.6

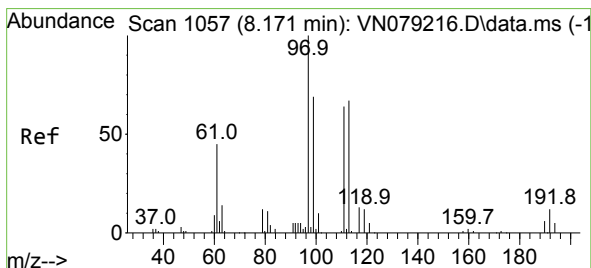
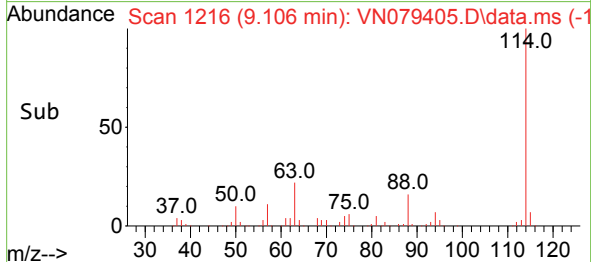
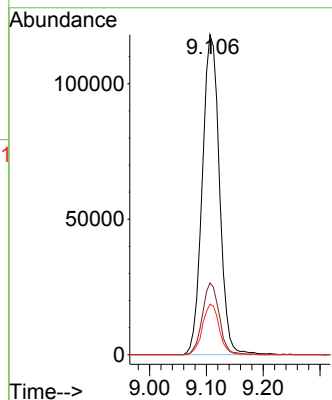
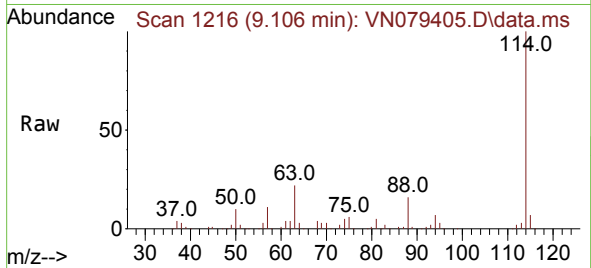




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079405.D
Acq: 04 Oct 2023 15:59

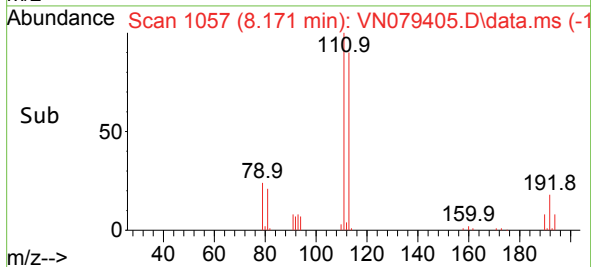
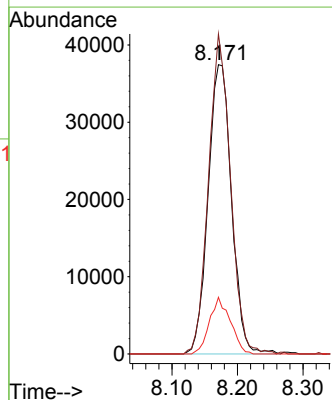
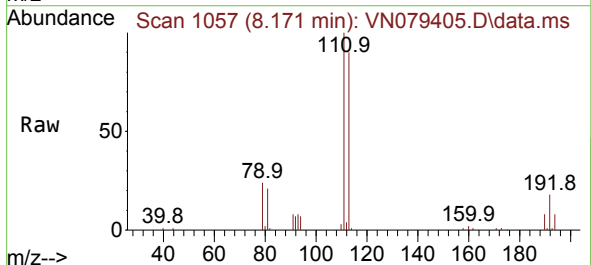
Instrument :
MSVOA_N
ClientSampleId :

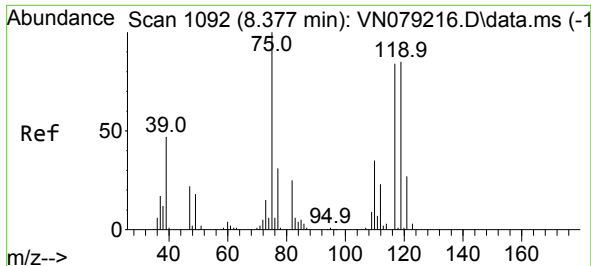
Tgt Ion:114 Resp: 247447
Ion Ratio Lower Upper
114 100
63 22.4 0.0 36.4
88 15.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 56.402 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079405.D
Acq: 04 Oct 2023 15:59

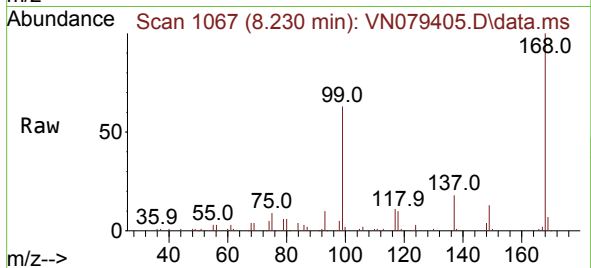
Tgt Ion:113 Resp: 92836
Ion Ratio Lower Upper
113 100
111 103.8 82.6 123.8
192 17.5 12.7 19.1



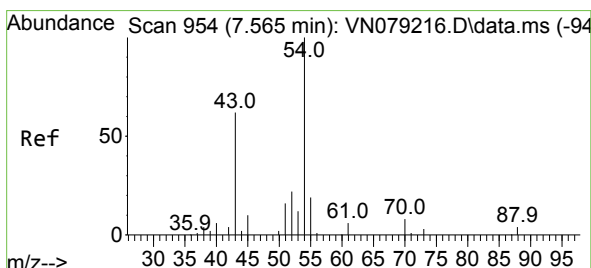
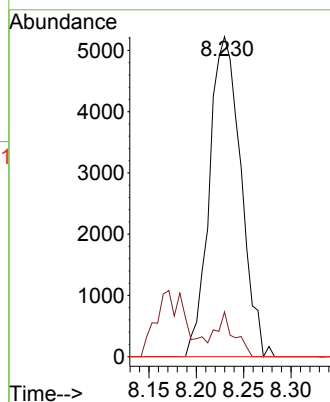
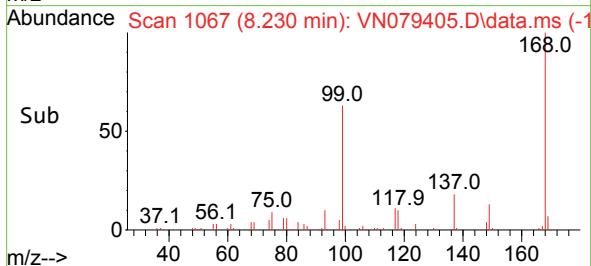


#36
1,1-Dichloropropene
Concen: 4.748 ug/l
RT: 8.230 min Scan# 1092
Delta R.T. -0.147 min
Lab File: VN079405.D
Acq: 04 Oct 2023 15:59

Instrument :
MSVOA_N
ClientSampleId :

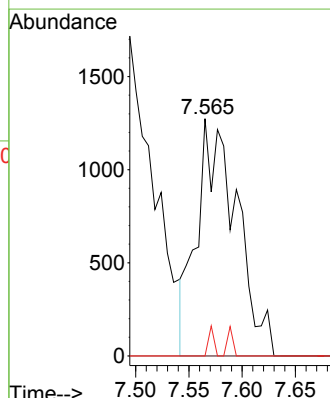
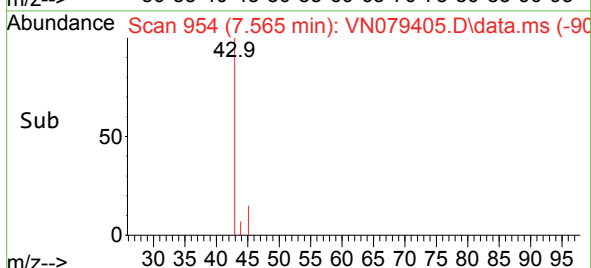
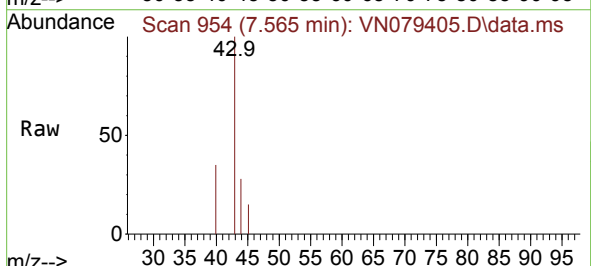


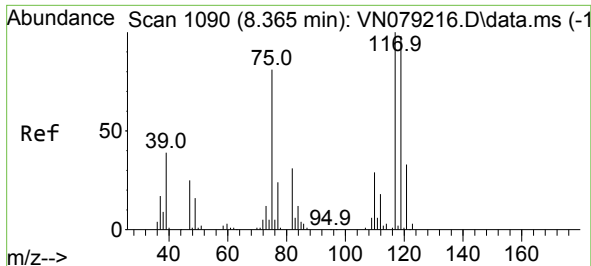
Tgt Ion: 75 Resp: 12047
Ion Ratio Lower Upper
75 100
110 8.0 19.1 57.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 1.312 ug/l
RT: 7.565 min Scan# 954
Delta R.T. -0.006 min
Lab File: VN079405.D
Acq: 04 Oct 2023 15:59

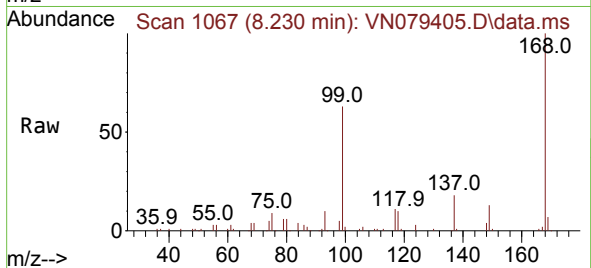
Tgt Ion: 43 Resp: 3321
Ion Ratio Lower Upper
43 100
61 0.0 13.2 19.8#
70 1.7 11.3 16.9#



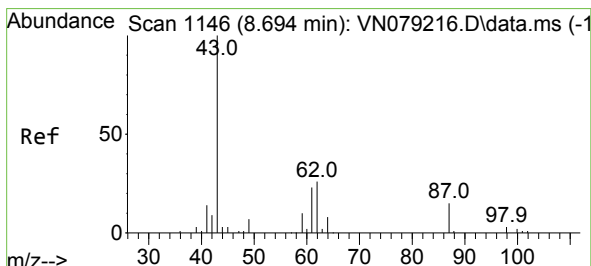
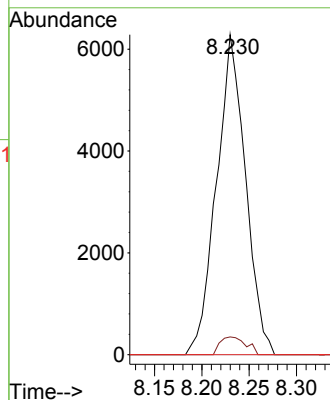
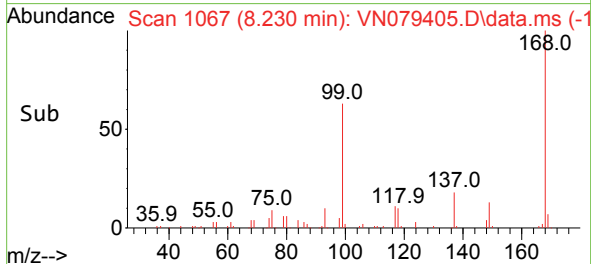


#38
Carbon Tetrachloride
Concen: 5.103 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN079405.D
Acq: 04 Oct 2023 15:59

Instrument :
MSVOA_N
ClientSampleId :

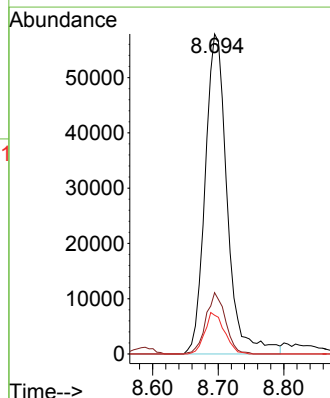
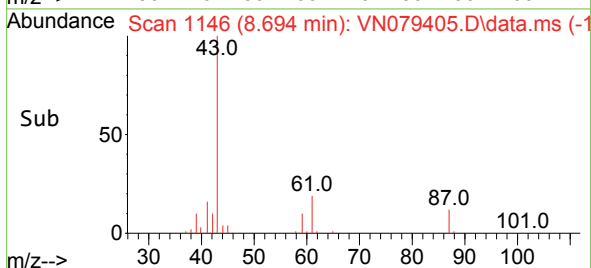
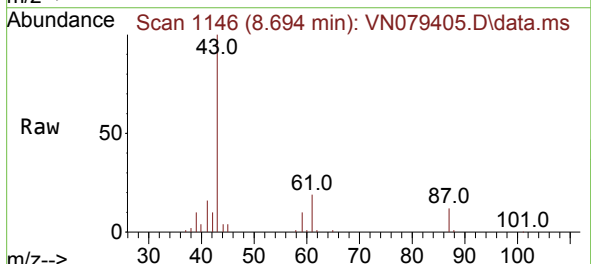


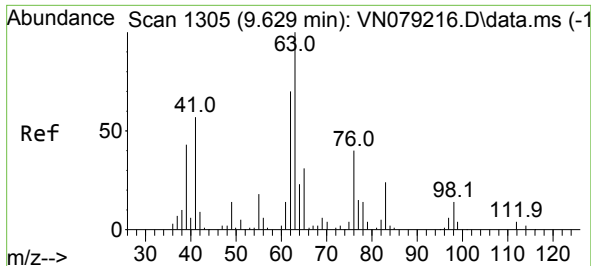
Tgt Ion:117 Resp: 13397
Ion Ratio Lower Upper
117 100
119 5.5 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 32.804 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079405.D
Acq: 04 Oct 2023 15:59

Tgt Ion: 43 Resp: 135447
Ion Ratio Lower Upper
43 100
61 17.0 24.7 37.1#
87 11.5 14.6 21.8#

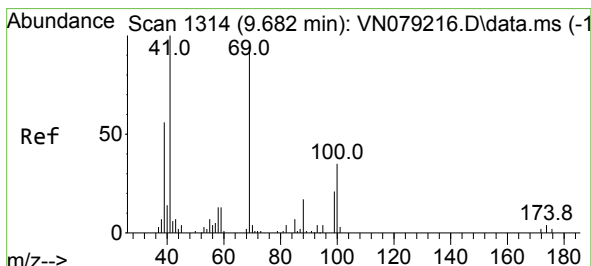
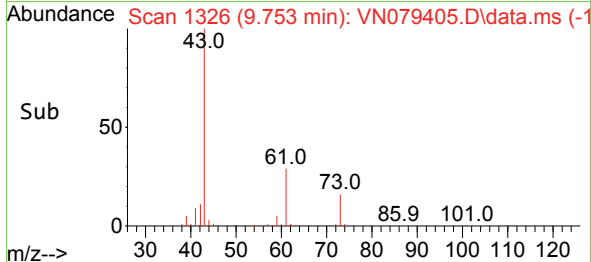
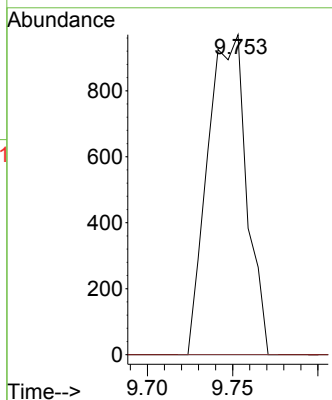
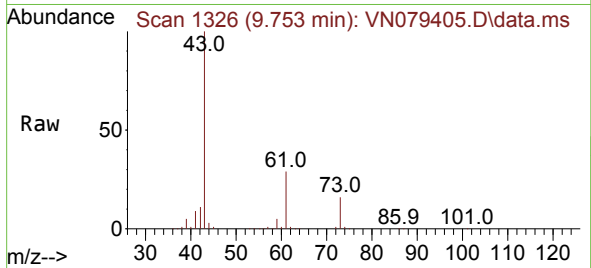




#45
1,2-Dichloropropane
Concen: 0.795 ug/l
RT: 9.753 min Scan# 11
Delta R.T. 0.129 min
Lab File: VN079405.D
Acq: 04 Oct 2023 15:59

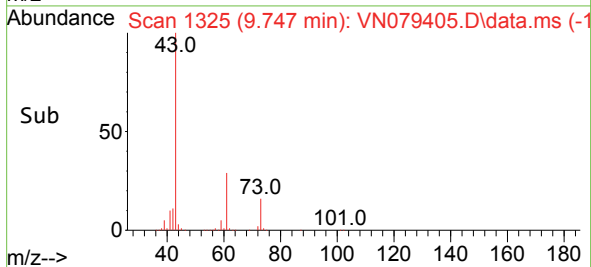
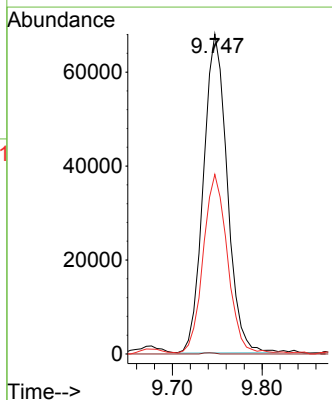
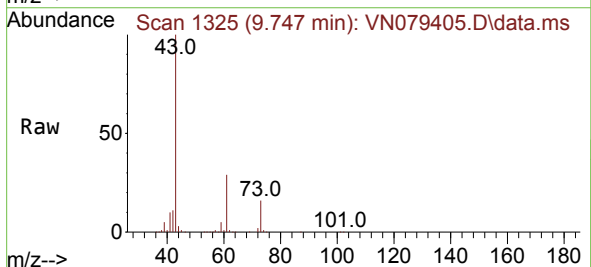
Instrument :
MSVOA_N
ClientSampleId :

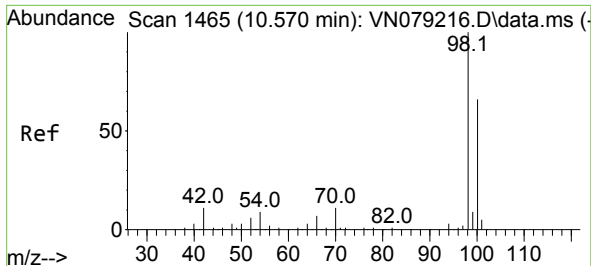
Tgt Ion: 63 Resp: 1533
Ion Ratio Lower Upper
63 100
65 0.0 23.9 35.9#



#48
Methyl methacrylate
Concen: 67.443 ug/l
RT: 9.747 min Scan# 1325
Delta R.T. 0.059 min
Lab File: VN079405.D
Acq: 04 Oct 2023 15:59

Tgt Ion: 41 Resp: 124733
Ion Ratio Lower Upper
41 100
69 0.2 90.4 135.6#
39 57.3 54.6 81.8

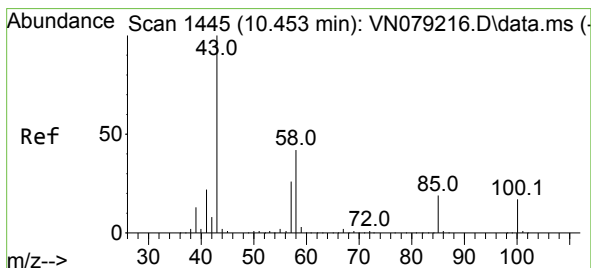
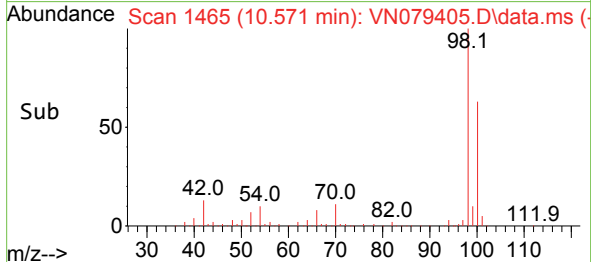
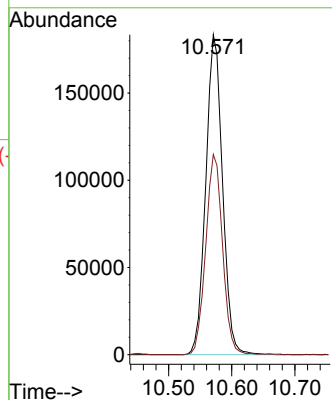
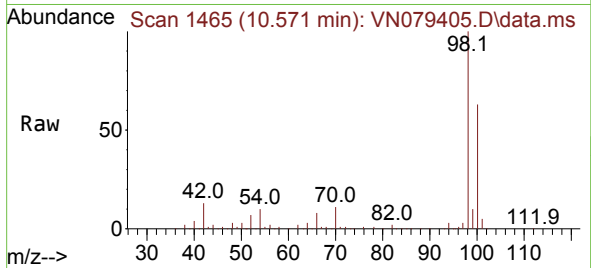




#50
Toluene-d8
Concen: 55.966 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079405.D
Acq: 04 Oct 2023 15:59

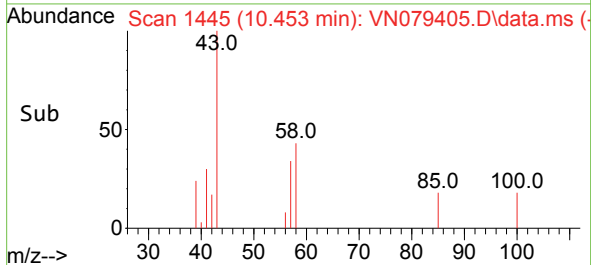
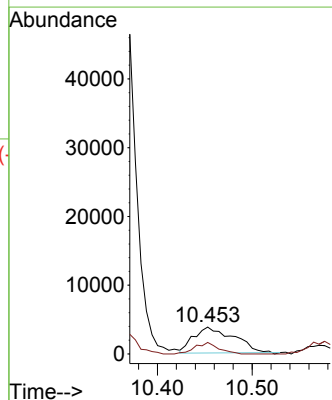
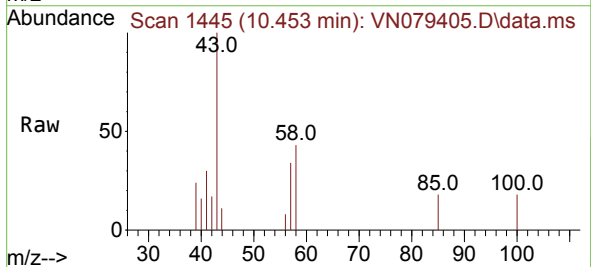
Instrument :
MSVOA_N
ClientSampleId :

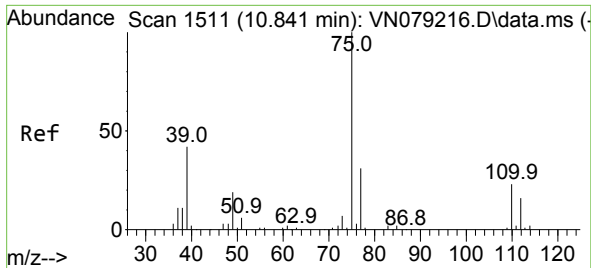
Tgt Ion: 98 Resp: 338244
Ion Ratio Lower Upper
98 100
100 62.9 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 4.624 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN079405.D
Acq: 04 Oct 2023 15:59

Tgt Ion: 43 Resp: 11083
Ion Ratio Lower Upper
43 100
58 26.0 36.6 54.8#

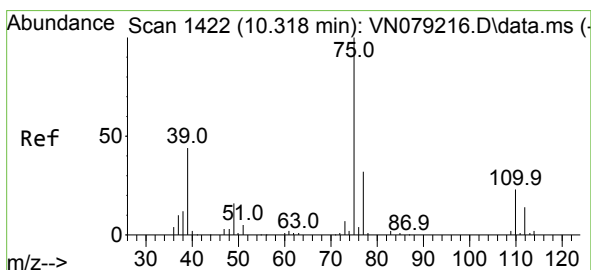
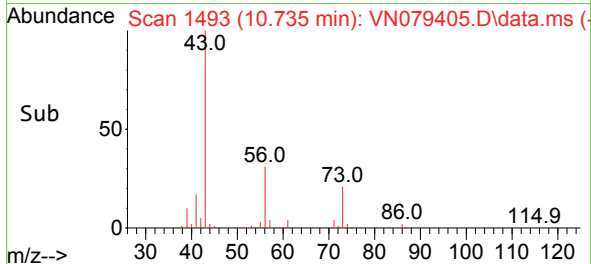
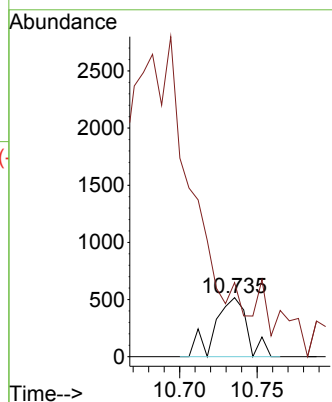
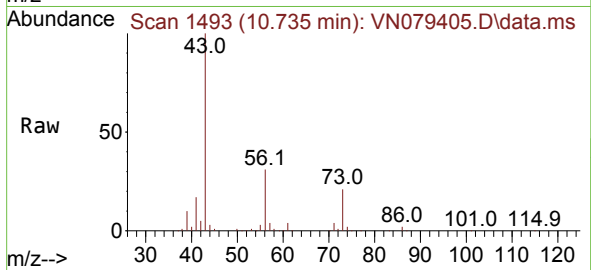




#53
 t-1,3-Dichloropropene
 Concen: 0.263 ug/l
 RT: 10.735 min Scan# 1493
 Delta R.T. -0.106 min
 Lab File: VN079405.D
 Acq: 04 Oct 2023 15:59

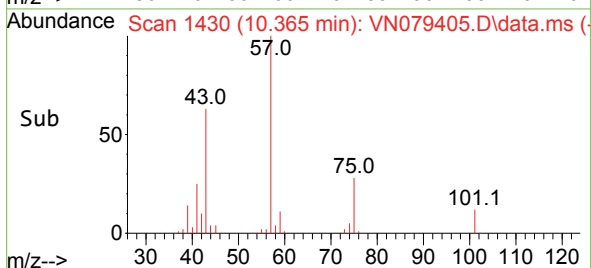
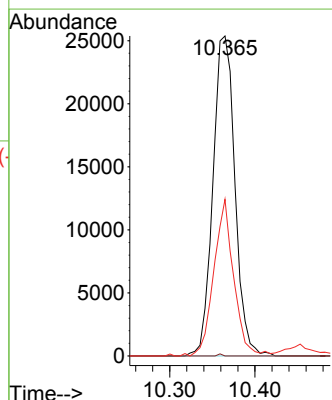
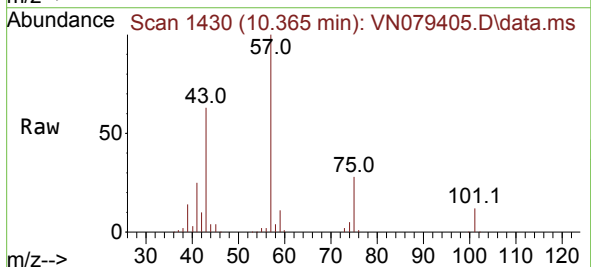
Instrument :
 MSVOA_N
 ClientSampleId :

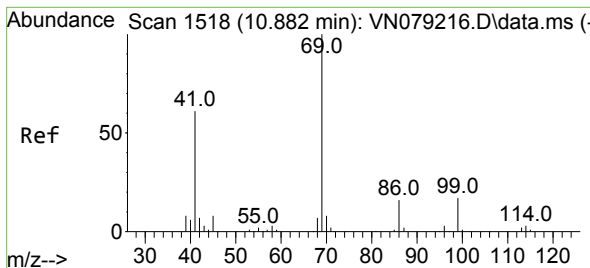
Tgt Ion: 75 Resp: 744
 Ion Ratio Lower Upper
 75 100
 77 47.0 25.4 38.0#



#54
 cis-1,3-Dichloropropene
 Concen: 15.055 ug/l
 RT: 10.365 min Scan# 1430
 Delta R.T. 0.047 min
 Lab File: VN079405.D
 Acq: 04 Oct 2023 15:59

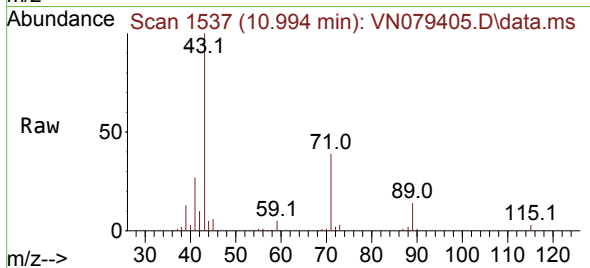
Tgt Ion: 75 Resp: 45504
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.1 39.1#
 39 49.0 31.6 47.4#



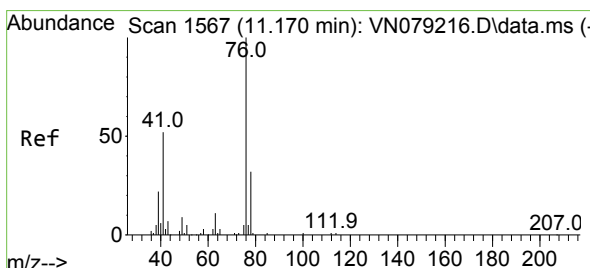
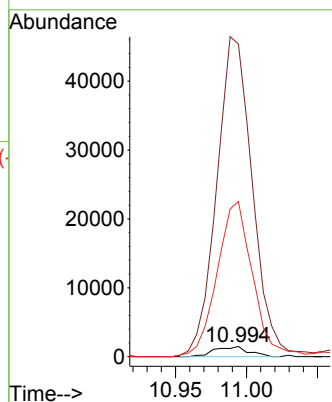
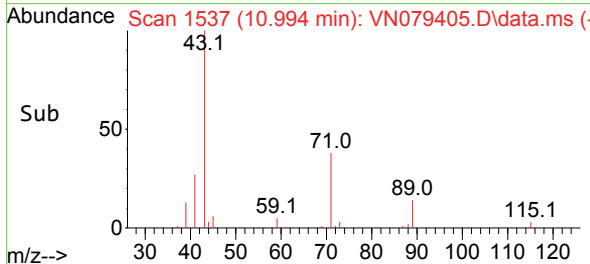


#56
Ethyl methacrylate
Concen: 0.927 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.117 min
Lab File: VN079405.D
Acq: 04 Oct 2023 15:59

Instrument :
MSVOA_N
ClientSampleId :

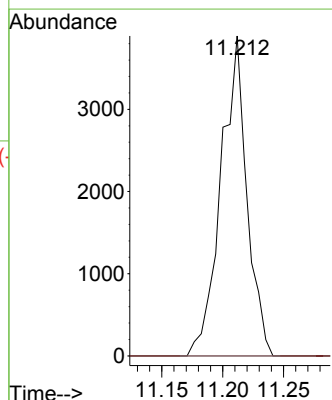
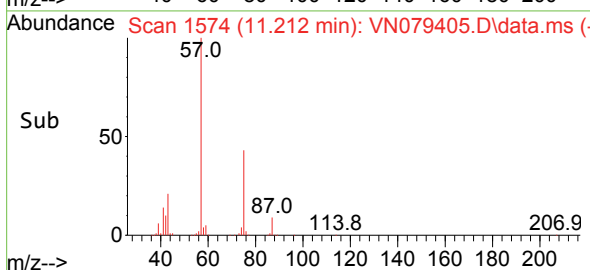
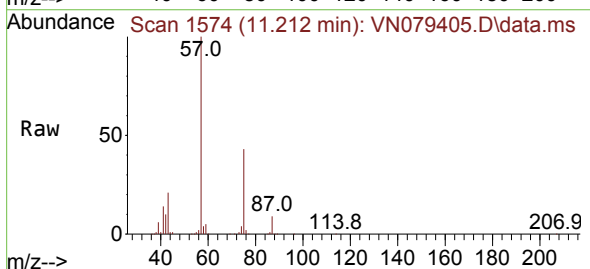


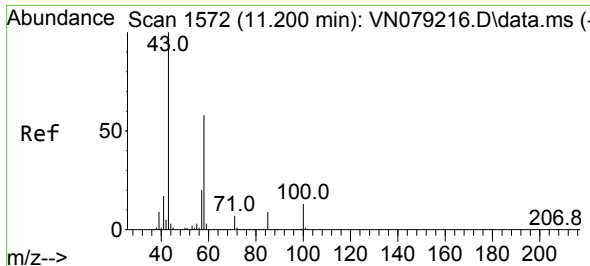
Tgt Ion: 69 Resp: 2452
Ion Ratio Lower Upper
69 100
41 3325.1 39.6 59.4#
39 1596.9 28.6 43.0#



#57
1,3-Dichloropropane
Concen: 1.787 ug/l
RT: 11.212 min Scan# 1574
Delta R.T. 0.047 min
Lab File: VN079405.D
Acq: 04 Oct 2023 15:59

Tgt Ion: 76 Resp: 5786
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

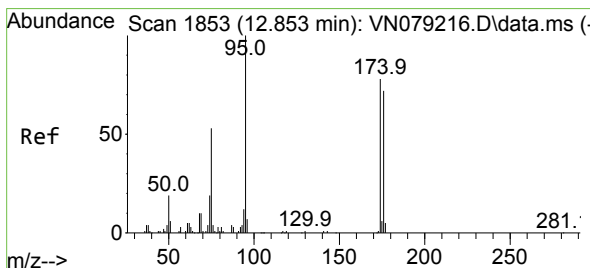
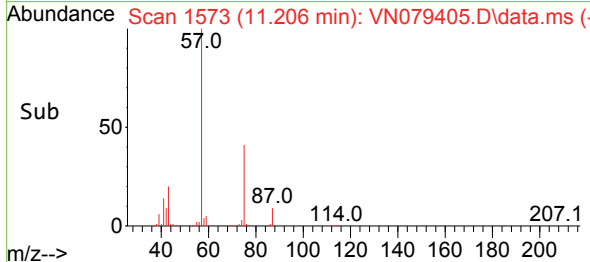
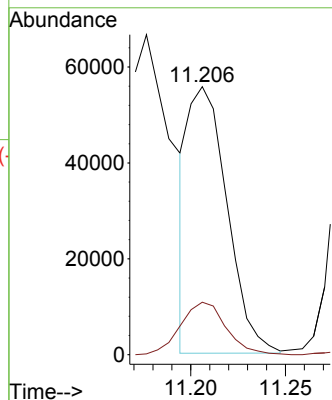
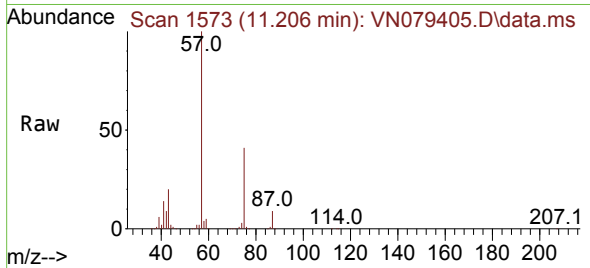




#59
2-Hexanone
Concen: 45.859 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079405.D
Acq: 04 Oct 2023 15:59

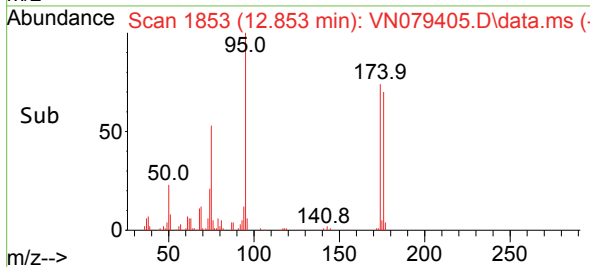
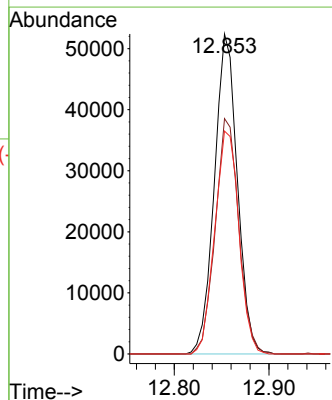
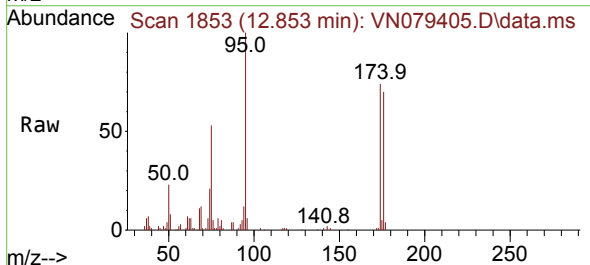
Instrument :
MSVOA_N
ClientSampleId :

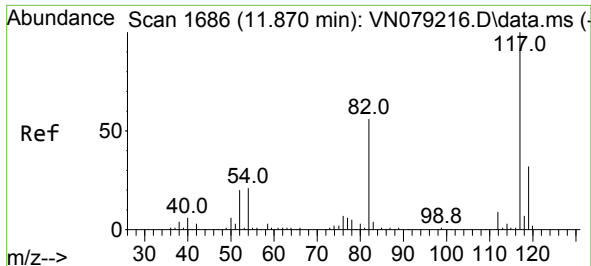
Tgt Ion: 43 Resp: 79613
Ion Ratio Lower Upper
43 100
58 23.0 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 45.839 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079405.D
Acq: 04 Oct 2023 15:59

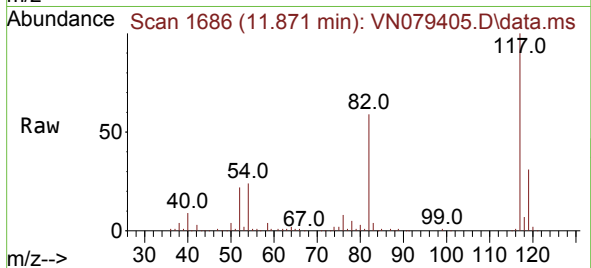
Tgt Ion: 95 Resp: 88370
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 73.3 0.0 135.8



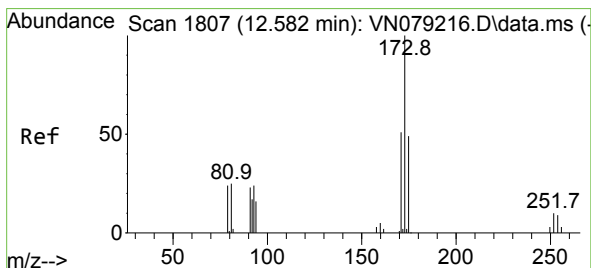
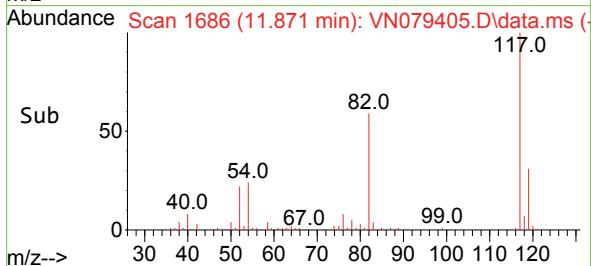
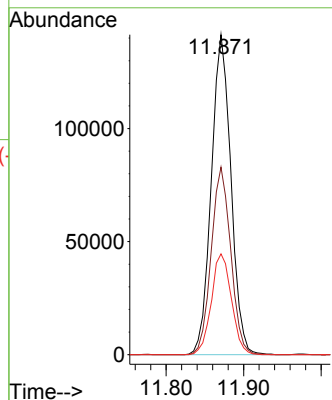


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079405.D
Acq: 04 Oct 2023 15:59

Instrument :
MSVOA_N
ClientSampleId :

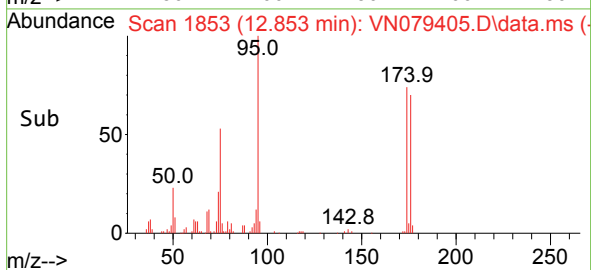
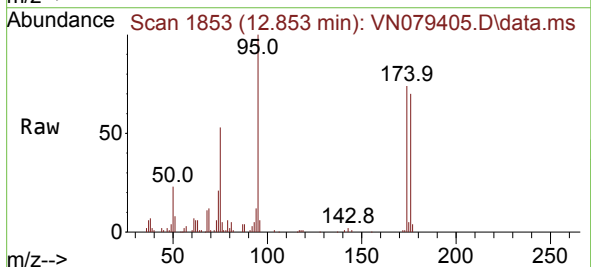
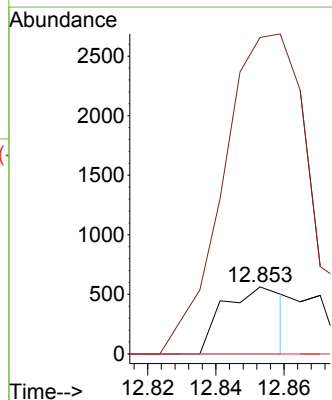


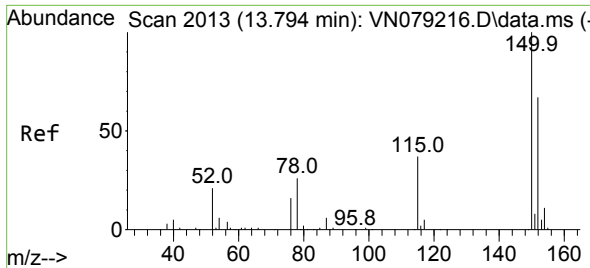
Tgt Ion:117 Resp: 248805
Ion Ratio Lower Upper
117 100
82 58.6 44.0 66.0
119 31.5 25.6 38.4



#71
Bromoform
Concen: 0.439 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN079405.D
Acq: 04 Oct 2023 15:59

Tgt Ion:173 Resp: 685
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0

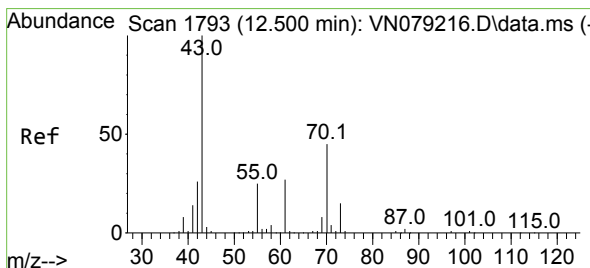
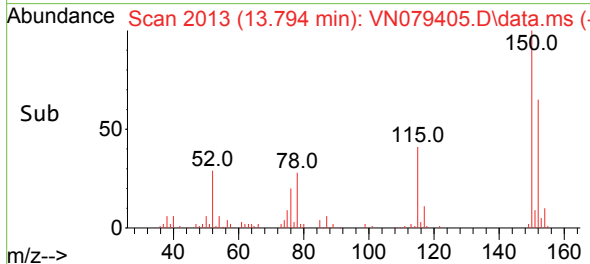
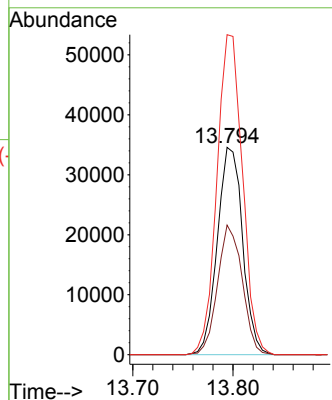
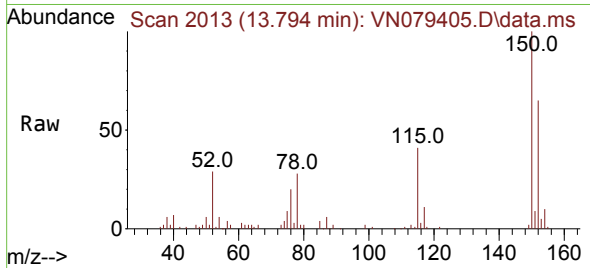




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079405.D
 Acq: 04 Oct 2023 15:59

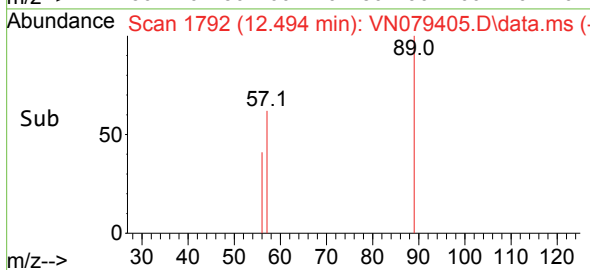
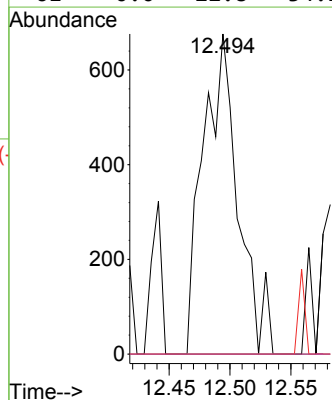
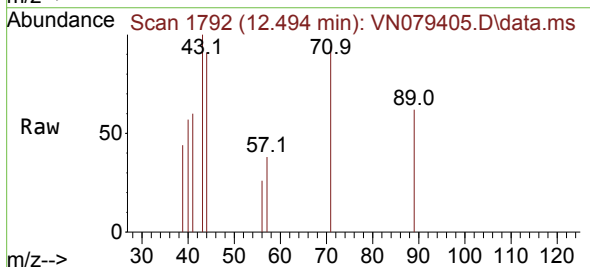
Instrument :
 MSVOA_N
 ClientSampleId :

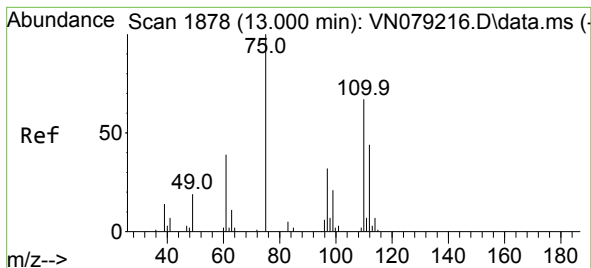
Tgt Ion:152 Resp: 60528
 Ion Ratio Lower Upper
 152 100
 115 60.9 32.3 96.8
 150 156.2 0.0 355.8



#74
 N-ethyl acetate
 Concen: 0.648 ug/l
 RT: 12.494 min Scan# 1792
 Delta R.T. -0.006 min
 Lab File: VN079405.D
 Acq: 04 Oct 2023 15:59

Tgt Ion: 43 Resp: 1354
 Ion Ratio Lower Upper
 43 100
 70 0.0 43.4 65.2#
 55 0.0 21.4 32.0#
 61 0.0 22.8 34.2#





#76

1,2,3-Trichloropropane

Concen: 30.265 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079405.D

Acq: 04 Oct 2023 15:59

Instrument :

MSVOA_N

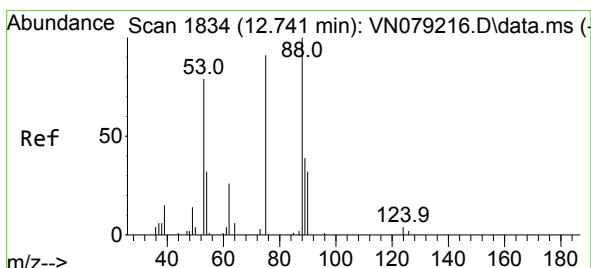
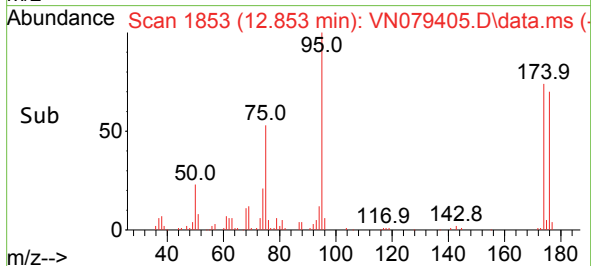
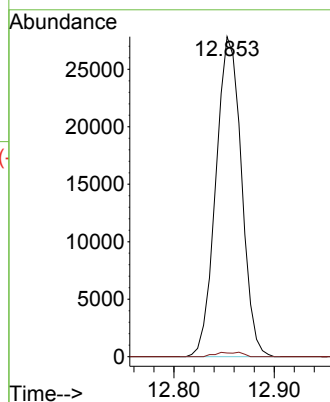
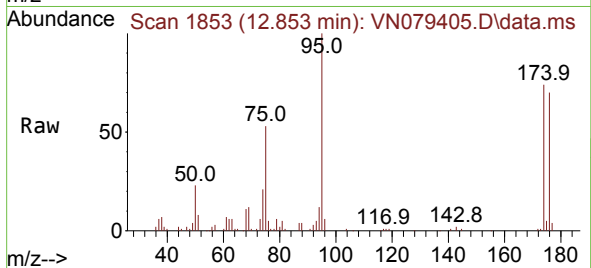
ClientSampleId :

Tgt Ion: 75 Resp: 49372

Ion Ratio Lower Upper

75 100

77 1.4 84.5 253.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 83.206 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN079405.D

Acq: 04 Oct 2023 15:59

Tgt Ion: 75 Resp: 49372

Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

89 0.0 38.8 58.2#

