

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071124\
 Data File : VN082870.D
 Acq On : 11 Jul 2024 12:42
 Operator : JC\MD
 Sample : P3206-02 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 626-A

Quant Time: Jul 12 01:05:17 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)

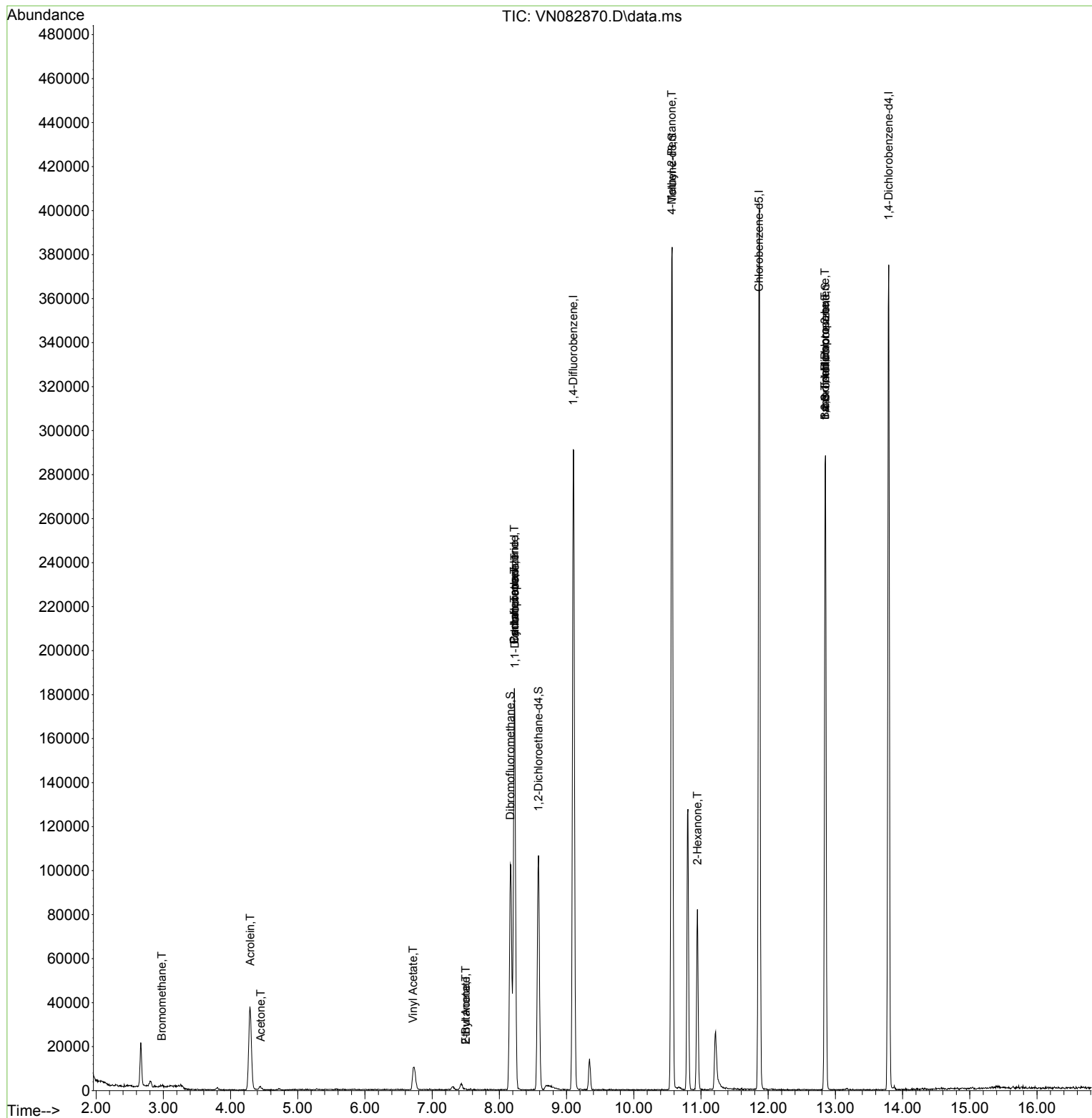
Internal Standards						
1) Pentafluorobenzene	8.224	168	128050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	234390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	228600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	99753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	89324	49.763	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.520%
35) Dibromofluoromethane	8.165	113	73604	48.938	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.880%
50) Toluene-d8	10.571	98	265615	47.815	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.620%
62) 4-Bromofluorobenzene	12.853	95	96421	48.321	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	96.640%
Target Compounds						
					Qvalue	
5) Bromomethane	2.977	94	317	0.266	ug/l #	1
13) Acrolein	4.295	56	562	2.578	ug/l #	1
16) Acetone	4.447	43	2734	4.326	ug/l #	59
23) Vinyl Acetate	6.718	43	2154	0.636	ug/l #	75
25) 2-Butanone	7.500	43	546	0.572	ug/l #	53
31) Cyclohexane	8.224	56	2976	1.268	ug/l #	7
36) 1,1-Dichloropropene	8.230	75	11123	5.364	ug/l #	52
37) Ethyl Acetate	7.500	43	546	0.259	ug/l #	72
38) Carbon Tetrachloride	8.224	117	14204	5.689	ug/l #	17
43) Isopropyl Acetate	8.712	43	2269	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1180	0.564	ug/l #	1
59) 2-Hexanone	10.947	43	6786	4.361	ug/l	94
71) Bromoform	12.847	173	647	0.472	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	54180	31.504	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	54180	61.959	ug/l #	6

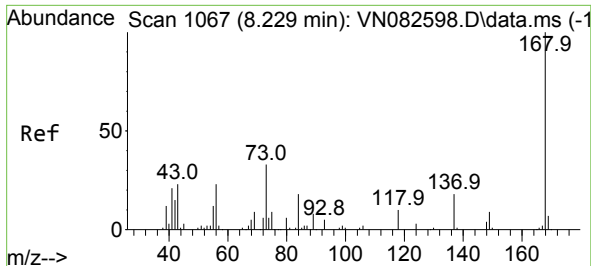
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071124\
Data File : VN082870.D
Acq On : 11 Jul 2024 12:42
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Sample : P3206-02 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
626-A

Quant Time: Jul 12 01:05:17 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

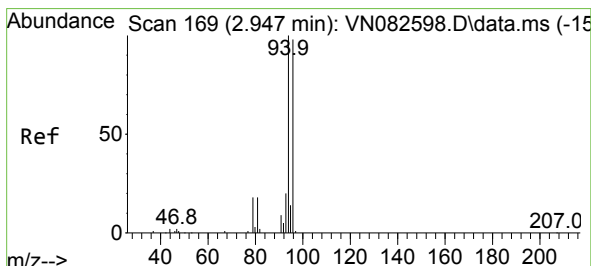
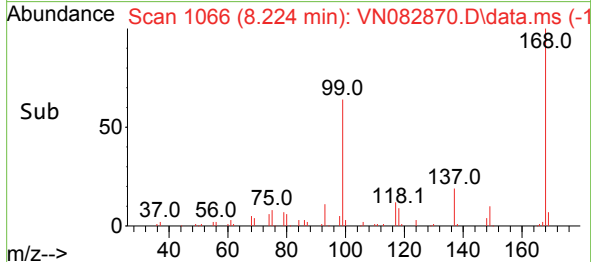
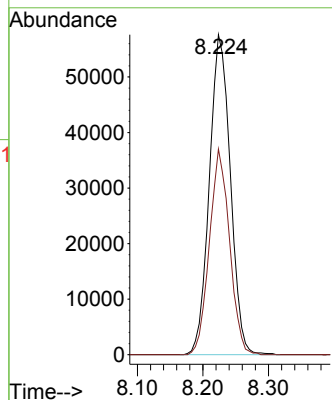
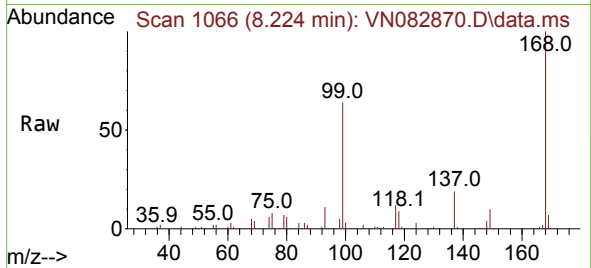




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN082870.D
Acq: 11 Jul 2024 12:42

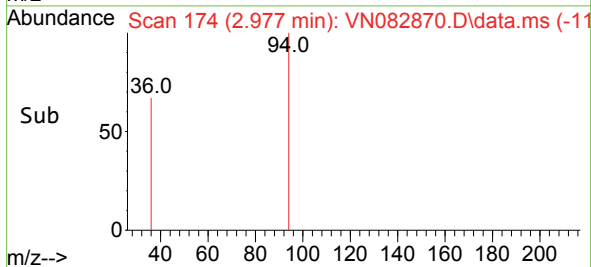
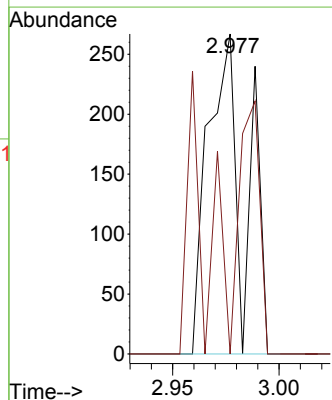
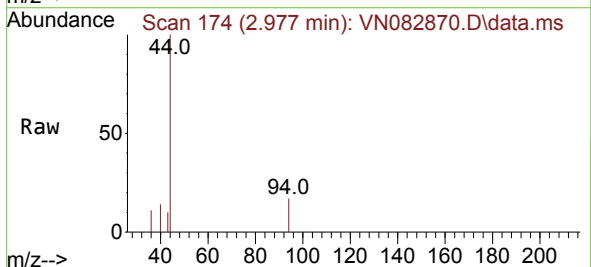
Instrument :
MSVOA_N
ClientSampleId :
626-A

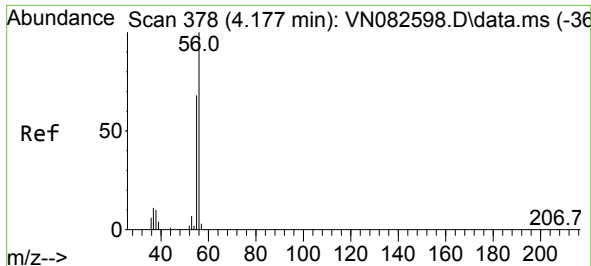
Tgt Ion:168 Resp: 128050
Ion Ratio Lower Upper
168 100
99 64.3 48.2 72.4



#5
Bromomethane
Concen: 0.266 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.030 min
Lab File: VN082870.D
Acq: 11 Jul 2024 12:42

Tgt Ion: 94 Resp: 317
Ion Ratio Lower Upper
94 100
96 0.0 78.0 117.0#

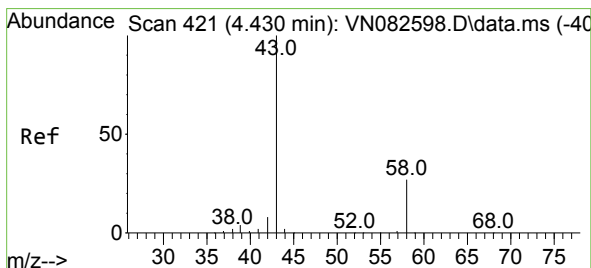
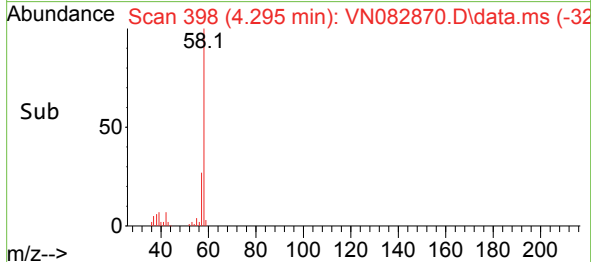
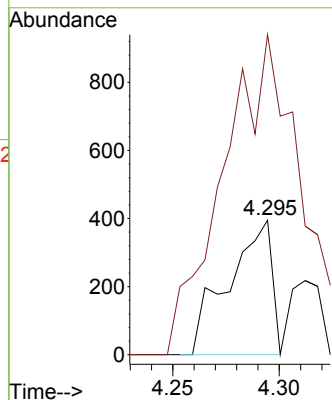
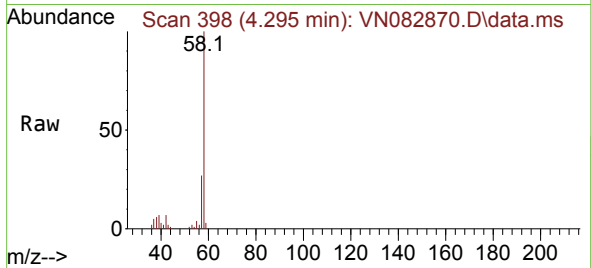




#13
Acrolein
Concen: 2.578 ug/l
RT: 4.295 min Scan# 398
Delta R.T. 0.118 min
Lab File: VN082870.D
Acq: 11 Jul 2024 12:42

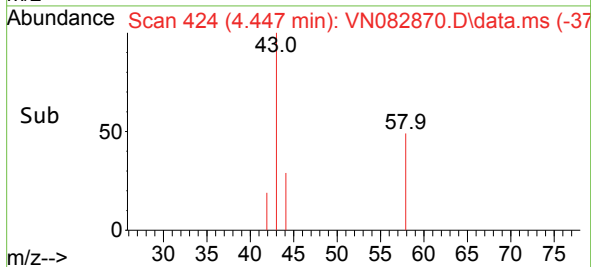
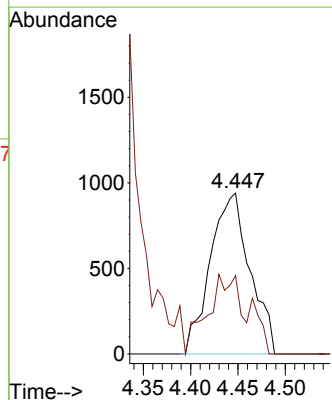
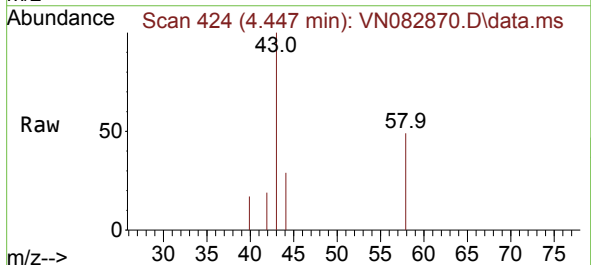
Instrument :
MSVOA_N
ClientSampleId :
626-A

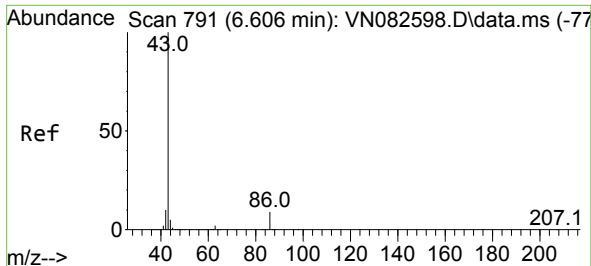
Tgt Ion: 56 Resp: 562
Ion Ratio Lower Upper
56 100
55 433.8 56.4 84.6#



#16
Acetone
Concen: 4.326 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.017 min
Lab File: VN082870.D
Acq: 11 Jul 2024 12:42

Tgt Ion: 43 Resp: 2734
Ion Ratio Lower Upper
43 100
58 48.6 21.8 32.6#

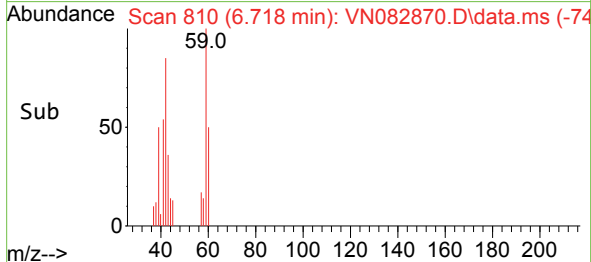
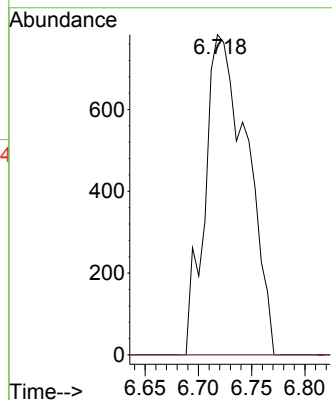
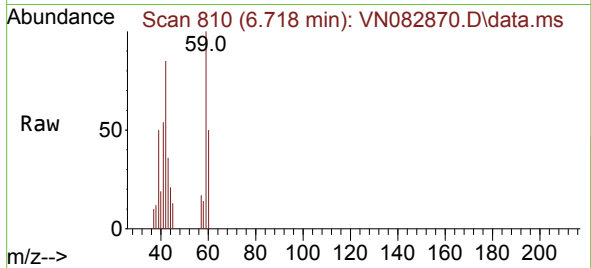




#23
 Vinyl Acetate
 Concen: 0.636 ug/l
 RT: 6.718 min Scan# 81
 Delta R.T. 0.112 min
 Lab File: VN082870.D
 Acq: 11 Jul 2024 12:42

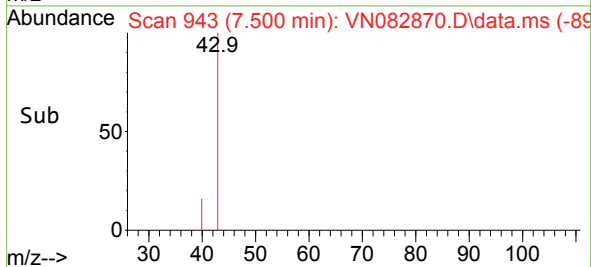
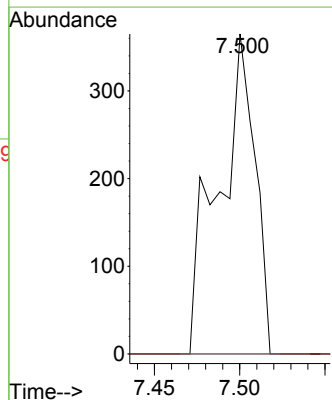
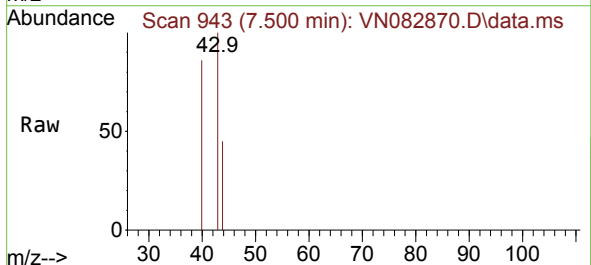
Instrument :
 MSVOA_N
 ClientSampleId :
 626-A

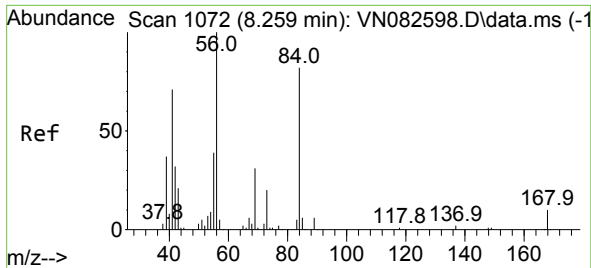
Tgt Ion: 43 Resp: 2154
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.3 10.9#



#25
 2-Butanone
 Concen: 0.572 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. 0.012 min
 Lab File: VN082870.D
 Acq: 11 Jul 2024 12:42

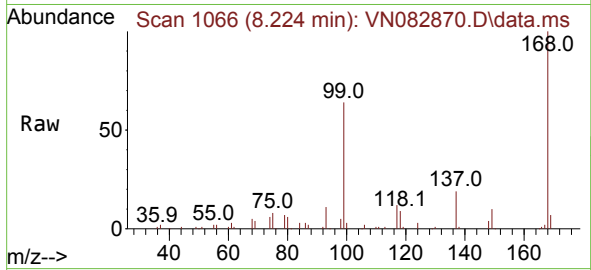
Tgt Ion: 43 Resp: 546
 Ion Ratio Lower Upper
 43 100
 72 0.0 18.2 27.2#



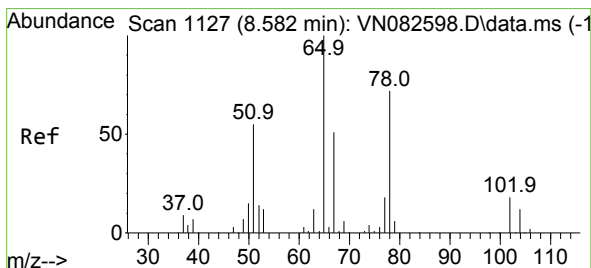
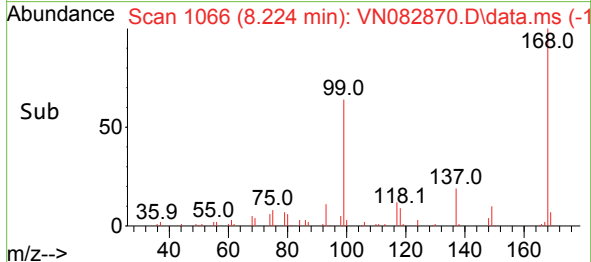
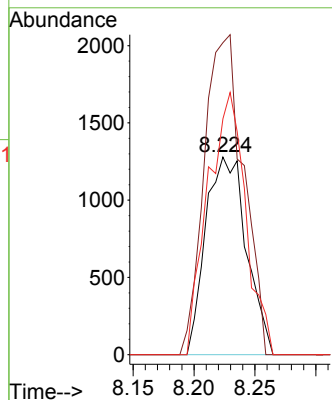


#31
Cyclohexane
Concen: 1.268 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082870.D
Acq: 11 Jul 2024 12:42

Instrument :
MSVOA_N
ClientSampleId :
626-A

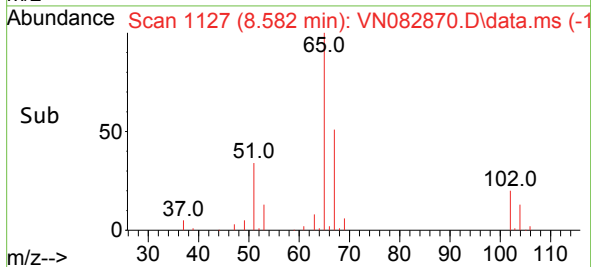
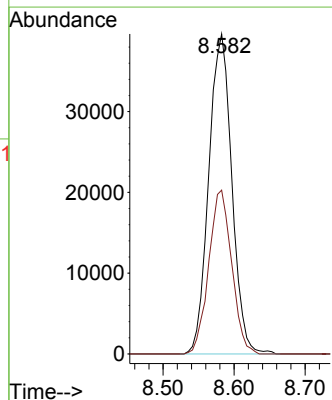
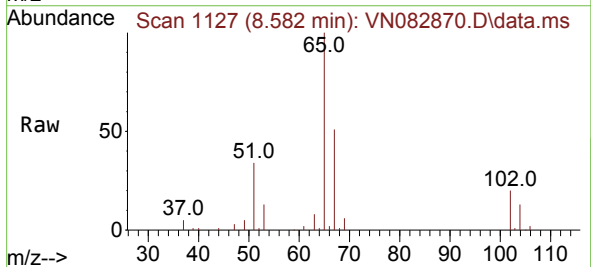


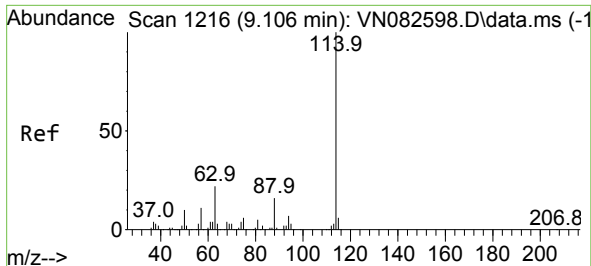
Tgt Ion: 56 Resp: 2976
Ion Ratio Lower Upper
56 100
69 157.9 24.5 36.7#
84 119.3 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 49.763 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082870.D
Acq: 11 Jul 2024 12:42

Tgt Ion: 65 Resp: 89324
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN082870.D

Acq: 11 Jul 2024 12:42

Instrument :

MSVOA_N

ClientSampleId :

626-A

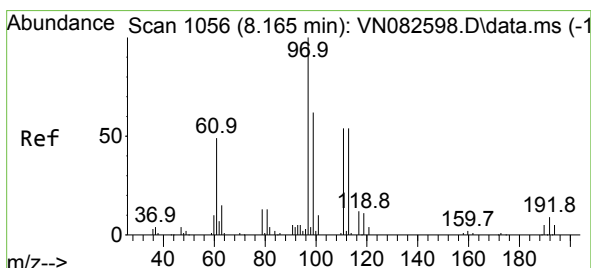
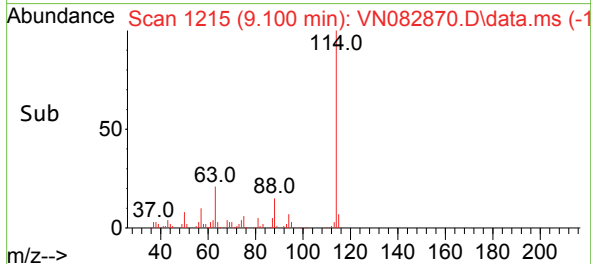
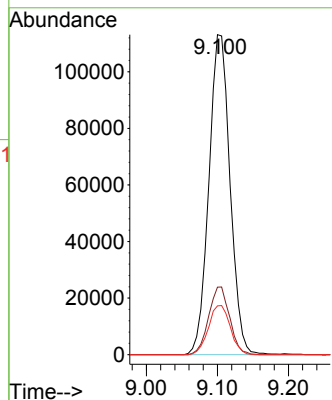
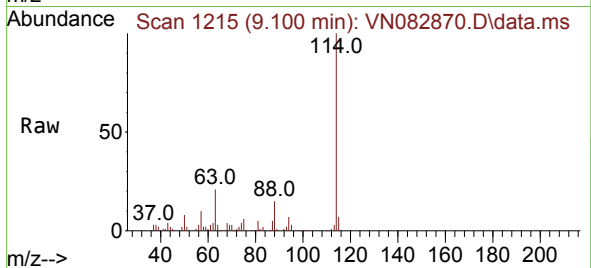
Tgt Ion:114 Resp: 234390

Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.6

88 15.3 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.938 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082870.D

Acq: 11 Jul 2024 12:42

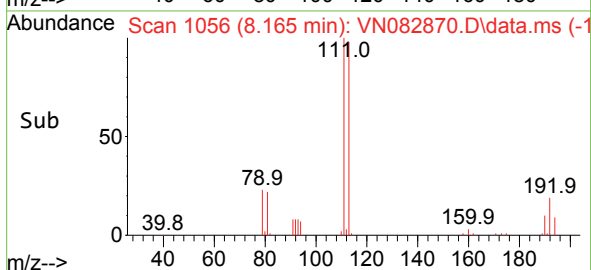
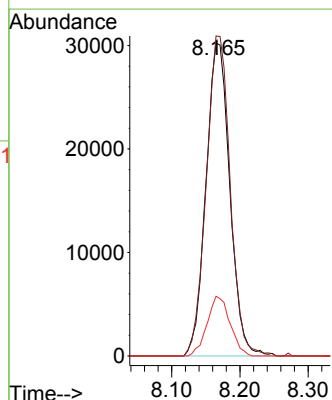
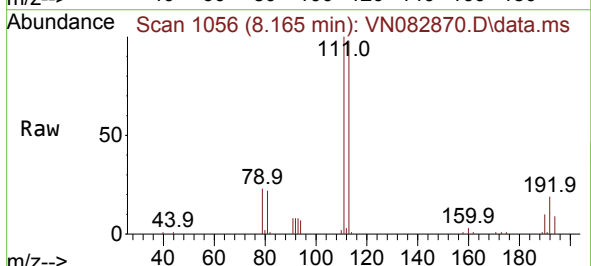
Tgt Ion:113 Resp: 73604

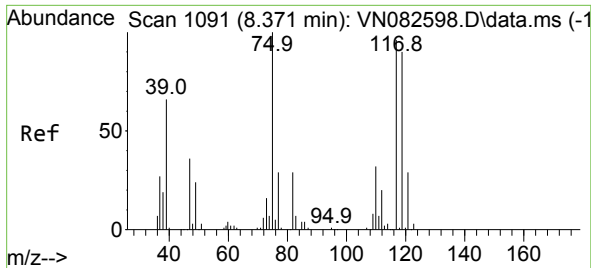
Ion Ratio Lower Upper

113 100

111 102.6 82.4 123.6

192 18.4 14.9 22.3

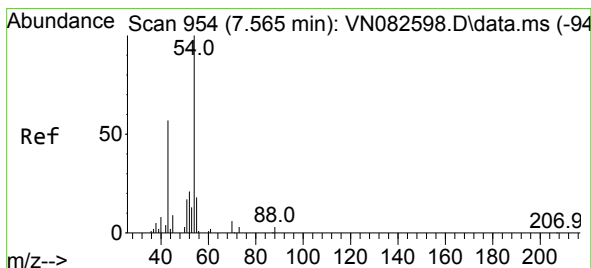
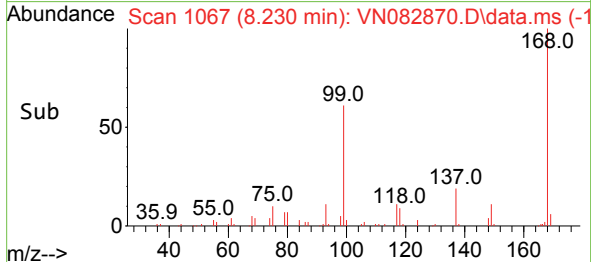
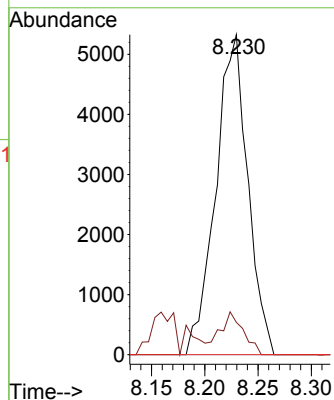
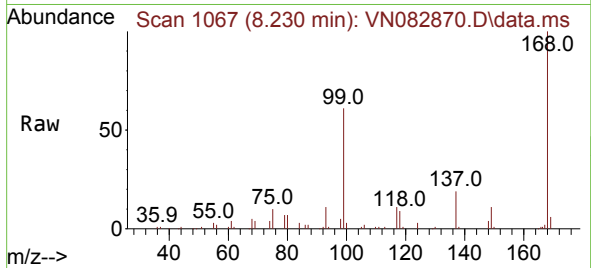




#36
1,1-Dichloropropene
Concen: 5.364 ug/l
RT: 8.230 min Scan# 110
Delta R.T. -0.141 min
Lab File: VN082870.D
Acq: 11 Jul 2024 12:42

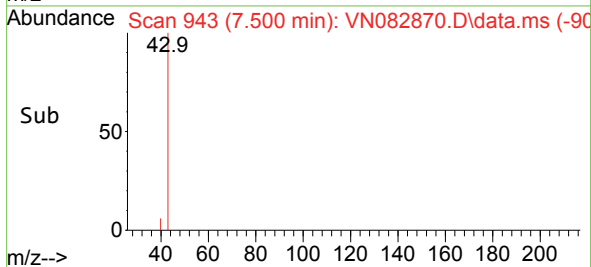
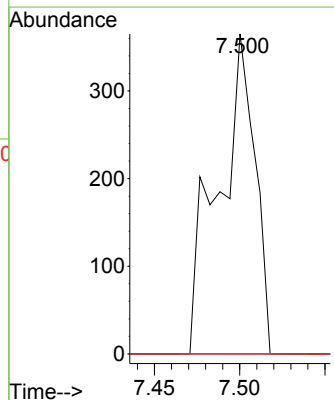
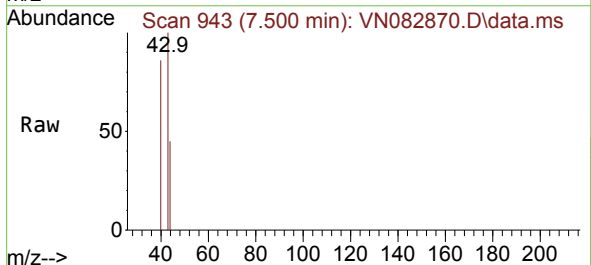
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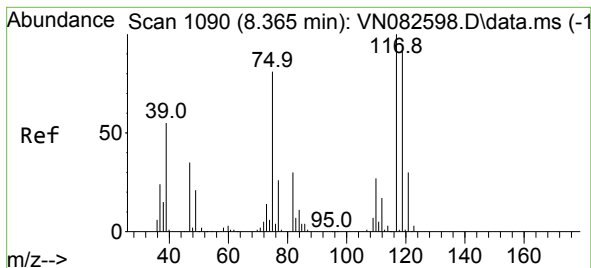
Tgt Ion: 75 Resp: 11123
Ion Ratio Lower Upper
75 100
110 9.9 16.3 48.9#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 0.259 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.065 min
Lab File: VN082870.D
Acq: 11 Jul 2024 12:42

Tgt Ion: 43 Resp: 546
Ion Ratio Lower Upper
43 100
61 0.0 9.3 13.9#
70 0.0 7.0 10.6#





#38

Carbon Tetrachloride

Concen: 5.689 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN082870.D

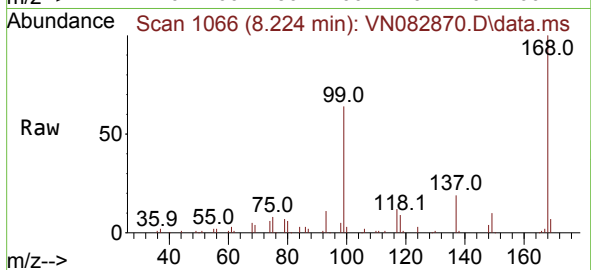
Acq: 11 Jul 2024 12:42

Instrument :

MSVOA_N

ClientSampleId :

626-A



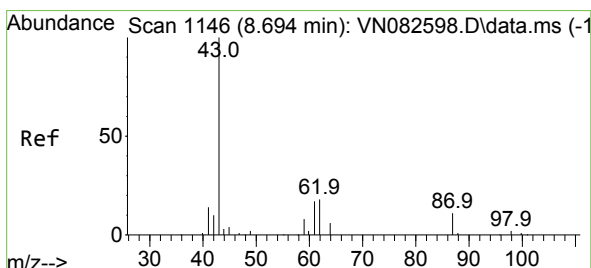
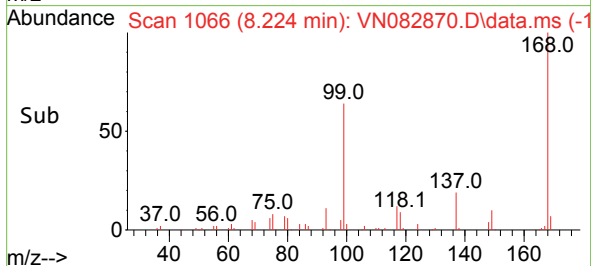
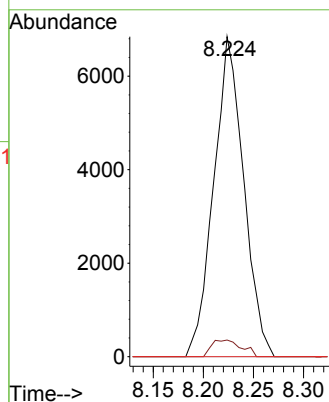
Tgt Ion:117 Resp: 14204

Ion Ratio Lower Upper

117 100

119 5.2 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.712 min Scan# 1149

Delta R.T. 0.018 min

Lab File: VN082870.D

Acq: 11 Jul 2024 12:42

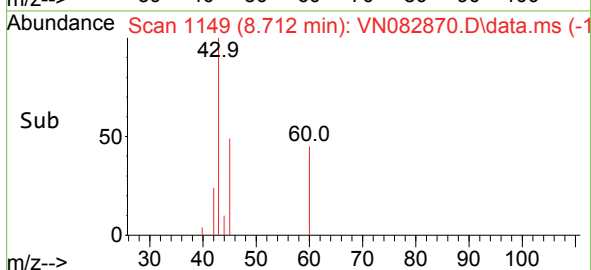
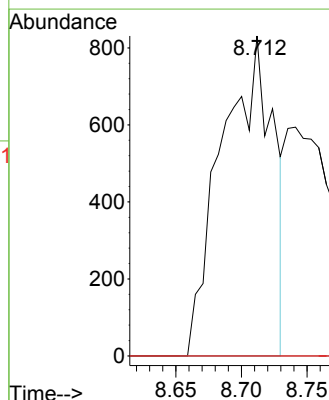
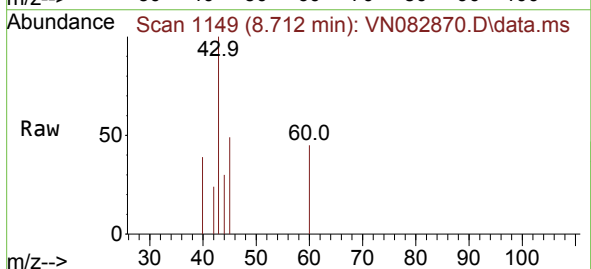
Tgt Ion: 43 Resp: 2269

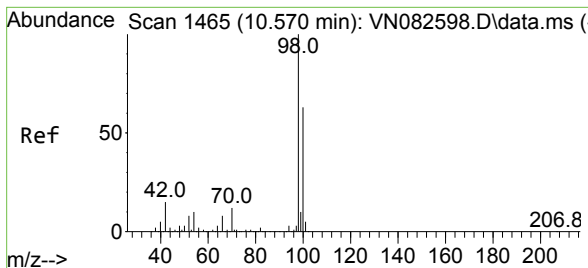
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

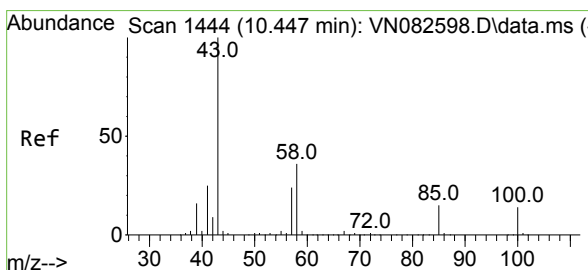
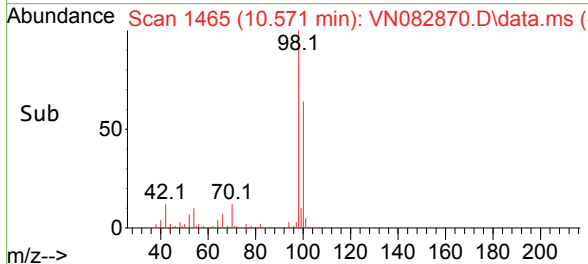
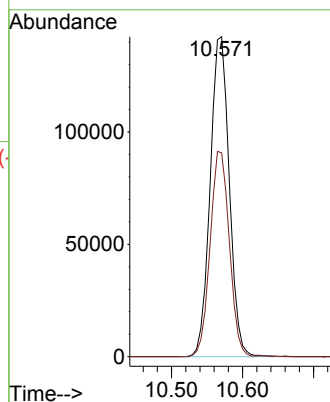
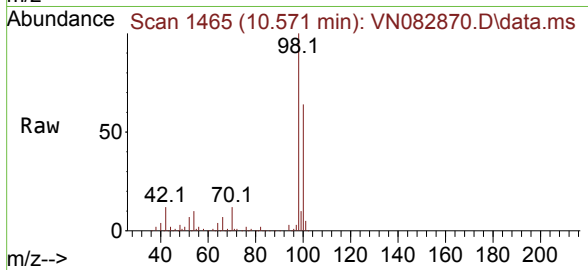




#50
Toluene-d8
Concen: 47.815 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082870.D
Acq: 11 Jul 2024 12:42

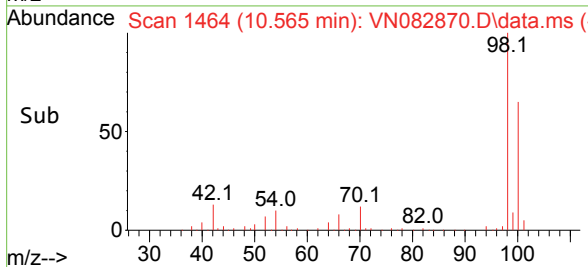
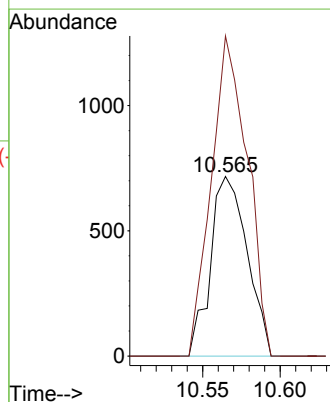
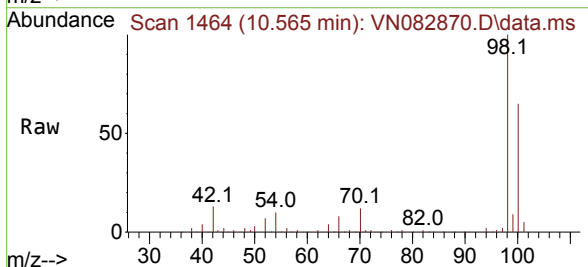
Instrument :
MSVOA_N
ClientSampleId :
626-A

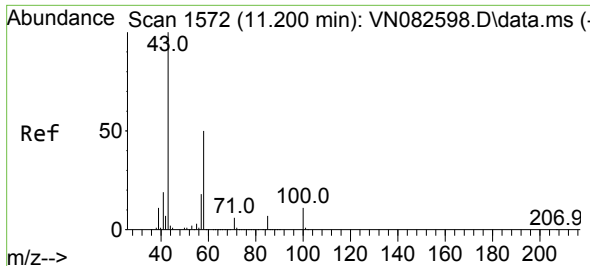
Tgt Ion: 98 Resp: 265615
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.564 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN082870.D
Acq: 11 Jul 2024 12:42

Tgt Ion: 43 Resp: 1180
Ion Ratio Lower Upper
43 100
58 175.8 28.2 42.4#

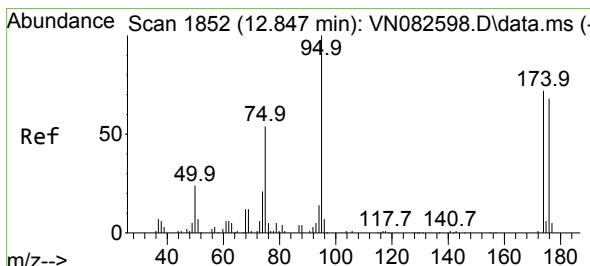
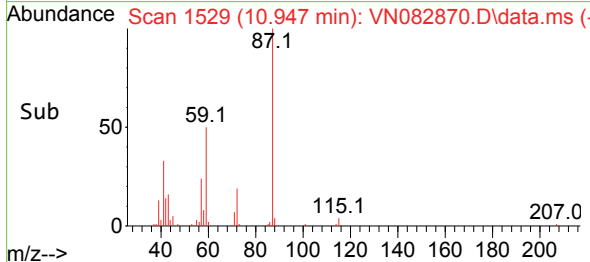
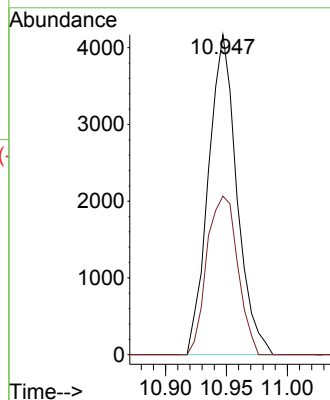
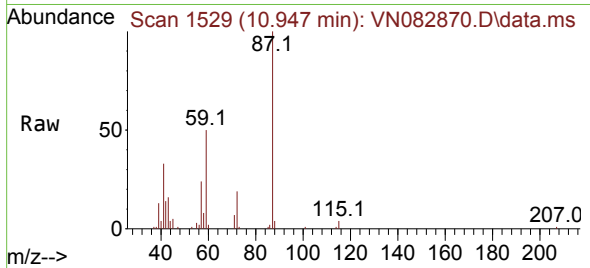




#59
2-Hexanone
Concen: 4.361 ug/l
RT: 10.947 min Scan# 1529
Delta R.T. -0.253 min
Lab File: VN082870.D
Acq: 11 Jul 2024 12:42

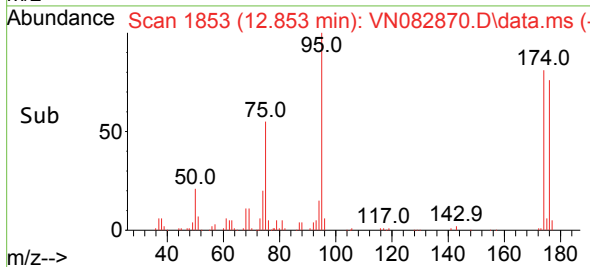
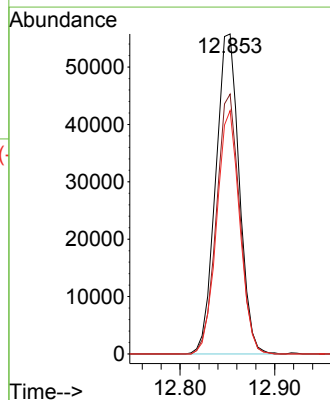
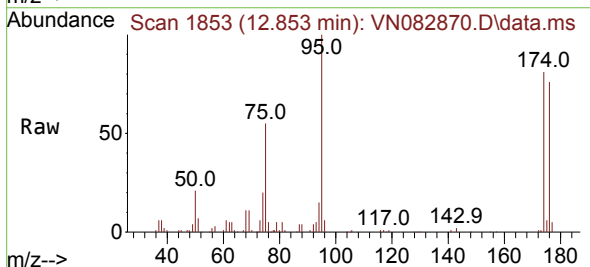
Instrument :
MSVOA_N
ClientSampleId :
626-A

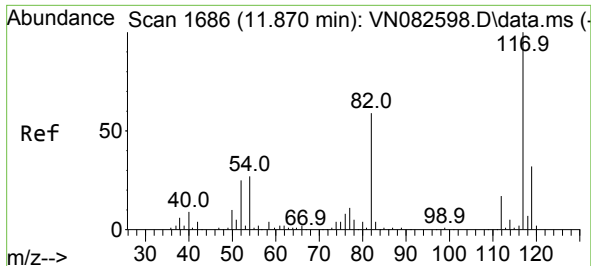
Tgt Ion: 43 Resp: 6786
Ion Ratio Lower Upper
43 100
58 53.6 24.6 73.8



#62
4-Bromofluorobenzene
Concen: 48.321 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082870.D
Acq: 11 Jul 2024 12:42

Tgt Ion: 95 Resp: 96421
Ion Ratio Lower Upper
95 100
174 79.9 0.0 159.2
176 74.3 0.0 147.6

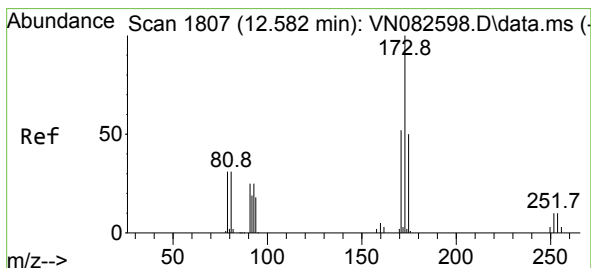
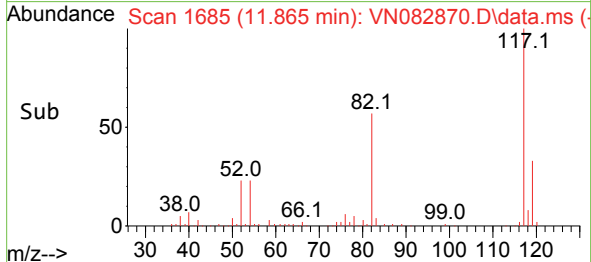
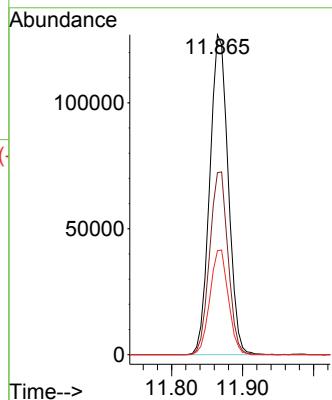
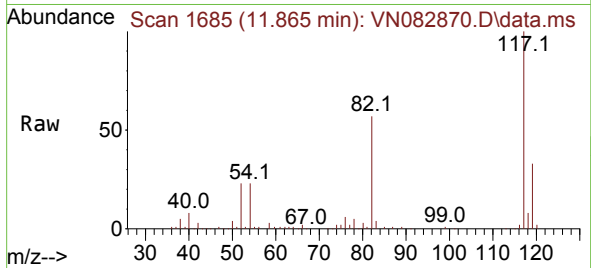




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN082870.D
Acq: 11 Jul 2024 12:42

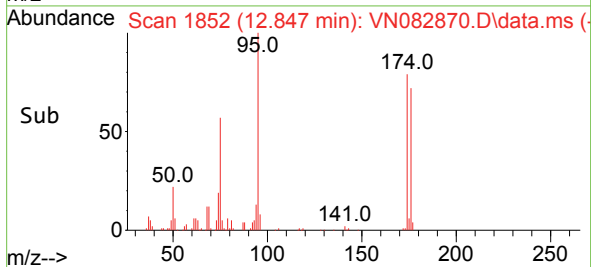
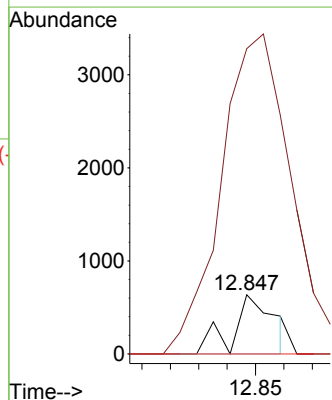
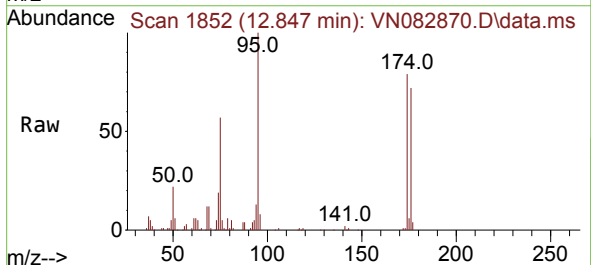
Instrument :
MSVOA_N
ClientSampleId :
626-A

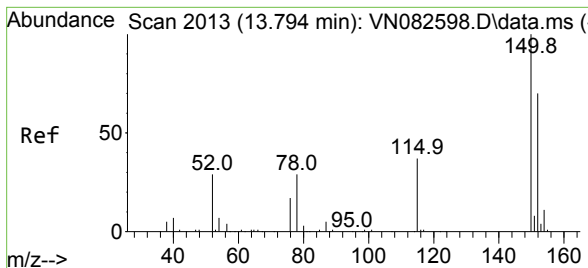
Tgt Ion:117 Resp: 228600
Ion Ratio Lower Upper
117 100
82 56.9 47.5 71.3
119 32.5 25.6 38.4



#71
Bromoform
Concen: 0.472 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN082870.D
Acq: 11 Jul 2024 12:42

Tgt Ion:173 Resp: 647
Ion Ratio Lower Upper
173 100
175 763.5 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: VN082870.D

Acq: 11 Jul 2024 12:42

Instrument :

MSVOA_N

ClientSampleId :

626-A

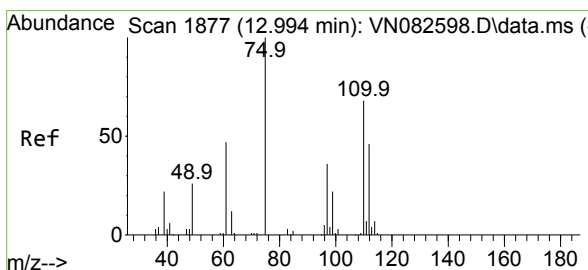
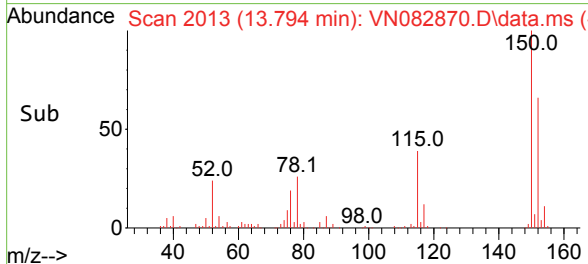
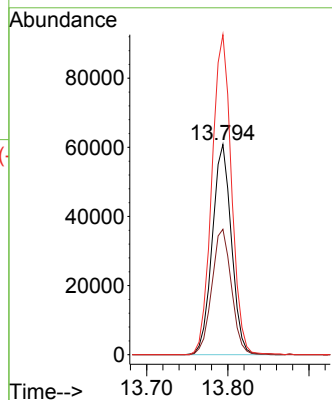
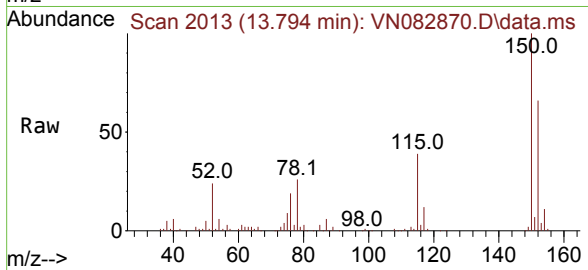
Tgt Ion:152 Resp: 99753

Ion Ratio Lower Upper

152 100

115 60.9 30.6 91.6

150 155.4 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 31.504 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN082870.D

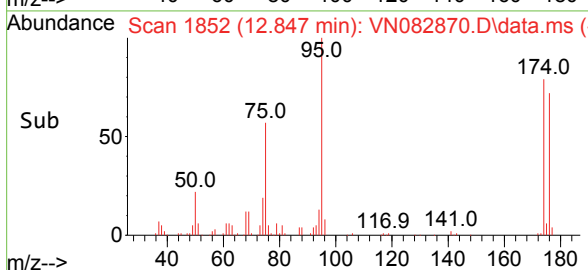
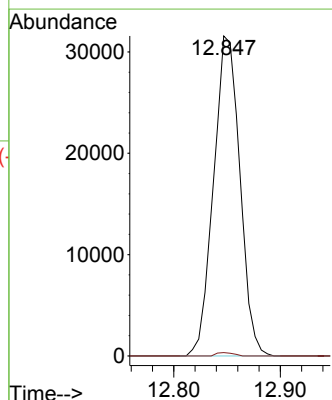
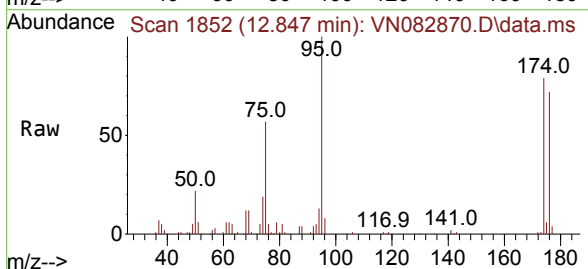
Acq: 11 Jul 2024 12:42

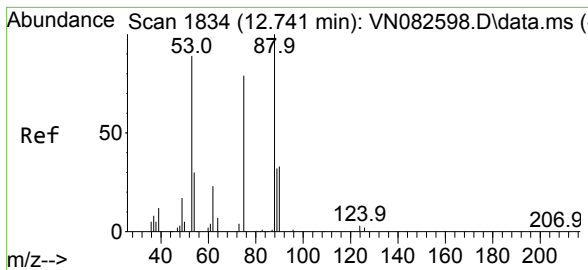
Tgt Ion: 75 Resp: 54180

Ion Ratio Lower Upper

75 100

77 0.7 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.959 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN082870.D
 Acq: 11 Jul 2024 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 626-A

Tgt Ion: 75 Resp: 54180
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.4 132.6#
 89 0.0 36.3 54.5#

