

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062024\
 Data File : VN082667.D
 Acq On : 20 Jun 2024 14:47
 Operator : JC\MD
 Sample : P2978-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 21 02:06:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

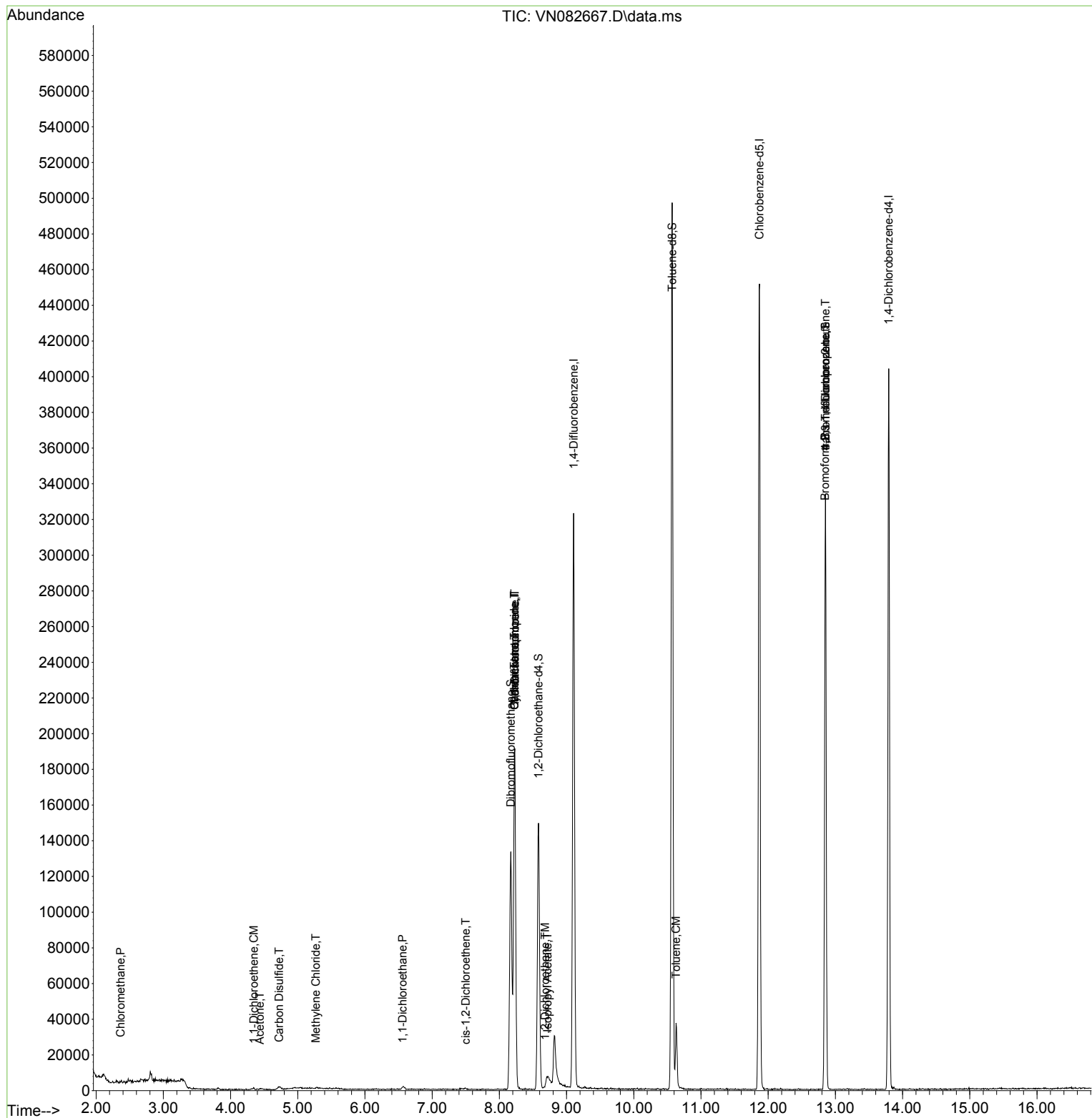
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	135494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	249359	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	243284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100707	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	123611	56.889	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 113.780%		
35) Dibromofluoromethane	8.171	113	89660	53.002	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 106.000%		
50) Toluene-d8	10.571	98	321233	50.215	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.440%		
62) 4-Bromofluorobenzene	12.853	95	103755	47.044	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 94.080%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	674	0.297	ug/l #	75
12) 1,1-Dichloroethene	4.348	96	584	0.387	ug/l #	27
16) Acetone	4.436	43	1103	1.116	ug/l #	48
17) Carbon Disulfide	4.724	76	2341	0.489	ug/l #	75
20) Methylene Chloride	5.271	84	385	0.222	ug/l #	57
24) 1,1-Dichloroethane	6.559	63	1215	0.362	ug/l #	83
27) cis-1,2-Dichloroethene	7.500	96	392	0.203	ug/l	74
31) Cyclohexane	8.224	56	3953	1.261	ug/l #	32
36) 1,1-Dichloropropene	8.230	75	12036	4.760	ug/l #	51
38) Carbon Tetrachloride	8.224	117	14165	4.970	ug/l #	17
42) 1,2-Dichloroethane	8.683	62	1062	0.357	ug/l #	78
43) Isopropyl Acetate	8.718	43	10466	1.739	ug/l #	60
52) Toluene	10.630	92	13794	2.913	ug/l	98
71) Bromoform	12.847	173	1283	0.816	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	58995	23.951	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	58995	57.301	ug/l #	6

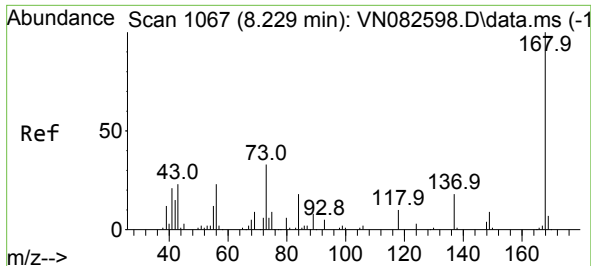
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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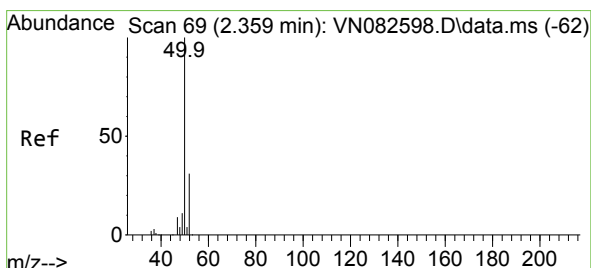
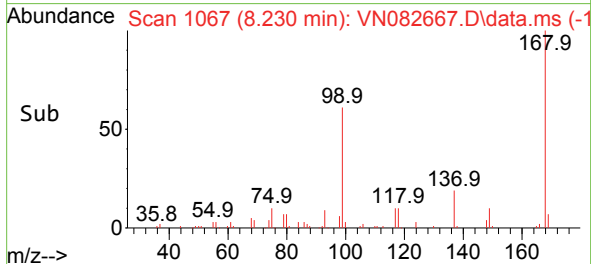
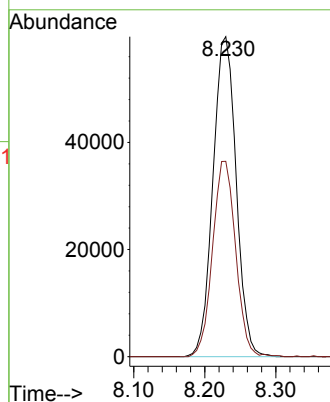
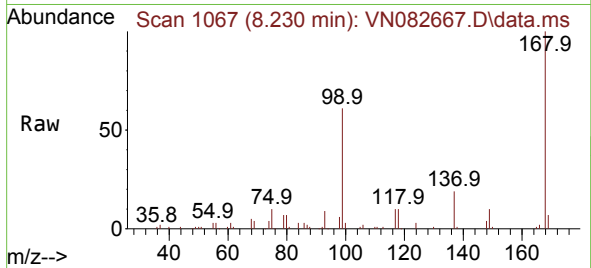




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN082667.D
Acq: 20 Jun 2024 14:47

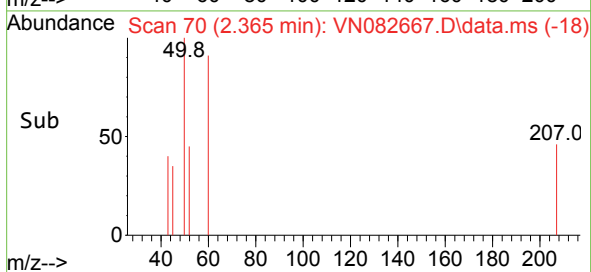
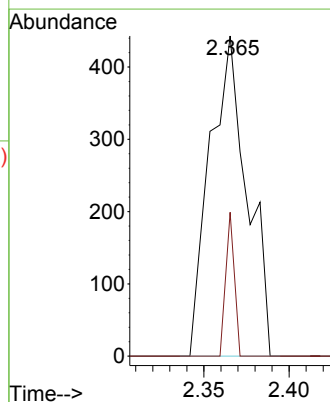
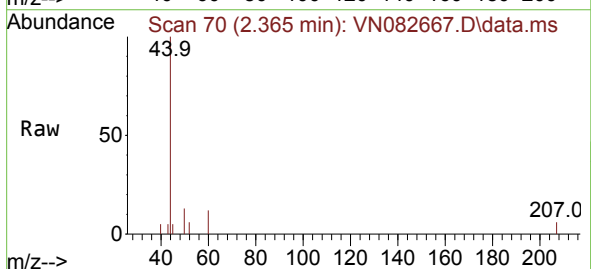
Instrument :
MSVOA_N
ClientSampleId :

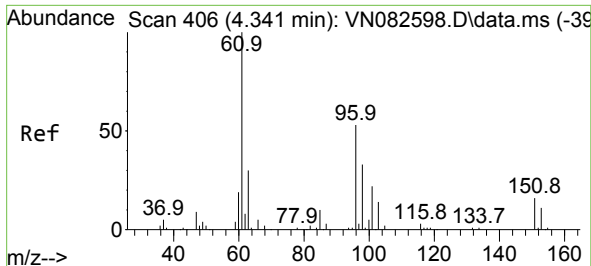
Tgt Ion:168 Resp: 135494
Ion Ratio Lower Upper
168 100
99 61.0 48.2 72.4



#3
Chloromethane
Concen: 0.297 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082667.D
Acq: 20 Jun 2024 14:47

Tgt Ion: 50 Resp: 674
Ion Ratio Lower Upper
50 100
52 44.9 25.0 37.4#

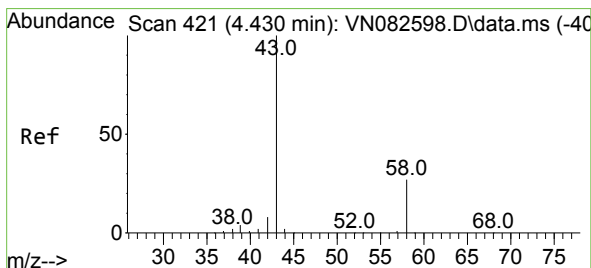
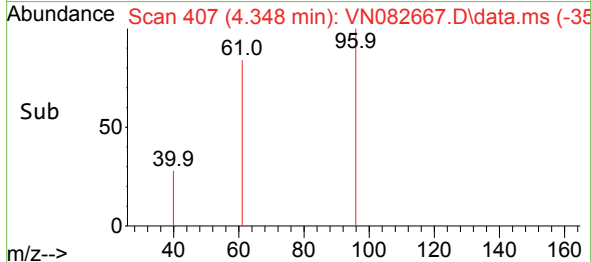
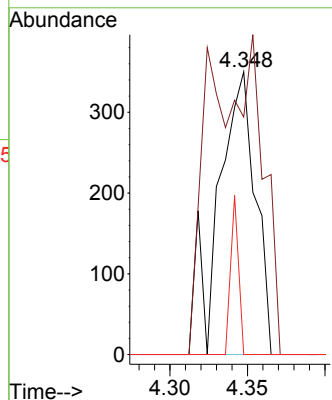
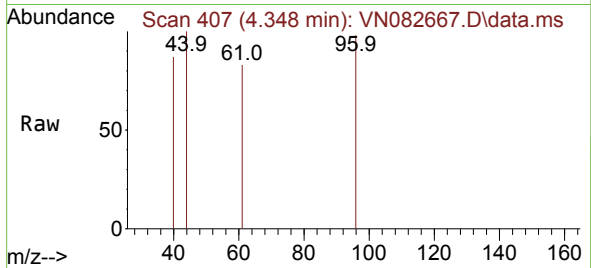




#12
1,1-Dichloroethene
Concen: 0.387 ug/l
RT: 4.348 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN082667.D
Acq: 20 Jun 2024 14:47

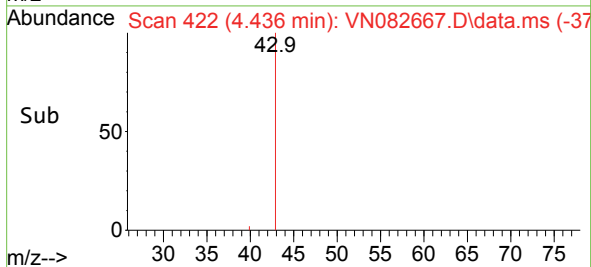
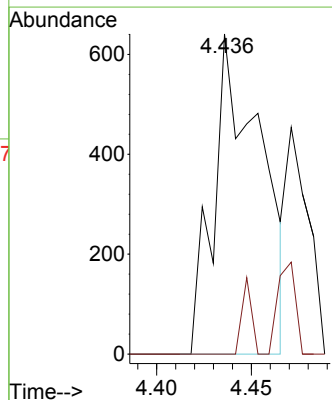
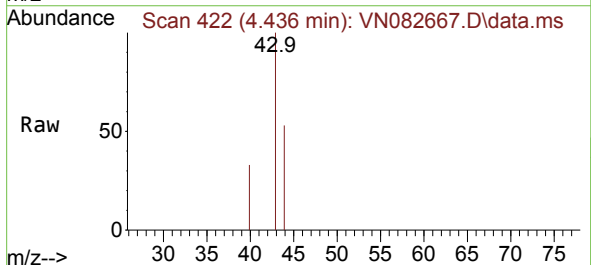
Instrument :
MSVOA_N
ClientSampleId :

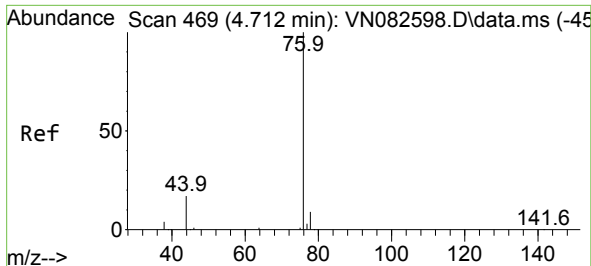
Tgt Ion: 96 Resp: 584
Ion Ratio Lower Upper
96 100
61 84.0 149.7 224.5#
98 0.0 50.1 75.1#



#16
Acetone
Concen: 1.116 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082667.D
Acq: 20 Jun 2024 14:47

Tgt Ion: 43 Resp: 1103
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#





#17

Carbon Disulfide

Concen: 0.489 ug/l

RT: 4.724 min Scan# 41

Delta R.T. 0.012 min

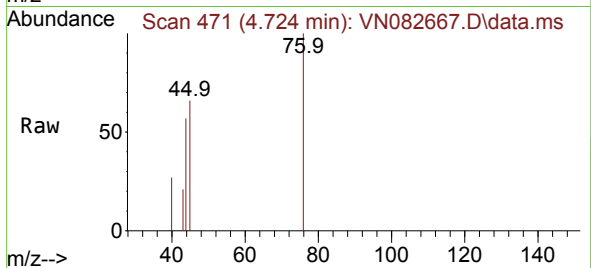
Lab File: VN082667.D

Acq: 20 Jun 2024 14:47

Instrument :

MSVOA_N

ClientSampleId :

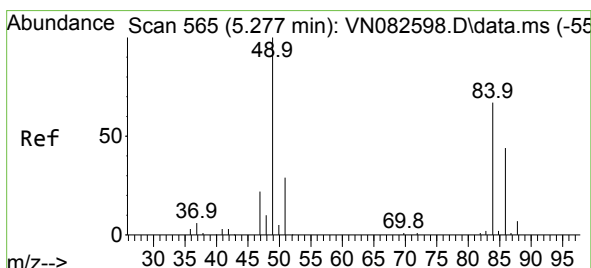
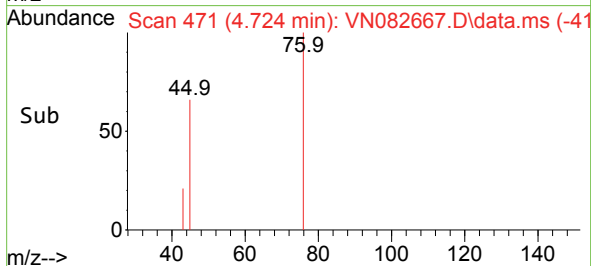
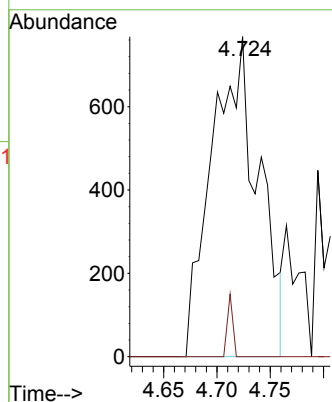


Tgt Ion: 76 Resp: 2341

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#20

Methylene Chloride

Concen: 0.222 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.006 min

Lab File: VN082667.D

Acq: 20 Jun 2024 14:47

Tgt Ion: 84 Resp: 385

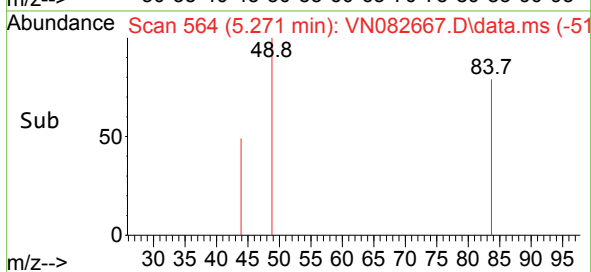
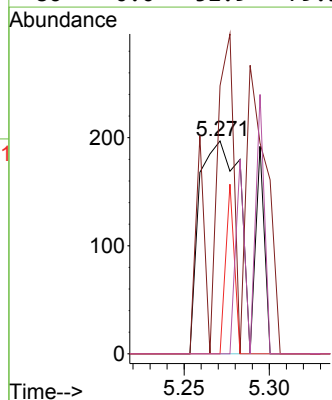
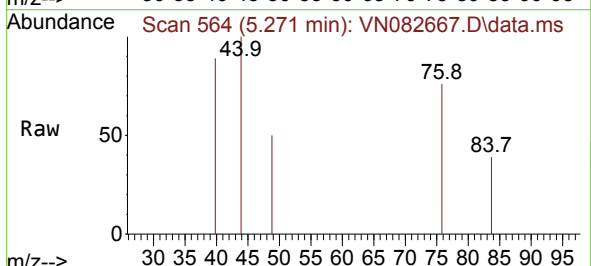
Ion Ratio Lower Upper

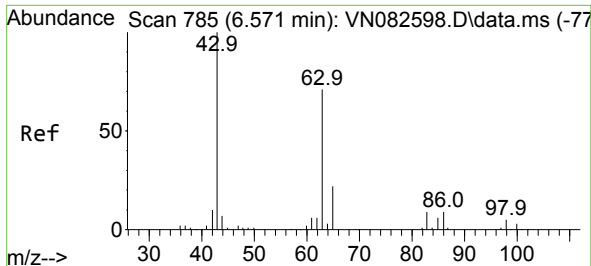
84 100

49 125.9 119.6 179.4

51 0.0 34.8 52.2#

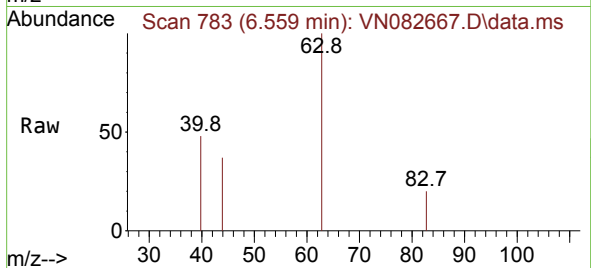
86 0.0 52.9 79.3#



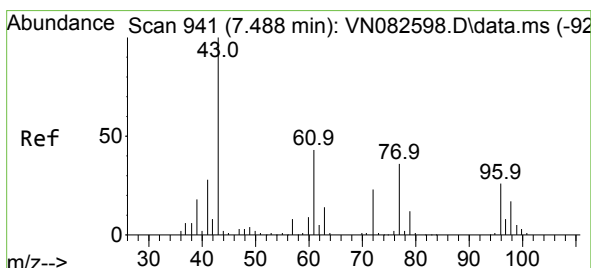
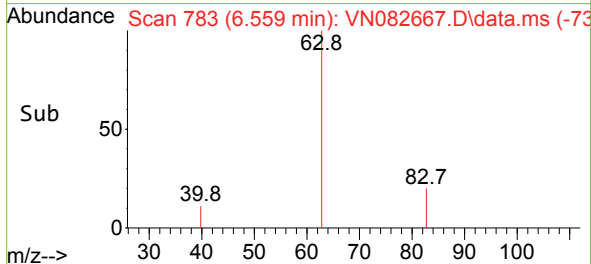
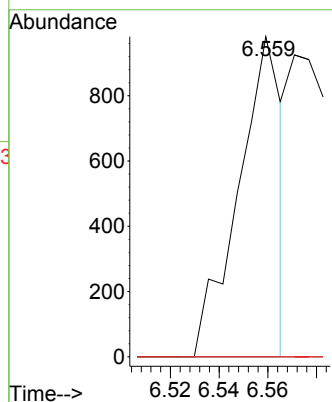


#24
1,1-Dichloroethane
Concen: 0.362 ug/l
RT: 6.559 min Scan# 71
Delta R.T. -0.012 min
Lab File: VN082667.D
Acq: 20 Jun 2024 14:47

Instrument :
MSVOA_N
ClientSampleId :

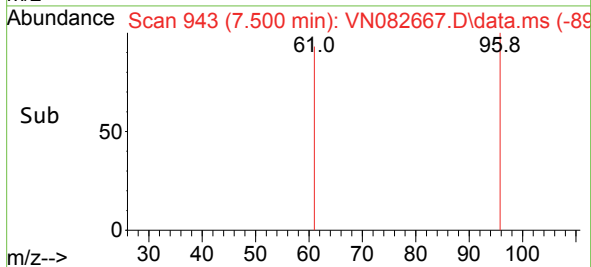
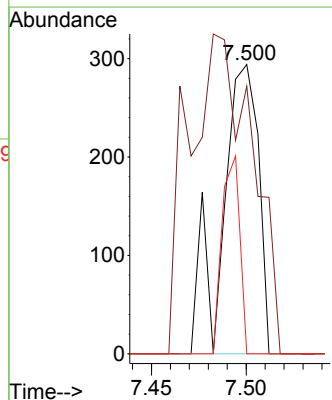
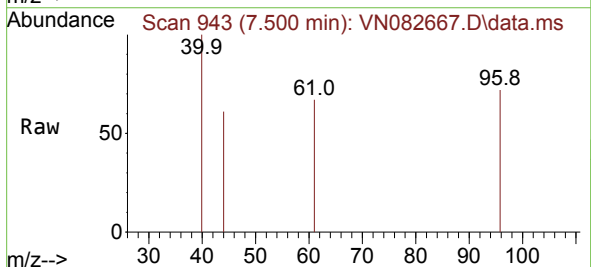


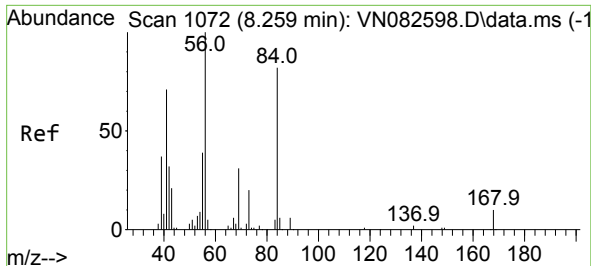
Tgt Ion: 63 Resp: 1215
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.9#
100 0.0 2.0 6.0#



#27
cis-1,2-Dichloroethene
Concen: 0.203 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.012 min
Lab File: VN082667.D
Acq: 20 Jun 2024 14:47

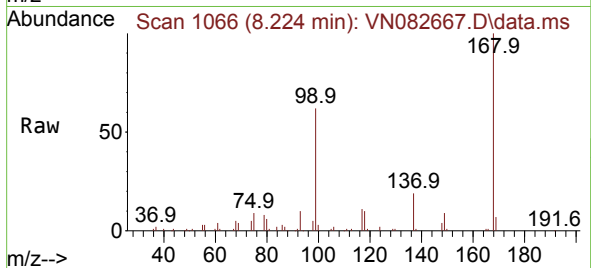
Tgt Ion: 96 Resp: 392
Ion Ratio Lower Upper
96 100
61 193.1 0.0 329.6
98 33.4 0.0 128.6



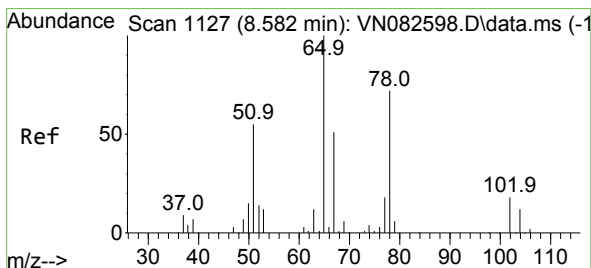
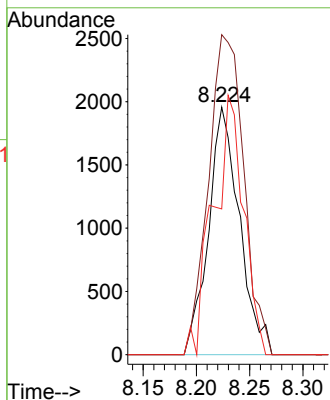
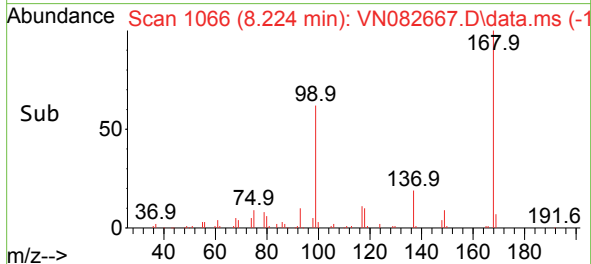


#31
Cyclohexane
Concen: 1.261 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082667.D
Acq: 20 Jun 2024 14:47

Instrument :
MSVOA_N
ClientSampleId :

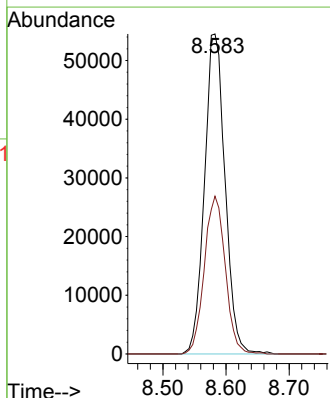
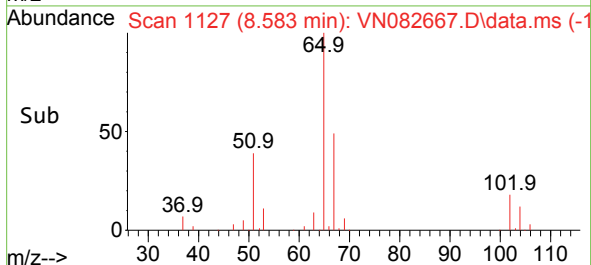
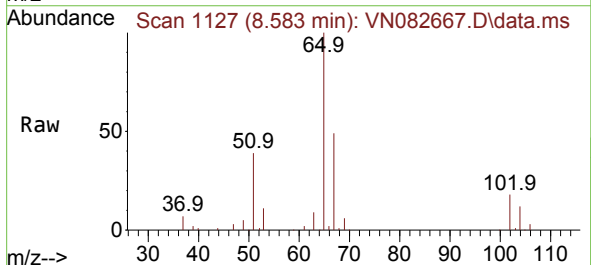


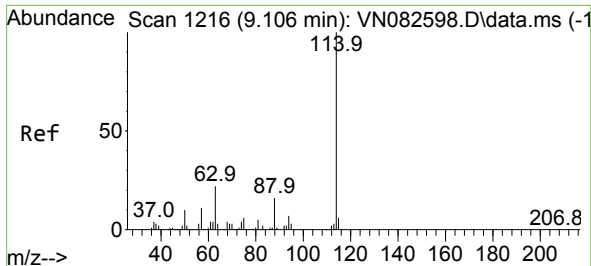
Tgt Ion: 56 Resp: 3953
Ion Ratio Lower Upper
56 100
69 129.3 24.5 36.7#
84 58.9 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 56.889 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082667.D
Acq: 20 Jun 2024 14:47

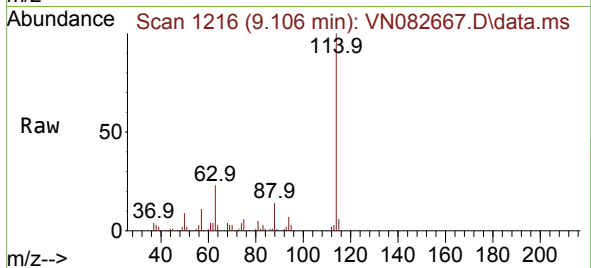
Tgt Ion: 65 Resp: 123611
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.4



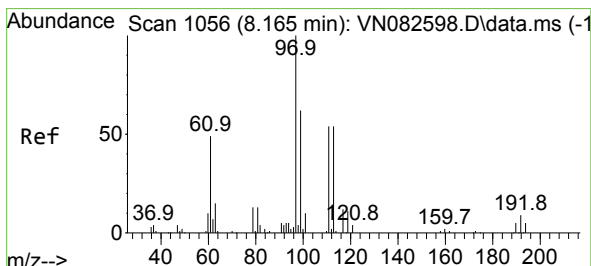
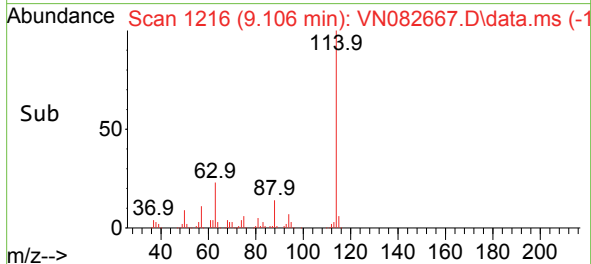
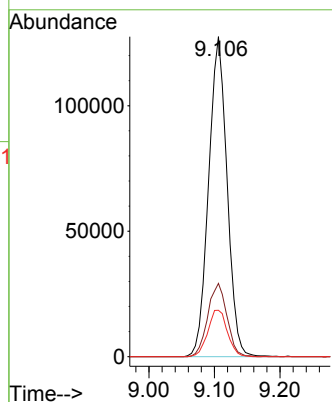


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN082667.D
Acq: 20 Jun 2024 14:47

Instrument :
MSVOA_N
ClientSampleId :

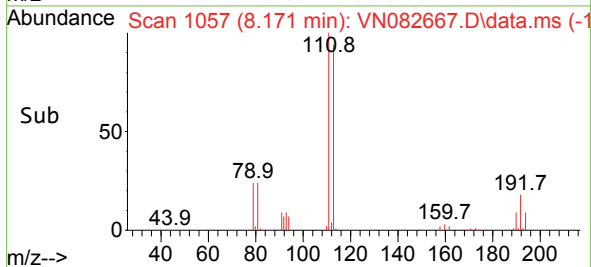
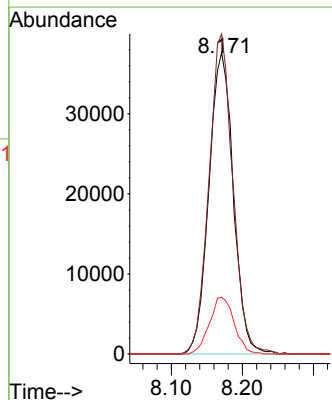
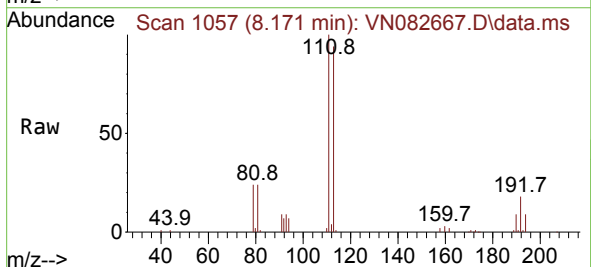


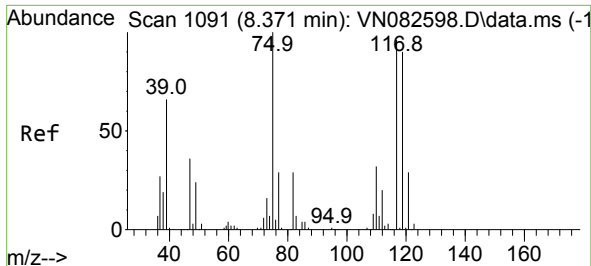
Tgt Ion:114 Resp: 249359
Ion Ratio Lower Upper
114 100
63 22.9 0.0 44.6
88 14.5 0.0 31.4



#35
Dibromofluoromethane
Concen: 53.002 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082667.D
Acq: 20 Jun 2024 14:47

Tgt Ion:113 Resp: 89660
Ion Ratio Lower Upper
113 100
111 104.1 82.4 123.6
192 19.1 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.760 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

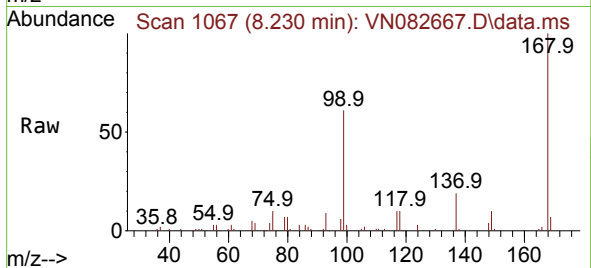
Lab File: VN082667.D

Acq: 20 Jun 2024 14:47

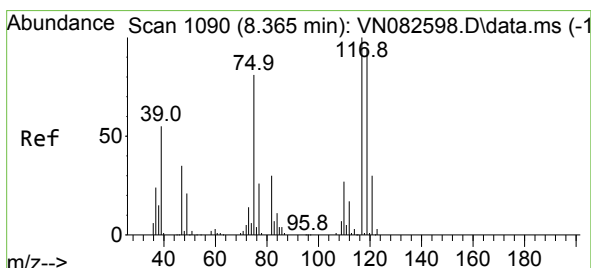
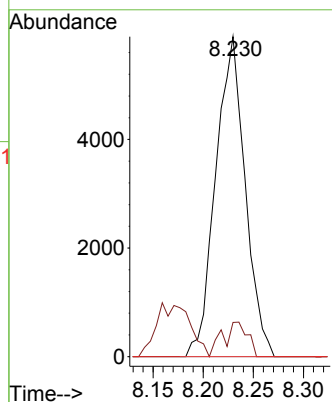
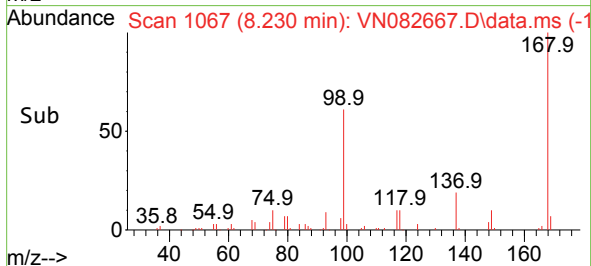
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	12036
Ion	Ratio	Lower	Upper
75	100		
110	9.0	16.3	48.9#
77	0.0	24.6	37.0#



#38

Carbon Tetrachloride

Concen: 4.970 ug/l

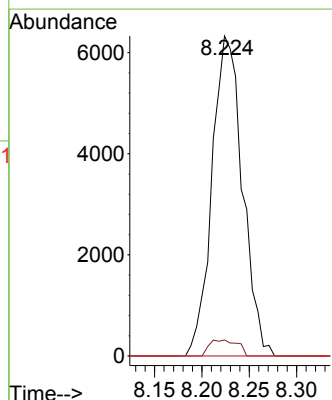
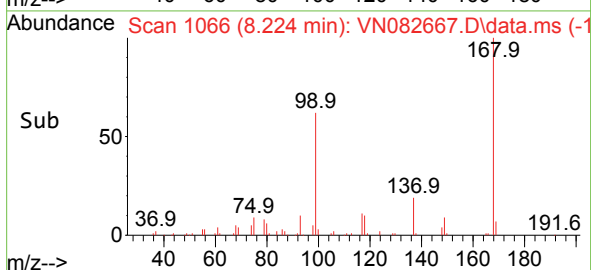
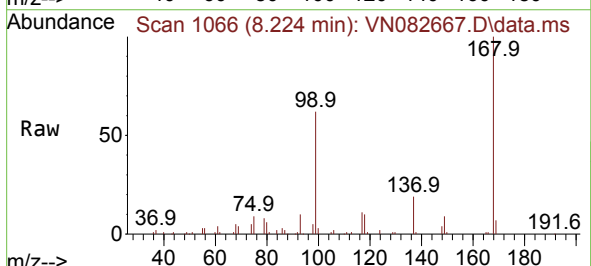
RT: 8.224 min Scan# 1066

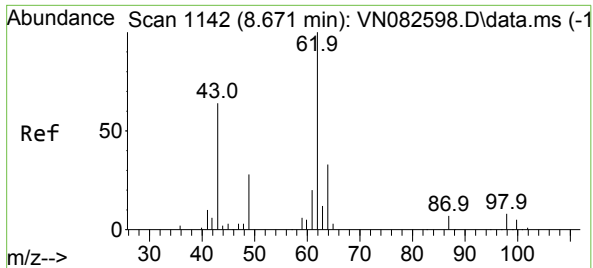
Delta R.T. -0.141 min

Lab File: VN082667.D

Acq: 20 Jun 2024 14:47

Tgt Ion:	117	Resp:	14165
Ion	Ratio	Lower	Upper
117	100		
119	5.0	74.9	112.3#
121	0.0	24.3	36.5#





#42

1,2-Dichloroethane

Concen: 0.357 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. 0.012 min

Lab File: VN082667.D

Acq: 20 Jun 2024 14:47

Instrument :

MSVOA_N

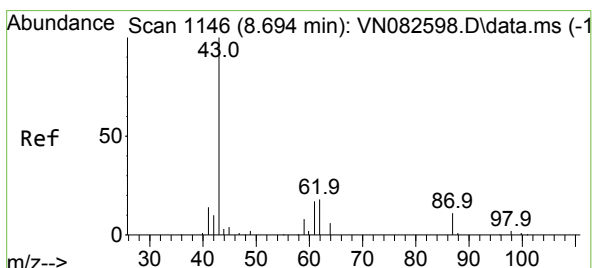
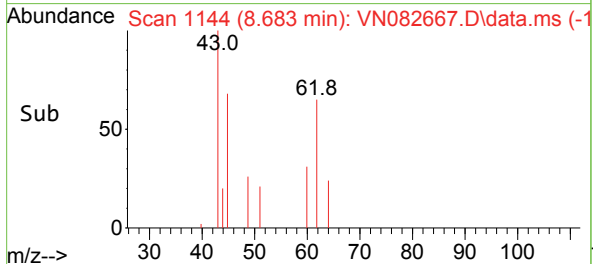
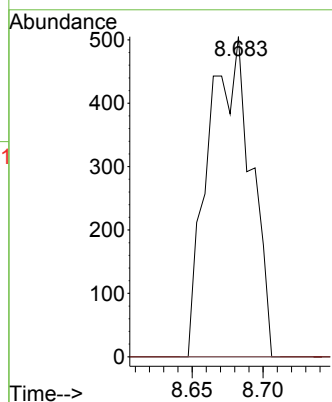
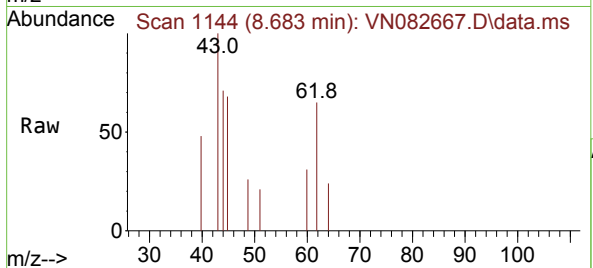
ClientSampleId :

Tgt Ion: 62 Resp: 1062

Ion Ratio Lower Upper

62 100

98 0.0 0.0 15.8



#43

Isopropyl Acetate

Concen: 1.739 ug/l

RT: 8.718 min Scan# 1150

Delta R.T. 0.024 min

Lab File: VN082667.D

Acq: 20 Jun 2024 14:47

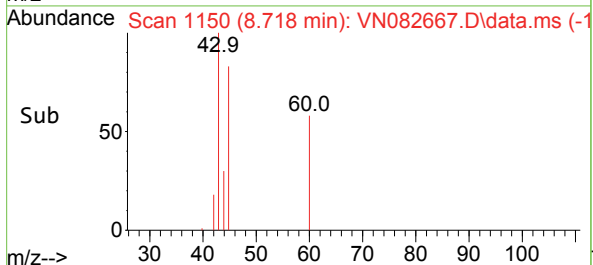
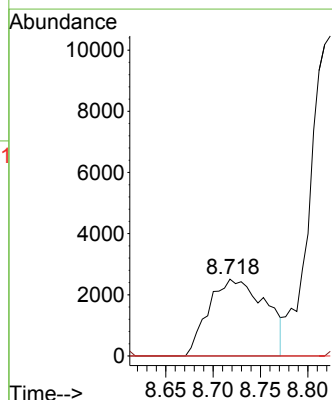
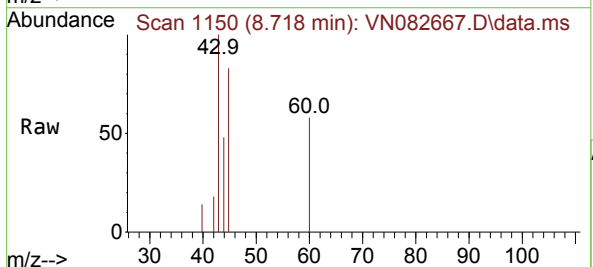
Tgt Ion: 43 Resp: 10466

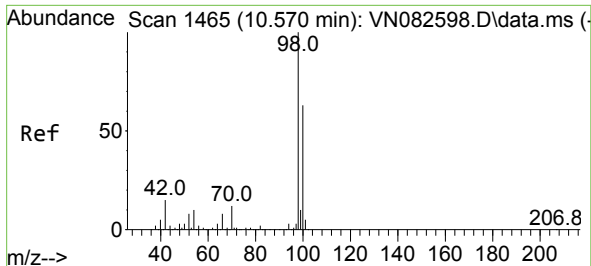
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

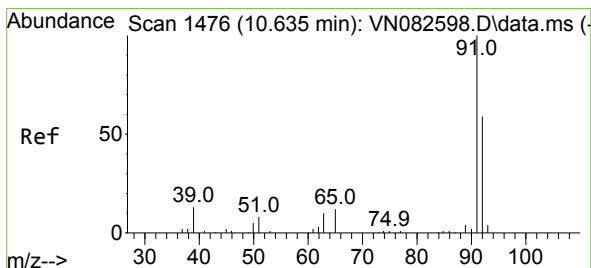
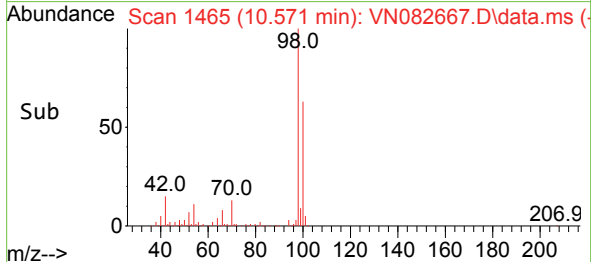
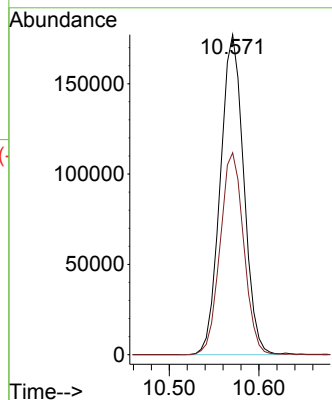
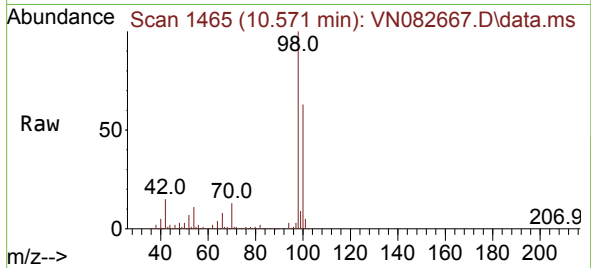




#50
Toluene-d8
Concen: 50.215 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082667.D
Acq: 20 Jun 2024 14:47

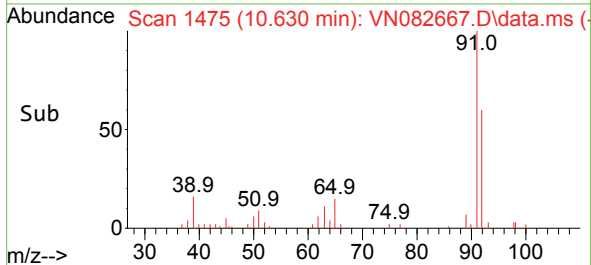
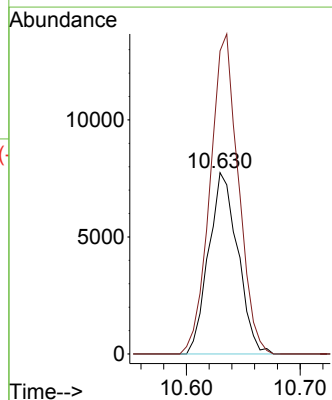
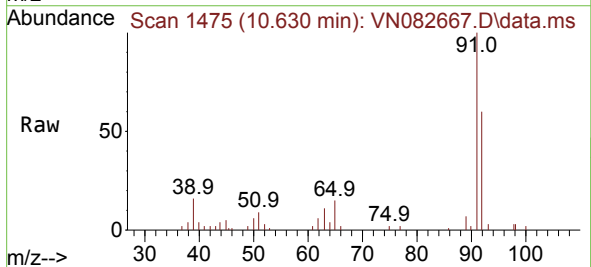
Instrument :
MSVOA_N
ClientSampleId :

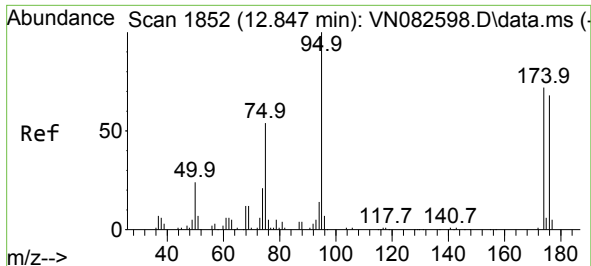
Tgt Ion: 98 Resp: 321233
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3



#52
Toluene
Concen: 2.913 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN082667.D
Acq: 20 Jun 2024 14:47

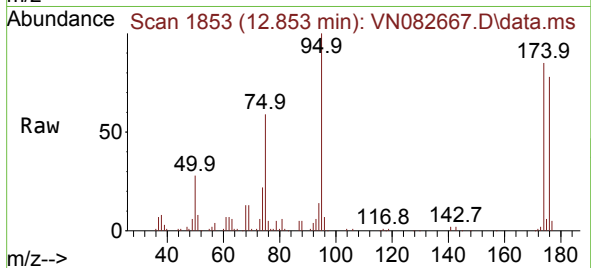
Tgt Ion: 92 Resp: 13794
Ion Ratio Lower Upper
92 100
91 171.7 139.4 209.0



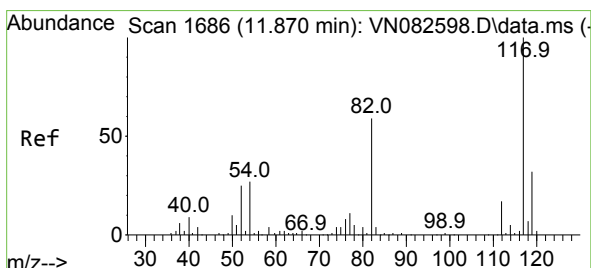
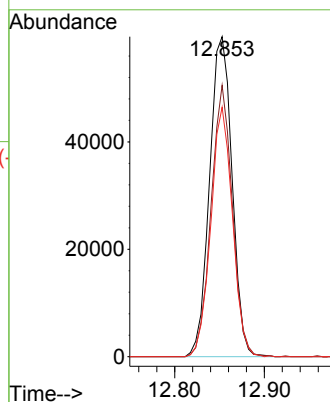
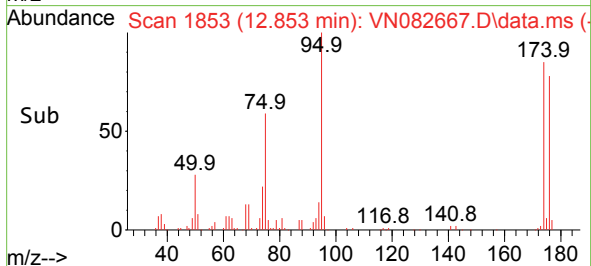


#62
4-Bromofluorobenzene
Concen: 47.044 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082667.D
Acq: 20 Jun 2024 14:47

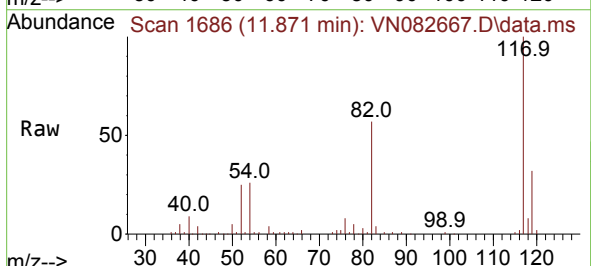
Instrument :
MSVOA_N
ClientSampleId :



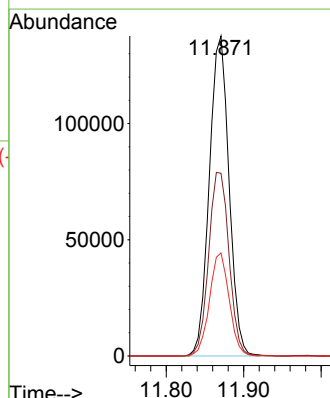
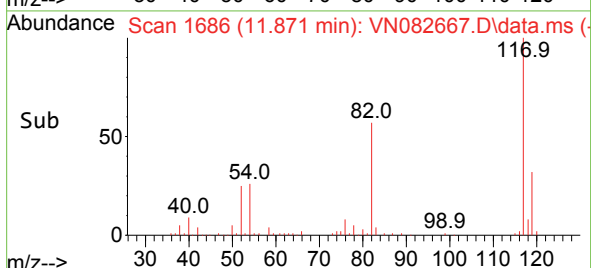
Tgt Ion: 95 Resp: 103755
Ion Ratio Lower Upper
95 100
174 80.3 0.0 159.2
176 75.0 0.0 147.6

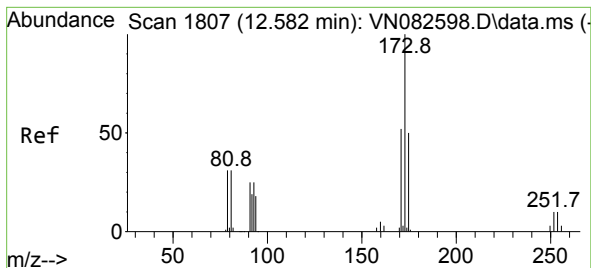


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN082667.D
Acq: 20 Jun 2024 14:47



Tgt Ion: 117 Resp: 243284
Ion Ratio Lower Upper
117 100
82 57.1 47.5 71.3
119 32.2 25.6 38.4





#71

Bromoform

Concen: 0.816 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.265 min

Lab File: VN082667.D

Acq: 20 Jun 2024 14:47

Instrument :

MSVOA_N

ClientSampleId :

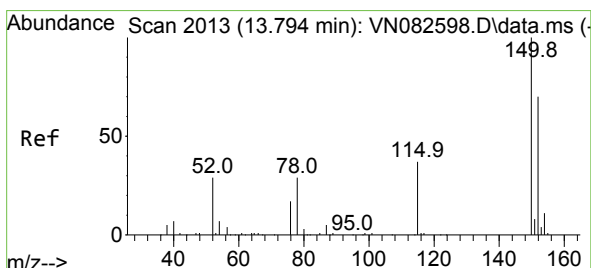
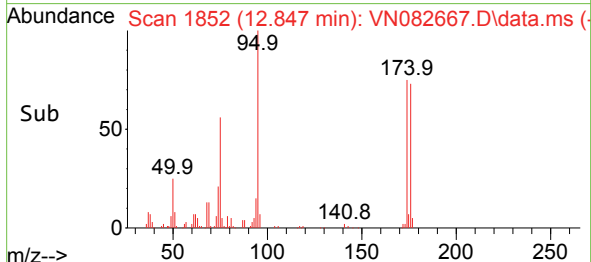
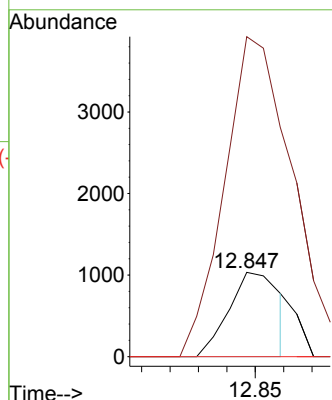
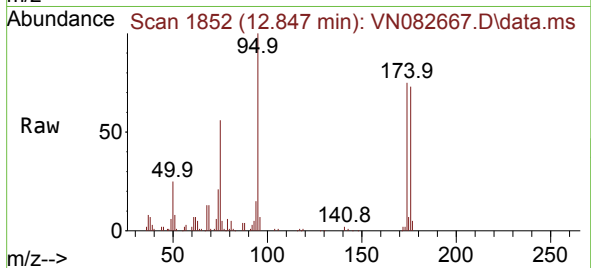
Tgt Ion:173 Resp: 1283

Ion Ratio Lower Upper

173 100

175 408.3 24.0 72.0#

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: VN082667.D

Acq: 20 Jun 2024 14:47

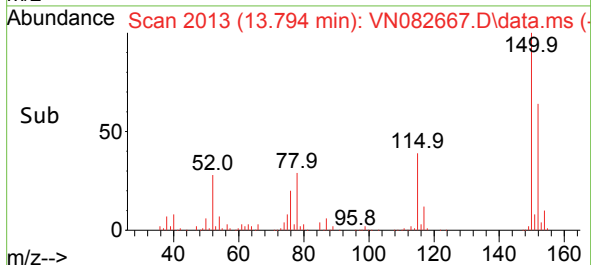
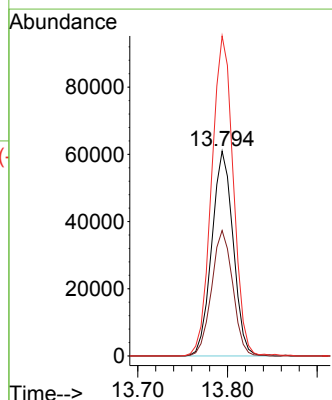
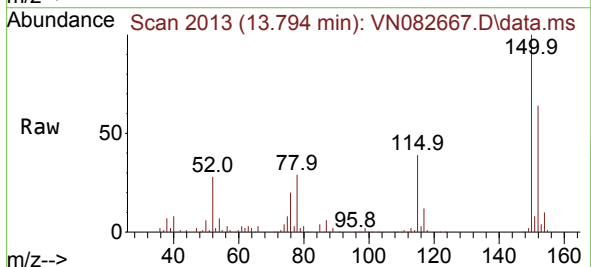
Tgt Ion:152 Resp: 100707

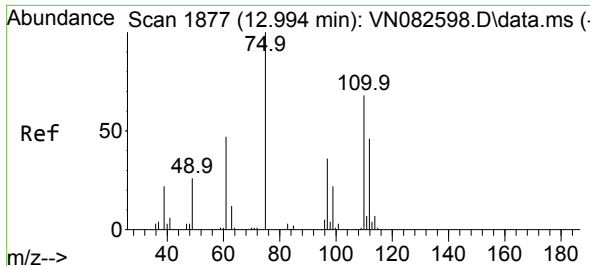
Ion Ratio Lower Upper

152 100

115 60.7 30.6 91.6

150 158.8 0.0 348.6

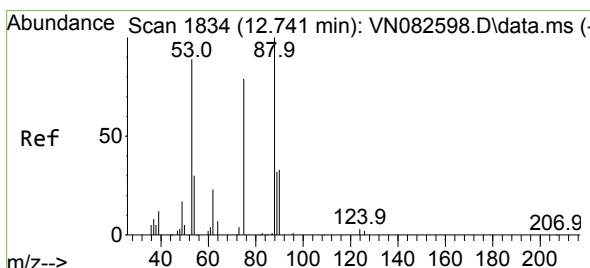
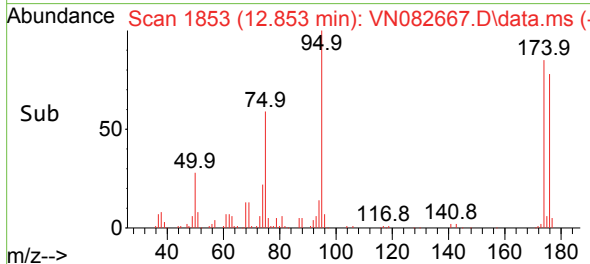
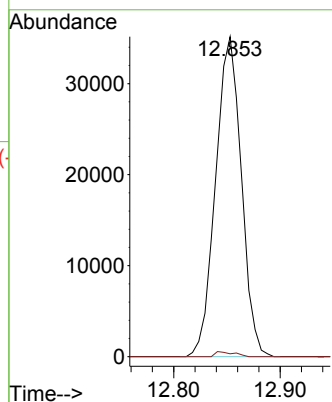
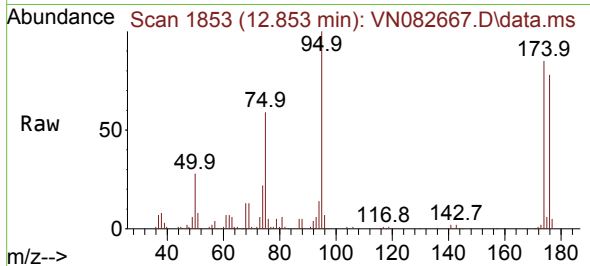




#76
1,2,3-Trichloropropane
Concen: 23.951 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082667.D
Acq: 20 Jun 2024 14:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 58995
Ion Ratio Lower Upper
75 100
77 1.2 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.301 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN082667.D
Acq: 20 Jun 2024 14:47

Tgt Ion: 75 Resp: 58995
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

