

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100722\
 Data File : VN074817.D
 Acq On : 07 Oct 2022 17:32
 Operator : JC\MD
 Sample : N5009-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 006-3

Quant Time: Oct 08 03:54:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 05:37:50 2022
 Response via : Initial Calibration

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

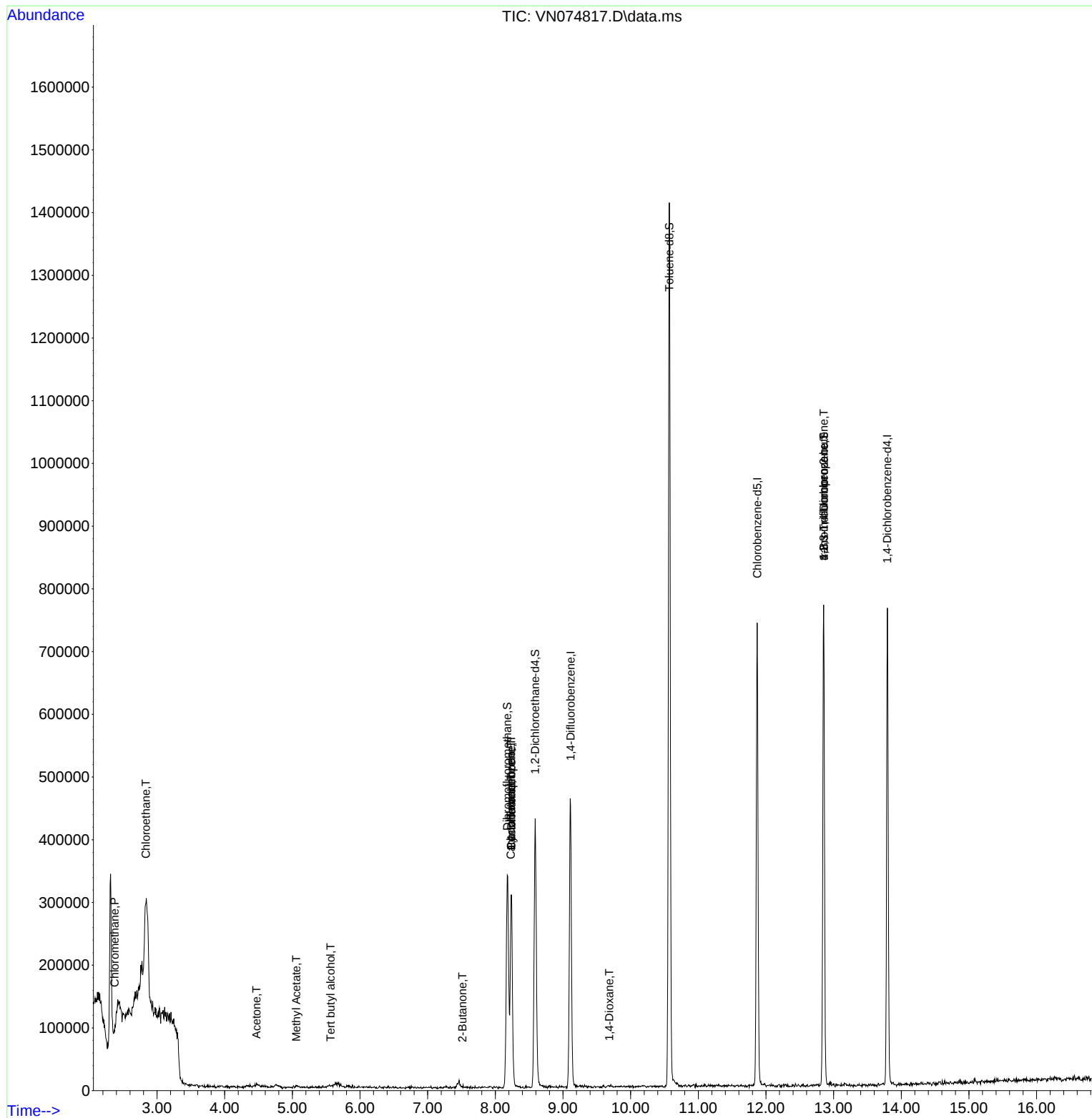
Internal Standards						
1) Pentafluorobenzene	8.235	168	215723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	397330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	402857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	189298	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	310670	60.780	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 121.560%		
35) Dibromofluoromethane	8.177	113	246080	61.299	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 122.600%		
50) Toluene-d8	10.571	98	968109	56.202	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 112.400%		
62) 4-Bromofluorobenzene	12.853	95	238580	45.563	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 91.120%		
Target Compounds						
						Qvalue
3) Chloromethane	2.371	50	1409	0.214	ug/l	95
6) Chloroethane	2.836	64	157463	26.126	ug/l #	61
11) Tert butyl alcohol	5.565	59	799	0.467	ug/l #	94
13) Acrolein	4.218	56	80	Below Cal	#	1
16) Acetone	4.471	43	6888	2.378	ug/l #	79
18) Methyl Acetate	5.059	43	3803	0.355	ug/l	100
20) Methylene Chloride	5.289	84	466	Below Cal	#	3
25) 2-Butanone	7.512	43	2719	0.517	ug/l #	48
31) Cyclohexane	8.235	56	7233	0.819	ug/l #	51
36) 1,1-Dichloropropene	8.235	75	21061	3.241	ug/l #	46
38) Carbon Tetrachloride	8.230	117	25153	4.105	ug/l #	17
49) 1,4-Dioxane	9.682	88	62	0.433	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.929	83	138	Below Cal	#	24
76) 1,2,3-Trichloropropane	12.853	75	146772	25.977	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	146772	50.613	ug/l #	14
96) 1,2,3-Trichlorobenzene	15.829	180	106	Below Cal	#	12

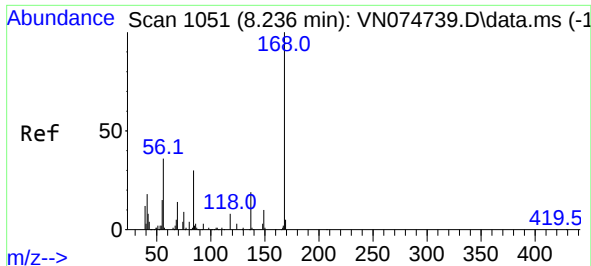
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 08 03:54:36 2022
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Quant Title : SW846 8260
QLast Update : Thu Oct 06 05:37:50 2022
Response via : Initial Calibration

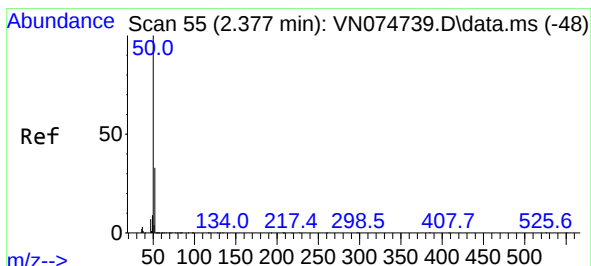
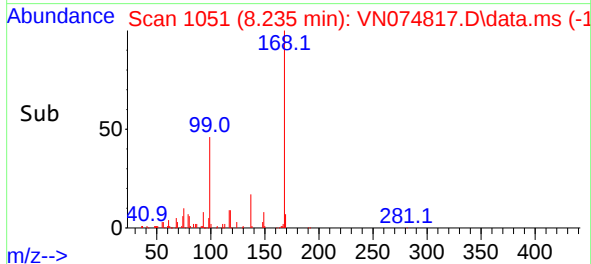
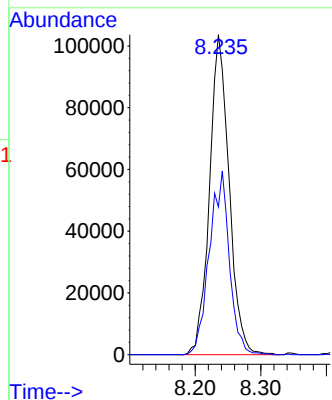
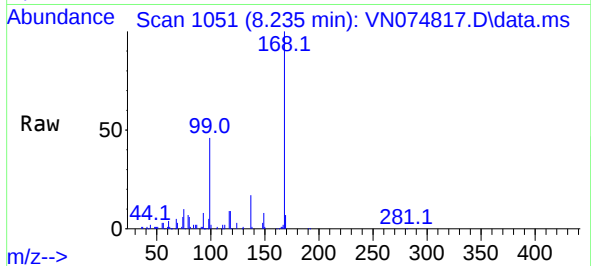




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN074817.D
Acq: 07 Oct 2022 17:32

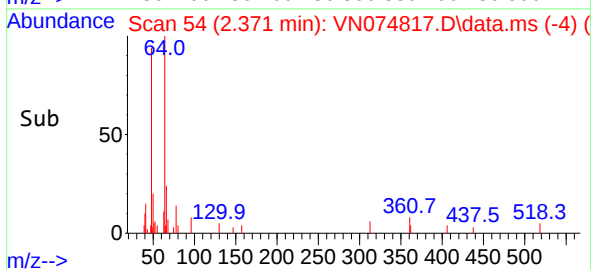
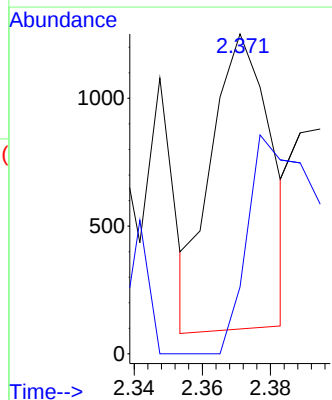
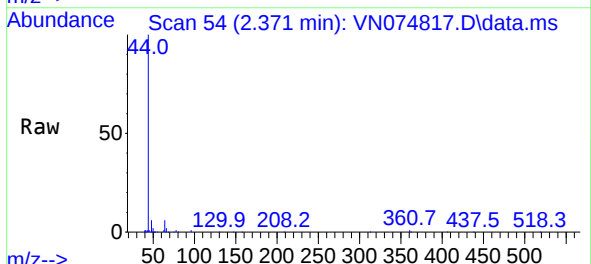
Instrument :
MSVOA_N
ClientSampleId :
006-3

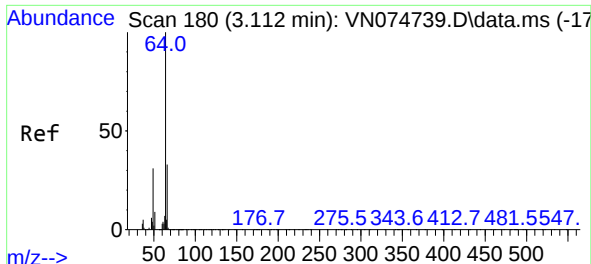
Tgt Ion:168 Resp: 215723
Ion Ratio Lower Upper
168 100
99 46.1 42.8 64.2



#3
Chloromethane
Concen: 0.214 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN074817.D
Acq: 07 Oct 2022 17:32

Tgt Ion: 50 Resp: 1409
Ion Ratio Lower Upper
50 100
52 30.7 26.7 40.1

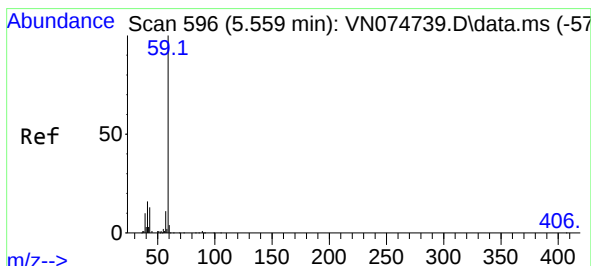
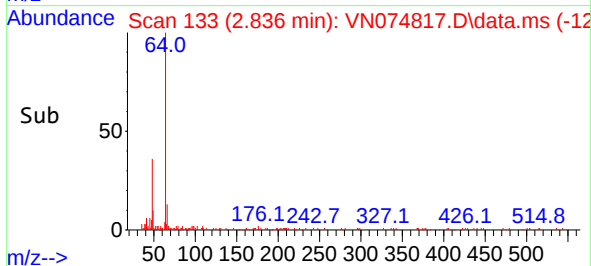
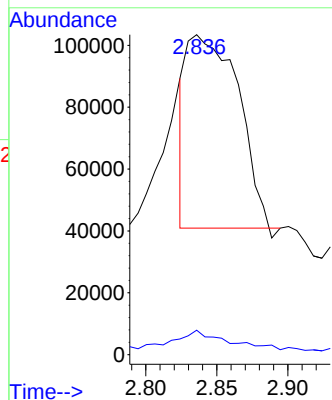
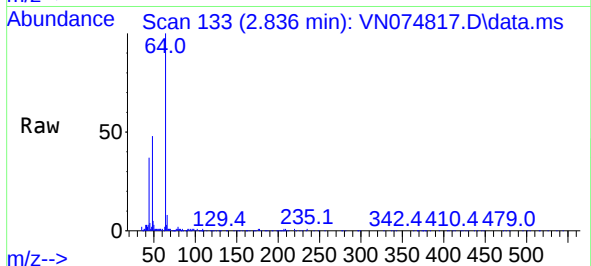




#6
Chloroethane
Concen: 26.126 ug/l
RT: 2.836 min Scan# 11
Delta R.T. -0.277 min
Lab File: VN074817.D
Acq: 07 Oct 2022 17:32

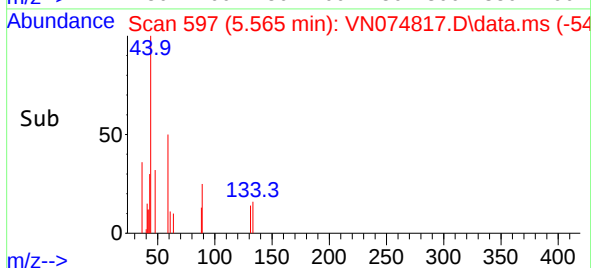
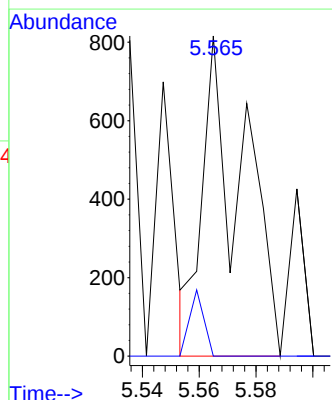
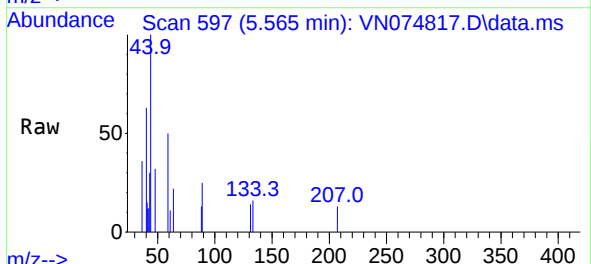
Instrument :
MSVOA_N
ClientSampleId :
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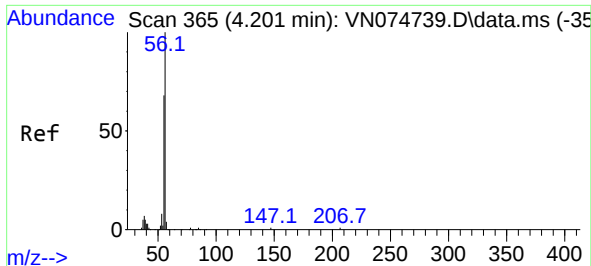
Tgt Ion: 64 Resp: 157463
Ion Ratio Lower Upper
64 100
66 10.1 25.1 37.7#



#11
Tert butyl alcohol
Concen: 0.467 ug/l
RT: 5.565 min Scan# 597
Delta R.T. 0.006 min
Lab File: VN074817.D
Acq: 07 Oct 2022 17:32

Tgt Ion: 59 Resp: 799
Ion Ratio Lower Upper
59 100
57 7.5 7.7 11.5#

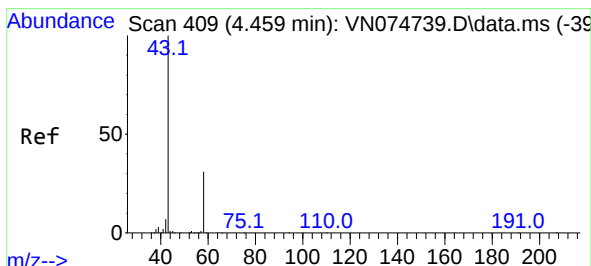
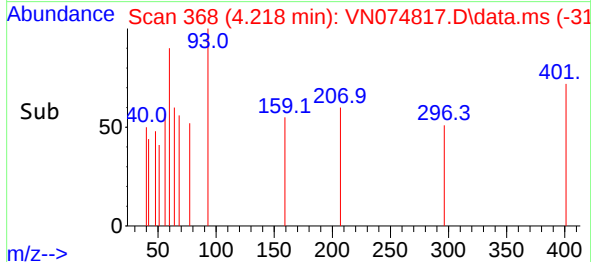
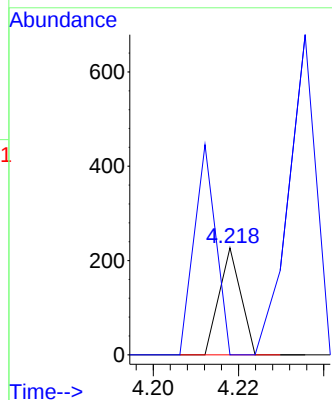
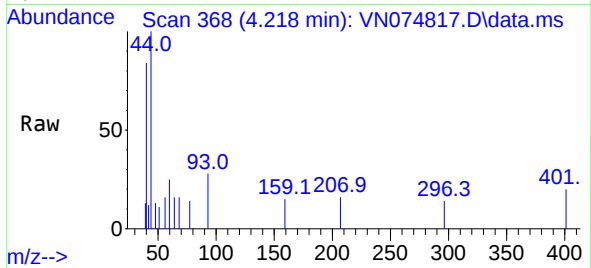




#13
Acrolein
Concen: Below Cal
RT: 4.218 min Scan# 30
Delta R.T. 0.017 min
Lab File: VN074817.D
Acq: 07 Oct 2022 17:32

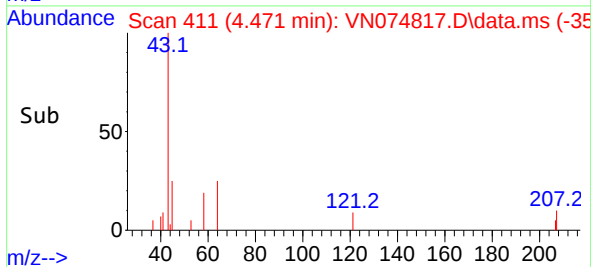
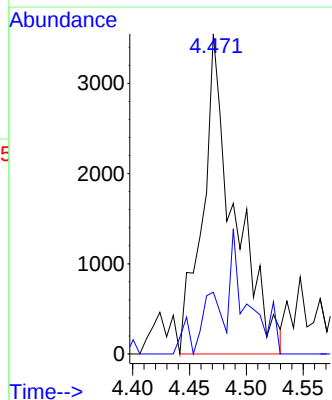
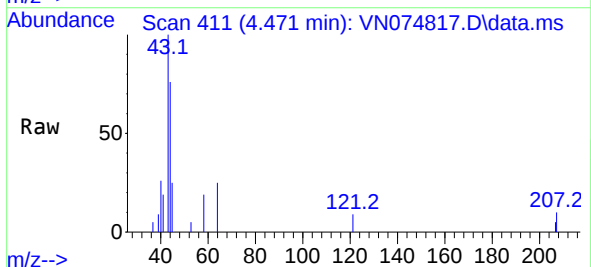
Instrument :
MSVOA_N
ClientSampleId :
006-3

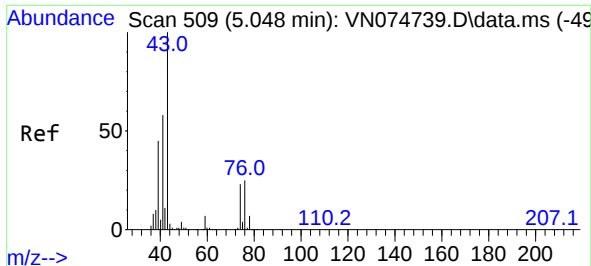
Tgt Ion: 56 Resp: 80
Ion Ratio Lower Upper
56 100
55 196.3 54.9 82.3#



#16
Acetone
Concen: 2.378 ug/l
RT: 4.471 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN074817.D
Acq: 07 Oct 2022 17:32

Tgt Ion: 43 Resp: 6888
Ion Ratio Lower Upper
43 100
58 19.3 24.9 37.3#

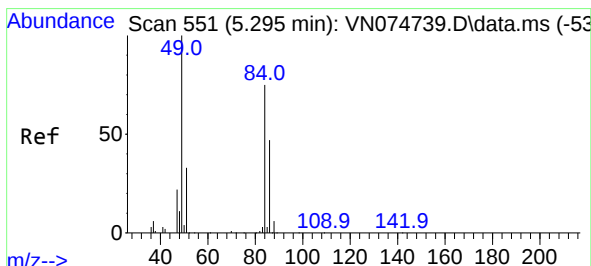
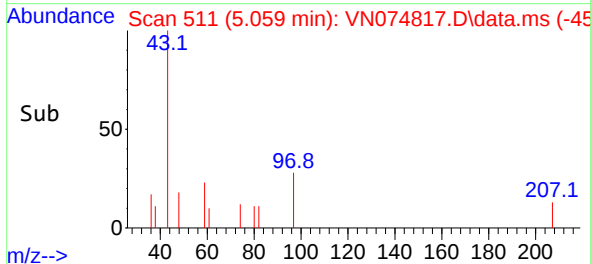
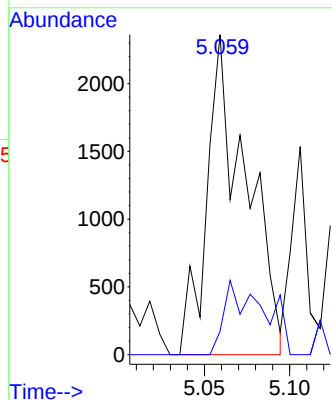
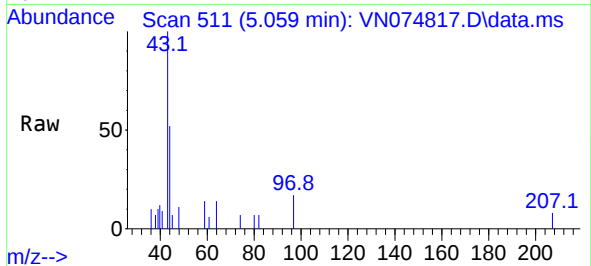




#18
Methyl Acetate
Concen: 0.355 ug/l
RT: 5.059 min Scan# 511
Delta R.T. 0.012 min
Lab File: VN074817.D
Acq: 07 Oct 2022 17:32

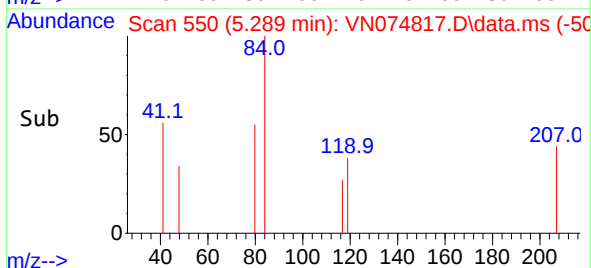
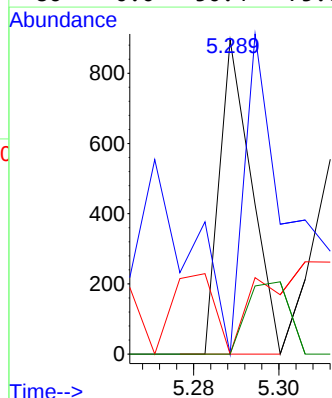
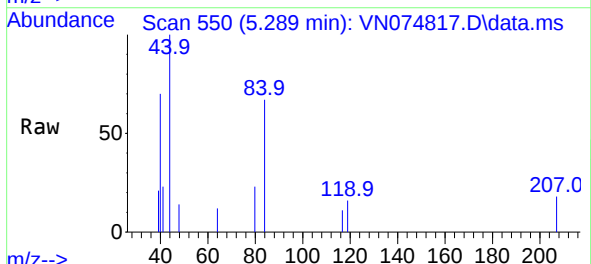
Instrument :
MSVOA_N
ClientSampleId :
006-3

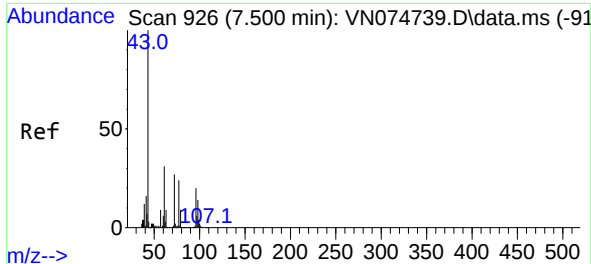
Tgt Ion: 43 Resp: 3803
Ion Ratio Lower Upper
43 100
74 23.1 18.5 27.7



#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 550
Delta R.T. -0.006 min
Lab File: VN074817.D
Acq: 07 Oct 2022 17:32

Tgt Ion: 84 Resp: 466
Ion Ratio Lower Upper
84 100
49 0.0 107.4 161.0#
51 0.0 35.1 52.7#
86 0.0 50.4 75.6#





#25

2-Butanone

Concen: 0.517 ug/l

RT: 7.512 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN074817.D

Acq: 07 Oct 2022 17:32

Instrument :

MSVOA_N

ClientSampleId :

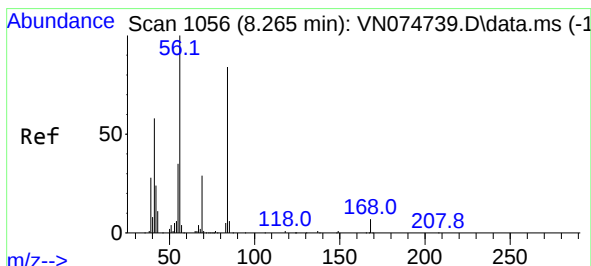
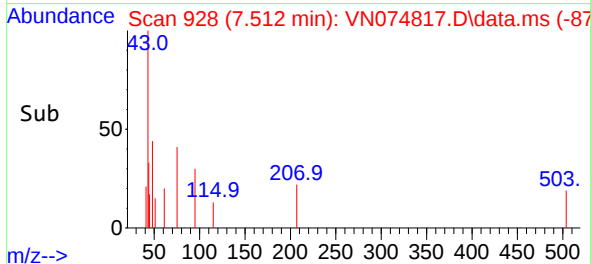
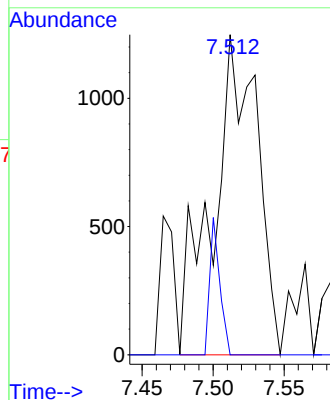
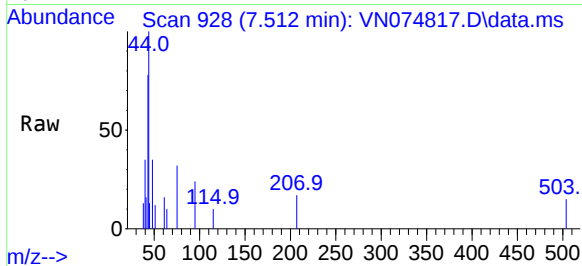
006-3

Tgt Ion: 43 Resp: 2719

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.0#



#31

Cyclohexane

Concen: 0.819 ug/l

RT: 8.235 min Scan# 1051

Delta R.T. -0.030 min

Lab File: VN074817.D

Acq: 07 Oct 2022 17:32

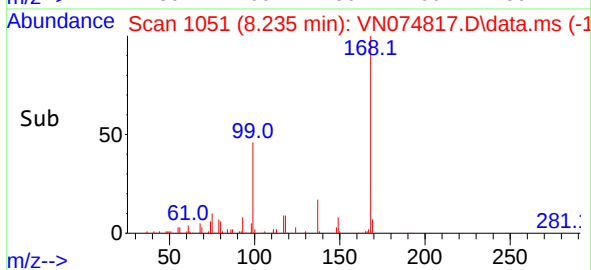
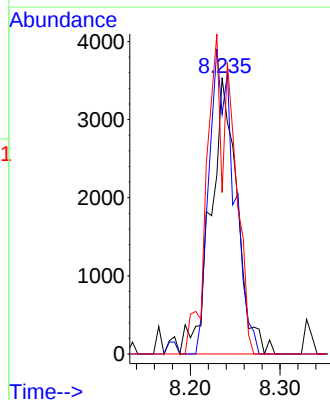
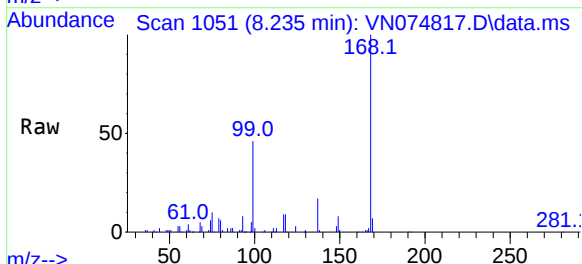
Tgt Ion: 56 Resp: 7233

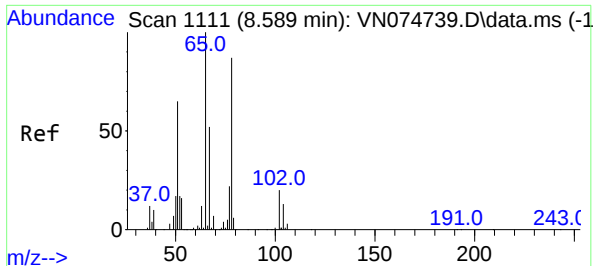
Ion Ratio Lower Upper

56 100

69 86.8 23.1 34.7#

84 58.5 67.1 100.7#

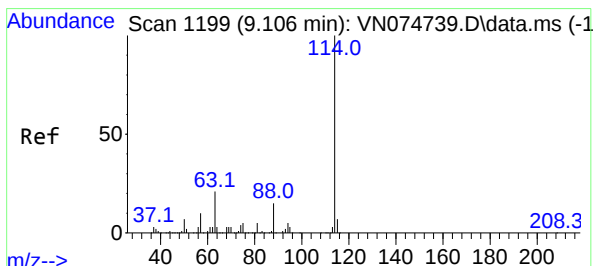
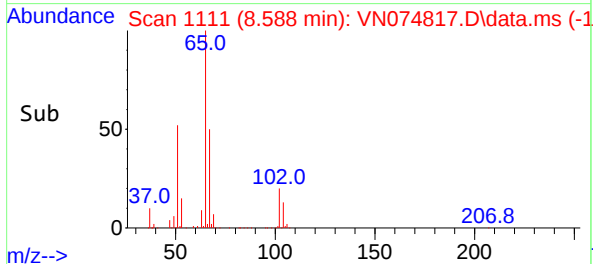
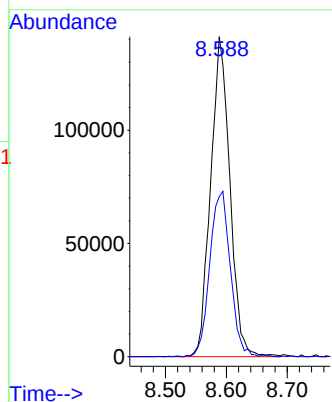
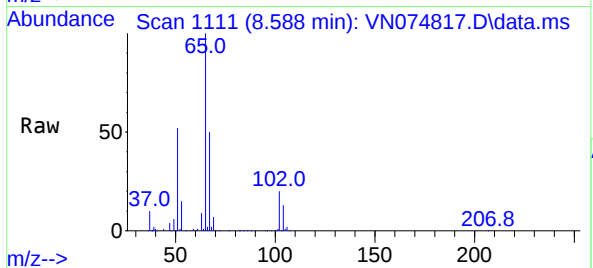




#33
1,2-Dichloroethane-d4
Concen: 60.780 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN074817.D
Acq: 07 Oct 2022 17:32

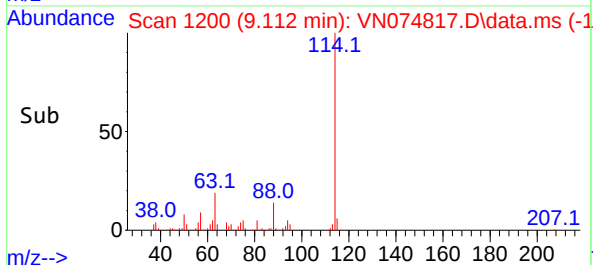
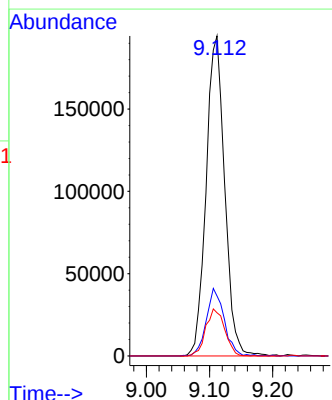
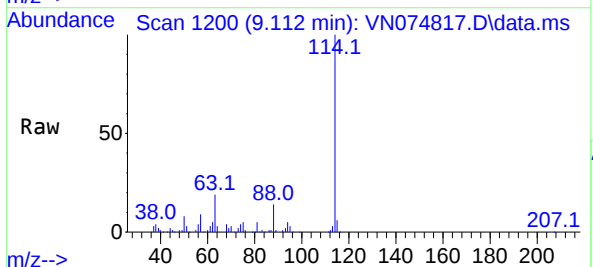
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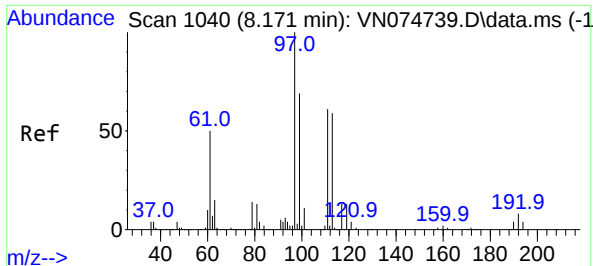
Tgt Ion: 65 Resp: 310670
Ion Ratio Lower Upper
65 100
67 55.1 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 1200
Delta R.T. 0.006 min
Lab File: VN074817.D
Acq: 07 Oct 2022 17:32

Tgt Ion: 114 Resp: 397330
Ion Ratio Lower Upper
114 100
63 18.7 0.0 41.2
88 13.5 0.0 30.2

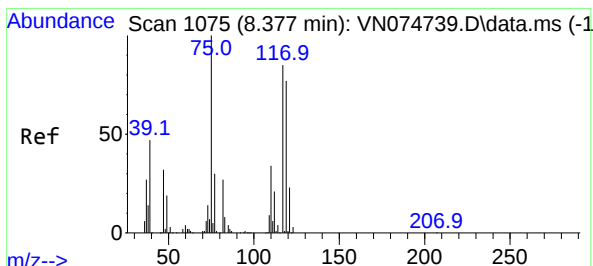
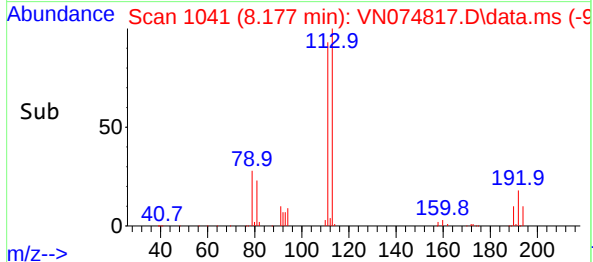
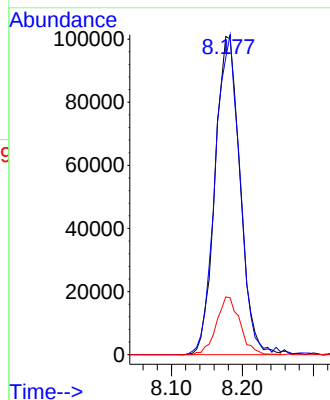
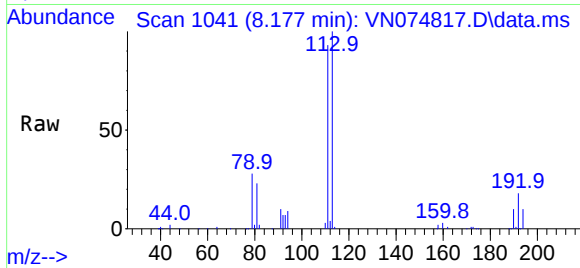




#35
Dibromofluoromethane
Concen: 61.299 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN074817.D
Acq: 07 Oct 2022 17:32

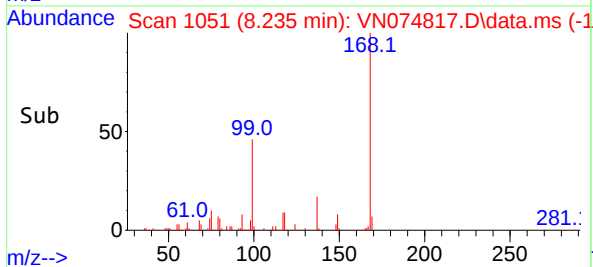
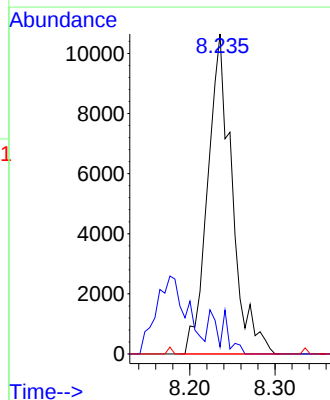
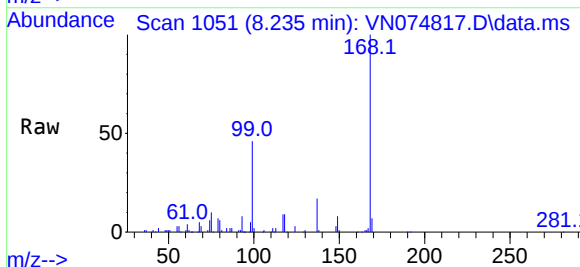
Instrument :
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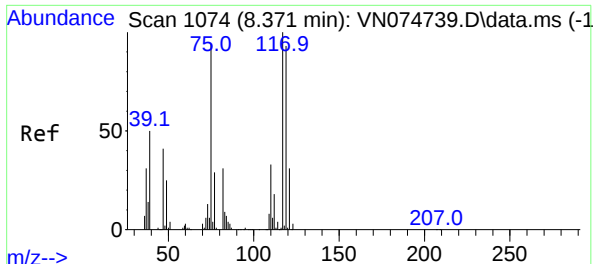
Tgt Ion:113 Resp: 246080
Ion Ratio Lower Upper
113 100
111 99.4 83.0 124.6
192 17.1 12.6 18.8



#36
1,1-Dichloropropene
Concen: 3.241 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.141 min
Lab File: VN074817.D
Acq: 07 Oct 2022 17:32

Tgt Ion: 75 Resp: 21061
Ion Ratio Lower Upper
75 100
110 3.6 17.2 51.5#
77 0.0 24.3 36.5#

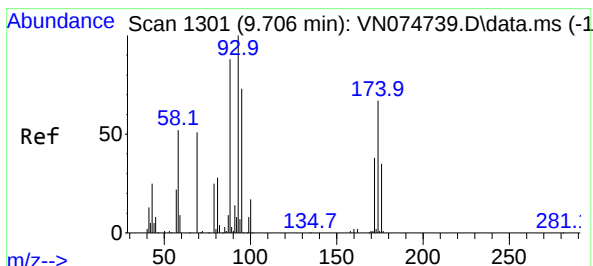
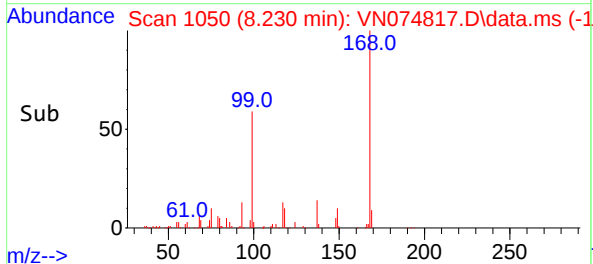
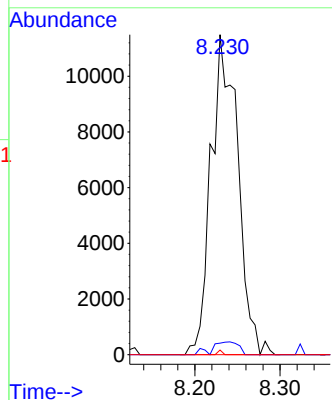
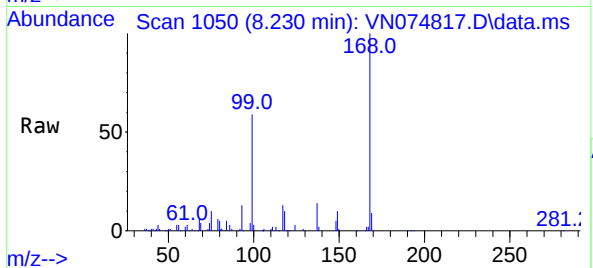




#38
Carbon Tetrachloride
Concen: 4.105 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN074817.D
Acq: 07 Oct 2022 17:32

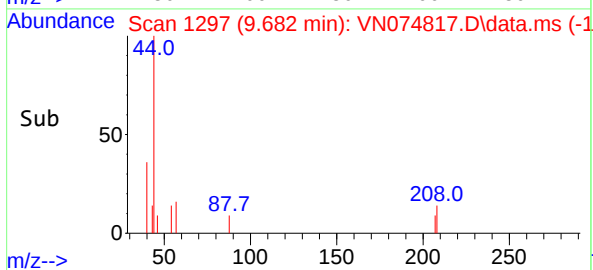
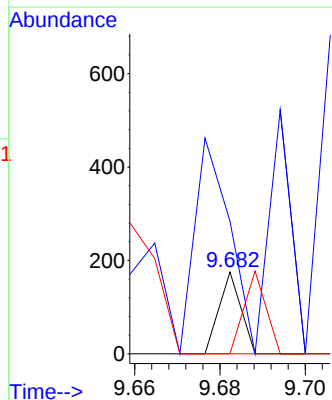
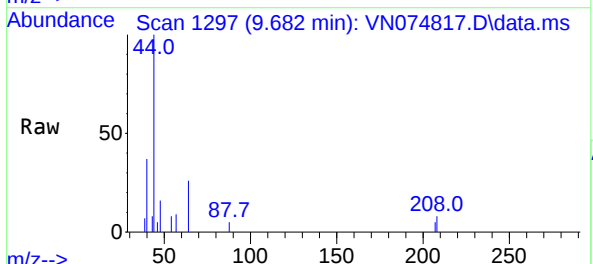
Instrument :
MSVOA_N
ClientSampleId :
006-3

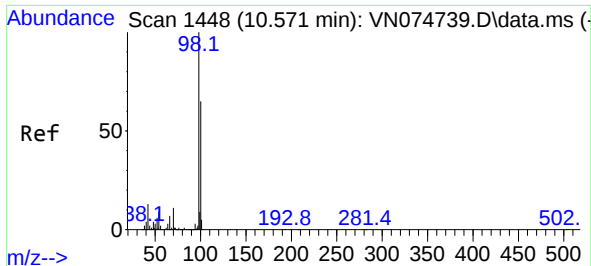
Tgt Ion:117 Resp: 25153
Ion Ratio Lower Upper
117 100
119 3.6 74.3 111.5#
121 1.4 25.0 37.4#



#49
1,4-Dioxane
Concen: 0.433 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.024 min
Lab File: VN074817.D
Acq: 07 Oct 2022 17:32

Tgt Ion: 88 Resp: 62
Ion Ratio Lower Upper
88 100
43 424.2 23.4 35.2#
58 0.0 54.9 82.3#

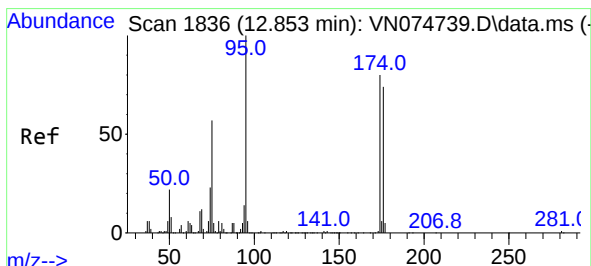
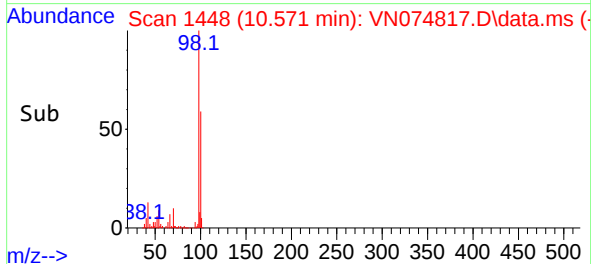
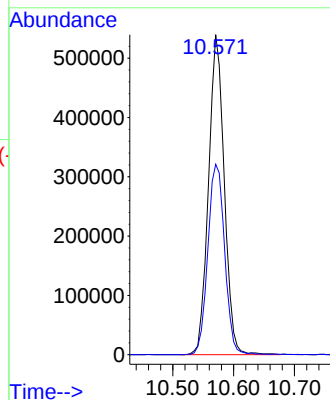
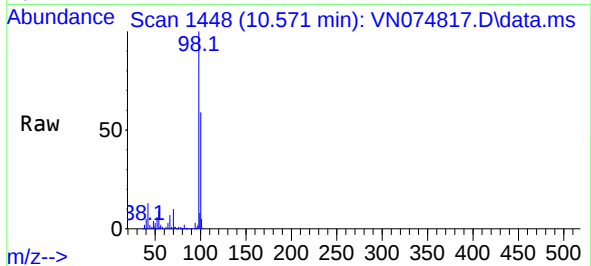




#50
Toluene-d8
Concen: 56.202 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074817.D
Acq: 07 Oct 2022 17:32

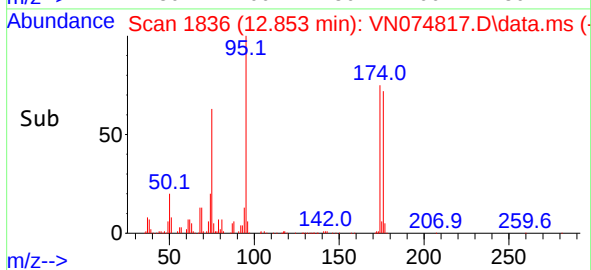
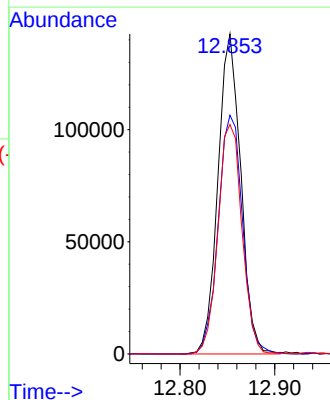
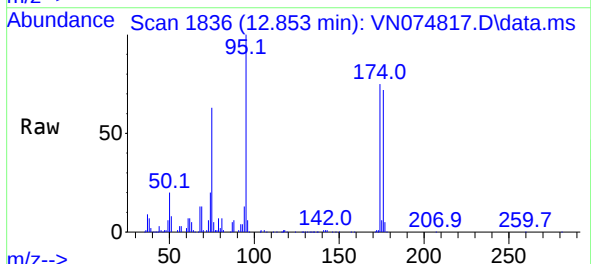
Instrument :
MSVOA_N
ClientSampleId :
006-3

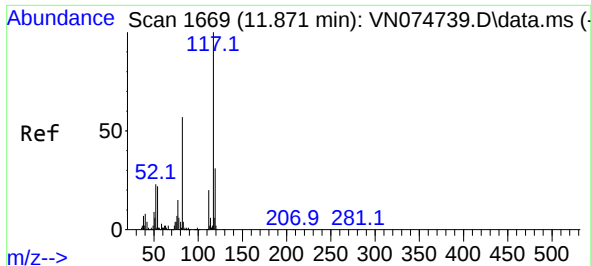
Tgt Ion: 98 Resp: 968109
Ion Ratio Lower Upper
98 100
100 63.5 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 45.563 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074817.D
Acq: 07 Oct 2022 17:32

Tgt Ion: 95 Resp: 238580
Ion Ratio Lower Upper
95 100
174 79.7 0.0 149.4
176 75.6 0.0 142.0

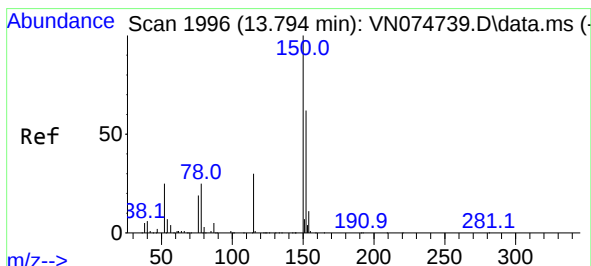
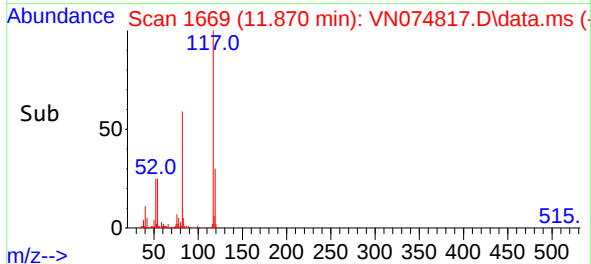
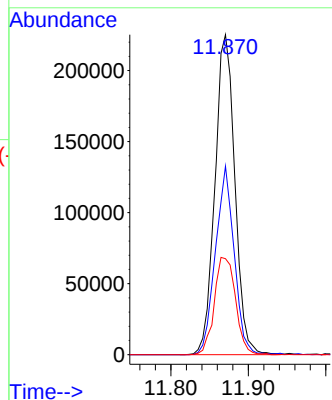
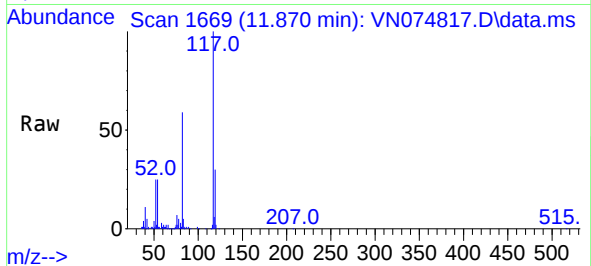




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN074817.D
Acq: 07 Oct 2022 17:32

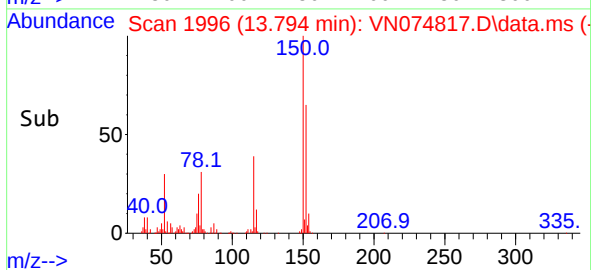
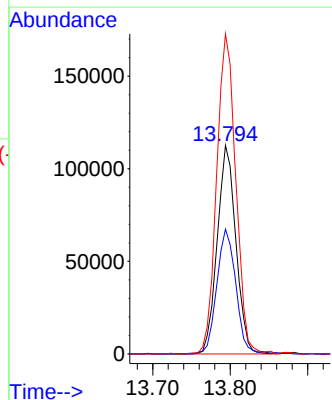
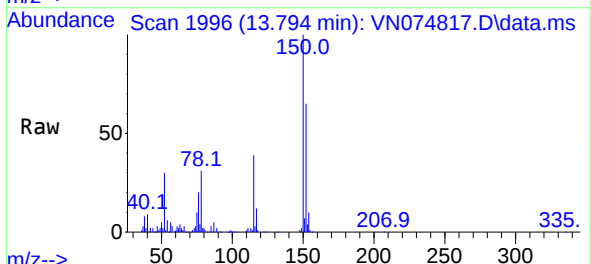
Instrument :
MSVOA_N
ClientSampleId :
006-3

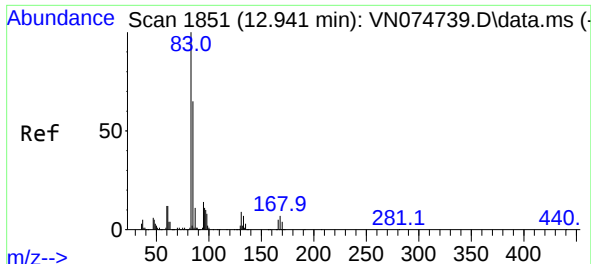
Tgt Ion:117 Resp: 402857
Ion Ratio Lower Upper
117 100
82 58.9 45.4 68.2
119 30.0 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN074817.D
Acq: 07 Oct 2022 17:32

Tgt Ion:152 Resp: 189298
Ion Ratio Lower Upper
152 100
115 60.3 30.0 90.0
150 156.5 0.0 356.4

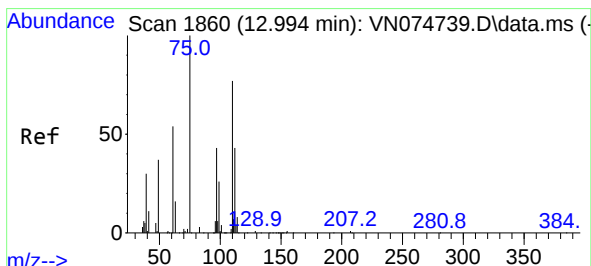
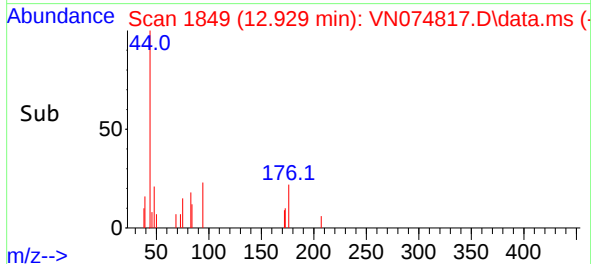
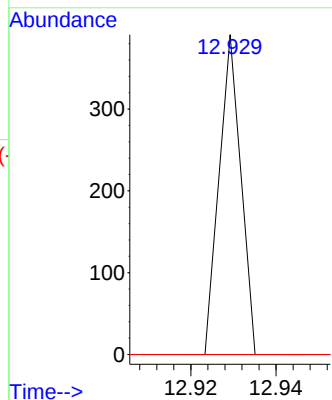
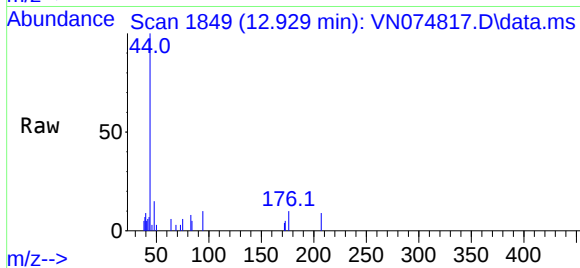




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.929 min Scan# 1849
Delta R.T. -0.012 min
Lab File: VN074817.D
Acq: 07 Oct 2022 17:32

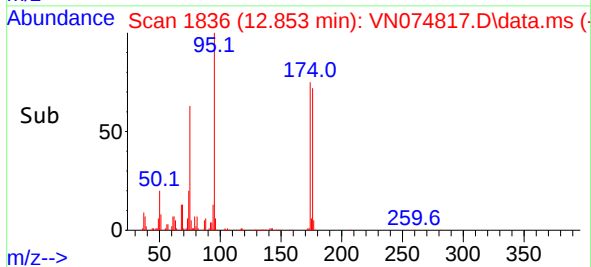
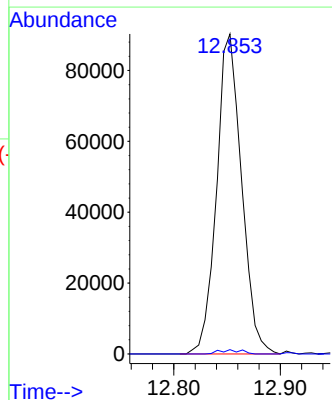
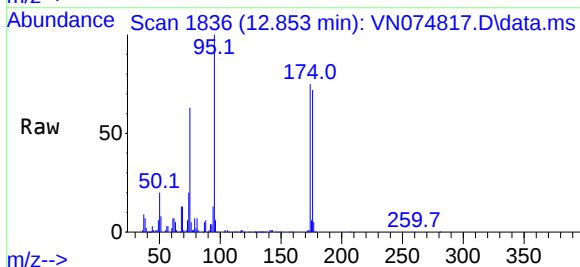
Instrument :
MSVOA_N
ClientSampleId :
006-3

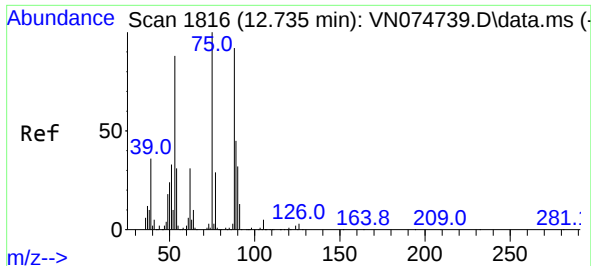
Tgt Ion: 83 Resp: 138
Ion Ratio Lower Upper
83 100
131 0.0 4.3 12.8#
85 0.0 32.9 98.6#



#76
1,2,3-Trichloropropane
Concen: 25.977 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN074817.D
Acq: 07 Oct 2022 17:32

Tgt Ion: 75 Resp: 146772
Ion Ratio Lower Upper
75 100
77 1.2 76.9 230.7#

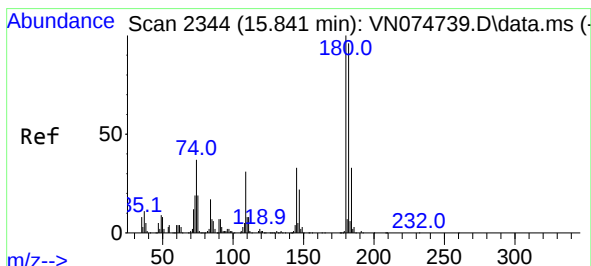
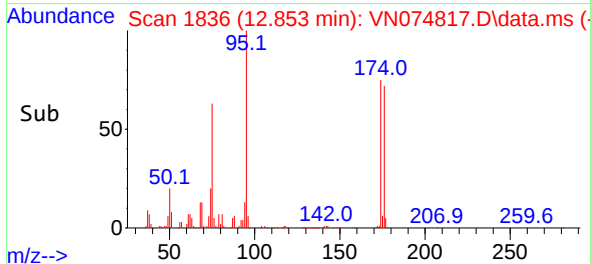
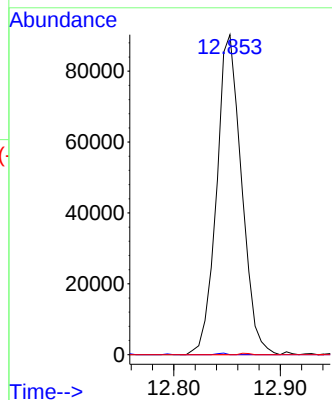
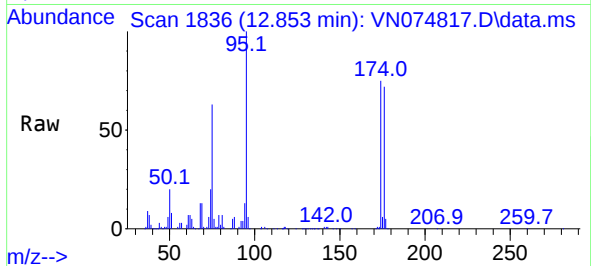




#81
trans-1,4-Dichloro-2-butene
Concen: 50.613 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.117 min
Lab File: VN074817.D
Acq: 07 Oct 2022 17:32

Instrument :
MSVOA_N
ClientSampleId :
006-3

Tgt Ion: 75 Resp: 146772
Ion Ratio Lower Upper
75 100
53 0.2 71.4 107.0#
89 0.2 32.1 48.1#



#96
1,2,3-Trichlorobenzene
Concen: Below Cal
RT: 15.829 min Scan# 2342
Delta R.T. -0.012 min
Lab File: VN074817.D
Acq: 07 Oct 2022 17:32

Tgt Ion:180 Resp: 106
Ion Ratio Lower Upper
180 100
182 0.0 47.3 142.0#
145 0.0 17.1 51.2#

