

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062124\
 Data File : VN082682.D
 Acq On : 21 Jun 2024 16:57
 Operator : JC\MD
 Sample : P3004-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 24 02:14:46 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)

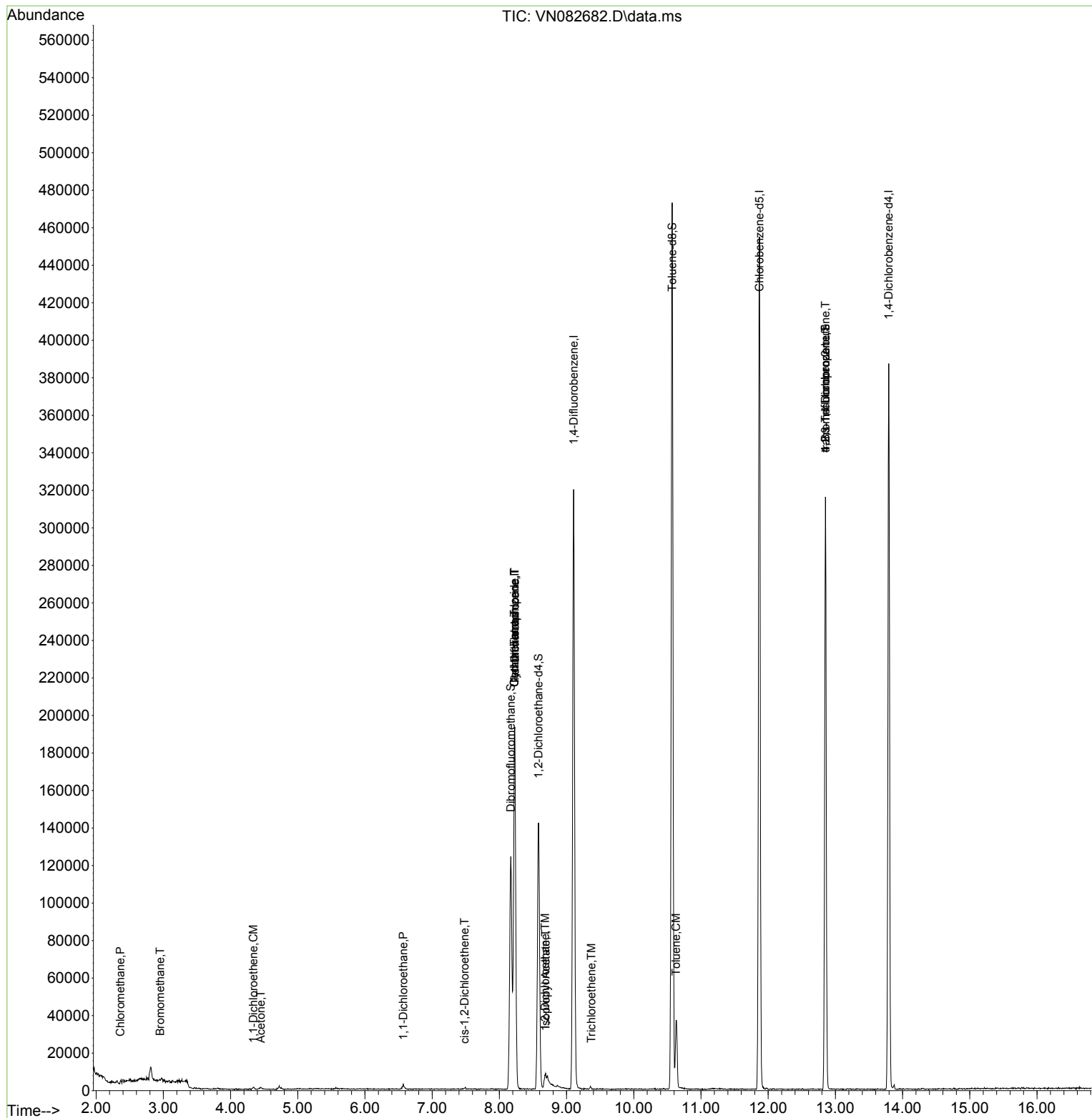
Internal Standards						
1) Pentafluorobenzene	8.229	168	134700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	247627	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	241432	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	97468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	116759	54.053	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.100%			
35) Dibromofluoromethane	8.171	113	85739	51.039	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.080%			
50) Toluene-d8	10.570	98	303182	47.725	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.440%			
62) 4-Bromofluorobenzene	12.853	95	97239	44.398	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 88.800%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	560	0.248	ug/l #	43
5) Bromomethane	2.953	94	730	0.528	ug/l #	53
12) 1,1-Dichloroethene	4.341	96	321	0.214	ug/l #	23
16) Acetone	4.447	43	2201	2.240	ug/l	92
24) 1,1-Dichloroethane	6.571	63	3099	0.930	ug/l #	77
27) cis-1,2-Dichloroethene	7.482	96	480	0.250	ug/l	76
31) Cyclohexane	8.224	56	3802	1.220	ug/l #	32
36) 1,1-Dichloropropene	8.229	75	12422	4.947	ug/l #	51
38) Carbon Tetrachloride	8.224	117	14394	5.086	ug/l #	18
42) 1,2-Dichloroethane	8.682	62	965	0.327	ug/l #	78
43) Isopropyl Acetate	8.688	43	5382	0.900	ug/l #	60
44) Trichloroethene	9.371	130	386	0.214	ug/l	1
52) Toluene	10.629	92	15092	3.209	ug/l	100
76) 1,2,3-Trichloropropane	12.853	75	55863	23.433	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	55863	56.062	ug/l #	6

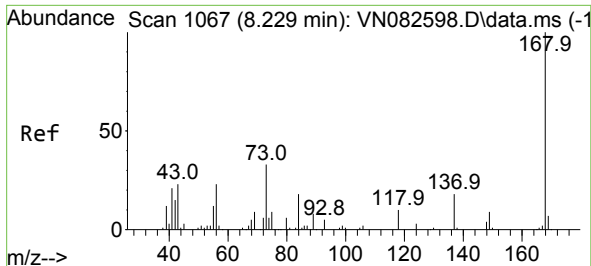
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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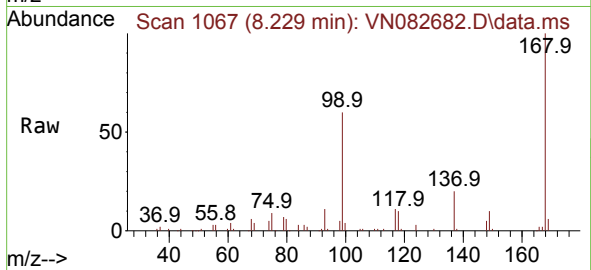
Quant Time: Jun 24 02:14:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:52:44 2024
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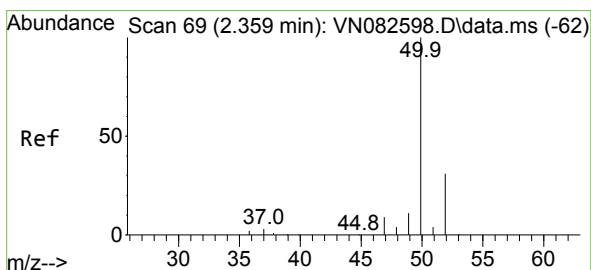
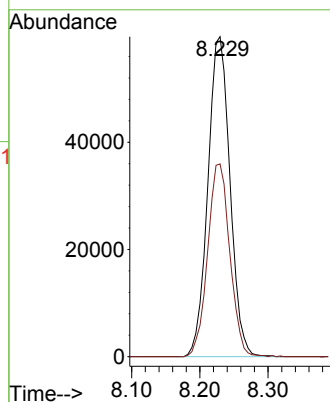
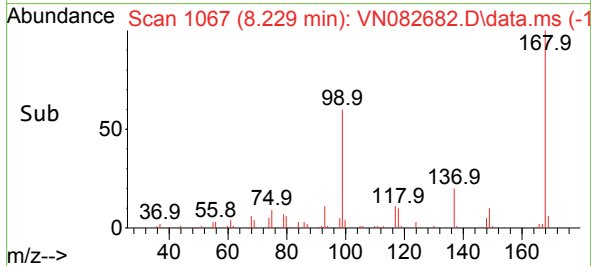


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VN082682.D
Acq: 21 Jun 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :

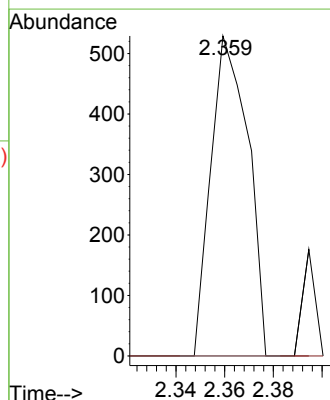
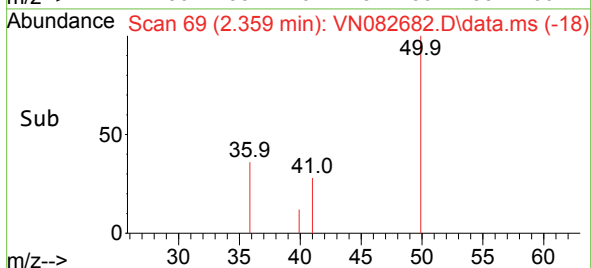
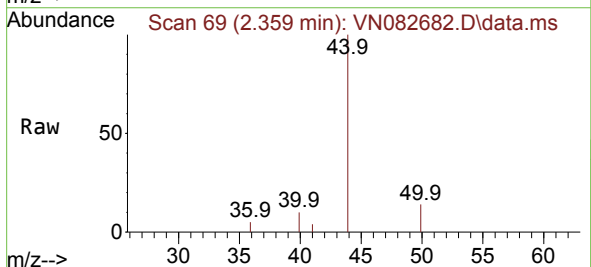


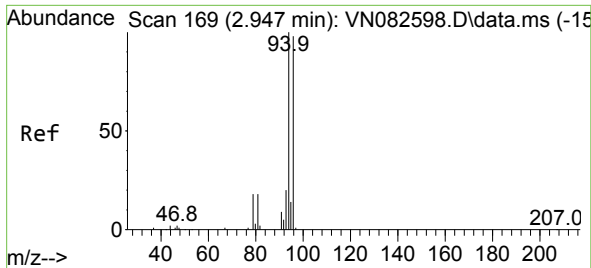
Tgt Ion:168 Resp: 134700
Ion Ratio Lower Upper
168 100
99 60.3 48.2 72.4



#3
Chloromethane
Concen: 0.248 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082682.D
Acq: 21 Jun 2024 16:57

Tgt Ion: 50 Resp: 560
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

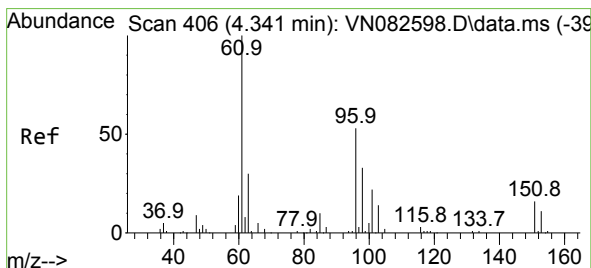
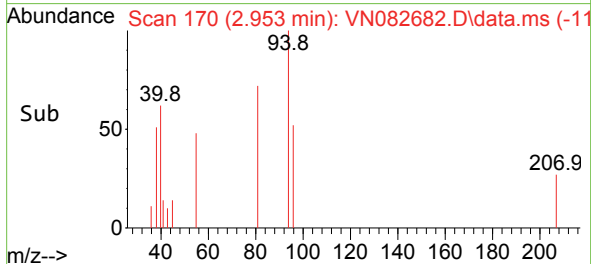
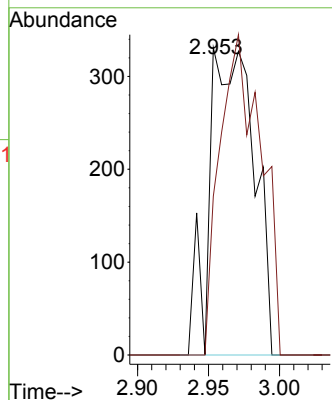
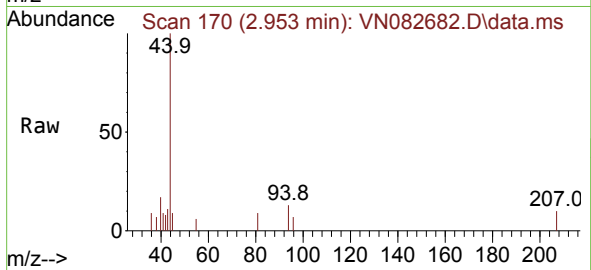




#5
Bromomethane
Concen: 0.528 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082682.D
Acq: 21 Jun 2024 16:57

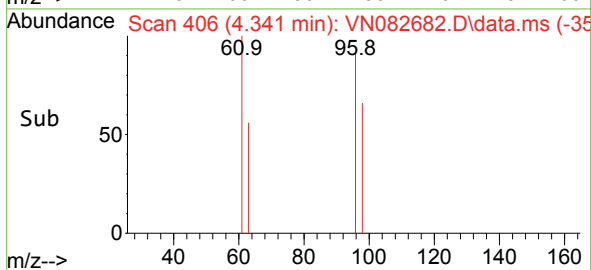
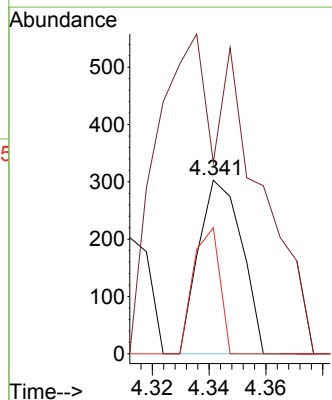
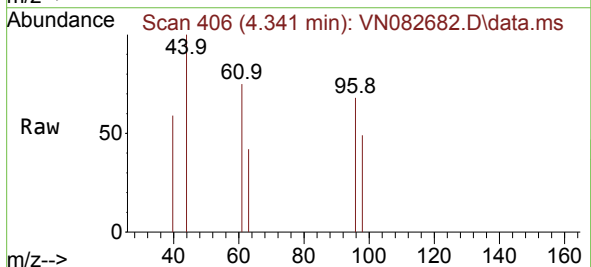
Instrument :
MSVOA_N
ClientSampleId :

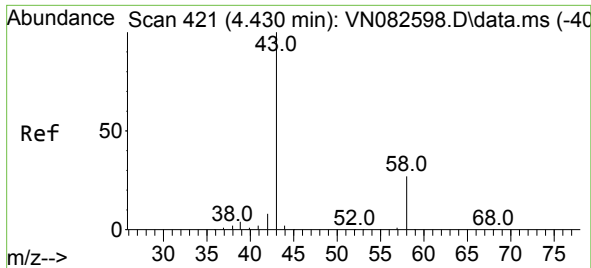
Tgt Ion: 94 Resp: 730
Ion Ratio Lower Upper
94 100
96 51.7 78.0 117.0#



#12
1,1-Dichloroethene
Concen: 0.214 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN082682.D
Acq: 21 Jun 2024 16:57

Tgt Ion: 96 Resp: 321
Ion Ratio Lower Upper
96 100
61 43.2 149.7 224.5#
98 72.6 50.1 75.1





#16

Acetone

Concen: 2.240 ug/l

RT: 4.447 min Scan# 41

Delta R.T. 0.018 min

Lab File: VN082682.D

Acq: 21 Jun 2024 16:57

Instrument :

MSVOA_N

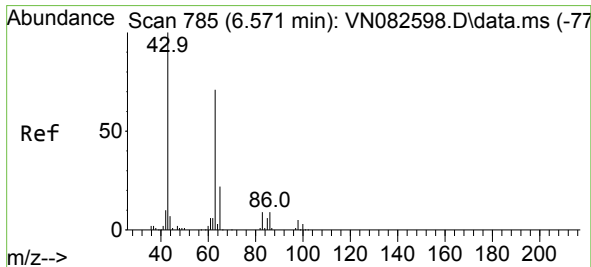
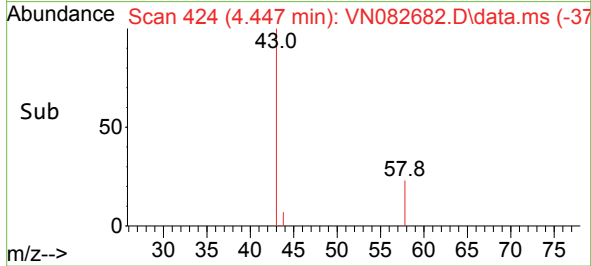
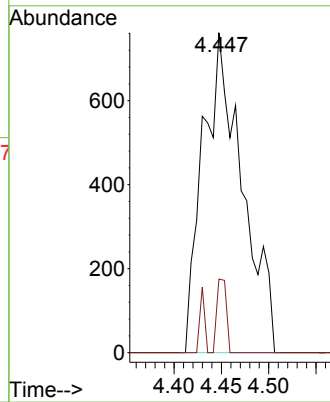
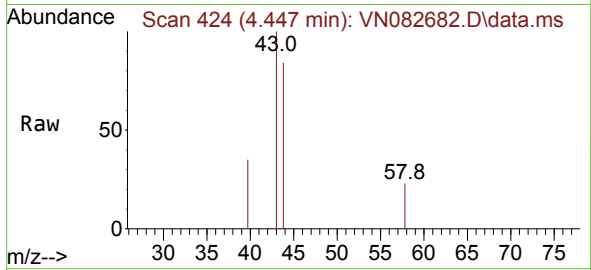
ClientSampleId :

Tgt Ion: 43 Resp: 2201

Ion Ratio Lower Upper

43 100

58 23.0 21.8 32.6



#24

1,1-Dichloroethane

Concen: 0.930 ug/l

RT: 6.571 min Scan# 785

Delta R.T. 0.000 min

Lab File: VN082682.D

Acq: 21 Jun 2024 16:57

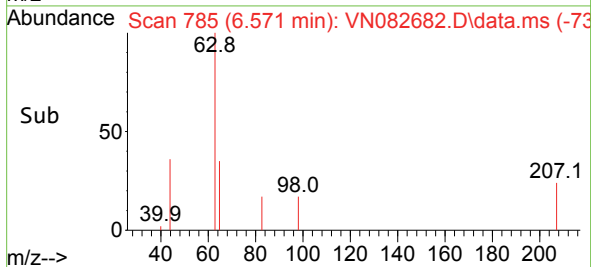
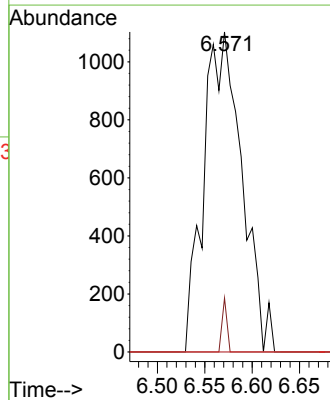
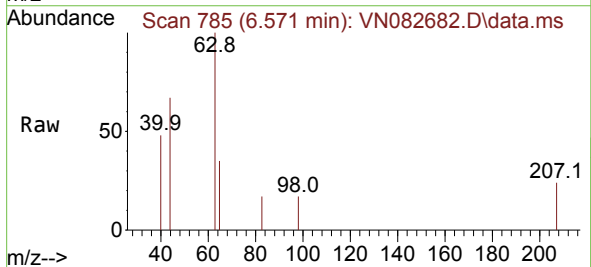
Tgt Ion: 63 Resp: 3099

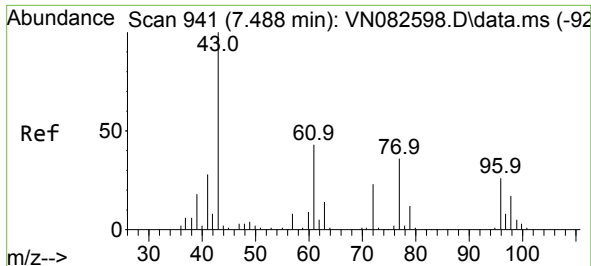
Ion Ratio Lower Upper

63 100

98 16.9 3.3 9.9#

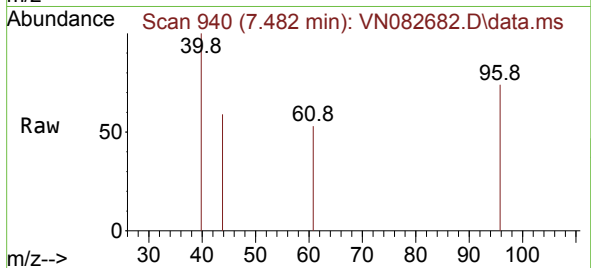
100 0.0 2.0 6.0#



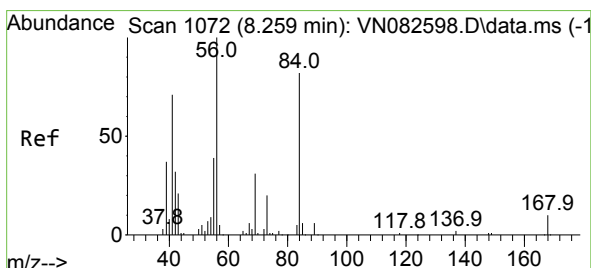
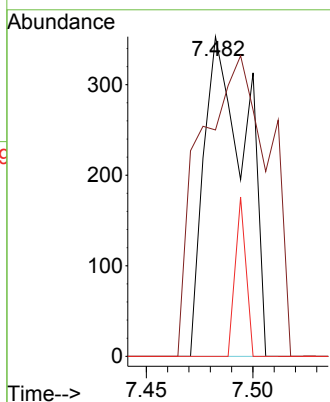
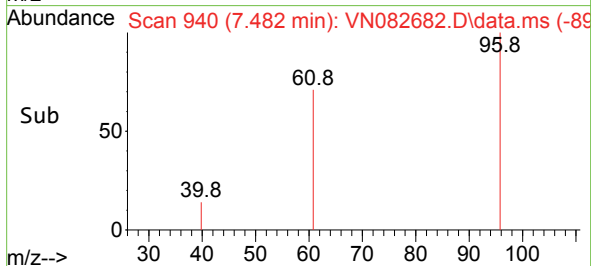


#27
 cis-1,2-Dichloroethene
 Concen: 0.250 ug/l
 RT: 7.482 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN082682.D
 Acq: 21 Jun 2024 16:57

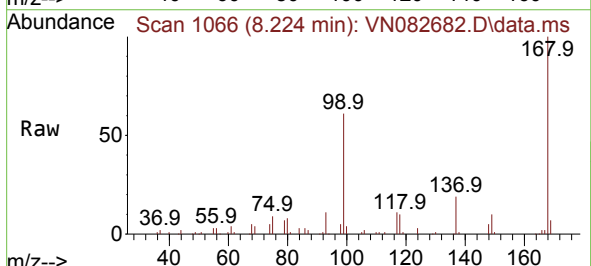
Instrument :
 MSVOA_N
 ClientSampleId :



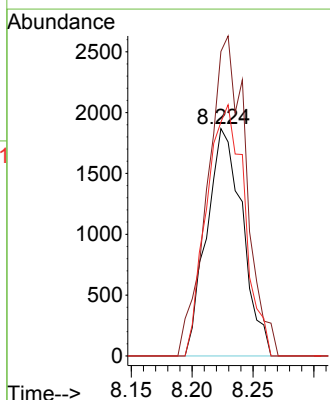
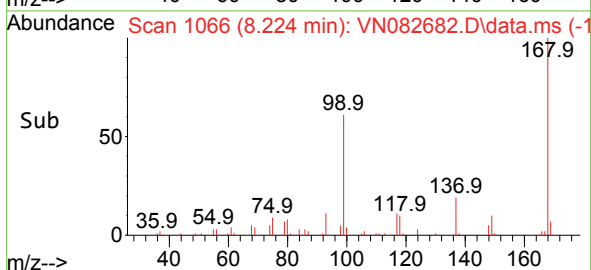
Tgt Ion: 96 Resp: 480
 Ion Ratio Lower Upper
 96 100
 61 154.4 0.0 329.6
 98 12.9 0.0 128.6

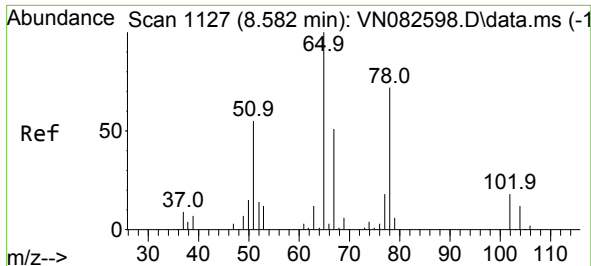


#31
 Cyclohexane
 Concen: 1.220 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.035 min
 Lab File: VN082682.D
 Acq: 21 Jun 2024 16:57



Tgt Ion: 56 Resp: 3802
 Ion Ratio Lower Upper
 56 100
 69 133.9 24.5 36.7#
 84 102.8 66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 54.053 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082682.D

Acq: 21 Jun 2024 16:57

Instrument :

MSVOA_N

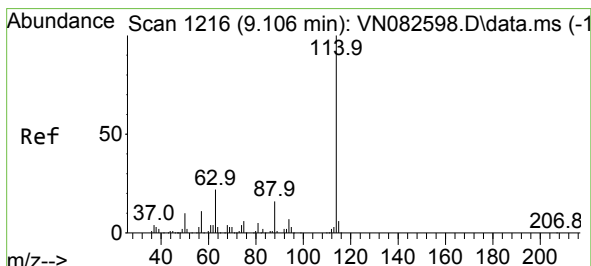
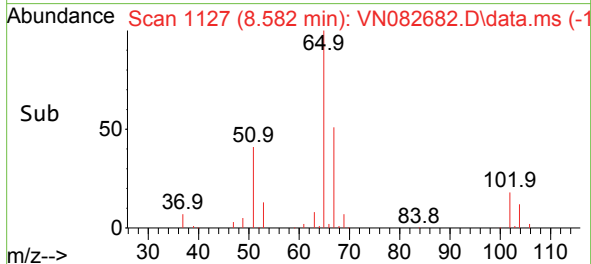
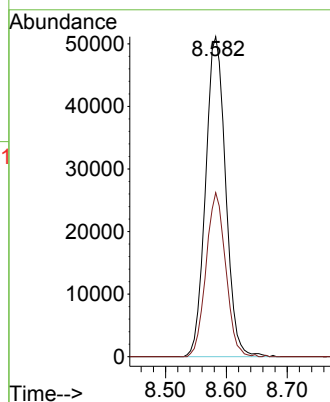
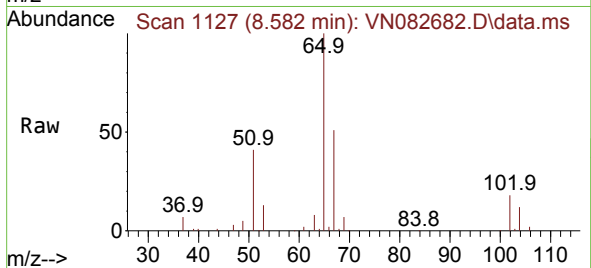
ClientSampleId :

Tgt Ion: 65 Resp: 116759

Ion Ratio Lower Upper

65 100

67 50.3 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN082682.D

Acq: 21 Jun 2024 16:57

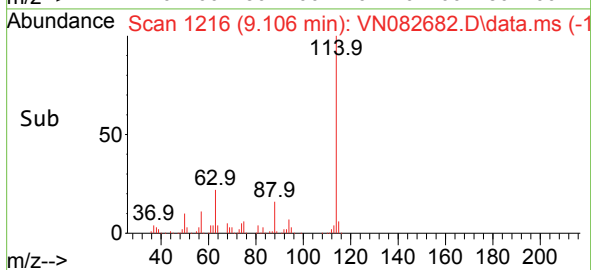
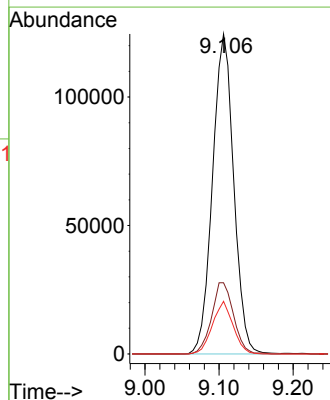
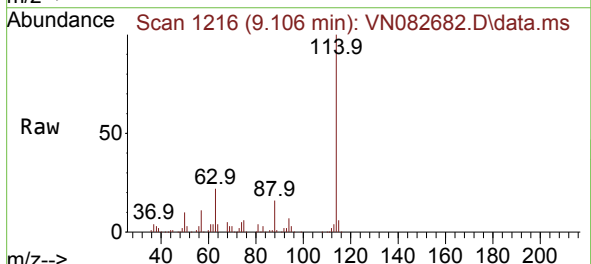
Tgt Ion: 114 Resp: 247627

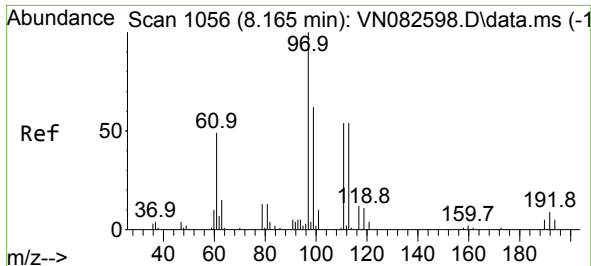
Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.6

88 16.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.039 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

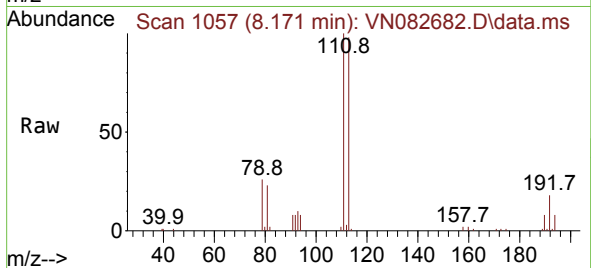
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Acq: 21 Jun 2024 16:57

Instrument :

MSVOA_N

ClientSampleId :



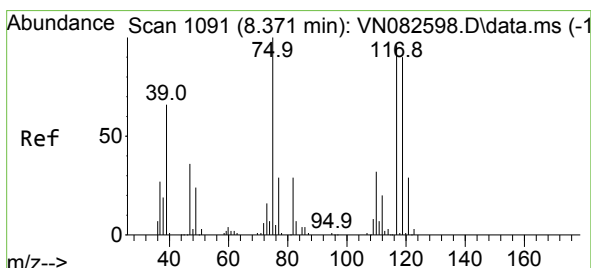
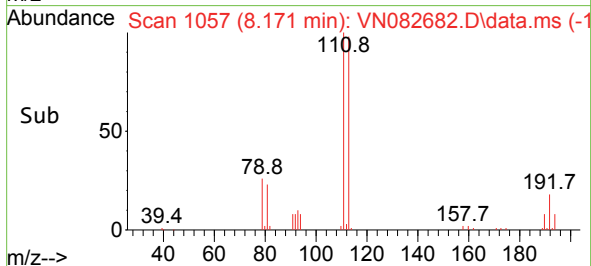
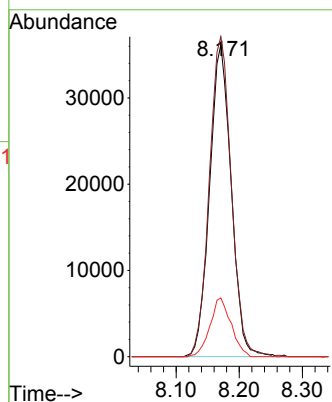
Tgt Ion:113 Resp: 85739

Ion Ratio Lower Upper

113 100

111 104.4 82.4 123.6

192 18.4 14.9 22.3



#36

1,1-Dichloropropene

Concen: 4.947 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN082682.D

Acq: 21 Jun 2024 16:57

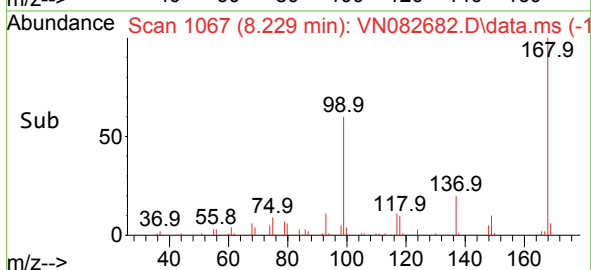
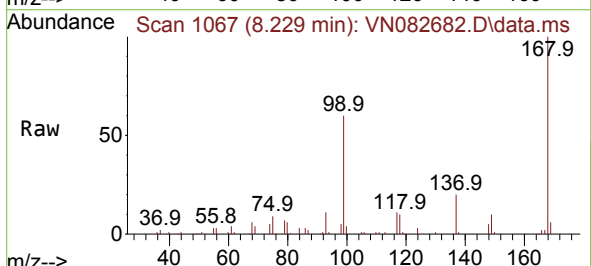
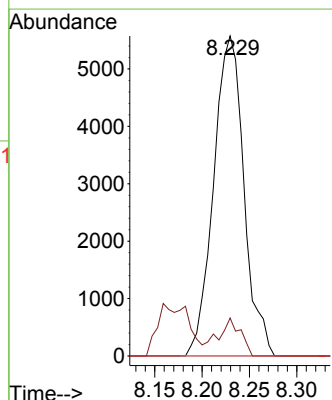
Tgt Ion: 75 Resp: 12422

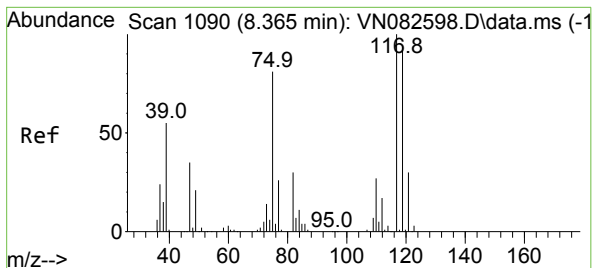
Ion Ratio Lower Upper

75 100

110 8.9 16.3 48.9#

77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.086 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.141 min

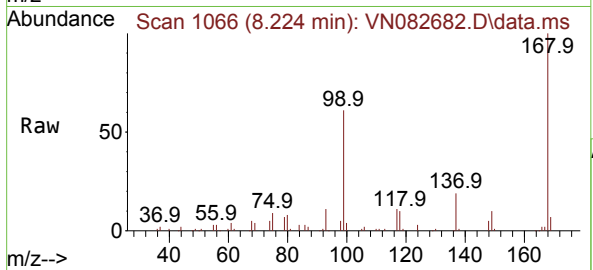
Lab File: VN082682.D

Acq: 21 Jun 2024 16:57

Instrument :

MSVOA_N

ClientSampleId :



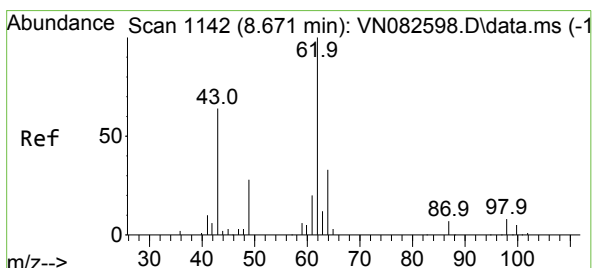
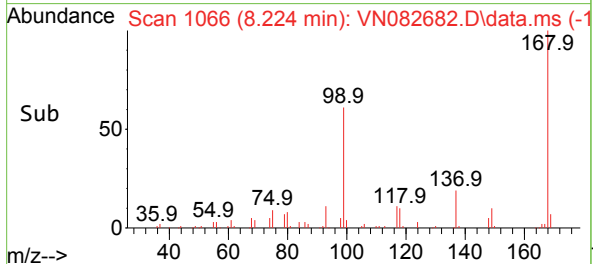
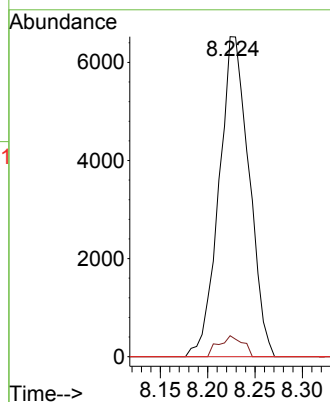
Tgt Ion:117 Resp: 14394

Ion Ratio Lower Upper

117 100

119 6.5 74.9 112.3#

121 0.0 24.3 36.5#



#42

1,2-Dichloroethane

Concen: 0.327 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. 0.012 min

Lab File: VN082682.D

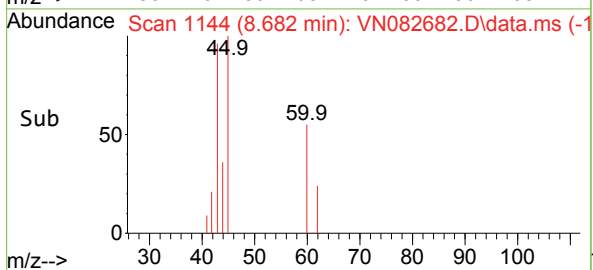
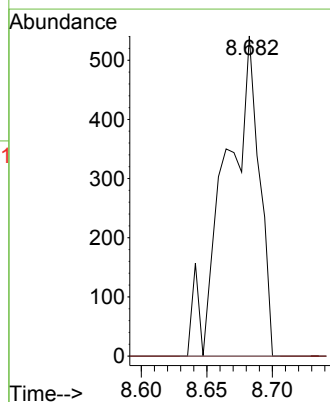
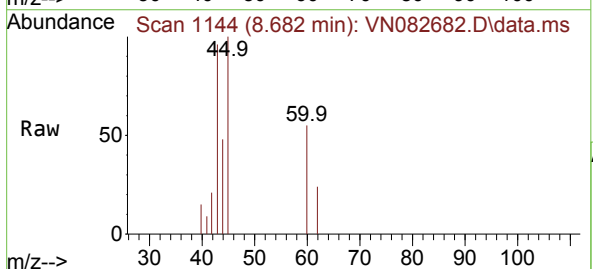
Acq: 21 Jun 2024 16:57

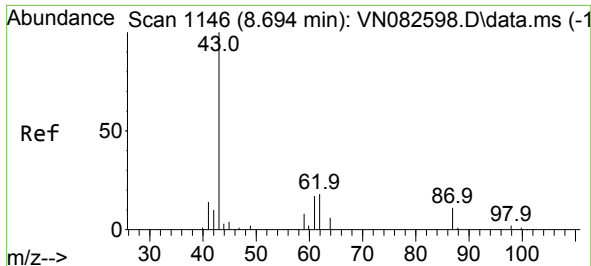
Tgt Ion: 62 Resp: 965

Ion Ratio Lower Upper

62 100

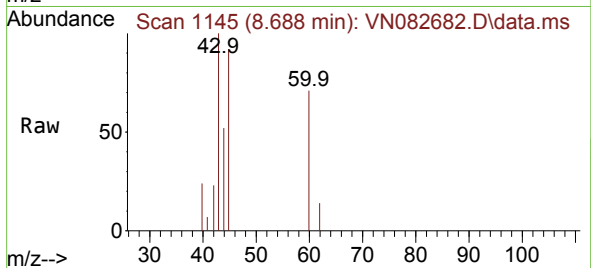
98 0.0 0.0 15.8



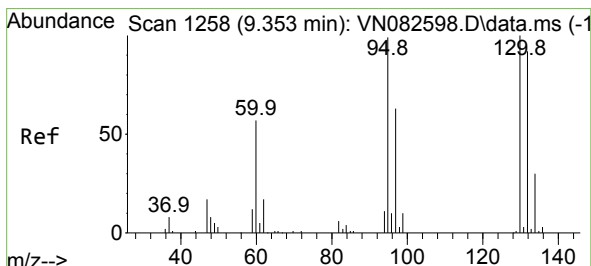
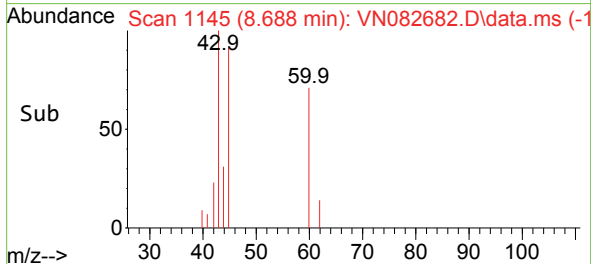
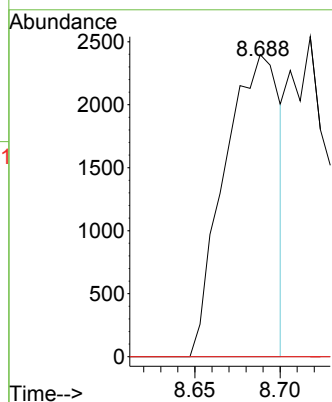


#43
Isopropyl Acetate
Concen: 0.900 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082682.D
Acq: 21 Jun 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :

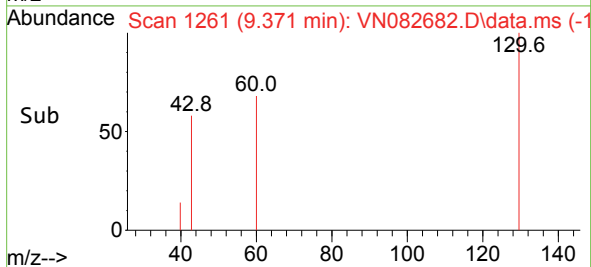
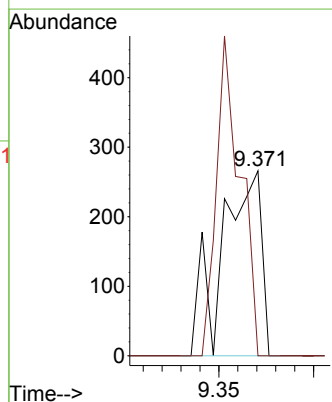
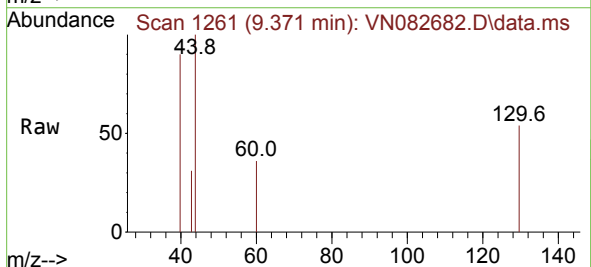


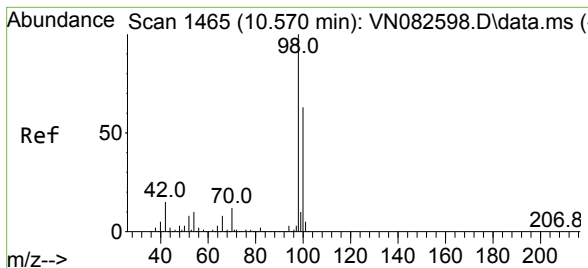
Tgt Ion: 43 Resp: 5382
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#44
Trichloroethene
Concen: 0.214 ug/l
RT: 9.371 min Scan# 1261
Delta R.T. 0.018 min
Lab File: VN082682.D
Acq: 21 Jun 2024 16:57

Tgt Ion:130 Resp: 386
Ion Ratio Lower Upper
130 100
95 0.0 0.0 197.8

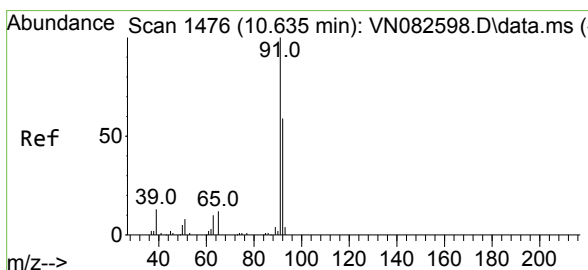
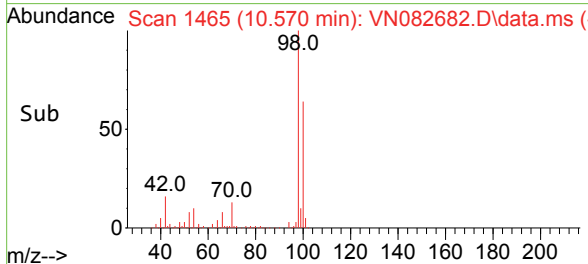
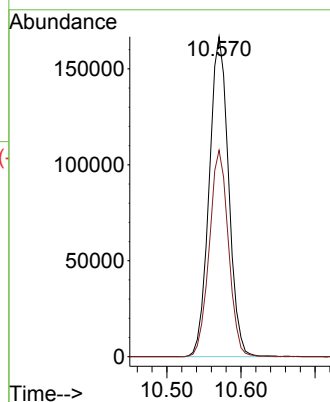
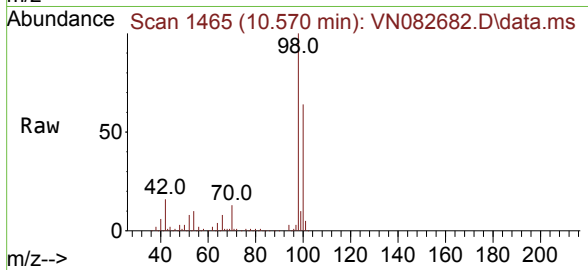




#50
Toluene-d8
Concen: 47.725 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082682.D
Acq: 21 Jun 2024 16:57

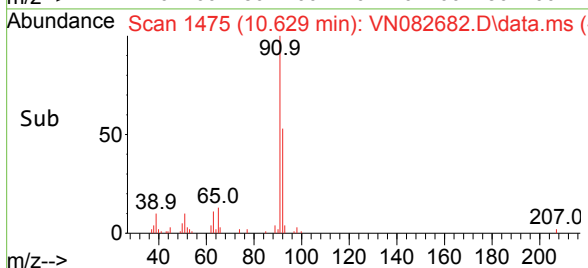
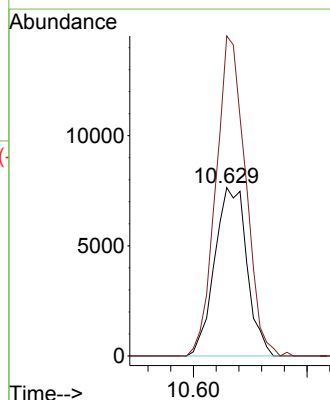
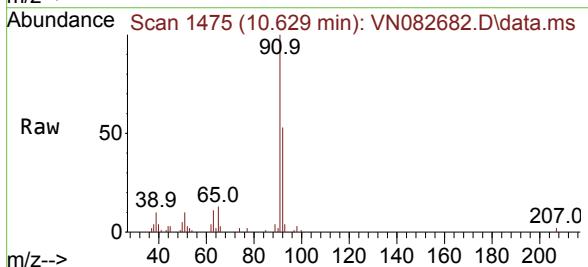
Instrument :
MSVOA_N
ClientSampleId :

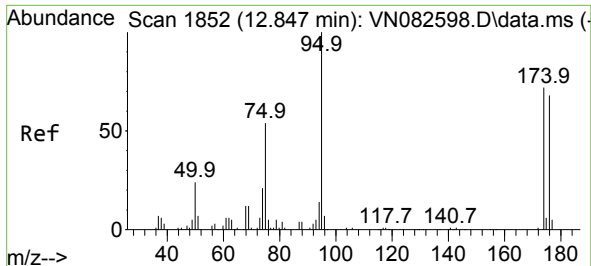
Tgt Ion: 98 Resp: 303182
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3



#52
Toluene
Concen: 3.209 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN082682.D
Acq: 21 Jun 2024 16:57

Tgt Ion: 92 Resp: 15092
Ion Ratio Lower Upper
92 100
91 174.4 139.4 209.0

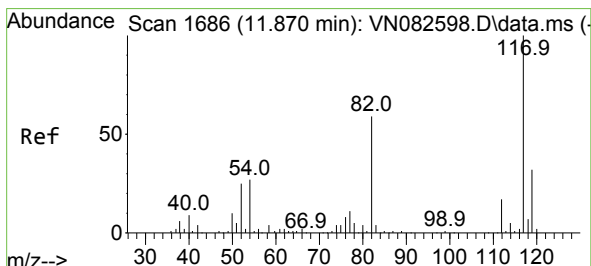
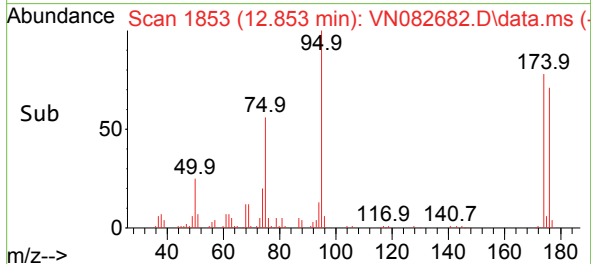
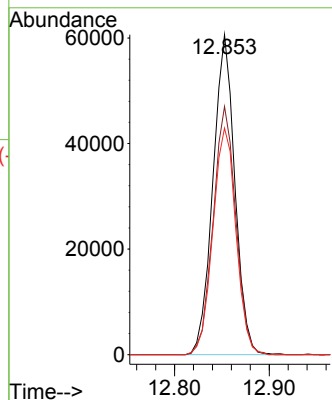
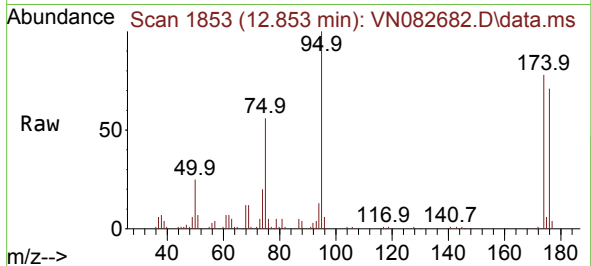




#62
4-Bromofluorobenzene
Concen: 44.398 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082682.D
Acq: 21 Jun 2024 16:57

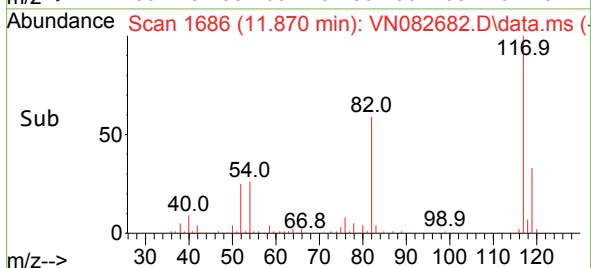
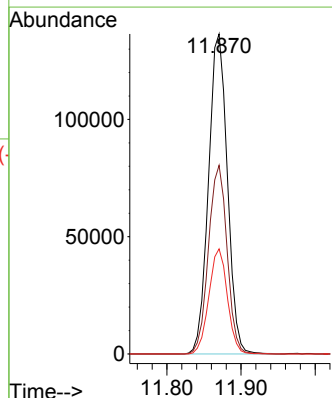
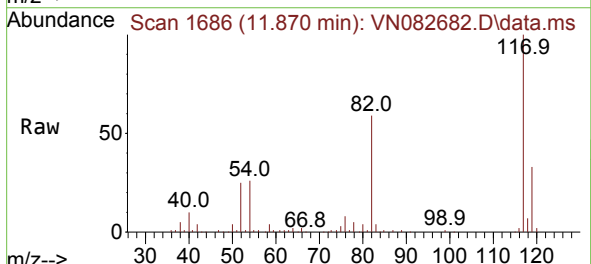
Instrument :
MSVOA_N
ClientSampleId :

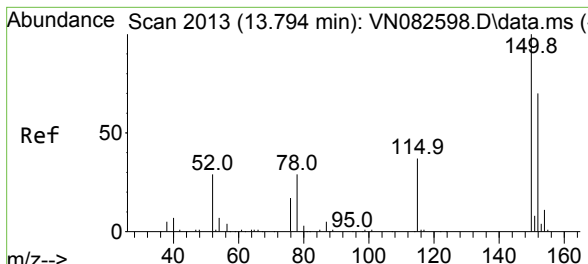
Tgt Ion: 95 Resp: 97239
Ion Ratio Lower Upper
95 100
174 80.6 0.0 159.2
176 74.7 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN082682.D
Acq: 21 Jun 2024 16:57

Tgt Ion: 117 Resp: 241432
Ion Ratio Lower Upper
117 100
82 58.9 47.5 71.3
119 32.9 25.6 38.4

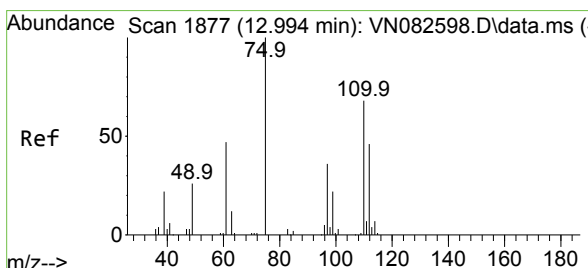
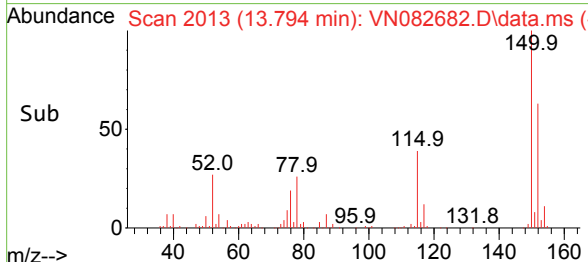
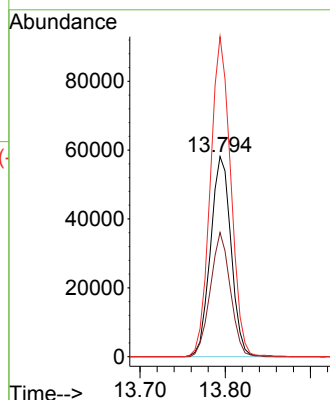
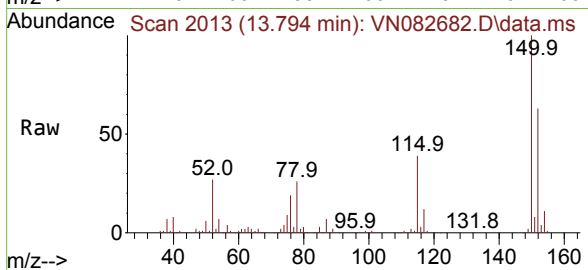




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082682.D
 Acq: 21 Jun 2024 16:57

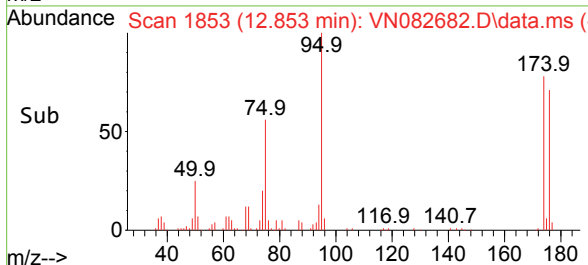
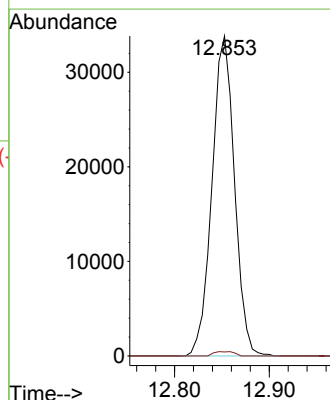
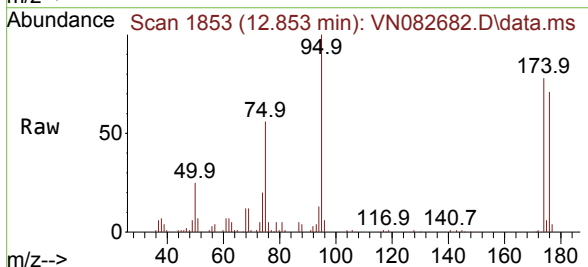
Instrument :
 MSVOA_N
 ClientSampleId :

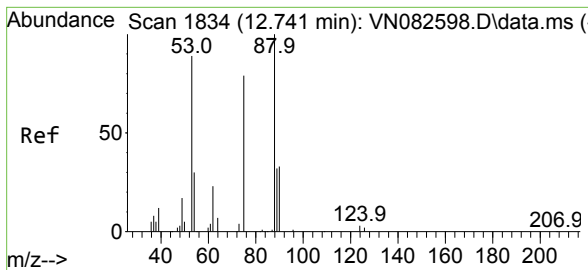
Tgt Ion:152 Resp: 97468
 Ion Ratio Lower Upper
 152 100
 115 60.5 30.6 91.6
 150 159.1 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 23.433 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN082682.D
 Acq: 21 Jun 2024 16:57

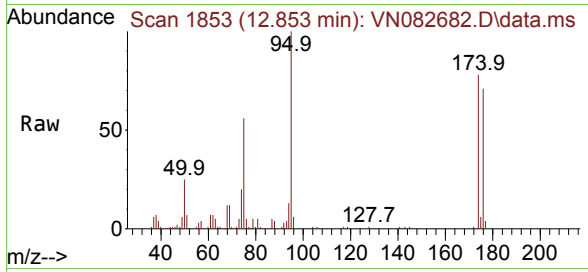
Tgt Ion: 75 Resp: 55863
 Ion Ratio Lower Upper
 75 100
 77 1.2 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.062 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN082682.D
 Acq: 21 Jun 2024 16:57

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	75	Resp:	55863
Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.4	132.6#
89	0.0	36.3	54.5#

