

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100423\
 Data File : VN079417.D
 Acq On : 04 Oct 2023 20:49
 Operator : JC\MD
 Sample : 04689-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 05 02:27:48 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)

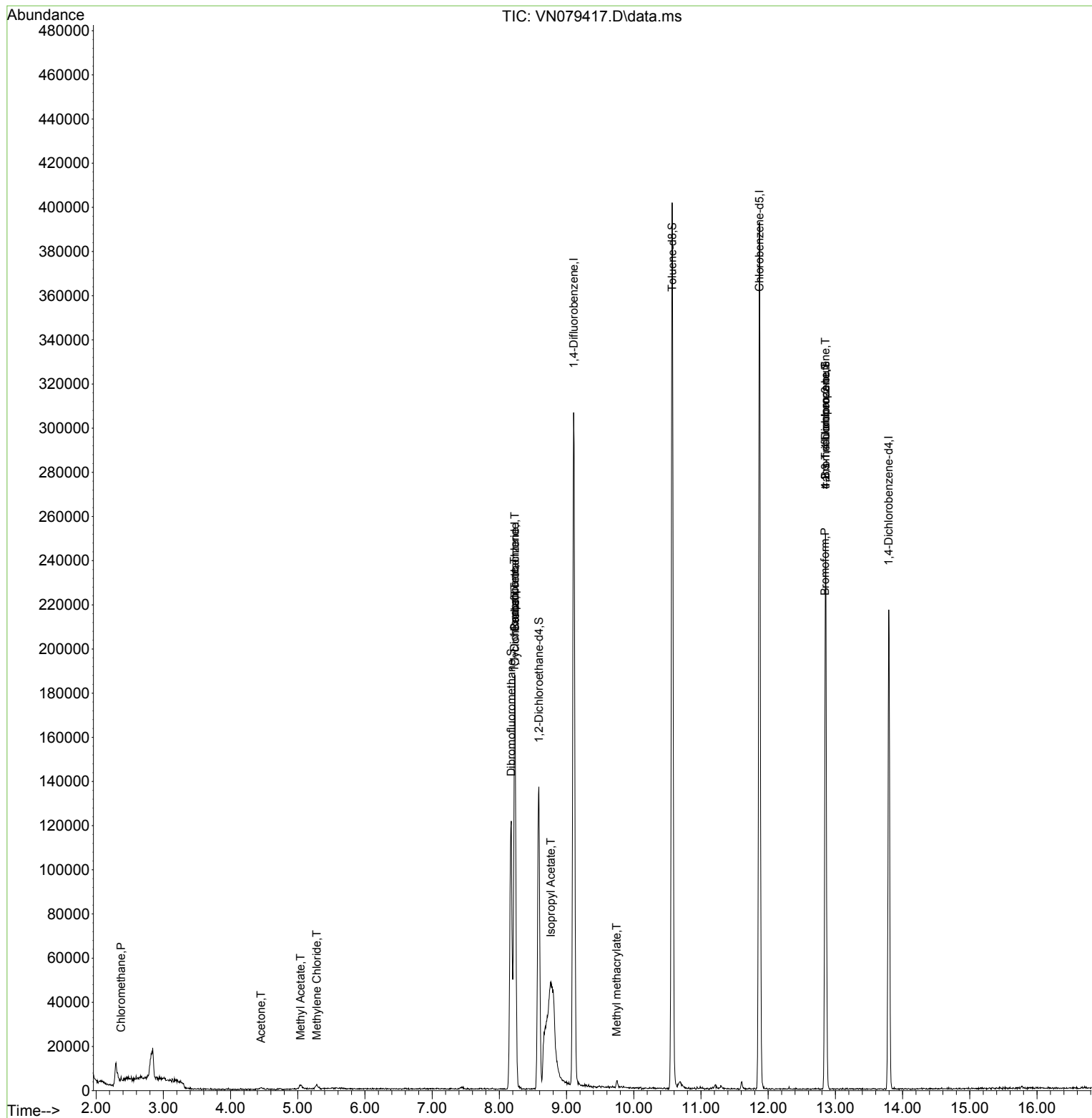
Internal Standards						
1) Pentafluorobenzene	8.229	168	126942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	259532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	215081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	55496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	111104	64.837	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 129.680%#	
35) Dibromofluoromethane	8.177	113	87204	50.513	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.020%	
50) Toluene-d8	10.570	98	268724	42.393	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 84.780%#	
62) 4-Bromofluorobenzene	12.853	95	82219	40.662	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 81.320%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	734	0.445	ug/l	91
6) Chloroethane	3.106	64	277	Below Cal	#	43
16) Acetone	4.453	43	1390	1.910	ug/l #	40
18) Methyl Acetate	5.041	43	4224	1.412	ug/l #	59
20) Methylene Chloride	5.283	84	1249	0.705	ug/l #	83
31) Cyclohexane	8.235	56	3340	1.335	ug/l #	12
36) 1,1-Dichloropropene	8.224	75	11495	4.320	ug/l #	47
38) Carbon Tetrachloride	8.229	117	14332	5.205	ug/l #	16
43) Isopropyl Acetate	8.765	43	98249	22.687	ug/l #	50
48) Methyl methacrylate	9.747	41	408	0.210	ug/l #	12
71) Bromoform	12.847	173	396	0.294	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	45258	30.259	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	45258	83.188	ug/l #	15

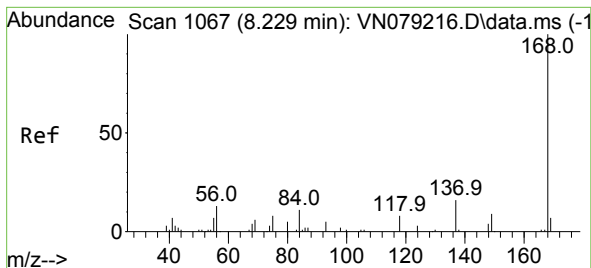
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 8.229 min Scan# 1067

Delta R.T. -0.001 min

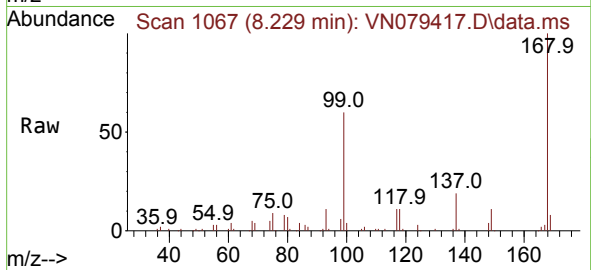
Lab File: VN079417.D

Acq: 04 Oct 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

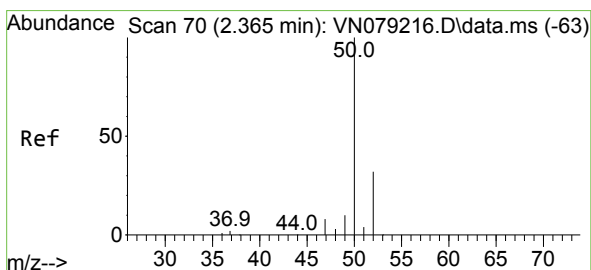
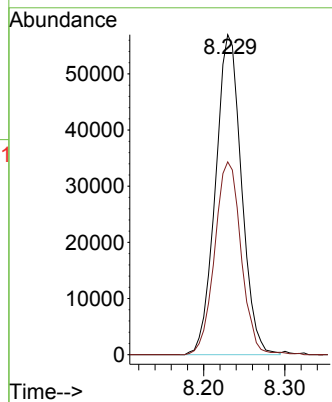
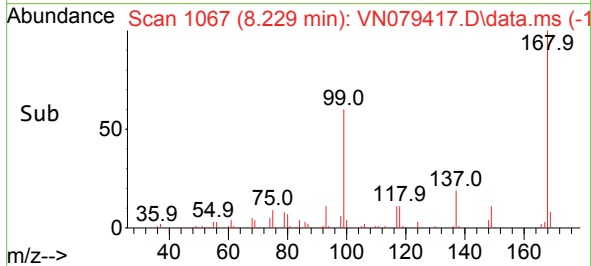


Tgt Ion:168 Resp: 126942

Ion Ratio Lower Upper

168 100

99 60.3 53.0 79.6



#3

Chloromethane

Concen: 0.445 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN079417.D

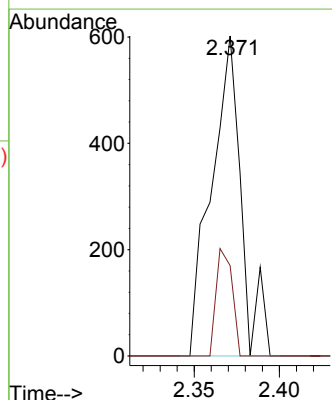
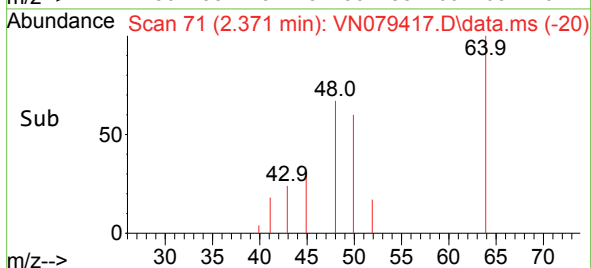
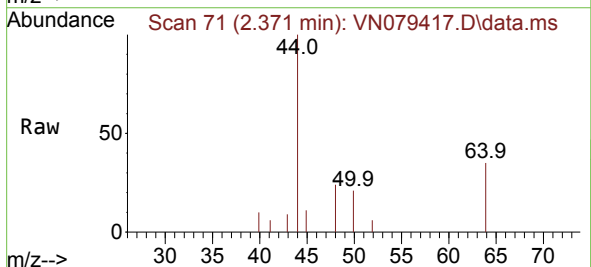
Acq: 04 Oct 2023 20:49

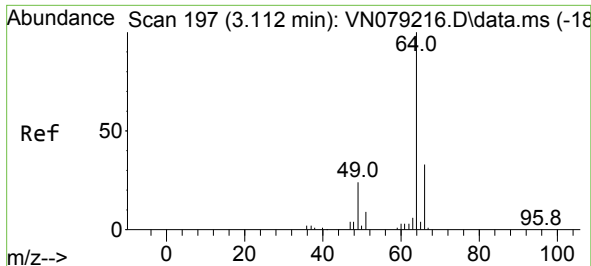
Tgt Ion: 50 Resp: 734

Ion Ratio Lower Upper

50 100

52 28.2 26.5 39.7

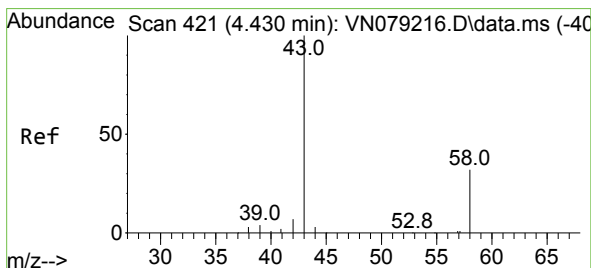
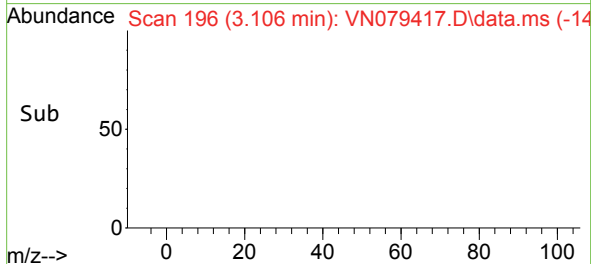
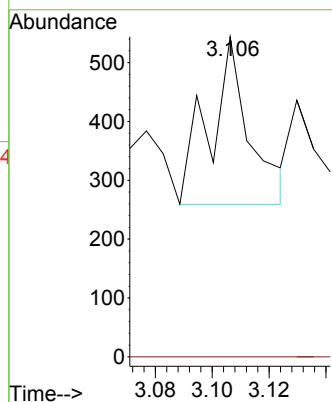
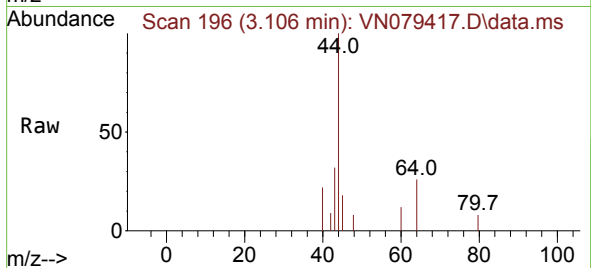




#6
Chloroethane
Concen: Below Cal
RT: 3.106 min Scan# 197
Delta R.T. -0.012 min
Lab File: VN079417.D
Acq: 04 Oct 2023 20:49

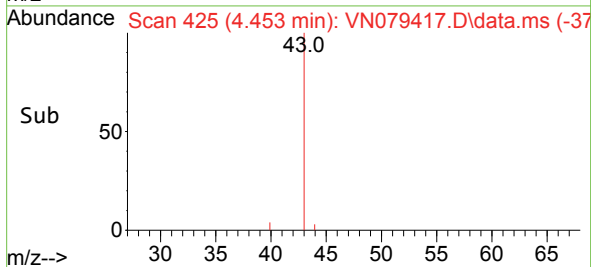
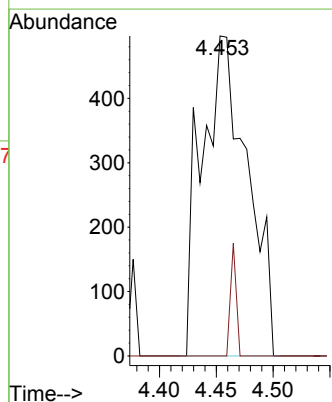
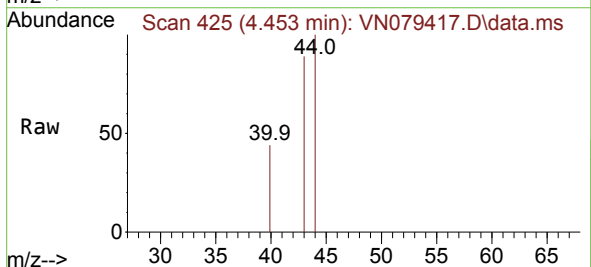
Instrument :
MSVOA_N
ClientSampleId :

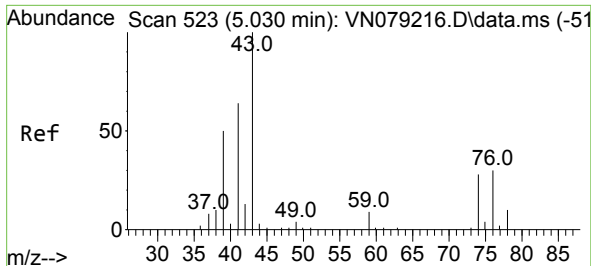
Tgt Ion: 64 Resp: 277
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#16
Acetone
Concen: 1.910 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.011 min
Lab File: VN079417.D
Acq: 04 Oct 2023 20:49

Tgt Ion: 43 Resp: 1390
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#

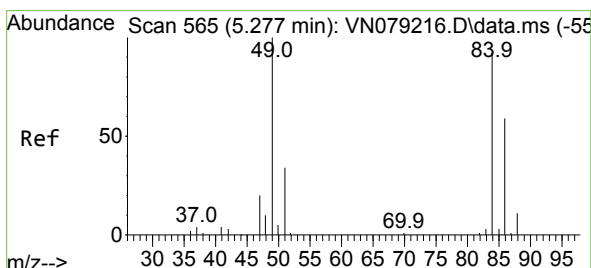
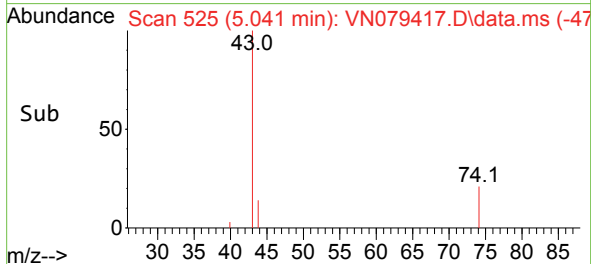
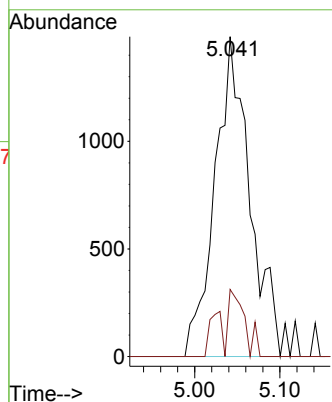
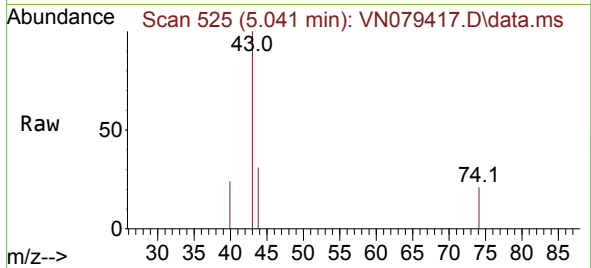




#18
Methyl Acetate
Concen: 1.412 ug/l
RT: 5.041 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN079417.D
Acq: 04 Oct 2023 20:49

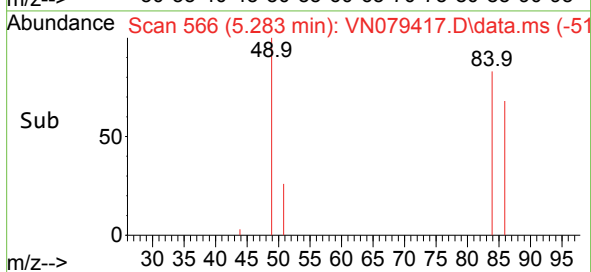
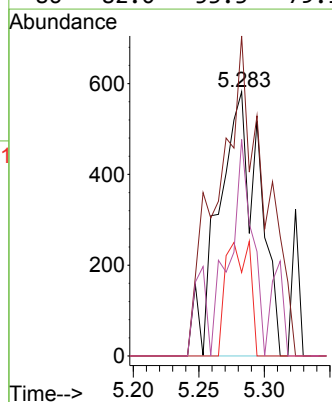
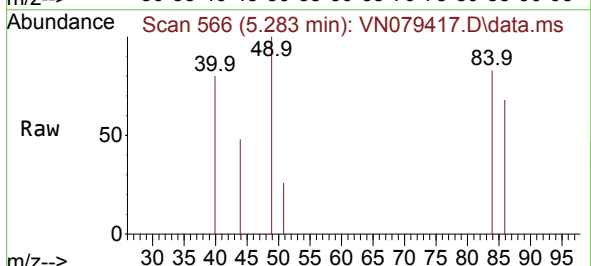
Instrument :
MSVOA_N
ClientSampleId :

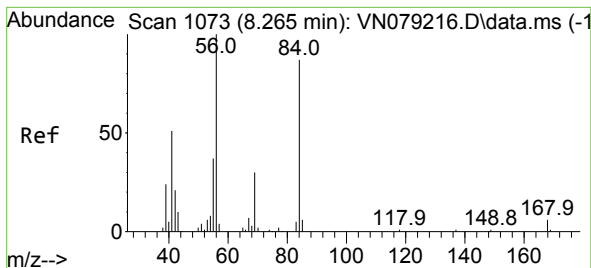
Tgt Ion: 43 Resp: 4224
Ion Ratio Lower Upper
43 100
74 9.8 26.2 39.4#



#20
Methylene Chloride
Concen: 0.705 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079417.D
Acq: 04 Oct 2023 20:49

Tgt Ion: 84 Resp: 1249
Ion Ratio Lower Upper
84 100
49 121.1 79.7 119.5#
51 31.6 25.2 37.8
86 82.0 53.3 79.9#





#31

Cyclohexane

Concen: 1.335 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.030 min

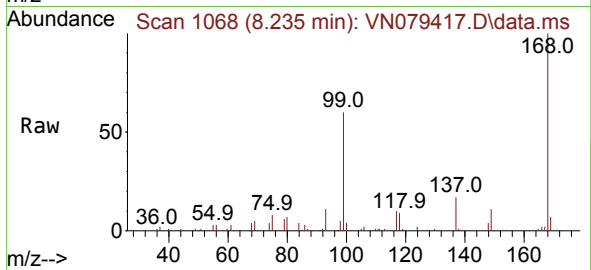
Lab File: VN079417.D

Acq: 04 Oct 2023 20:49

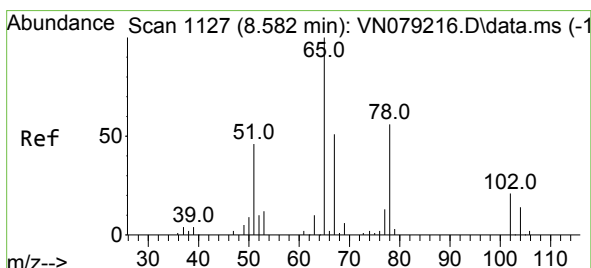
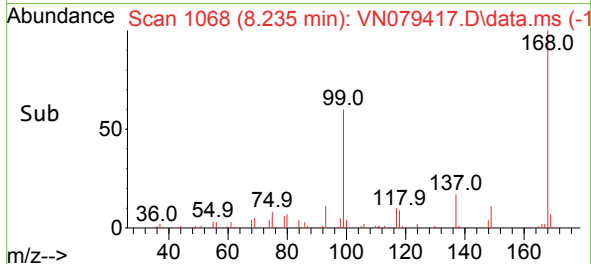
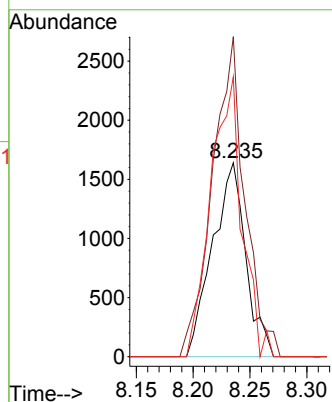
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 56	Resp: 3340
Ion Ratio	Lower Upper
56	100
69	165.0 26.8 40.2#
84	144.3 81.8 122.6#



#33

1,2-Dichloroethane-d4

Concen: 64.837 ug/l

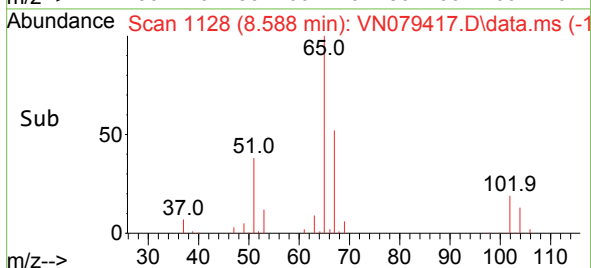
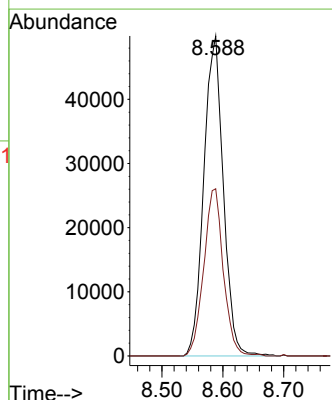
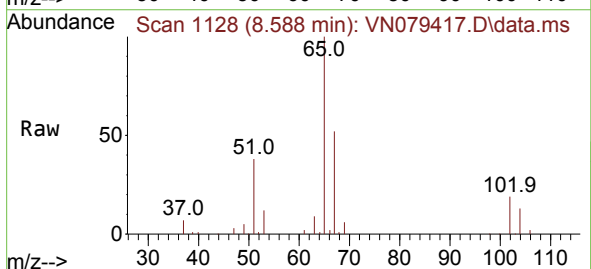
RT: 8.588 min Scan# 1128

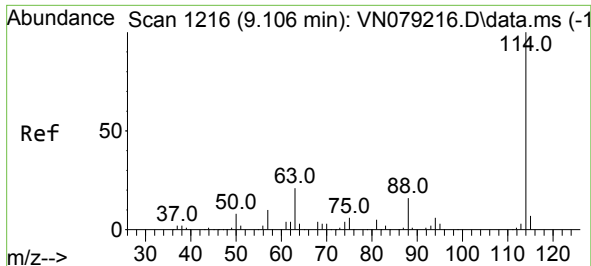
Delta R.T. 0.005 min

Lab File: VN079417.D

Acq: 04 Oct 2023 20:49

Tgt Ion: 65	Resp: 111104
Ion Ratio	Lower Upper
65	100
67	52.5 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: VN079417.D

Acq: 04 Oct 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

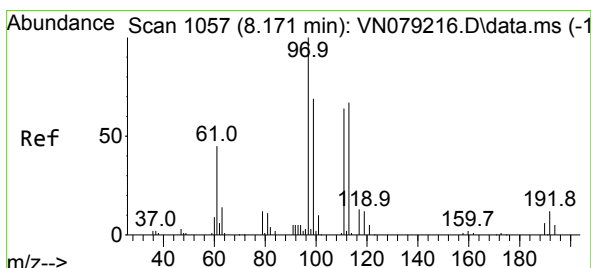
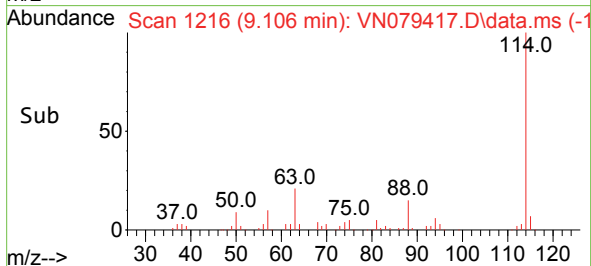
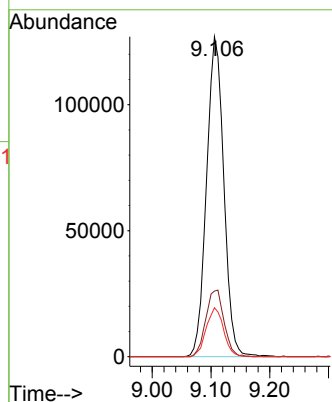
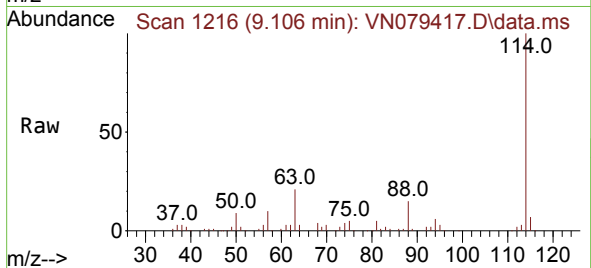
Tgt Ion:114 Resp: 259532

Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.513 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN079417.D

Acq: 04 Oct 2023 20:49

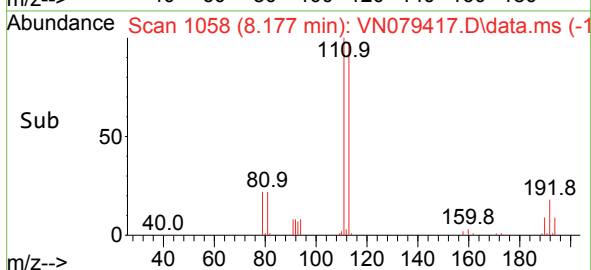
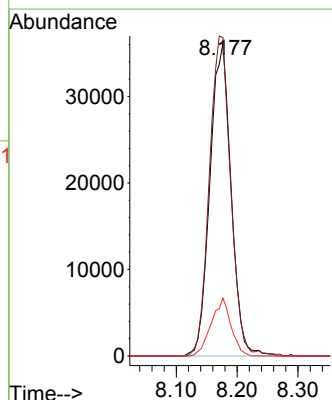
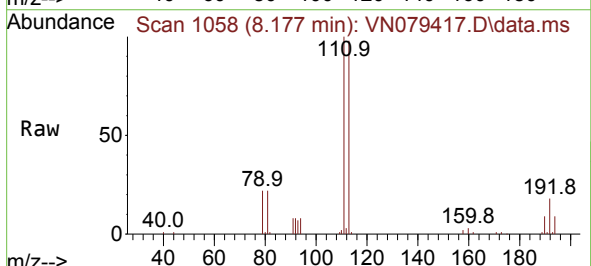
Tgt Ion:113 Resp: 87204

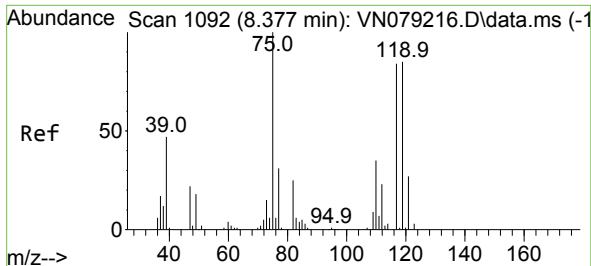
Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

192 17.2 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.320 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

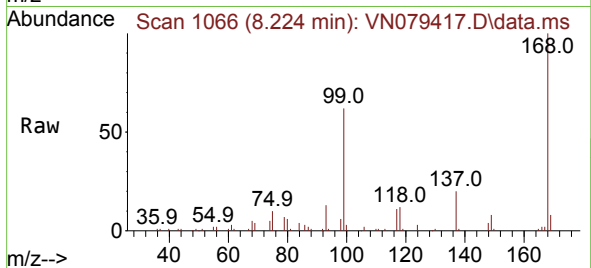
Lab File: VN079417.D

Acq: 04 Oct 2023 20:49

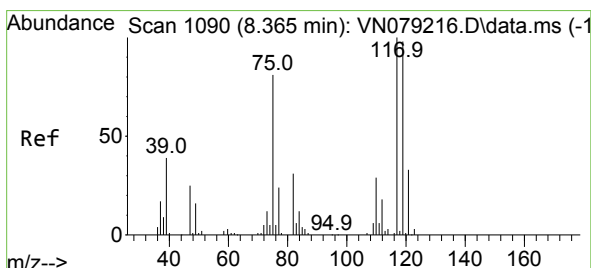
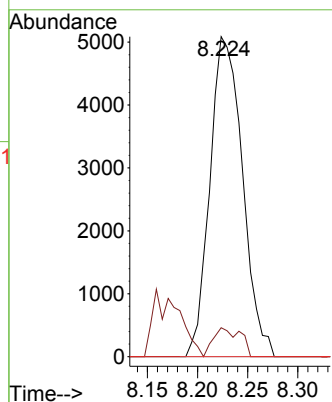
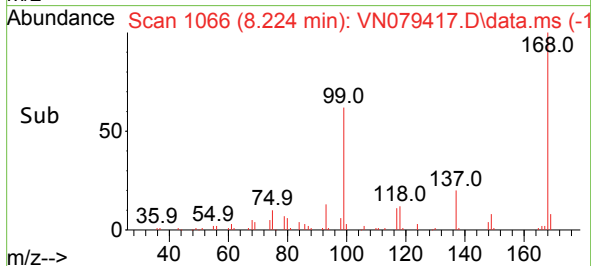
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75	Resp: 11495
Ion Ratio	Lower Upper
75	100
110	7.5 19.1 57.3#
77	0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.205 ug/l

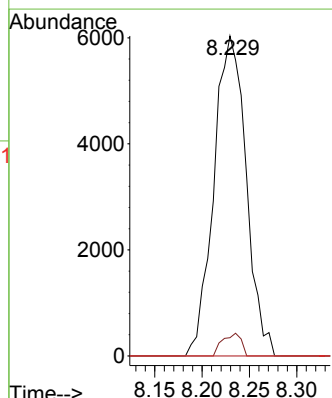
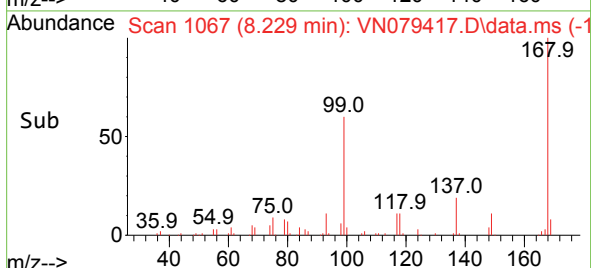
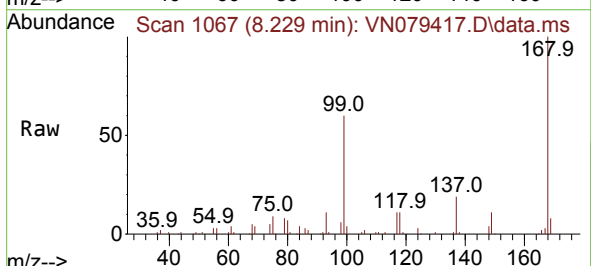
RT: 8.229 min Scan# 1067

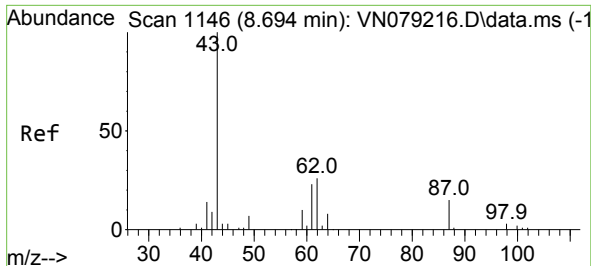
Delta R.T. -0.142 min

Lab File: VN079417.D

Acq: 04 Oct 2023 20:49

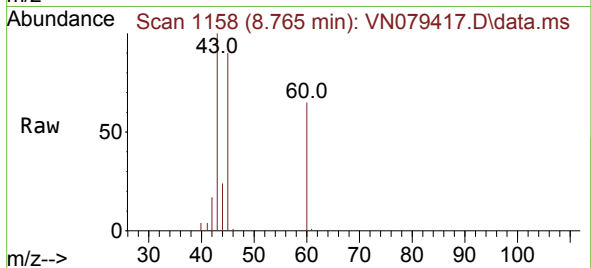
Tgt Ion: 117	Resp: 14332
Ion Ratio	Lower Upper
117	100
119	5.7 77.3 115.9#
121	0.0 23.3 34.9#



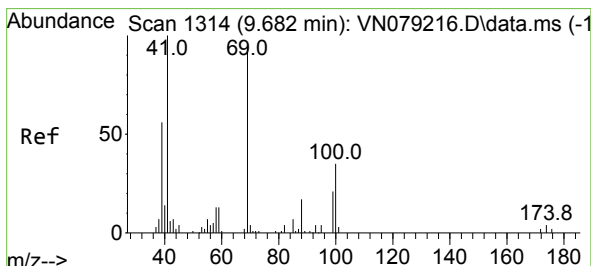
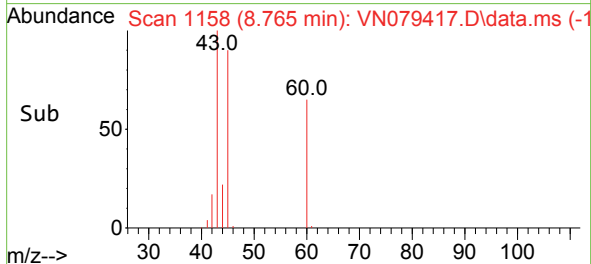
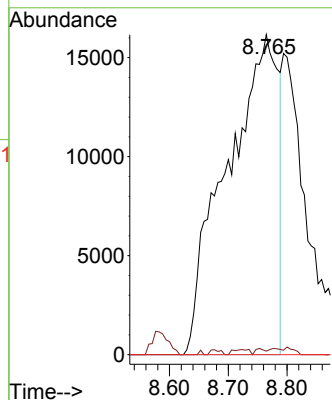


#43
Isopropyl Acetate
Concen: 22.687 ug/l
RT: 8.765 min Scan# 1158
Delta R.T. 0.071 min
Lab File: VN079417.D
Acq: 04 Oct 2023 20:49

Instrument :
MSVOA_N
ClientSampleId :

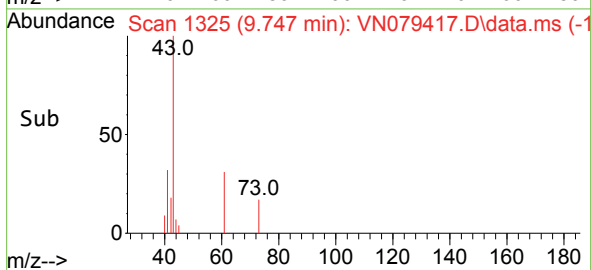
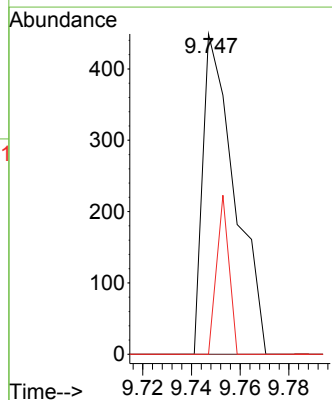
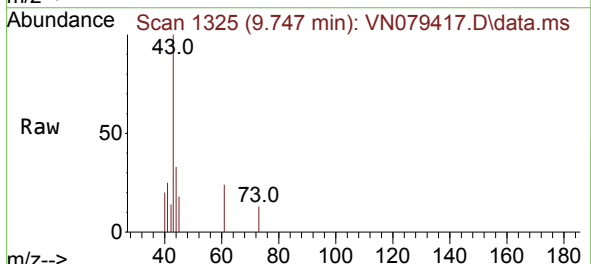


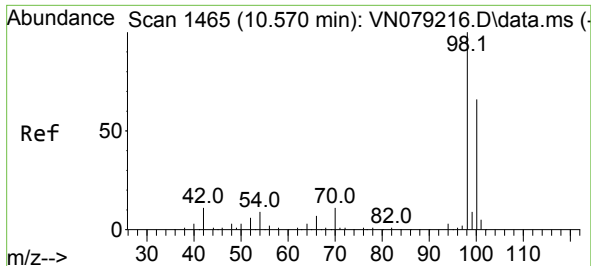
Tgt Ion: 43 Resp: 98249
Ion Ratio Lower Upper
43 100
61 0.5 24.7 37.1#
87 0.0 14.6 21.8#



#48
Methyl methacrylate
Concen: 0.210 ug/l
RT: 9.747 min Scan# 1325
Delta R.T. 0.059 min
Lab File: VN079417.D
Acq: 04 Oct 2023 20:49

Tgt Ion: 41 Resp: 408
Ion Ratio Lower Upper
41 100
69 0.0 90.4 135.6#
39 19.4 54.6 81.8#

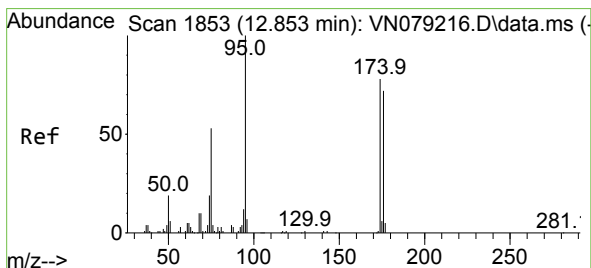
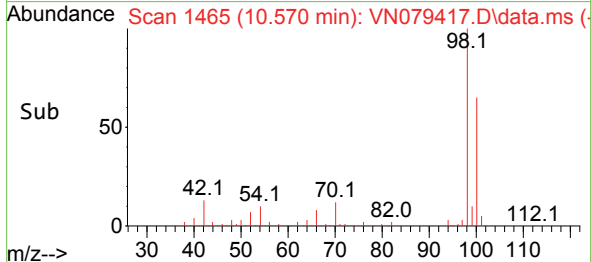
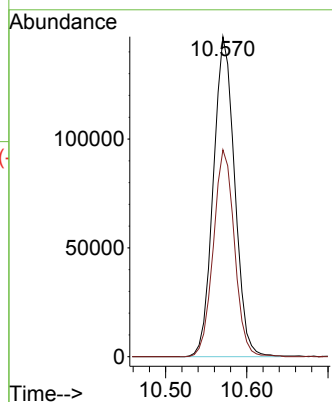
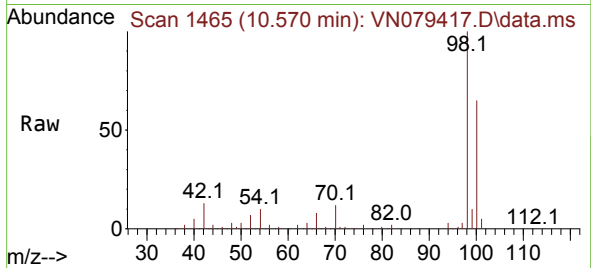




#50
Toluene-d8
Concen: 42.393 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN079417.D
Acq: 04 Oct 2023 20:49

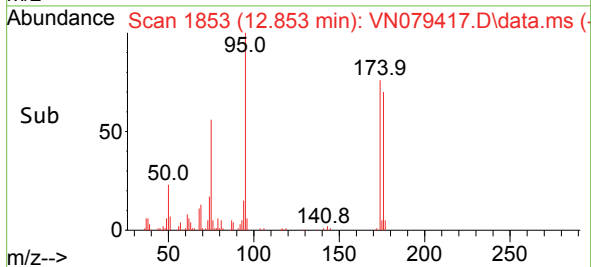
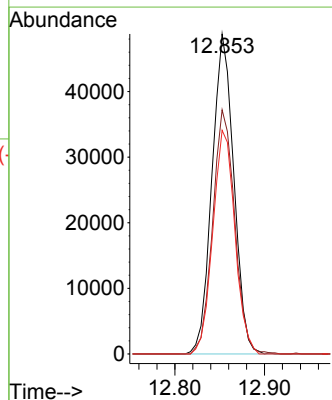
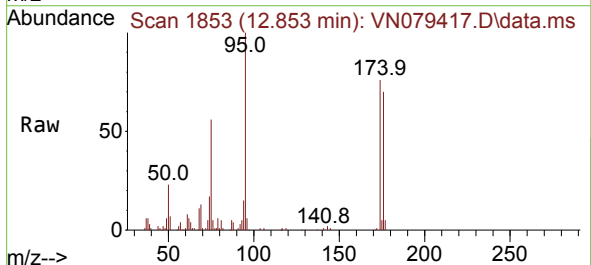
Instrument :
MSVOA_N
ClientSampleId :

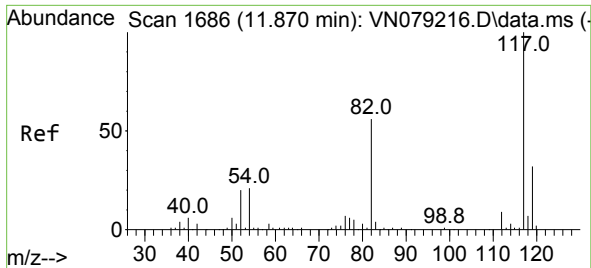
Tgt Ion: 98 Resp: 268724
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.662 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079417.D
Acq: 04 Oct 2023 20:49

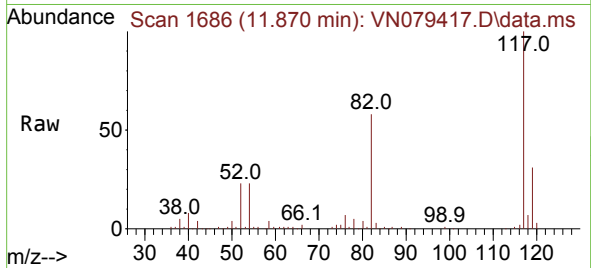
Tgt Ion: 95 Resp: 82219
Ion Ratio Lower Upper
95 100
174 77.1 0.0 143.8
176 70.8 0.0 135.8



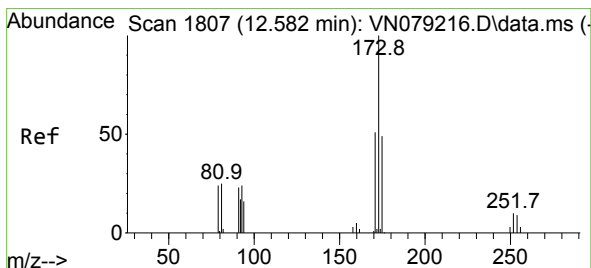
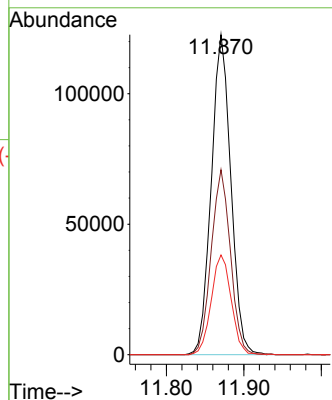
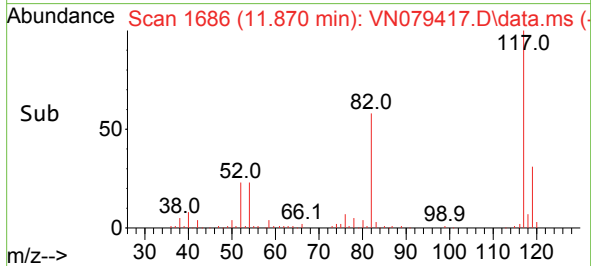


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN079417.D
Acq: 04 Oct 2023 20:49

Instrument :
MSVOA_N
ClientSampleId :

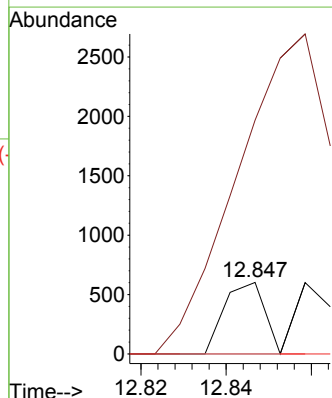
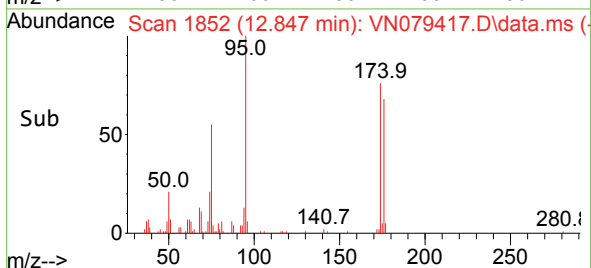
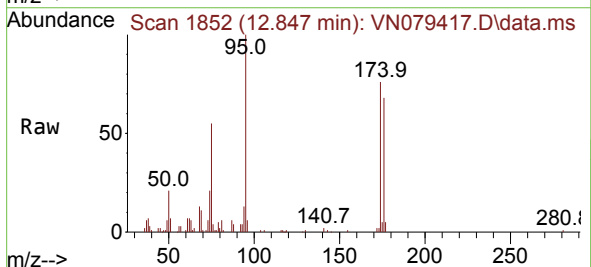


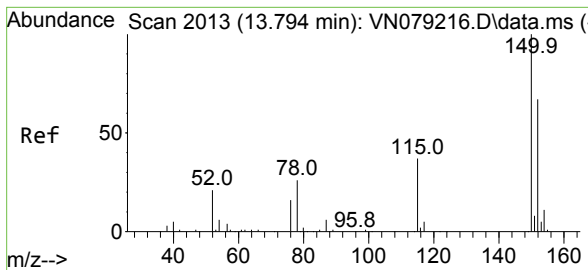
Tgt Ion:117 Resp: 215081
Ion Ratio Lower Upper
117 100
82 57.8 44.0 66.0
119 31.2 25.6 38.4



#71
Bromoform
Concen: 0.294 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN079417.D
Acq: 04 Oct 2023 20:49

Tgt Ion:173 Resp: 396
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0

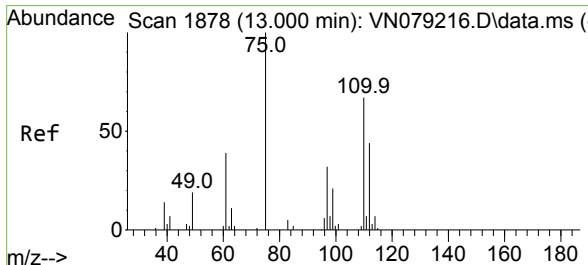
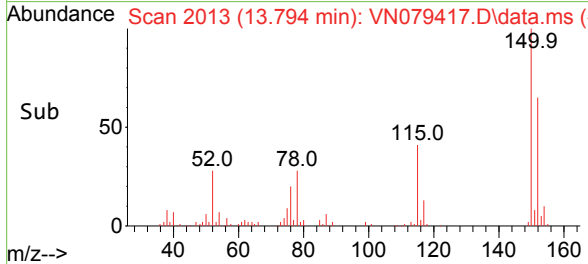
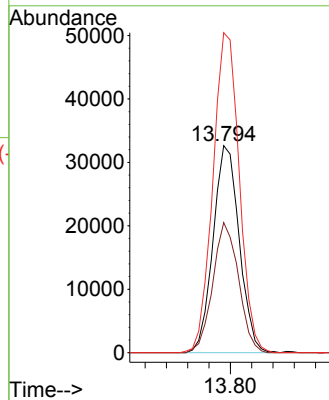
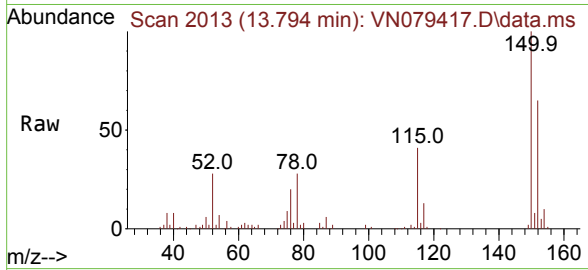




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN079417.D
 Acq: 04 Oct 2023 20:49

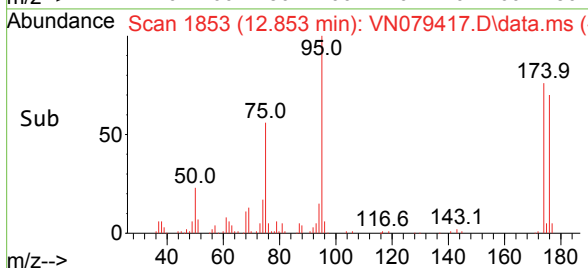
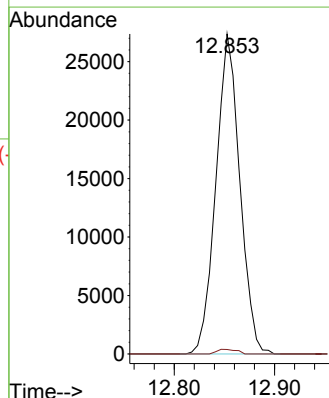
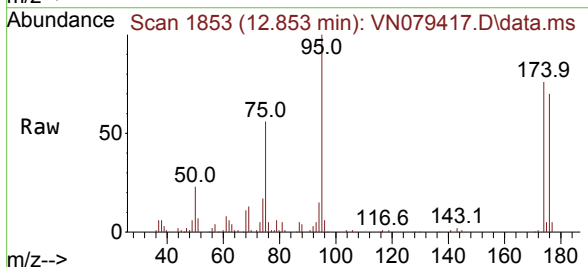
Instrument :
 MSVOA_N
 ClientSampleId :

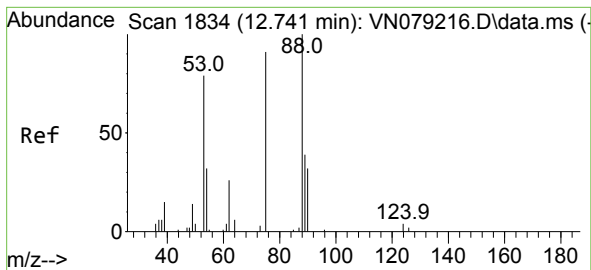
Tgt Ion:152 Resp: 55496
 Ion Ratio Lower Upper
 152 100
 115 61.9 32.3 96.8
 150 156.0 0.0 355.8



#76
 1,2,3-Trichloropropane
 Concen: 30.259 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.147 min
 Lab File: VN079417.D
 Acq: 04 Oct 2023 20:49

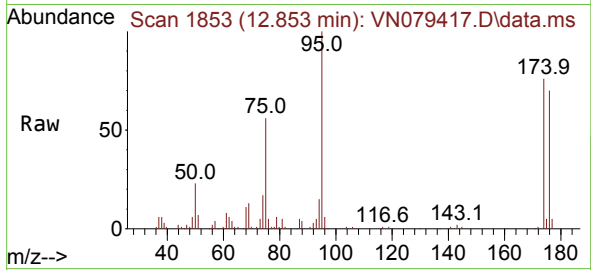
Tgt Ion: 75 Resp: 45258
 Ion Ratio Lower Upper
 75 100
 77 1.2 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.188 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN079417.D
 Acq: 04 Oct 2023 20:49

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 45258
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#

