

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062024\
 Data File : VN082670.D
 Acq On : 20 Jun 2024 16:00
 Operator : JC\MD
 Sample : P2993-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 21 02:07:57 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	124473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	228322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	225604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	89361	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	114199	57.211	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.420%
35) Dibromofluoromethane	8.171	113	86564	55.887	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.780%
50) Toluene-d8	10.571	98	299835	51.189	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.380%
62) 4-Bromofluorobenzene	12.853	95	92627	45.868	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	91.740%

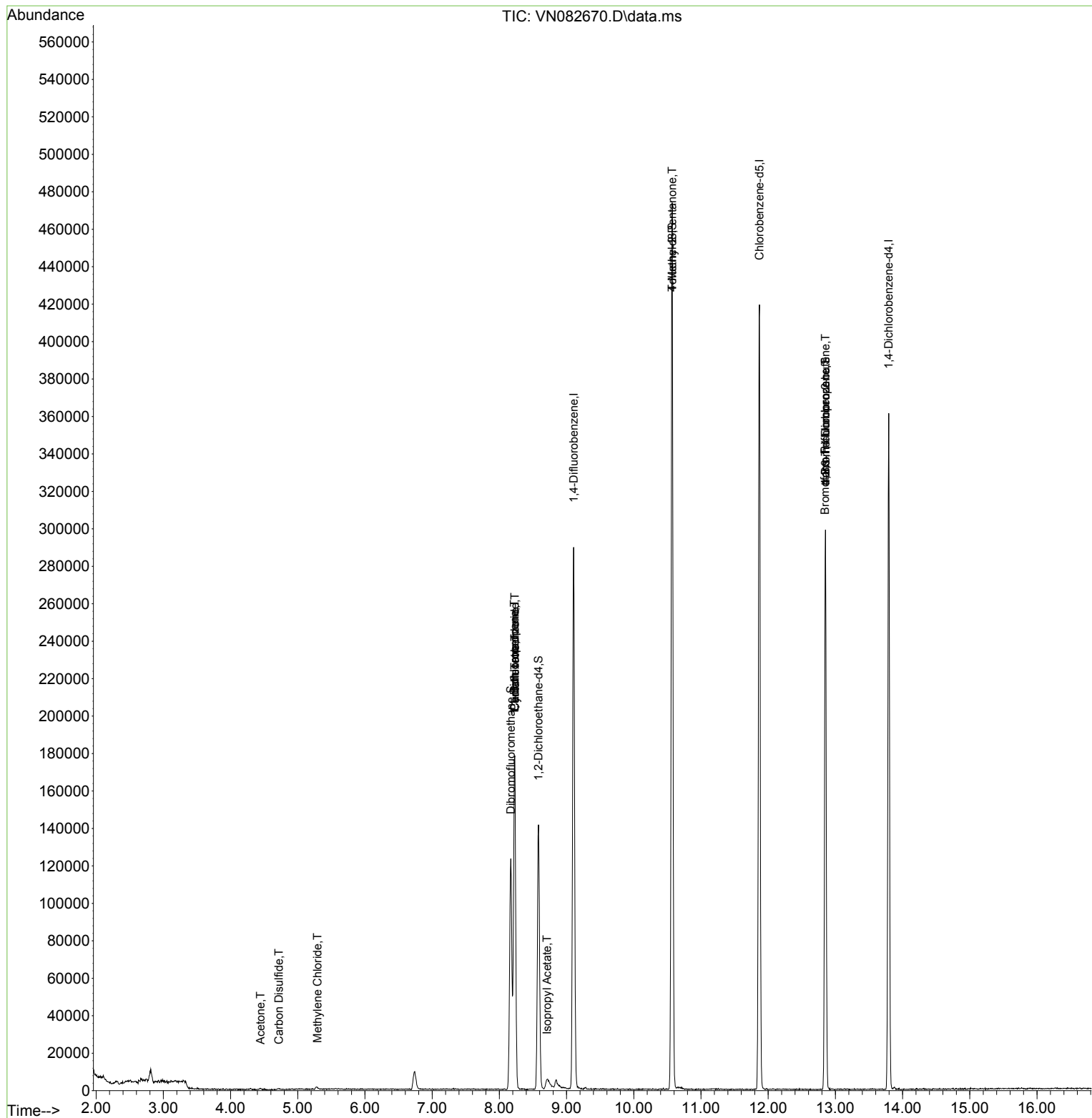
Target Compounds					Qvalue	
16) Acetone	4.447	43	1054	1.161	ug/l #	48
17) Carbon Disulfide	4.718	76	1055	0.240	ug/l #	75
20) Methylene Chloride	5.294	84	690	0.432	ug/l #	75
31) Cyclohexane	8.230	56	3830	1.330	ug/l #	49
36) 1,1-Dichloropropene	8.224	75	11596	5.008	ug/l #	50
38) Carbon Tetrachloride	8.230	117	13509	5.177	ug/l #	18
43) Isopropyl Acetate	8.712	43	8552	1.552	ug/l #	60
51) 4-Methyl-2-Pentanone	10.571	43	2100	0.743	ug/l #	1
71) Bromoform	12.847	173	901	0.618	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	53916	24.668	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	53916	59.017	ug/l #	6

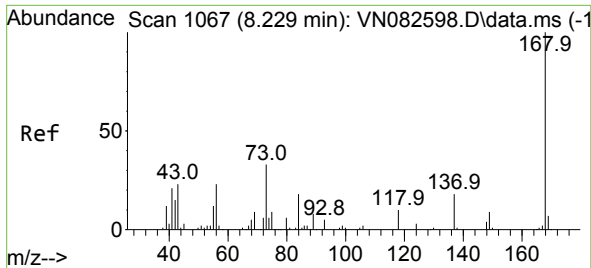
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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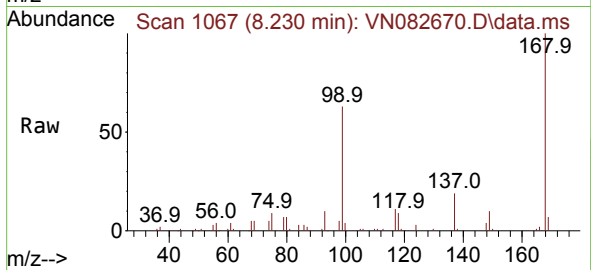
Quant Time: Jun 21 02:07:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
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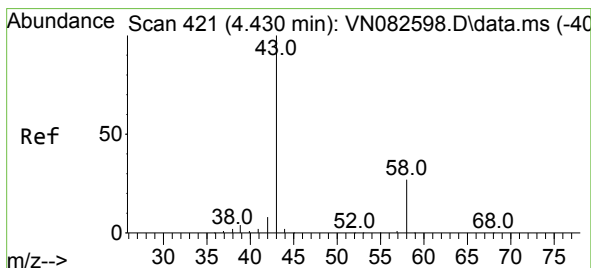
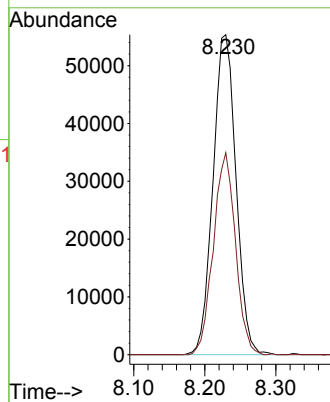
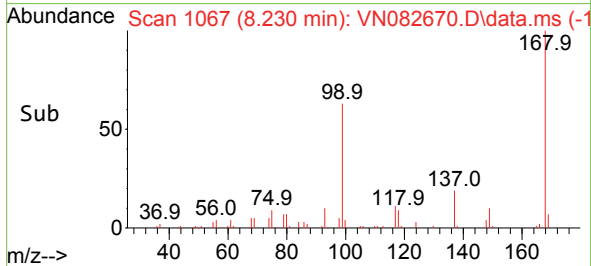


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082670.D
Acq: 20 Jun 2024 16:00

Instrument :
MSVOA_N
ClientSampleId :

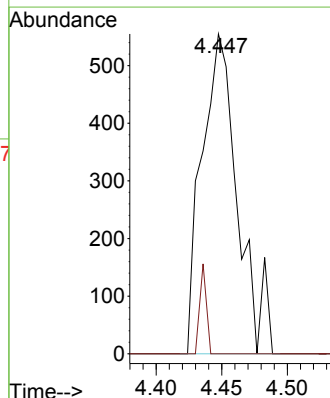
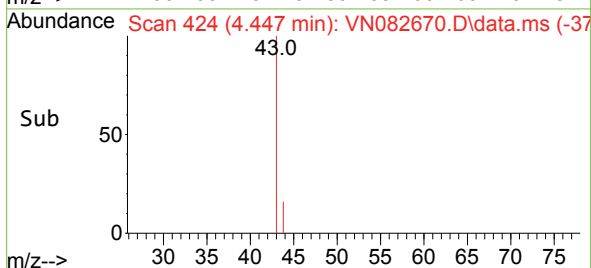
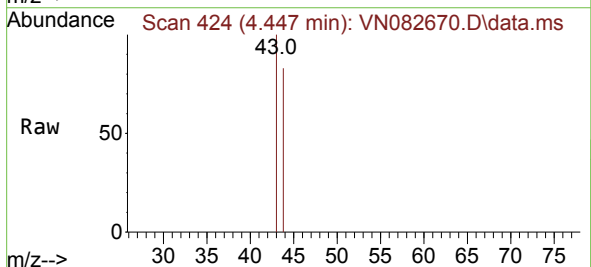


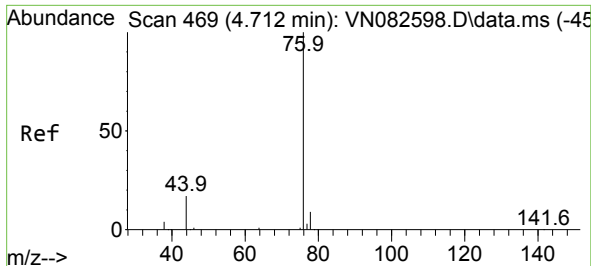
Tgt Ion:168 Resp: 124473
Ion Ratio Lower Upper
168 100
99 63.1 48.2 72.4



#16
Acetone
Concen: 1.161 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN082670.D
Acq: 20 Jun 2024 16:00

Tgt Ion: 43 Resp: 1054
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#

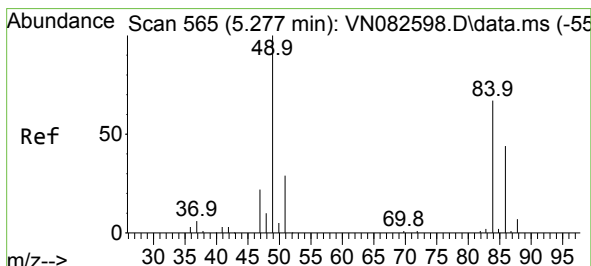
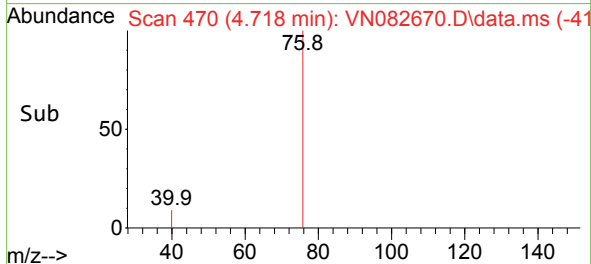
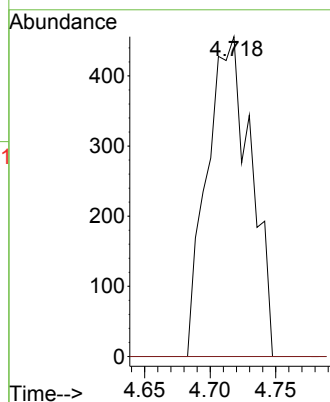
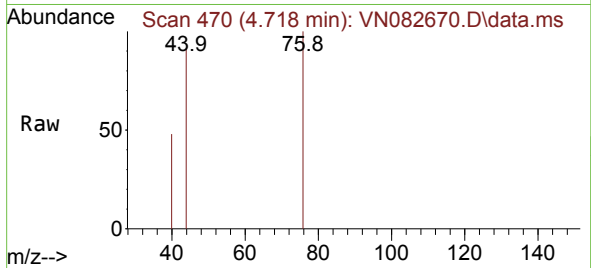




#17
Carbon Disulfide
Concen: 0.240 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082670.D
Acq: 20 Jun 2024 16:00

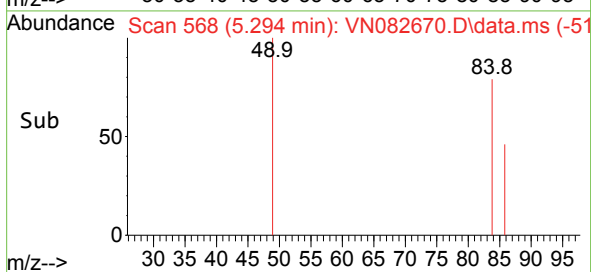
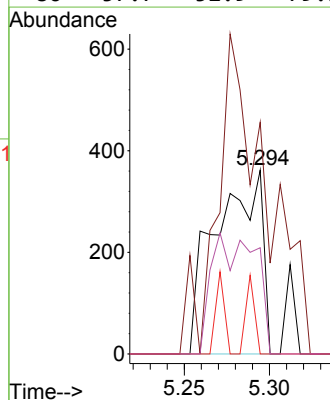
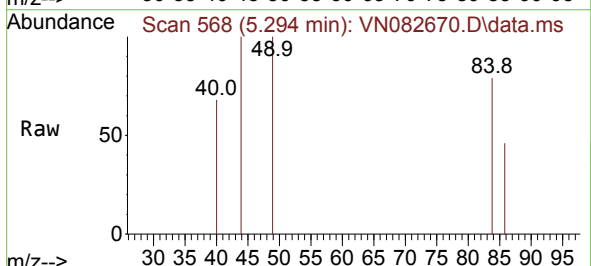
Instrument :
MSVOA_N
ClientSampleId :

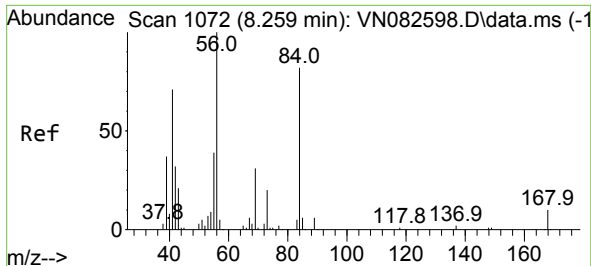
Tgt Ion: 76 Resp: 1055
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.432 ug/l
RT: 5.294 min Scan# 568
Delta R.T. 0.018 min
Lab File: VN082670.D
Acq: 20 Jun 2024 16:00

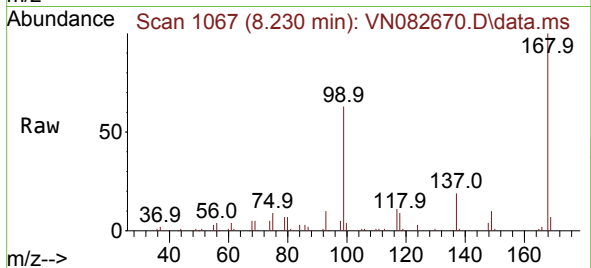
Tgt Ion: 84 Resp: 690
Ion Ratio Lower Upper
84 100
49 126.0 119.6 179.4
51 0.0 34.8 52.2#
86 57.7 52.9 79.3



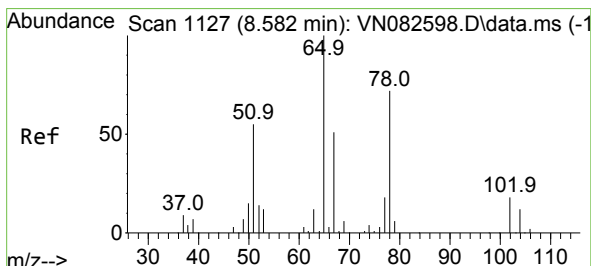
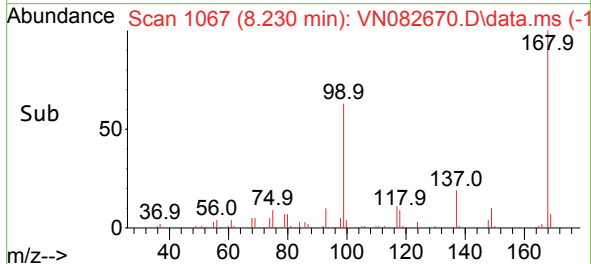
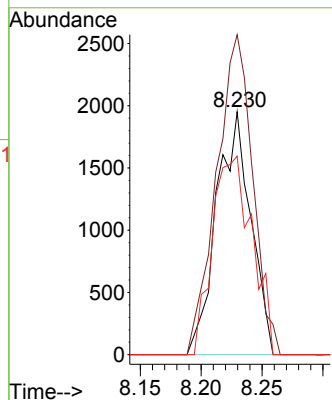


#31
Cyclohexane
Concen: 1.330 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082670.D
Acq: 20 Jun 2024 16:00

Instrument :
MSVOA_N
ClientSampleId :

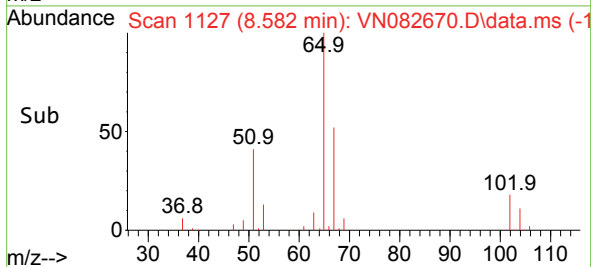
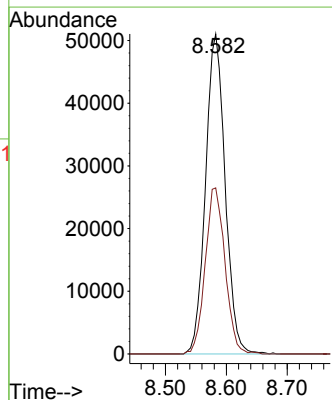
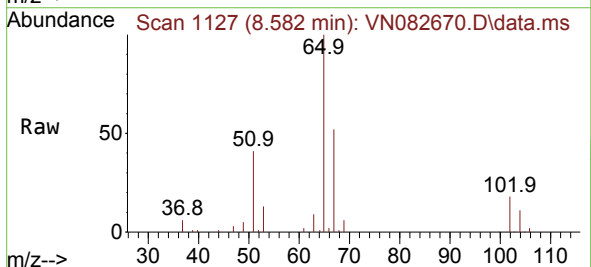


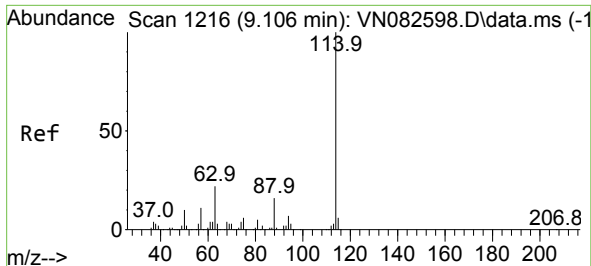
Tgt Ion: 56 Resp: 3830
Ion Ratio Lower Upper
56 100
69 131.7 24.5 36.7#
84 81.7 66.0 99.0



#33
1,2-Dichloroethane-d4
Concen: 57.211 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082670.D
Acq: 20 Jun 2024 16:00

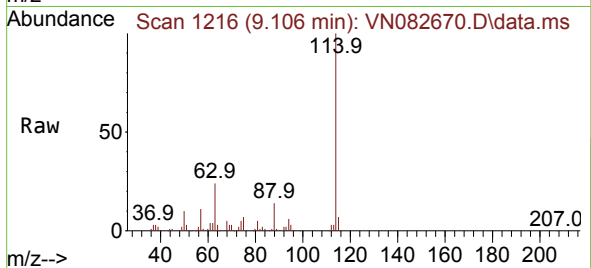
Tgt Ion: 65 Resp: 114199
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.4



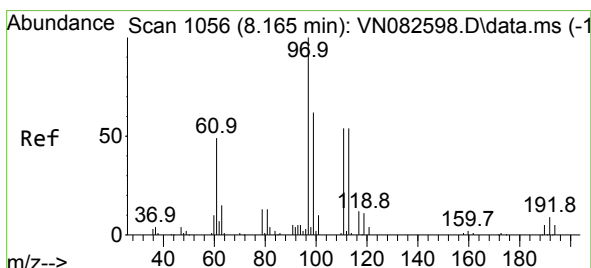
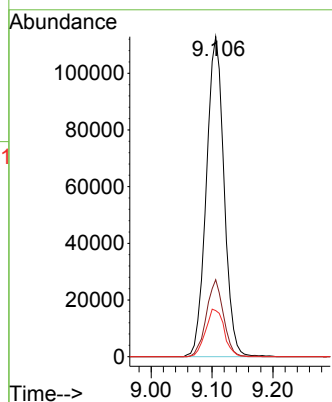
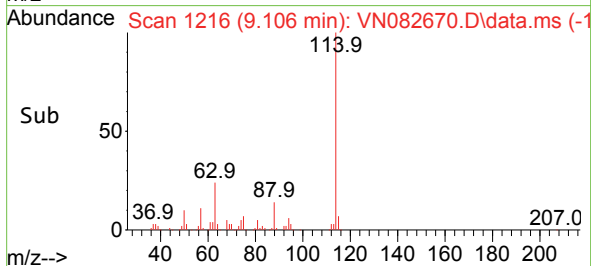


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082670.D
Acq: 20 Jun 2024 16:00

Instrument :
MSVOA_N
ClientSampleId :

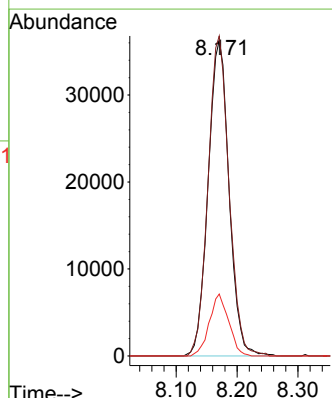
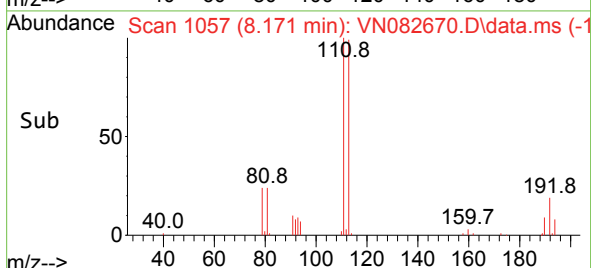
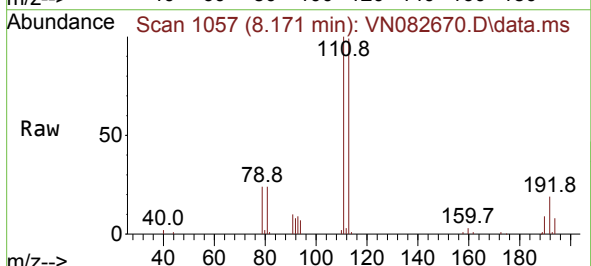


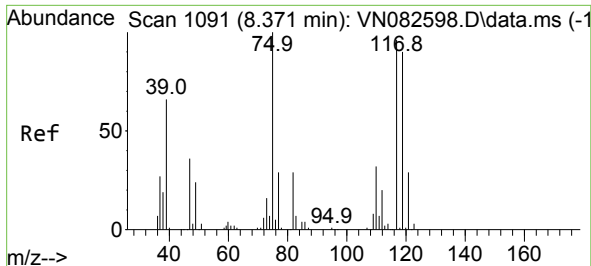
Tgt Ion:114 Resp: 228322
Ion Ratio Lower Upper
114 100
63 24.0 0.0 44.6
88 14.4 0.0 31.4



#35
Dibromofluoromethane
Concen: 55.887 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082670.D
Acq: 20 Jun 2024 16:00

Tgt Ion:113 Resp: 86564
Ion Ratio Lower Upper
113 100
111 101.4 82.4 123.6
192 18.1 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.008 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

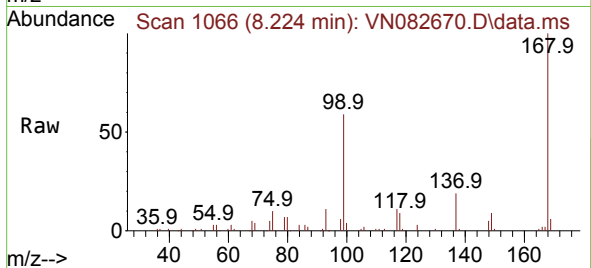
Lab File: VN082670.D

Acq: 20 Jun 2024 16:00

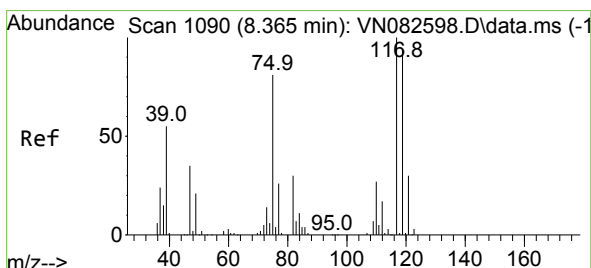
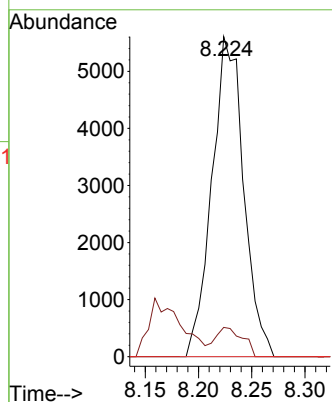
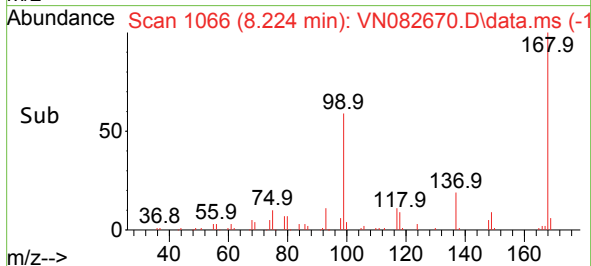
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	11596
Ion	Ratio	Lower	Upper
75	100		
110	8.0	16.3	48.9#
77	0.0	24.6	37.0#



#38

Carbon Tetrachloride

Concen: 5.177 ug/l

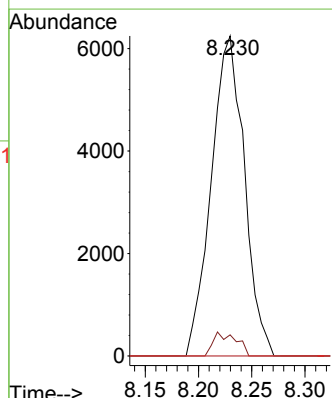
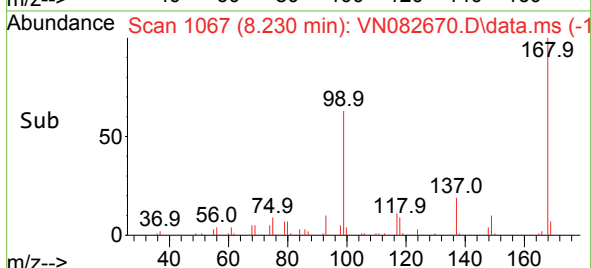
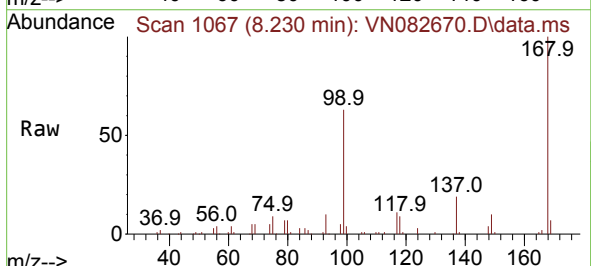
RT: 8.230 min Scan# 1067

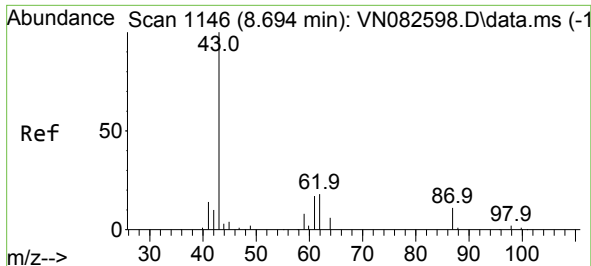
Delta R.T. -0.135 min

Lab File: VN082670.D

Acq: 20 Jun 2024 16:00

Tgt Ion:	117	Resp:	13509
Ion	Ratio	Lower	Upper
117	100		
119	6.6	74.9	112.3#
121	0.0	24.3	36.5#

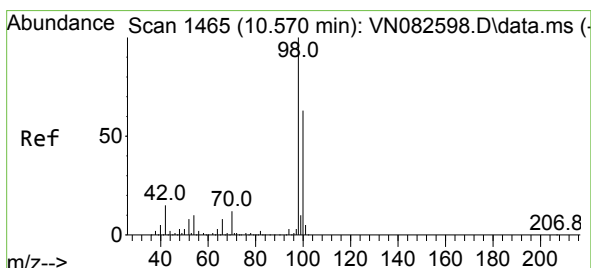
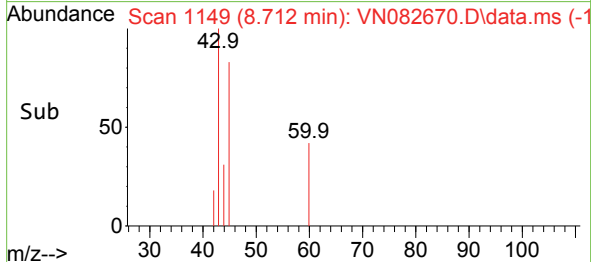
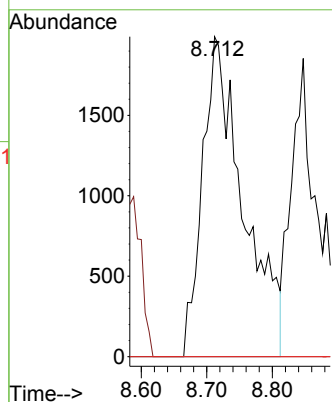
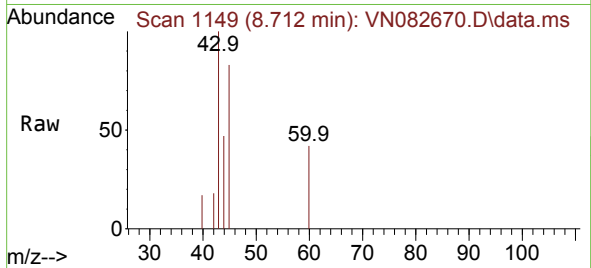




#43
Isopropyl Acetate
Concen: 1.552 ug/l
RT: 8.712 min Scan# 1149
Delta R.T. 0.018 min
Lab File: VN082670.D
Acq: 20 Jun 2024 16:00

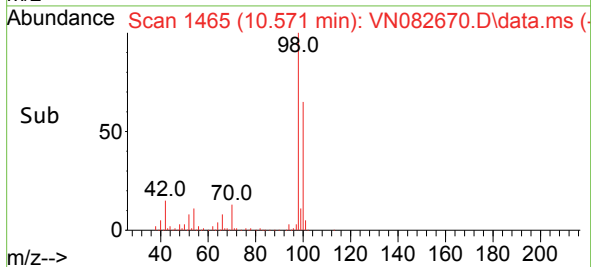
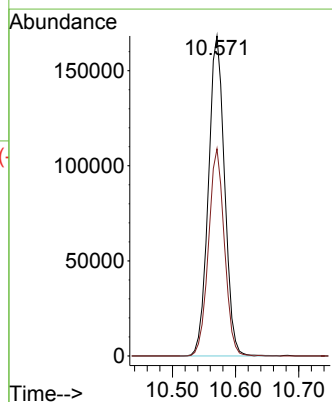
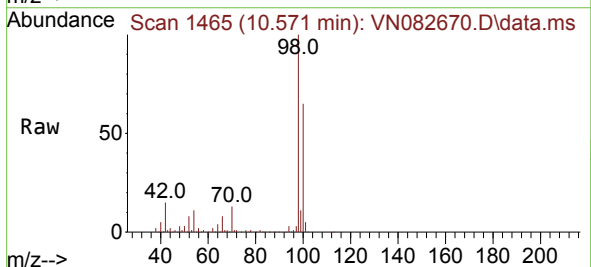
Instrument :
MSVOA_N
ClientSampleId :

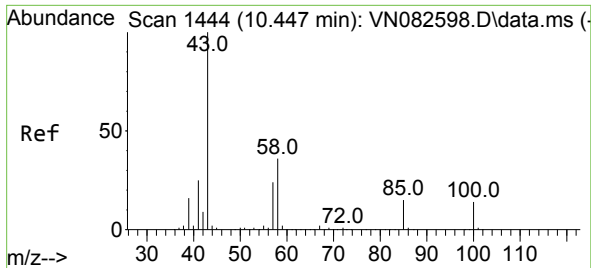
Tgt Ion: 43 Resp: 8552
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 51.189 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082670.D
Acq: 20 Jun 2024 16:00

Tgt Ion: 98 Resp: 299835
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3

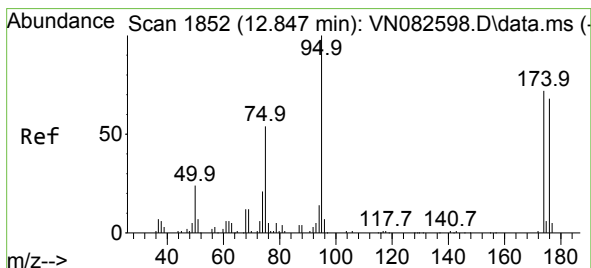
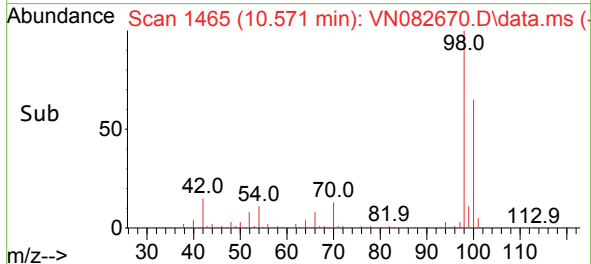
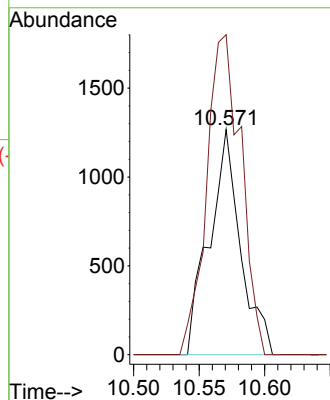
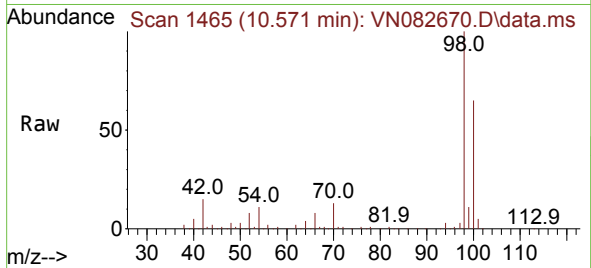




#51
4-Methyl-2-Pentanone
Concen: 0.743 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.124 min
Lab File: VN082670.D
Acq: 20 Jun 2024 16:00

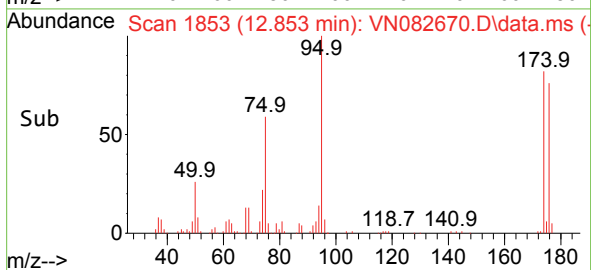
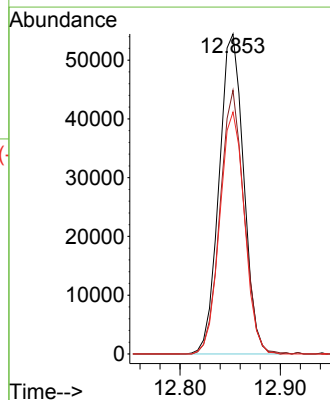
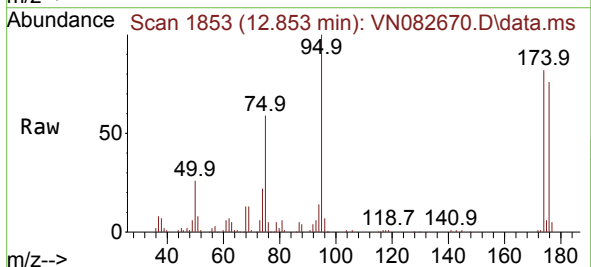
Instrument :
MSVOA_N
ClientSampleId :

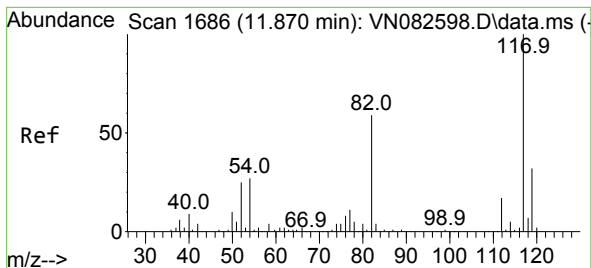
Tgt Ion: 43 Resp: 2100
Ion Ratio Lower Upper
43 100
58 156.5 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 45.868 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082670.D
Acq: 20 Jun 2024 16:00

Tgt Ion: 95 Resp: 92627
Ion Ratio Lower Upper
95 100
174 80.8 0.0 159.2
176 76.3 0.0 147.6

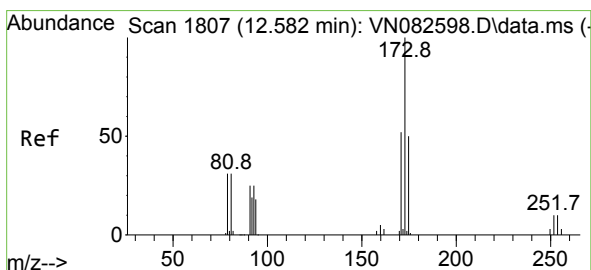
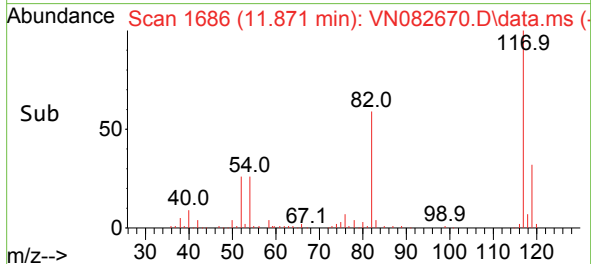
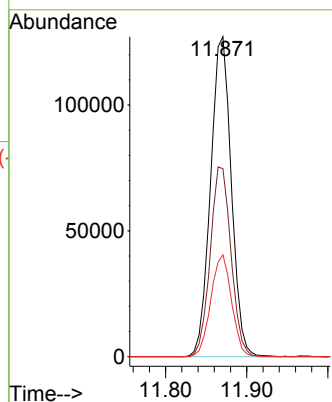
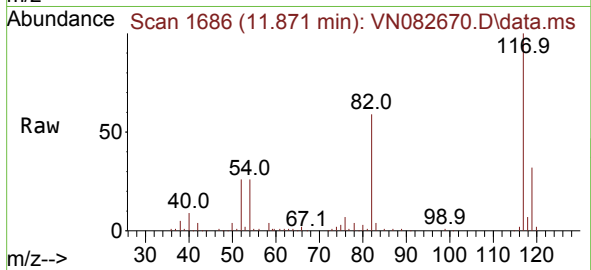




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082670.D
Acq: 20 Jun 2024 16:00

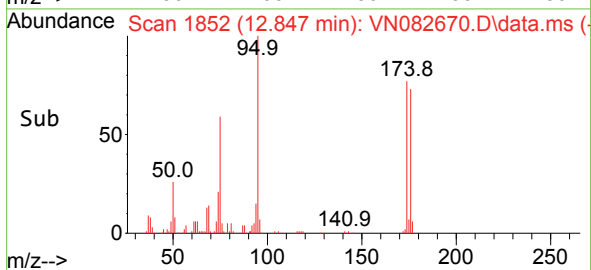
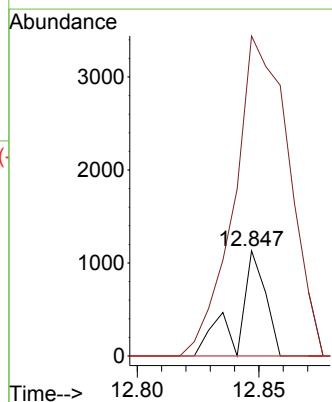
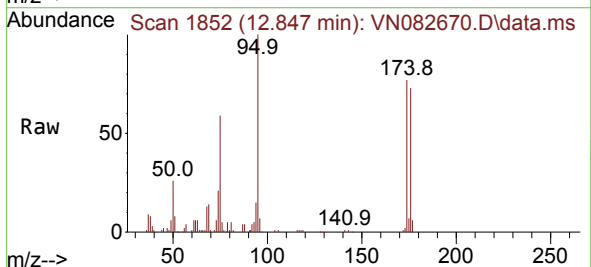
Instrument :
MSVOA_N
ClientSampleId :

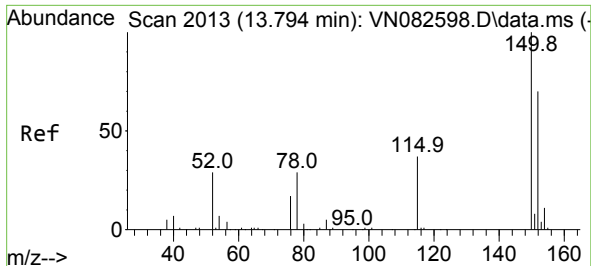
Tgt Ion:117 Resp: 225604
Ion Ratio Lower Upper
117 100
82 58.7 47.5 71.3
119 31.9 25.6 38.4



#71
Bromoform
Concen: 0.618 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN082670.D
Acq: 20 Jun 2024 16:00

Tgt Ion:173 Resp: 901
Ion Ratio Lower Upper
173 100
175 507.5 24.0 72.0#
254 0.0 0.0 0.0

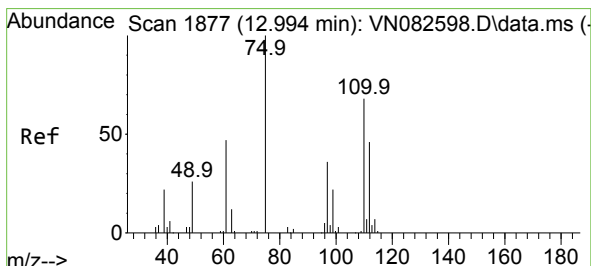
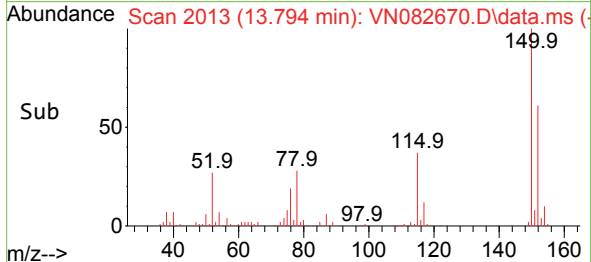
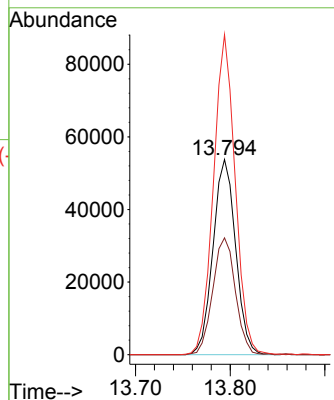
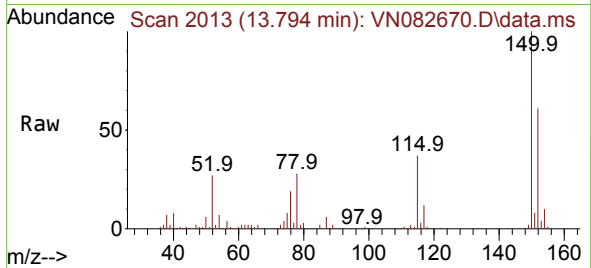




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082670.D
 Acq: 20 Jun 2024 16:00

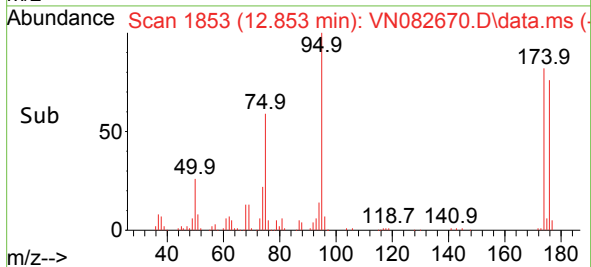
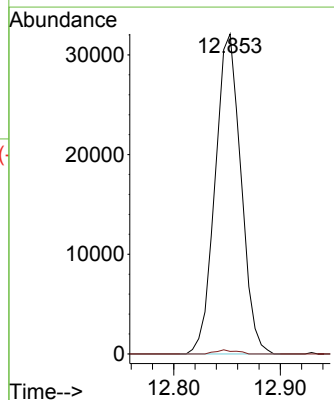
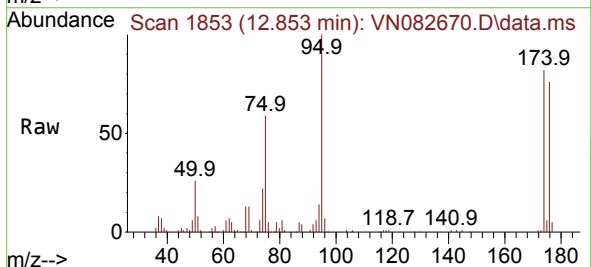
Instrument :
 MSVOA_N
 ClientSampleId :

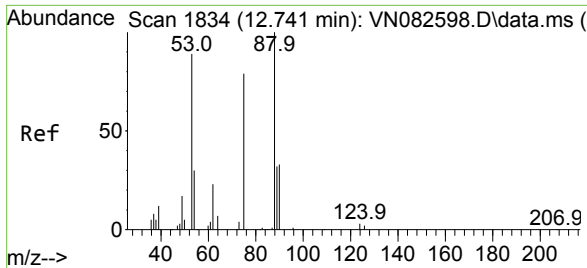
Tgt Ion:152 Resp: 89361
 Ion Ratio Lower Upper
 152 100
 115 60.0 30.6 91.6
 150 157.5 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 24.668 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN082670.D
 Acq: 20 Jun 2024 16:00

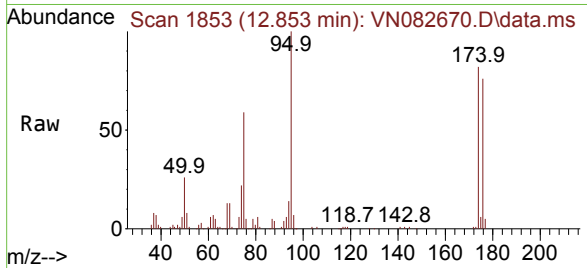
Tgt Ion: 75 Resp: 53916
 Ion Ratio Lower Upper
 75 100
 77 1.0 110.9 332.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 59.017 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN082670.D
Acq: 20 Jun 2024 16:00

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.2	88.4	132.6#
89	0.0	36.3	54.5#

