

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071124\
 Data File : VN082880.D
 Acq On : 11 Jul 2024 16:45
 Operator : JC\MD
 Sample : P3206-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 626-B

Quant Time: Jul 12 01:09:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

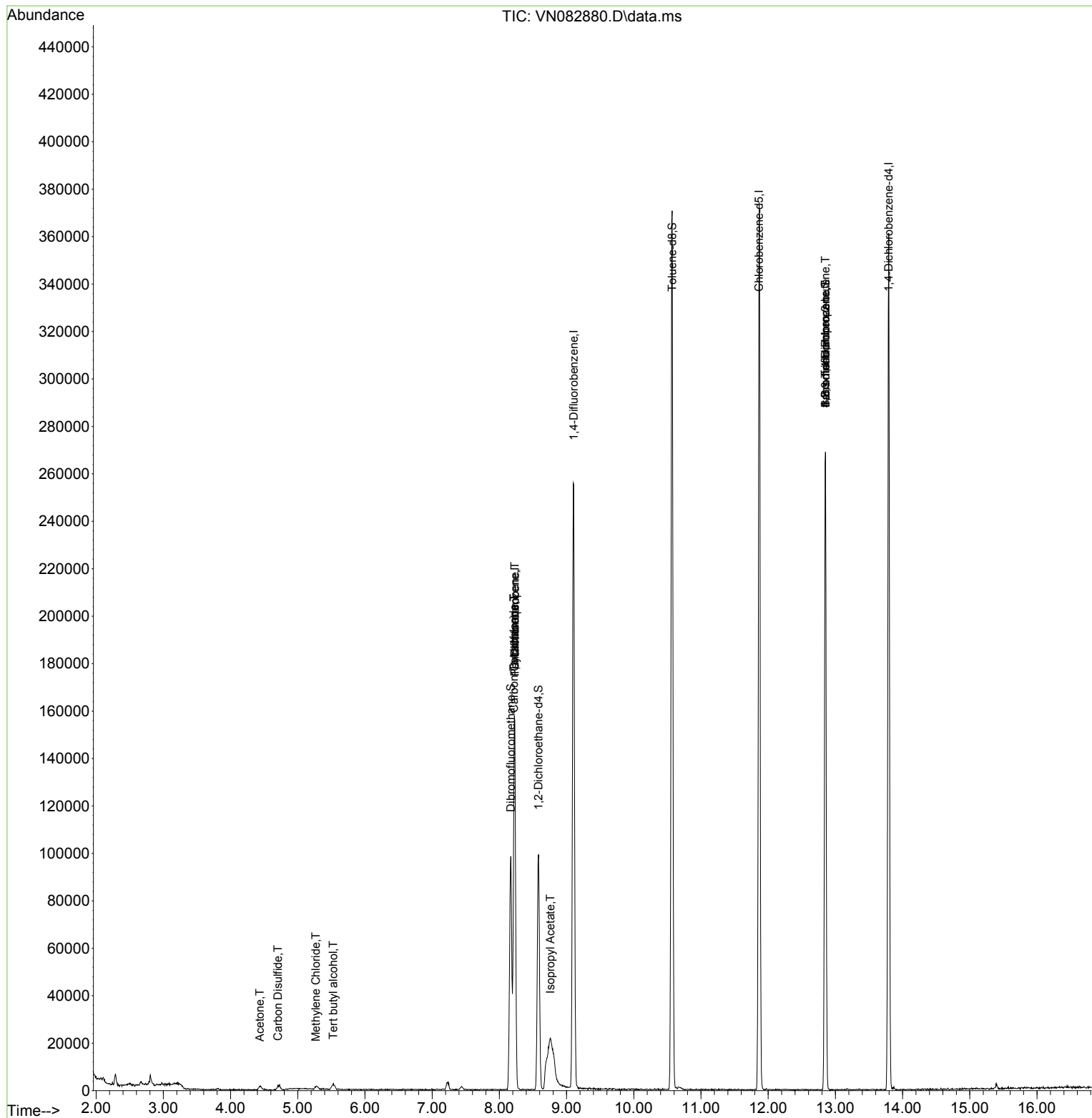
Internal Standards						
1) Pentafluorobenzene	8.229	168	114724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	219815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	211663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	93256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	84525	52.559	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.120%	
35) Dibromofluoromethane	8.171	113	69301	49.132	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.260%	
50) Toluene-d8	10.570	98	255410	49.026	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.060%	
62) 4-Bromofluorobenzene	12.853	95	90761	48.500	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 97.000%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.530	59	4549	16.818	ug/l #	78
16) Acetone	4.436	43	3694	6.524	ug/l #	86
17) Carbon Disulfide	4.706	76	2386	0.682	ug/l #	75
20) Methylene Chloride	5.271	84	1118	0.818	ug/l #	58
31) Cyclohexane	8.224	56	2887	1.373	ug/l #	12
36) 1,1-Dichloropropene	8.229	75	9993	5.139	ug/l #	52
38) Carbon Tetrachloride	8.218	117	12378	5.286	ug/l #	16
43) Isopropyl Acetate	8.759	43	57612	13.251	ug/l #	60
71) Bromoform	12.853	173	591	0.466	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	50944	31.686	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	50944	62.317	ug/l #	6

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

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Sample : P3206-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
626-B

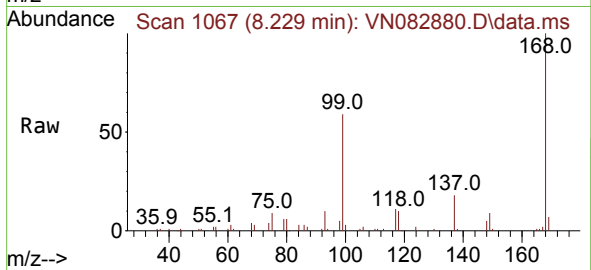
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration



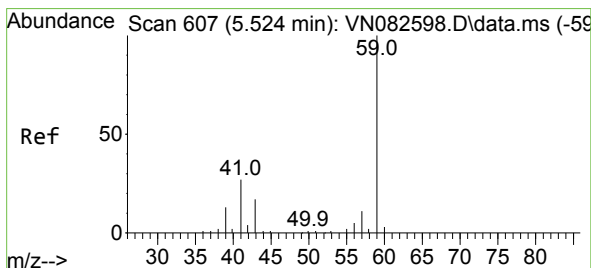
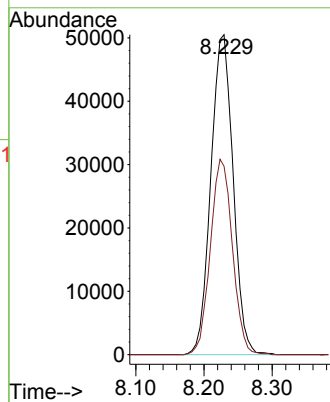
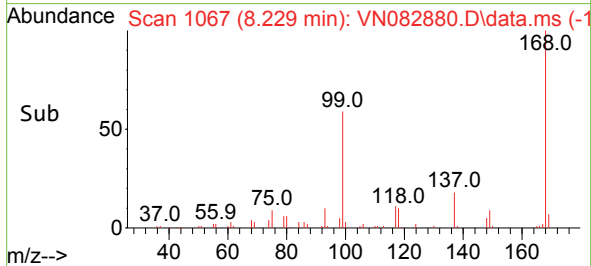


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VN082880.D
Acq: 11 Jul 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
626-B

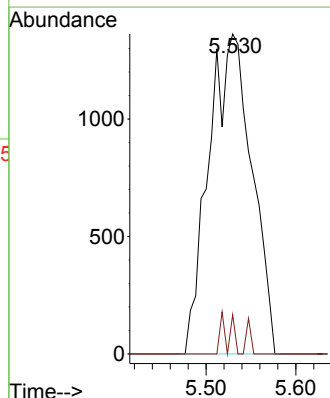
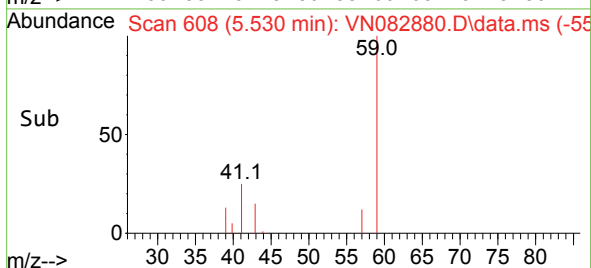
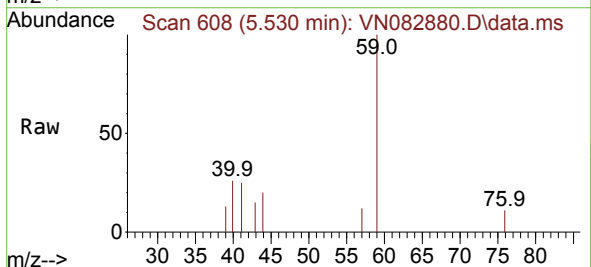


Tgt Ion:168 Resp: 114724
Ion Ratio Lower Upper
168 100
99 58.9 48.2 72.4



#11
Tert butyl alcohol
Concen: 16.818 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN082880.D
Acq: 11 Jul 2024 16:45

Tgt Ion: 59 Resp: 4549
Ion Ratio Lower Upper
59 100
57 2.7 8.9 13.3#





#16

Acetone

Concen: 6.524 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN082880.D

Acq: 11 Jul 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :

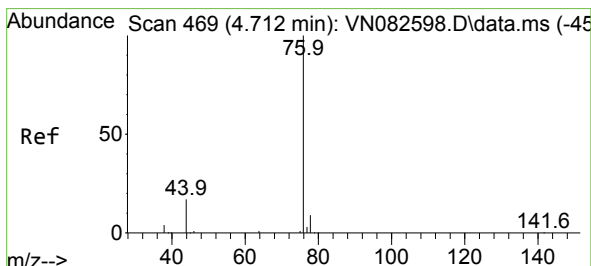
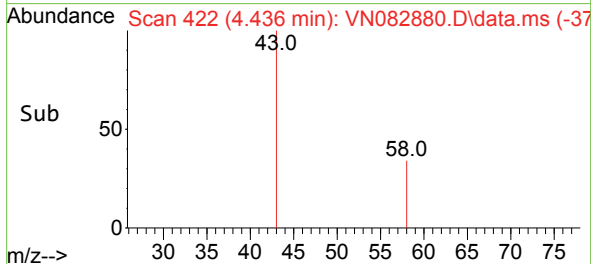
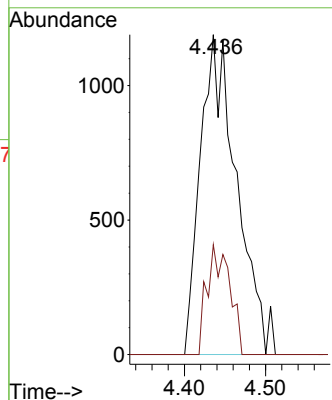
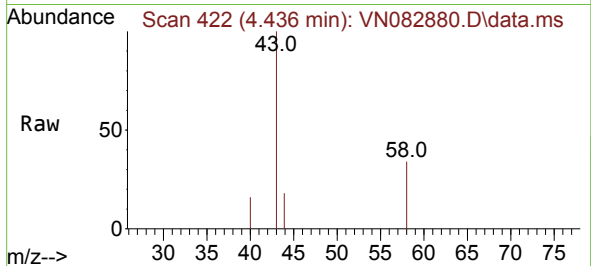
626-B

Tgt Ion: 43 Resp: 3694

Ion Ratio Lower Upper

43 100

58 34.3 21.8 32.6#



#17

Carbon Disulfide

Concen: 0.682 ug/l

RT: 4.706 min Scan# 468

Delta R.T. -0.006 min

Lab File: VN082880.D

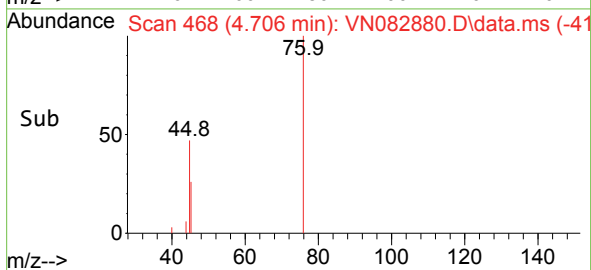
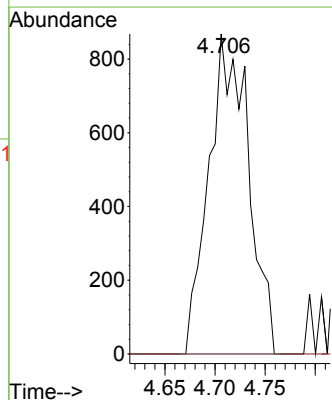
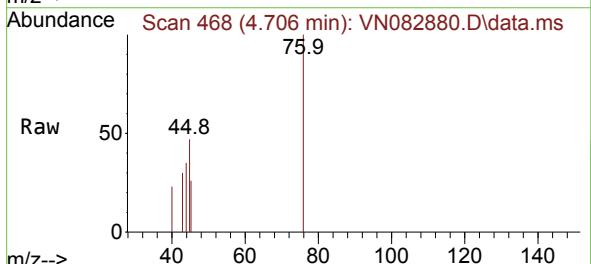
Acq: 11 Jul 2024 16:45

Tgt Ion: 76 Resp: 2386

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#

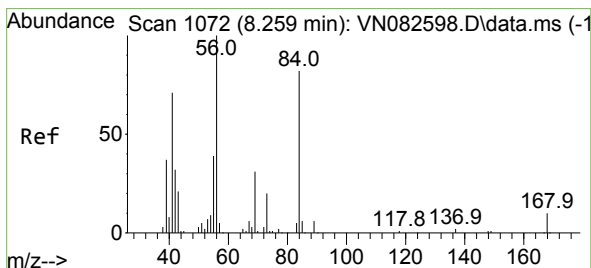
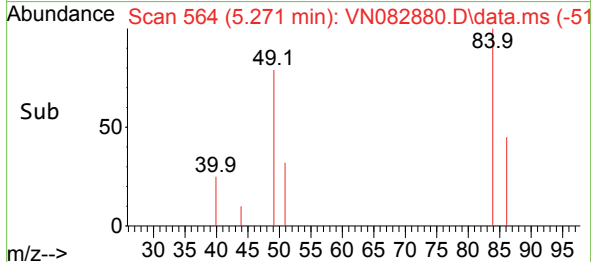
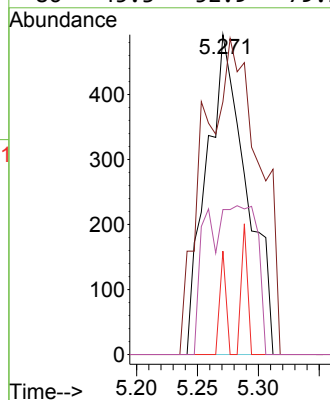
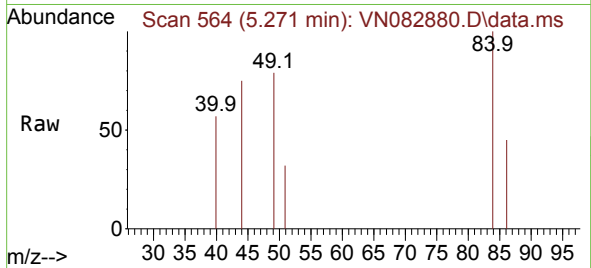




#20
Methylene Chloride
Concen: 0.818 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN082880.D
Acq: 11 Jul 2024 16:45

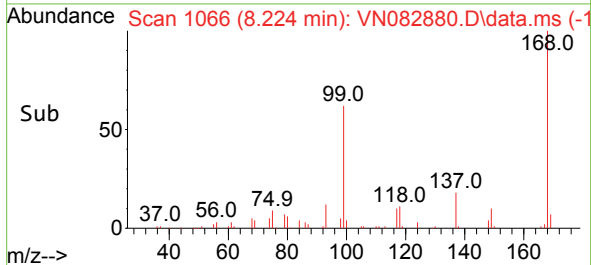
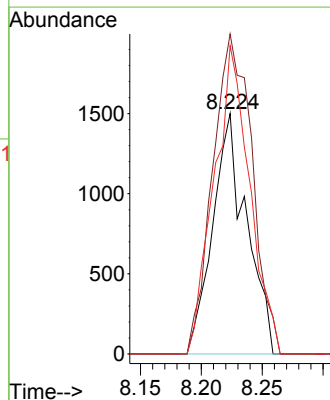
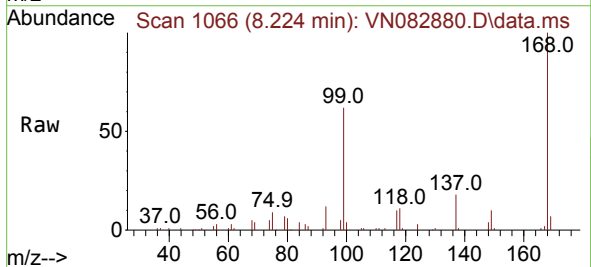
Instrument :
MSVOA_N
ClientSampleId :
626-B

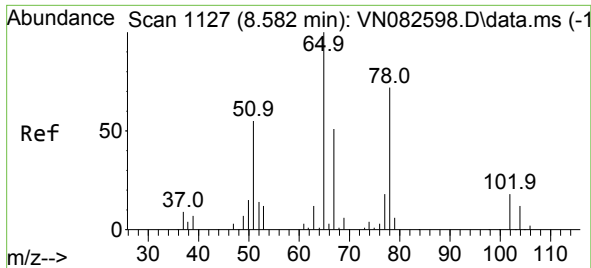
Tgt Ion:	84	Resp:	1118
Ion	Ratio	Lower	Upper
84	100		
49	79.1	119.6	179.4#
51	32.3	34.8	52.2#
86	45.3	52.9	79.3#



#31
Cyclohexane
Concen: 1.373 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082880.D
Acq: 11 Jul 2024 16:45

Tgt Ion:	56	Resp:	2887
Ion	Ratio	Lower	Upper
56	100		
69	133.0	24.5	36.7#
84	128.2	66.0	99.0#





#33

1,2-Dichloroethane-d4

Concen: 52.559 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082880.D

Acq: 11 Jul 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :

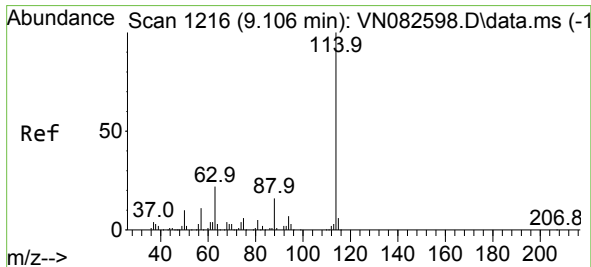
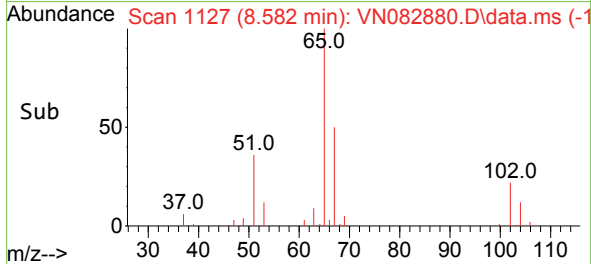
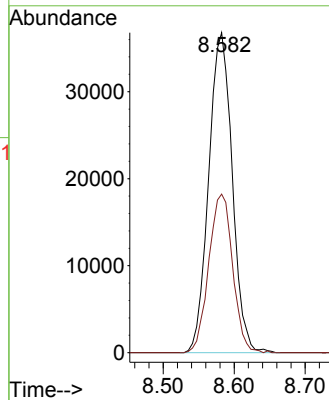
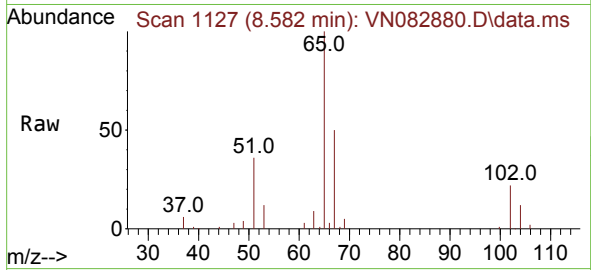
626-B

Tgt Ion: 65 Resp: 84525

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: VN082880.D

Acq: 11 Jul 2024 16:45

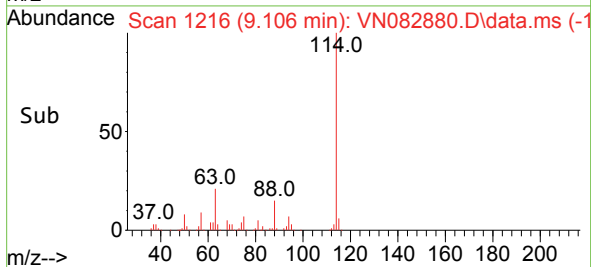
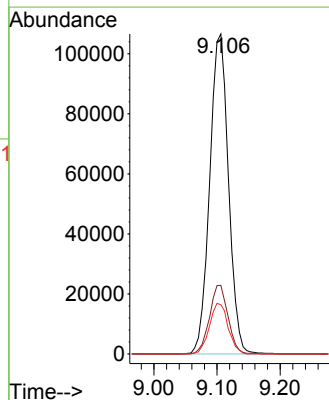
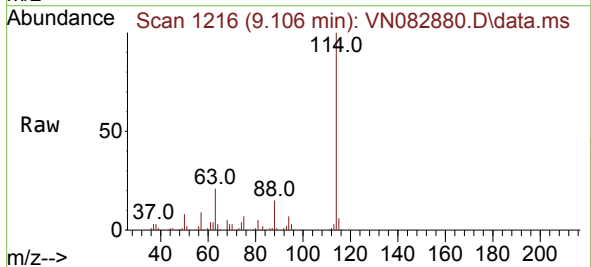
Tgt Ion: 114 Resp: 219815

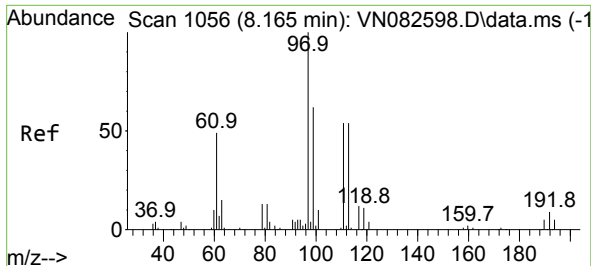
Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.6

88 15.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.132 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082880.D

Acq: 11 Jul 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :

626-B

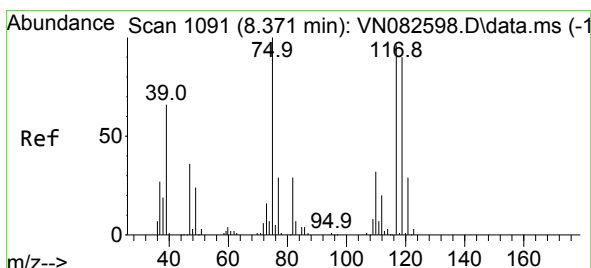
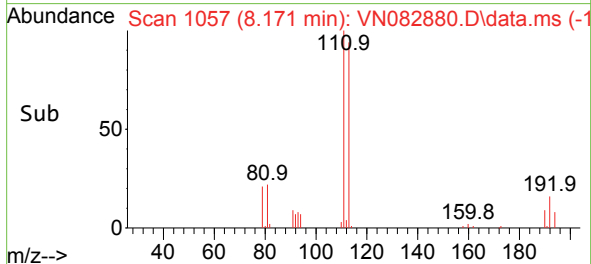
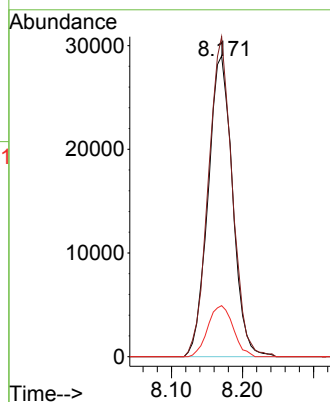
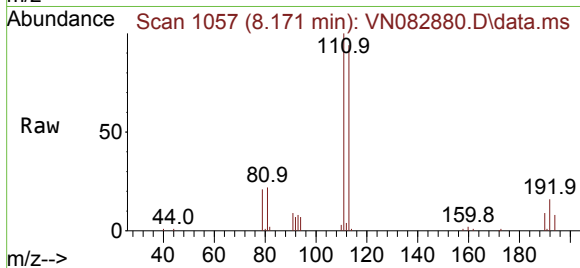
Tgt Ion:113 Resp: 69301

Ion Ratio Lower Upper

113 100

111 103.8 82.4 123.6

192 17.6 14.9 22.3



#36

1,1-Dichloropropene

Concen: 5.139 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.142 min

Lab File: VN082880.D

Acq: 11 Jul 2024 16:45

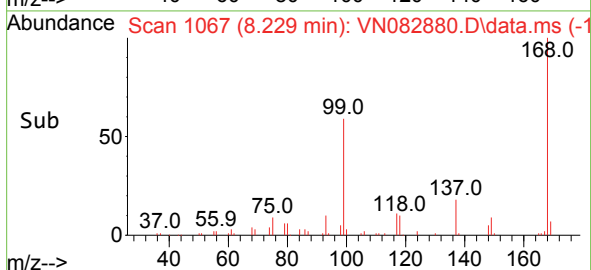
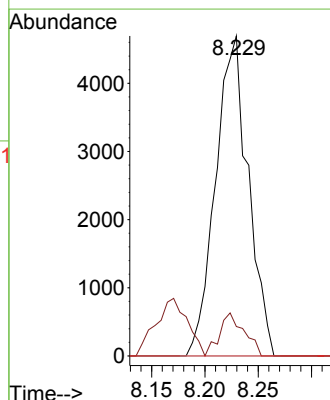
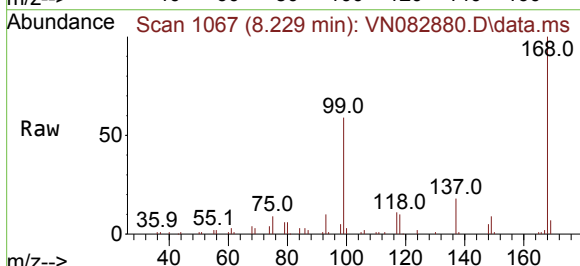
Tgt Ion: 75 Resp: 9993

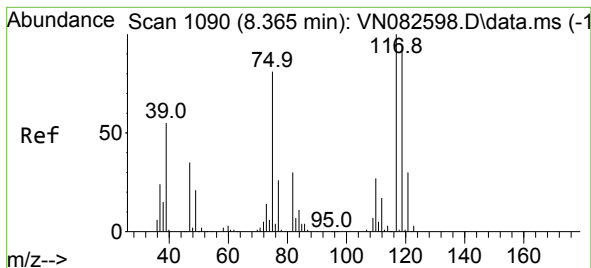
Ion Ratio Lower Upper

75 100

110 10.1 16.3 48.9#

77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.286 ug/l

RT: 8.218 min Scan# 1107

Delta R.T. -0.147 min

Lab File: VN082880.D

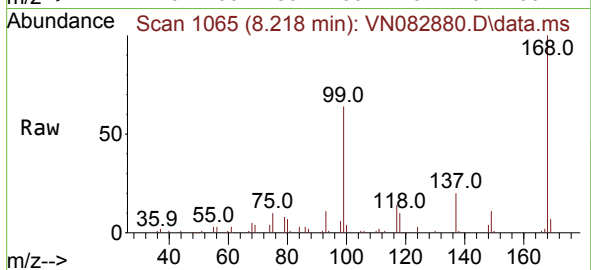
Acq: 11 Jul 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :

626-B



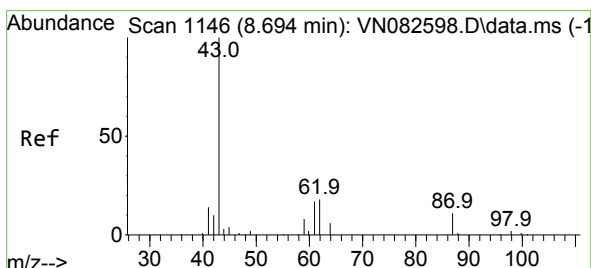
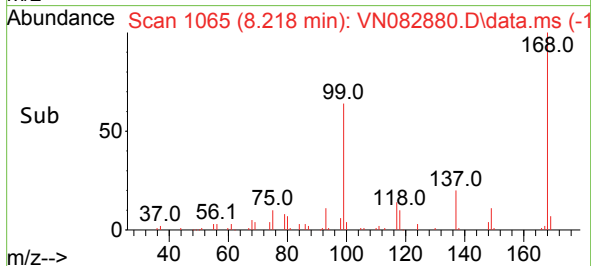
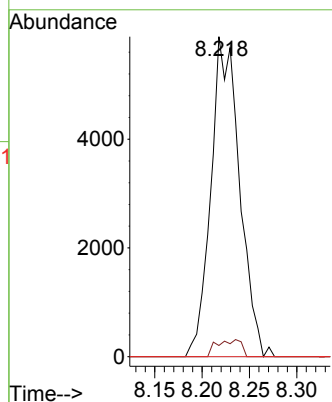
Tgt Ion:117 Resp: 12378

Ion Ratio Lower Upper

117 100

119 3.5 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: 13.251 ug/l

RT: 8.759 min Scan# 1157

Delta R.T. 0.065 min

Lab File: VN082880.D

Acq: 11 Jul 2024 16:45

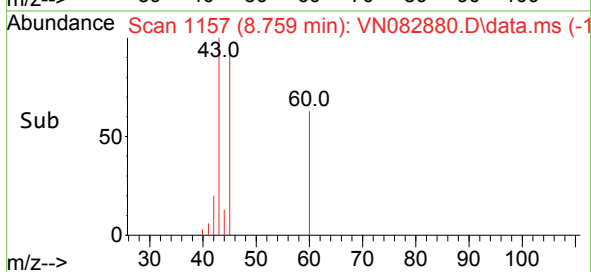
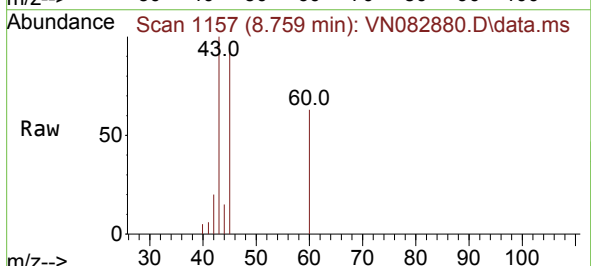
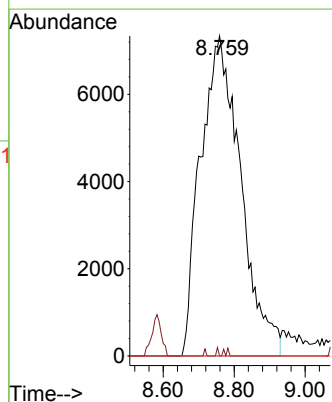
Tgt Ion: 43 Resp: 57612

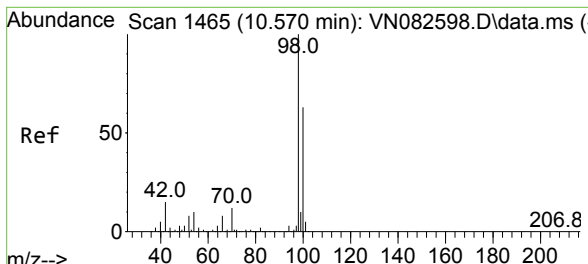
Ion Ratio Lower Upper

43 100

61 0.1 17.8 26.6#

87 0.0 8.2 12.2#

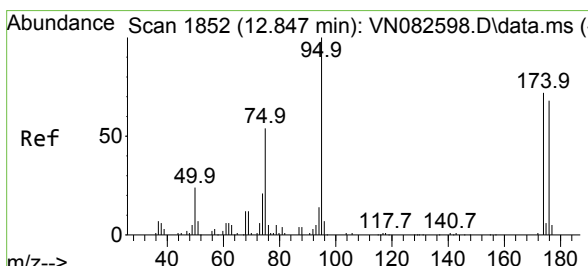
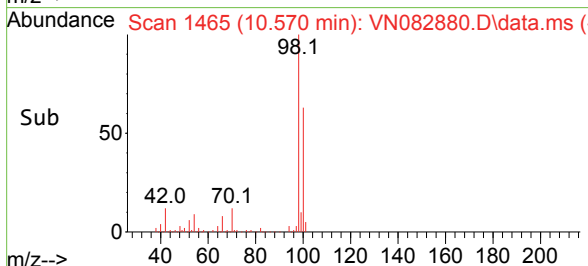
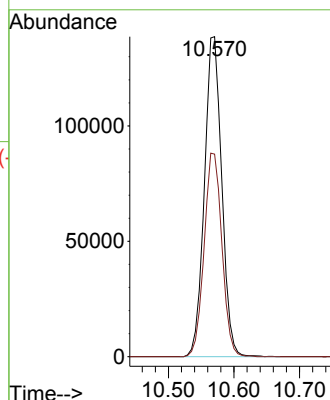
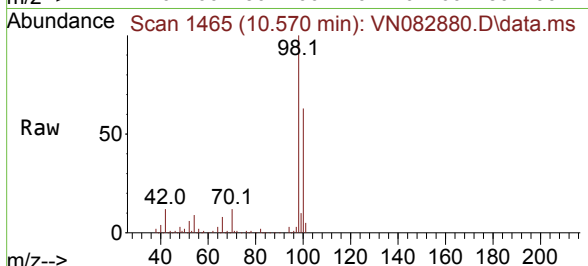




#50
Toluene-d8
Concen: 49.026 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082880.D
Acq: 11 Jul 2024 16:45

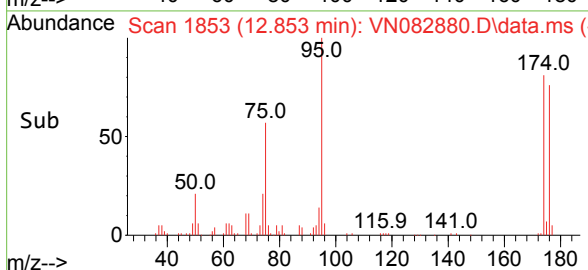
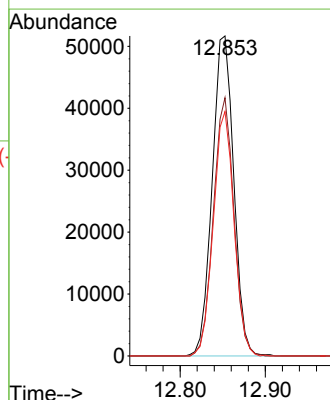
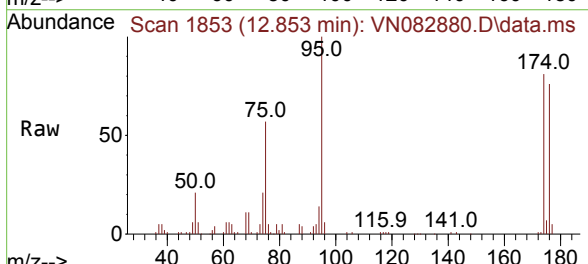
Instrument :
MSVOA_N
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626-B

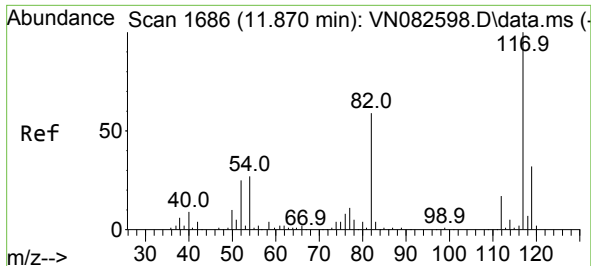
Tgt Ion: 98 Resp: 255410
Ion Ratio Lower Upper
98 100
100 65.2 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 48.500 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082880.D
Acq: 11 Jul 2024 16:45

Tgt Ion: 95 Resp: 90761
Ion Ratio Lower Upper
95 100
174 76.8 0.0 159.2
176 73.5 0.0 147.6

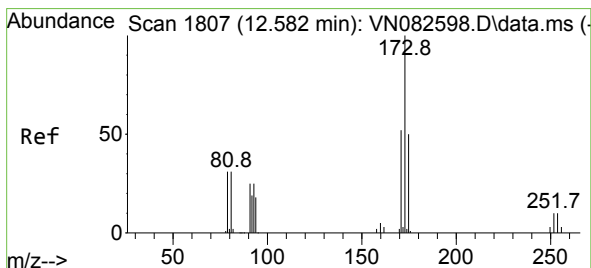
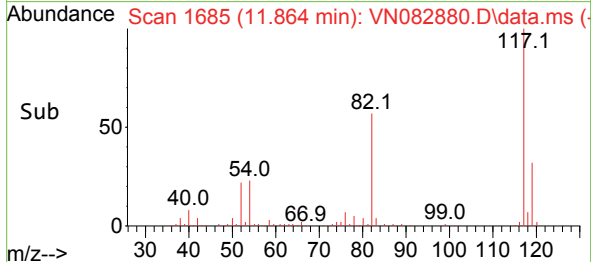
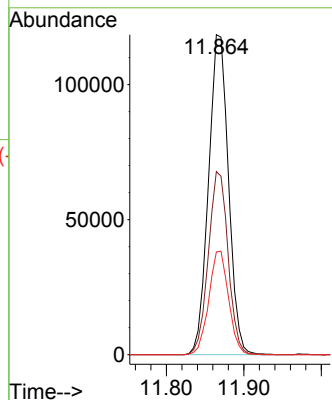
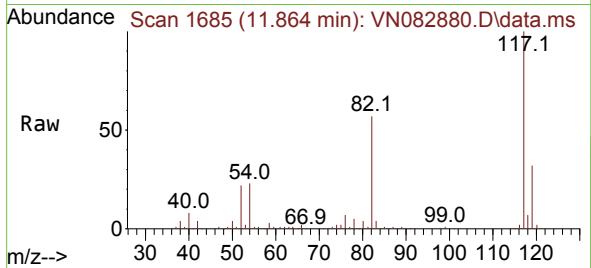




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN082880.D
Acq: 11 Jul 2024 16:45

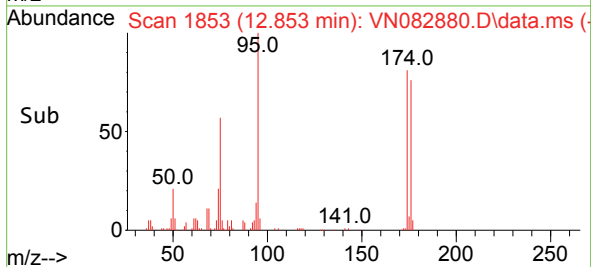
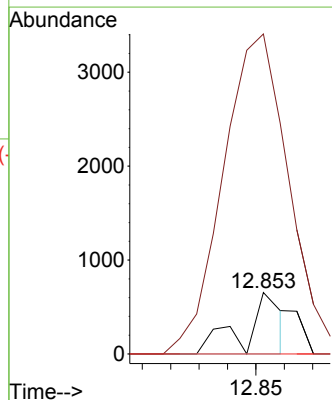
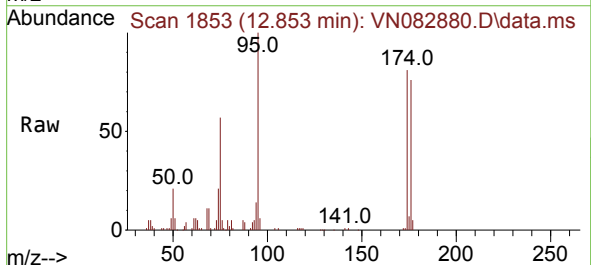
Instrument :
MSVOA_N
ClientSampleId :
626-B

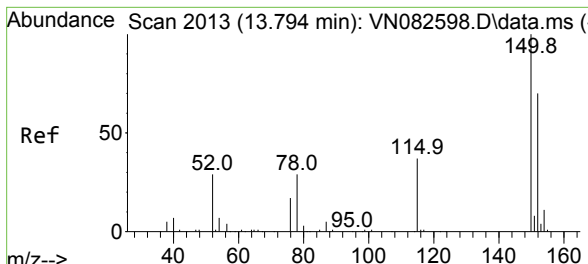
Tgt Ion:117 Resp: 211663
Ion Ratio Lower Upper
117 100
82 57.3 47.5 71.3
119 32.1 25.6 38.4



#71
Bromoform
Concen: 0.466 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN082880.D
Acq: 11 Jul 2024 16:45

Tgt Ion:173 Resp: 591
Ion Ratio Lower Upper
173 100
175 800.3 24.0 72.0#
254 0.0 0.0 0.0

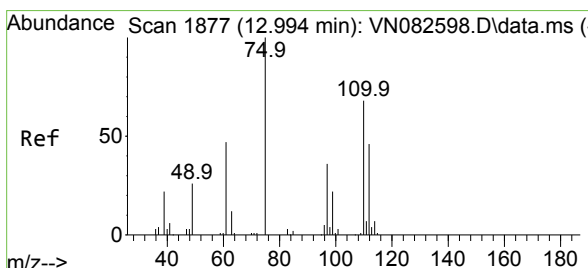
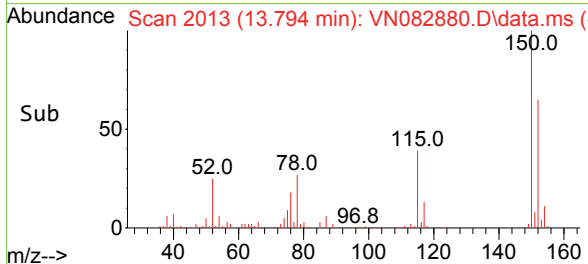
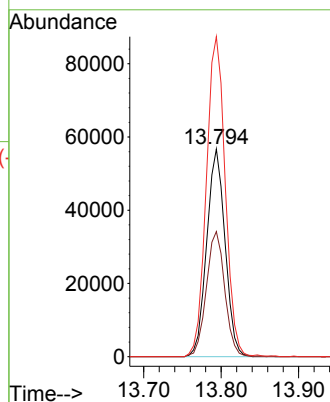
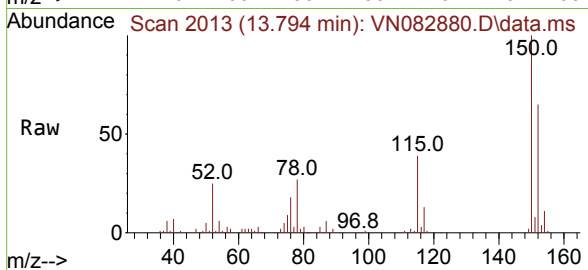




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082880.D
Acq: 11 Jul 2024 16:45

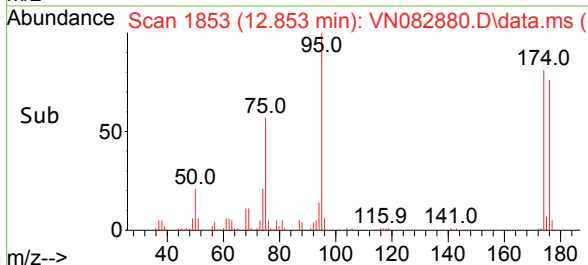
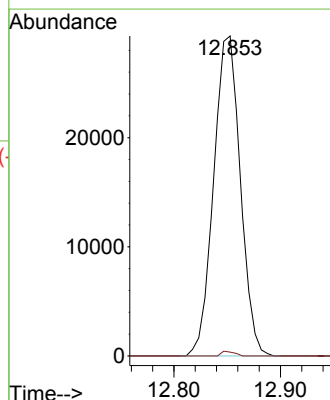
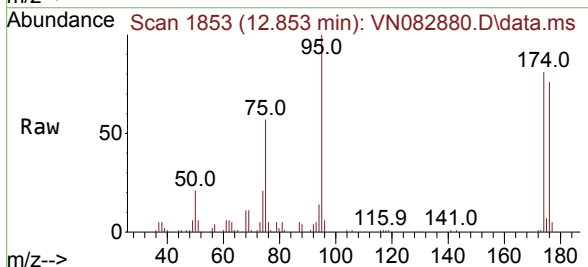
Instrument :
MSVOA_N
ClientSampleId :
626-B

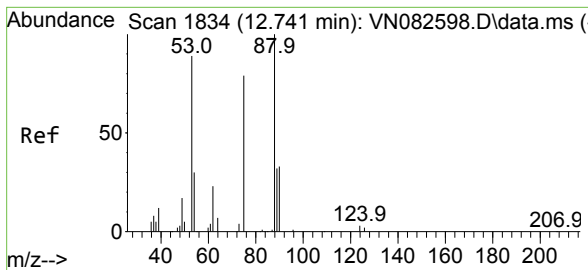
Tgt Ion:	152	Resp:	93256
Ion	Ratio	Lower	Upper
152	100		
115	60.4	30.6	91.6
150	158.4	0.0	348.6



#76
1,2,3-Trichloropropane
Concen: 31.686 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082880.D
Acq: 11 Jul 2024 16:45

Tgt Ion:	75	Resp:	50944
Ion	Ratio	Lower	Upper
75	100		
77	0.7	110.9	332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.317 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN082880.D
 Acq: 11 Jul 2024 16:45

Instrument :
 MSVOA_N
 ClientSampleId :
 626-B

Tgt Ion: 75 Resp: 50944
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.4 132.6#
 89 0.0 36.3 54.5#

