

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071124\
 Data File : VN082869.D
 Acq On : 11 Jul 2024 12:18
 Operator : JC\MD
 Sample : P3206-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 626-B

Quant Time: Jul 12 01:04:53 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)

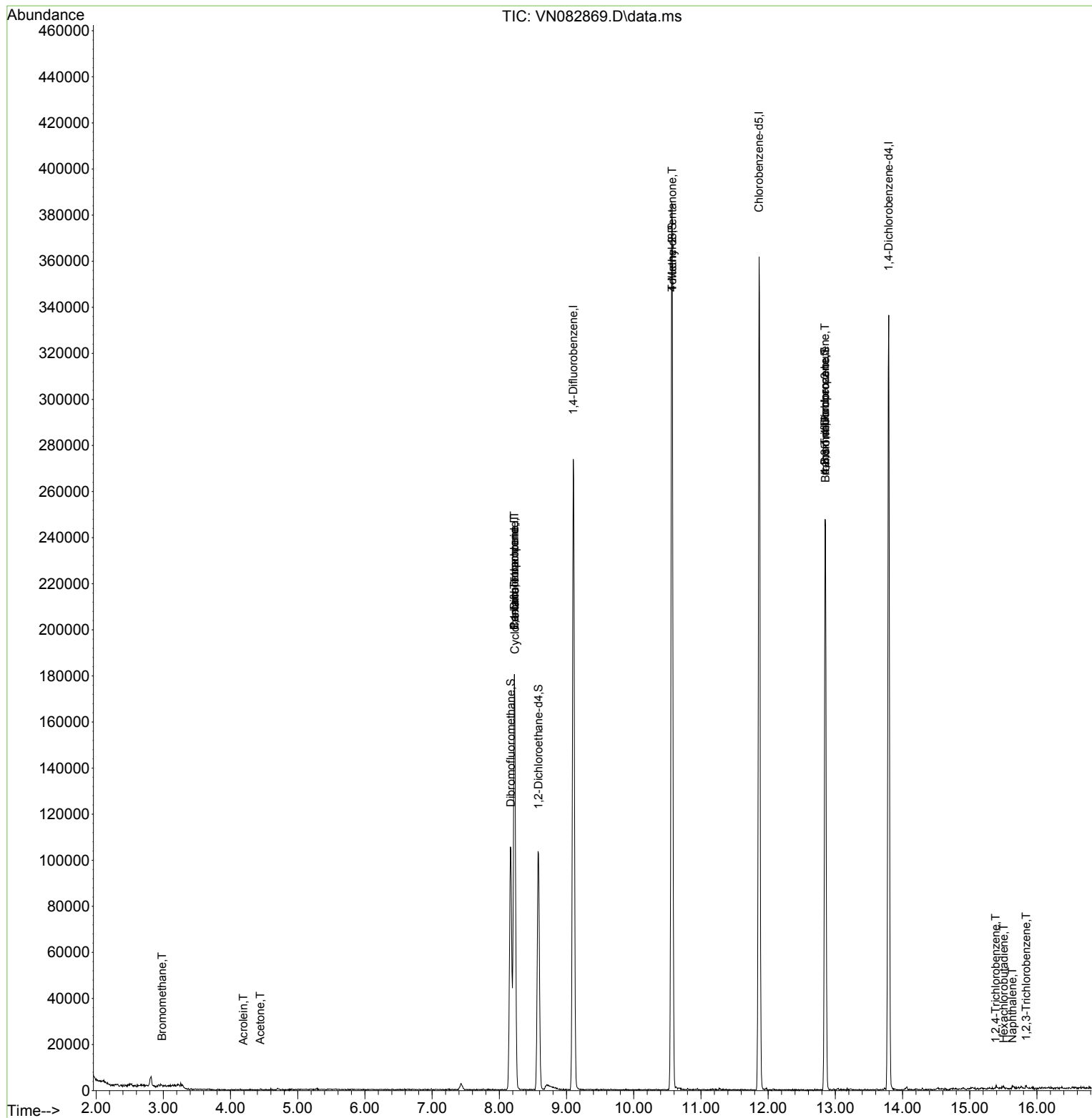
Internal Standards						
1) Pentafluorobenzene	8.224	168	127144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	231654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	200182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	86638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	89070	49.975	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.940%		
35) Dibromofluoromethane	8.171	113	74232	49.939	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.880%		
50) Toluene-d8	10.571	98	268046	48.822	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.640%		
62) 4-Bromofluorobenzene	12.847	95	83568	42.374	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	84.740%		
Target Compounds						Qvalue
5) Bromomethane	2.983	94	400	0.338	ug/l #	61
13) Acrolein	4.189	56	56	0.259	ug/l #	14
16) Acetone	4.442	43	389	0.620	ug/l #	48
31) Cyclohexane	8.230	56	3391	1.455	ug/l #	38
36) 1,1-Dichloropropene	8.224	75	11100	5.416	ug/l #	50
38) Carbon Tetrachloride	8.224	117	14281	5.787	ug/l #	17
43) Isopropyl Acetate	8.700	43	1903	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.571	43	1344	0.650	ug/l #	1
71) Bromoform	12.853	173	766	0.638	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	46839	31.358	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	46839	61.672	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.388	180	358	0.233	ug/l #	63
94) Hexachlorobutadiene	15.506	225	285	0.419	ug/l #	43
95) Naphthalene	15.635	128	1648	0.314	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.841	180	385	0.244	ug/l #	58

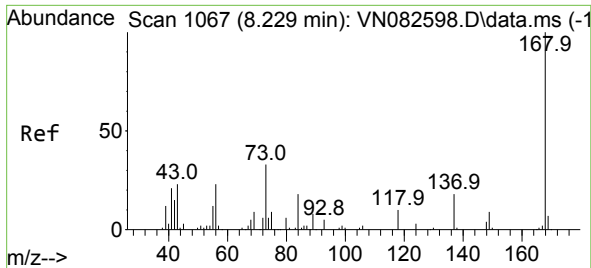
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071124\
Data File : VN082869.D
Acq On : 11 Jul 2024 12:18
Operator : JC\MD
Sample : P3206-01 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
626-B

Quant Time: Jul 12 01:04:53 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

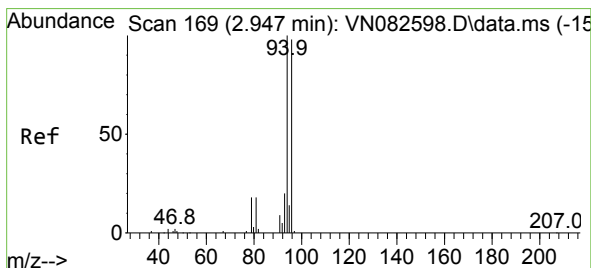
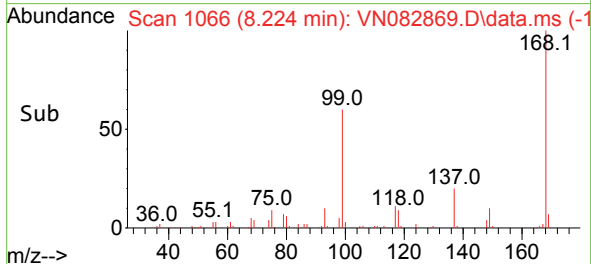
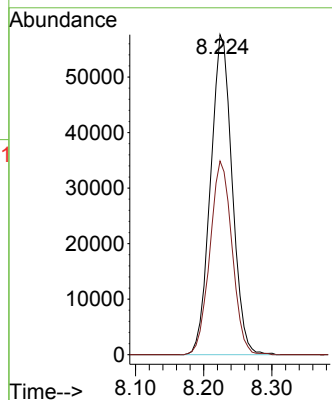
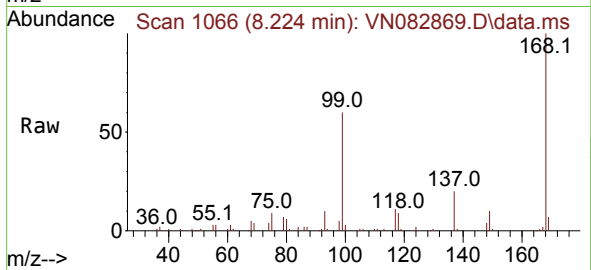




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN082869.D
Acq: 11 Jul 2024 12:18

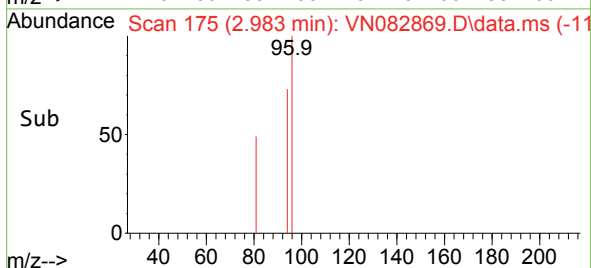
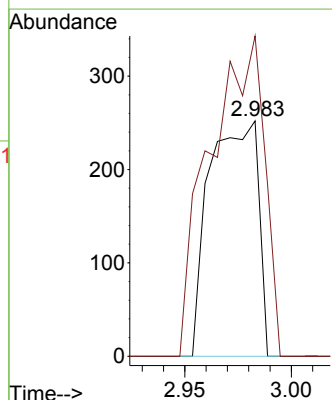
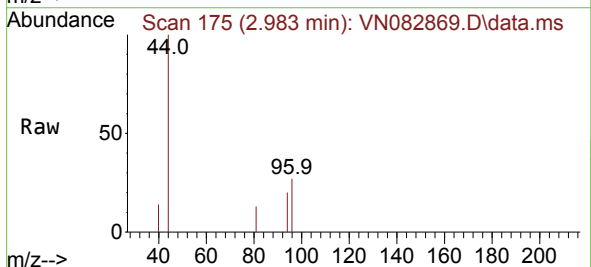
Instrument :
MSVOA_N
ClientSampleId :
626-B

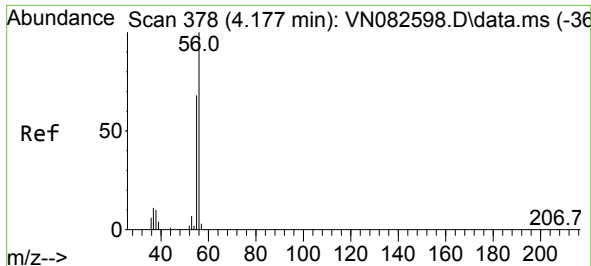
Tgt Ion:168 Resp: 127144
Ion Ratio Lower Upper
168 100
99 60.5 48.2 72.4



#5
Bromomethane
Concen: 0.338 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.036 min
Lab File: VN082869.D
Acq: 11 Jul 2024 12:18

Tgt Ion: 94 Resp: 400
Ion Ratio Lower Upper
94 100
96 136.1 78.0 117.0#





#13

Acrolein

Concen: 0.259 ug/l

RT: 4.189 min Scan# 31

Delta R.T. 0.012 min

Lab File: VN082869.D

Acq: 11 Jul 2024 12:18

Instrument :

MSVOA_N

ClientSampleId :

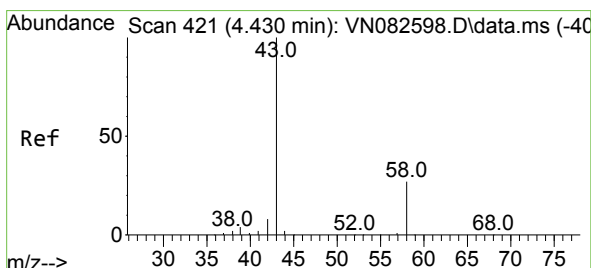
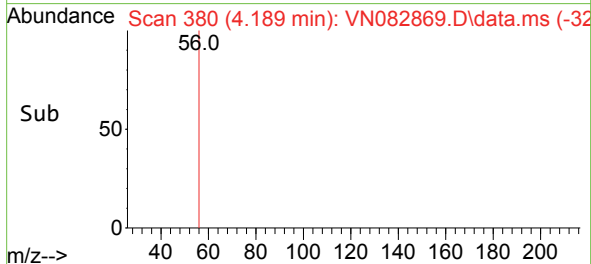
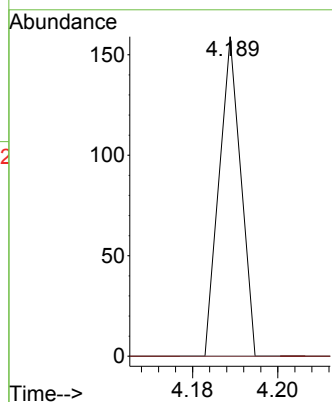
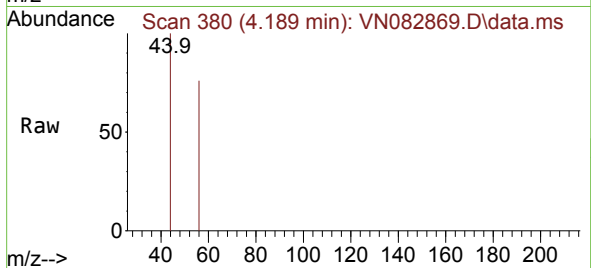
626-B

Tgt Ion: 56 Resp: 56

Ion Ratio Lower Upper

56 100

55 0.0 56.4 84.6#



#16

Acetone

Concen: 0.620 ug/l

RT: 4.442 min Scan# 423

Delta R.T. 0.012 min

Lab File: VN082869.D

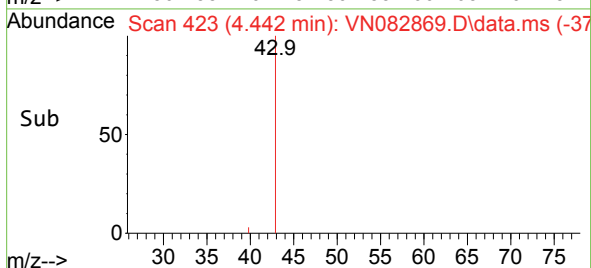
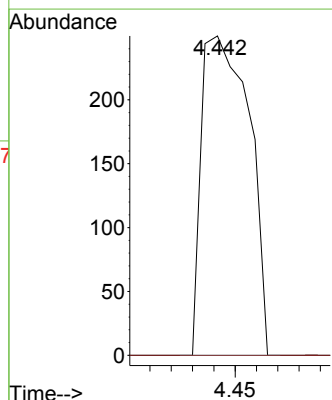
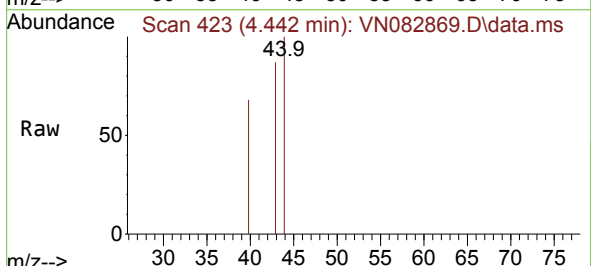
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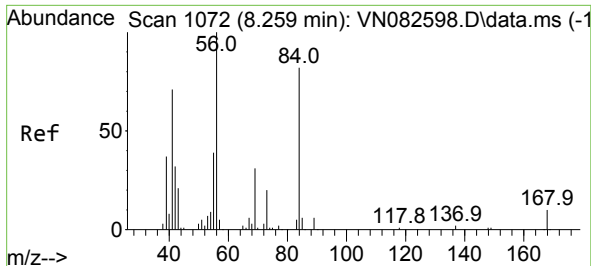
Tgt Ion: 43 Resp: 389

Ion Ratio Lower Upper

43 100

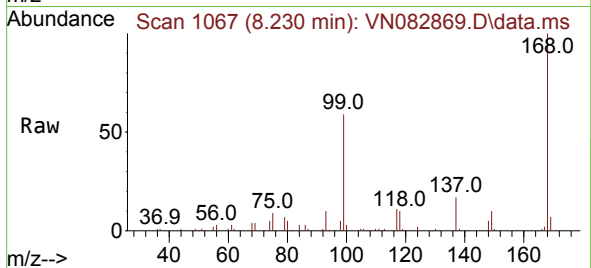
58 0.0 21.8 32.6#



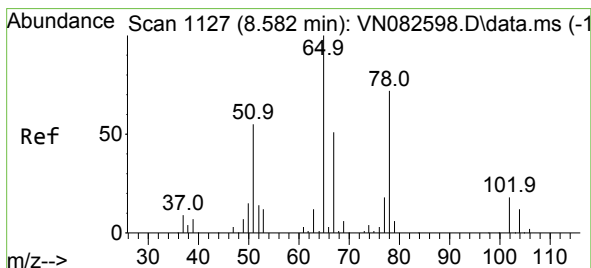
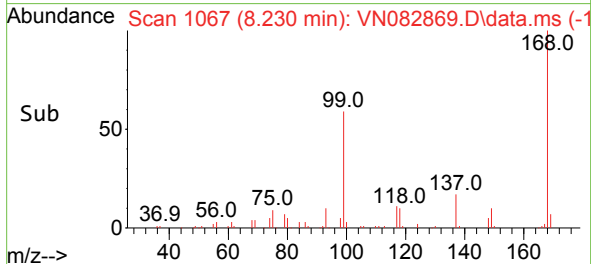
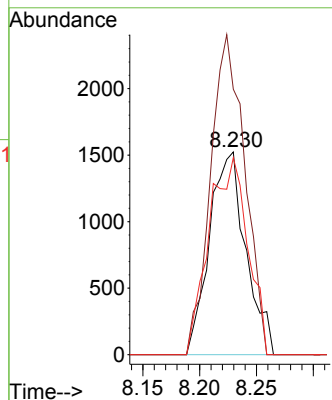


#31
Cyclohexane
Concen: 1.455 ug/l
RT: 8.230 min Scan# 1072
Delta R.T. -0.029 min
Lab File: VN082869.D
Acq: 11 Jul 2024 12:18

Instrument :
MSVOA_N
ClientSampleId :
626-B

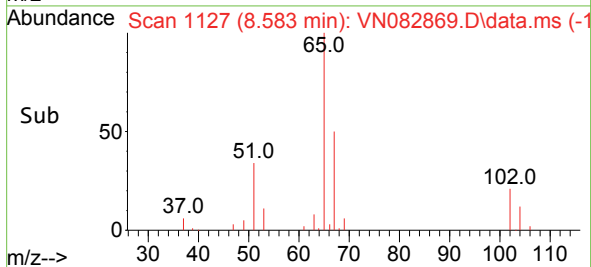
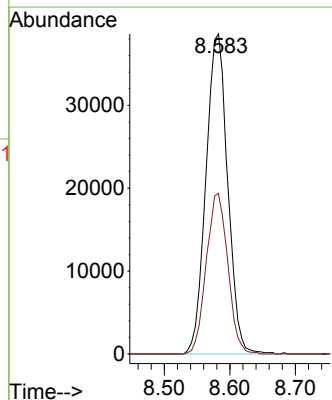
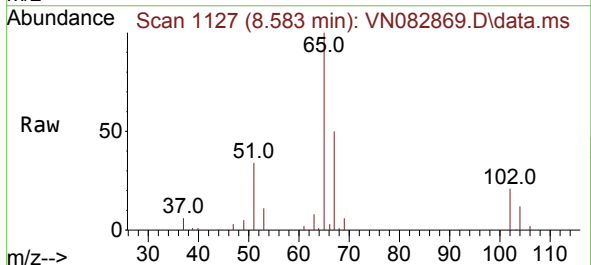


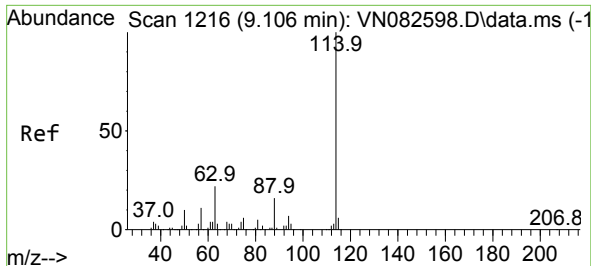
Tgt Ion: 56 Resp: 3391
Ion Ratio Lower Upper
56 100
69 130.9 24.5 36.7#
84 97.1 66.0 99.0



#33
1,2-Dichloroethane-d4
Concen: 49.975 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082869.D
Acq: 11 Jul 2024 12:18

Tgt Ion: 65 Resp: 89070
Ion Ratio Lower Upper
65 100
67 49.7 0.0 104.4

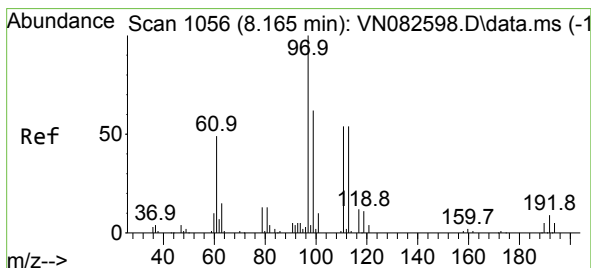
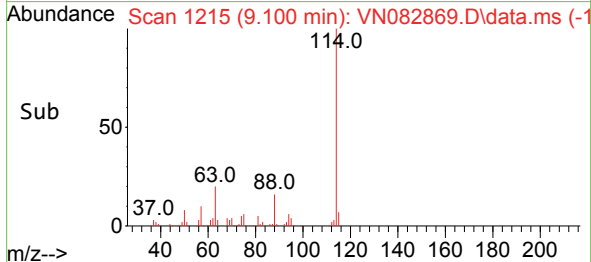
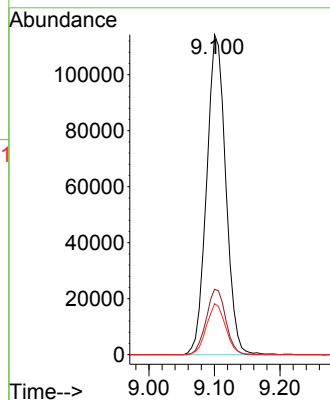
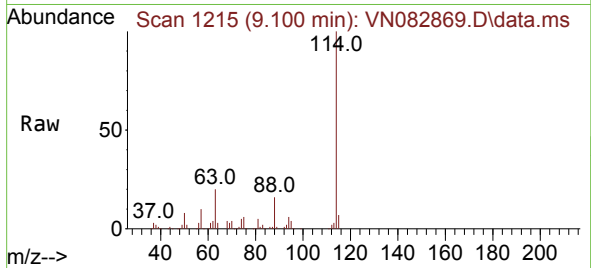




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN082869.D
Acq: 11 Jul 2024 12:18

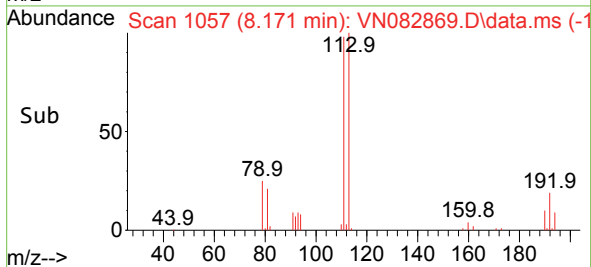
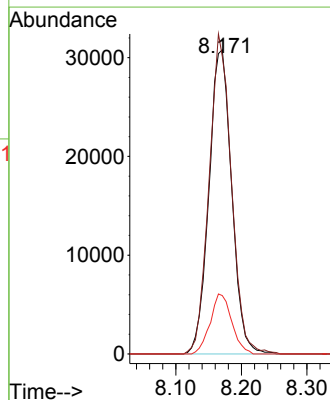
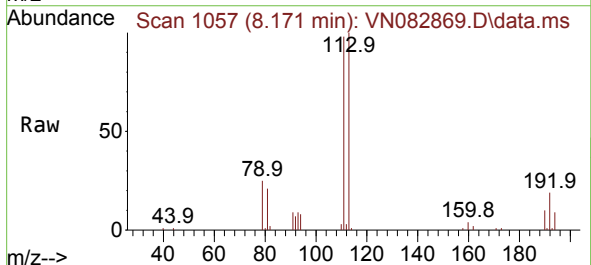
Instrument :
MSVOA_N
ClientSampleId :
626-B

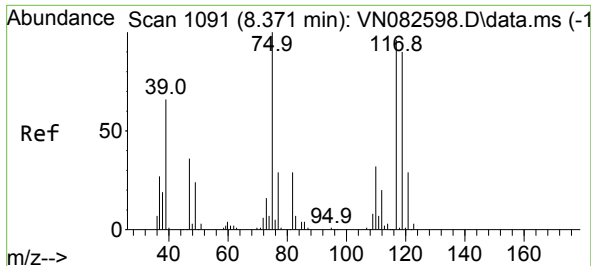
Tgt Ion:114 Resp: 231654
Ion Ratio Lower Upper
114 100
63 20.4 0.0 44.6
88 16.0 0.0 31.4



#35
Dibromofluoromethane
Concen: 49.939 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082869.D
Acq: 11 Jul 2024 12:18

Tgt Ion:113 Resp: 74232
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 18.7 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.416 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082869.D

Acq: 11 Jul 2024 12:18

Instrument :

MSVOA_N

ClientSampleId :

626-B

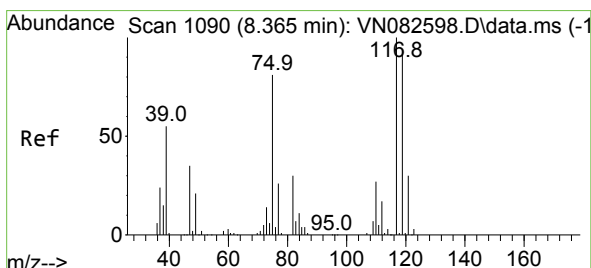
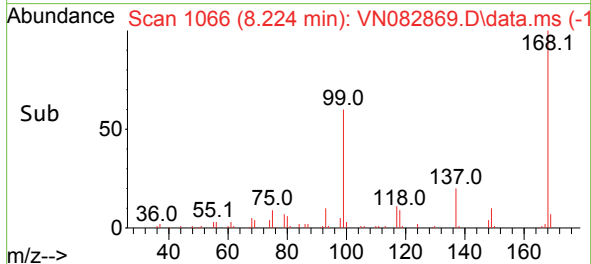
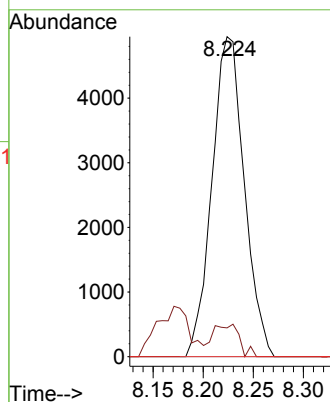
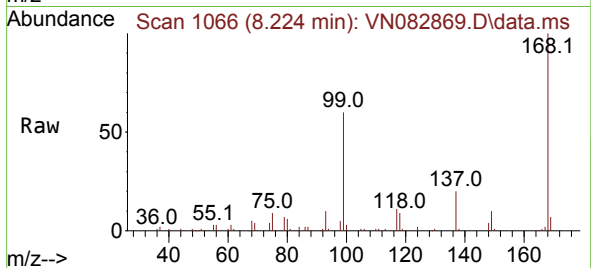
Tgt Ion: 75 Resp: 11100

Ion Ratio Lower Upper

75 100

110 8.3 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.787 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN082869.D

Acq: 11 Jul 2024 12:18

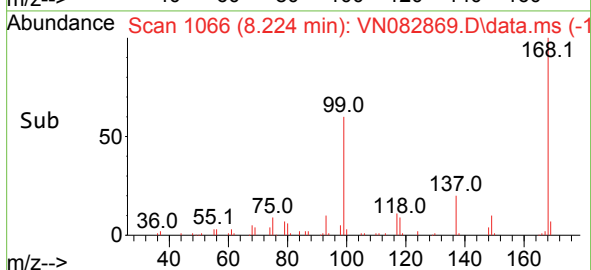
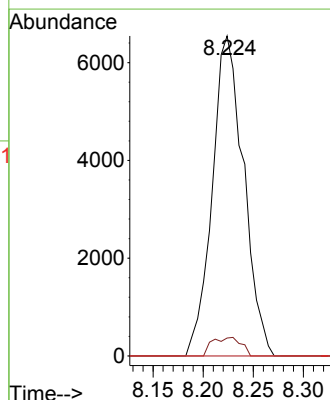
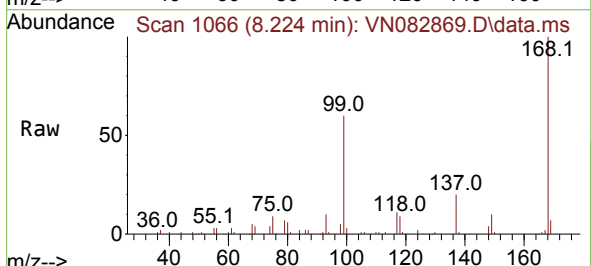
Tgt Ion: 117 Resp: 14281

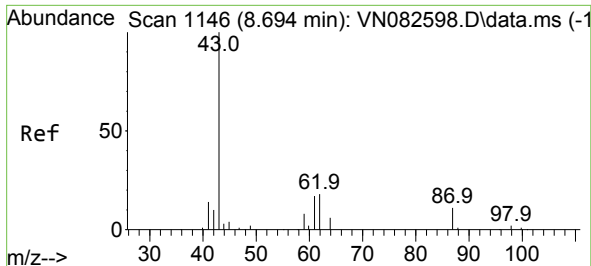
Ion Ratio Lower Upper

117 100

119 5.6 74.9 112.3#

121 0.0 24.3 36.5#

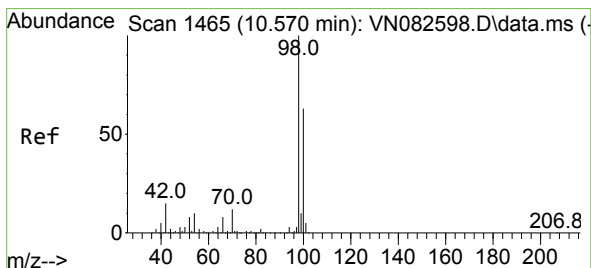
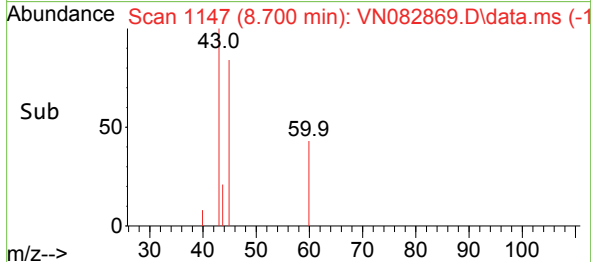
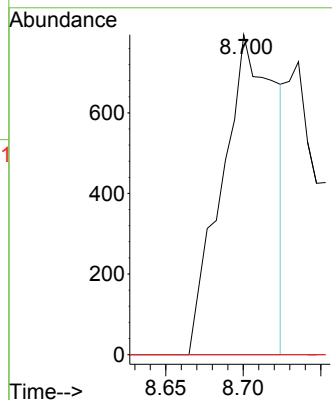
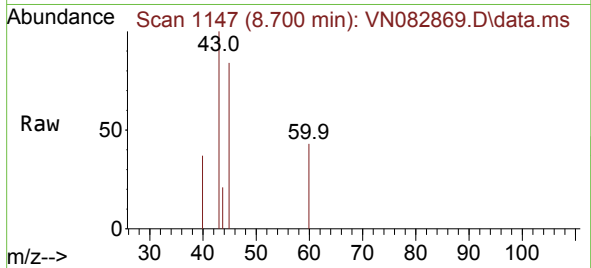




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082869.D
Acq: 11 Jul 2024 12:18

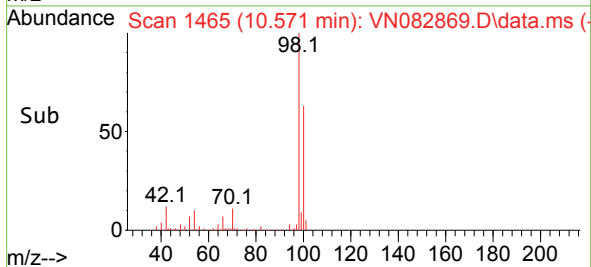
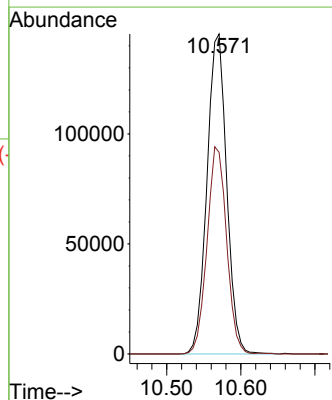
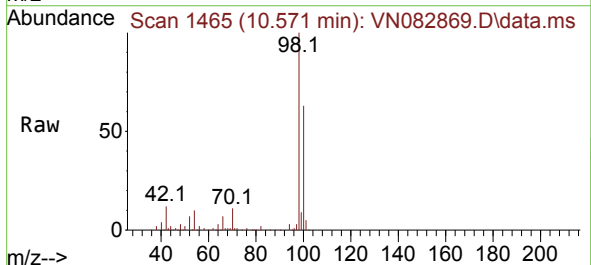
Instrument :
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626-B

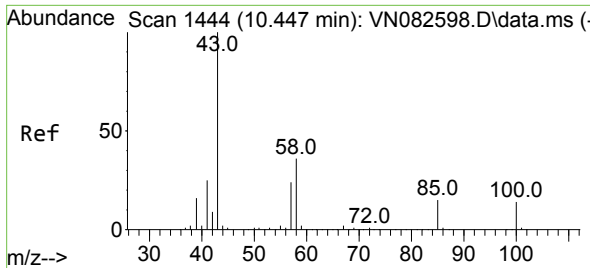
Tgt Ion: 43 Resp: 1903
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 48.822 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082869.D
Acq: 11 Jul 2024 12:18

Tgt Ion: 98 Resp: 268046
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3

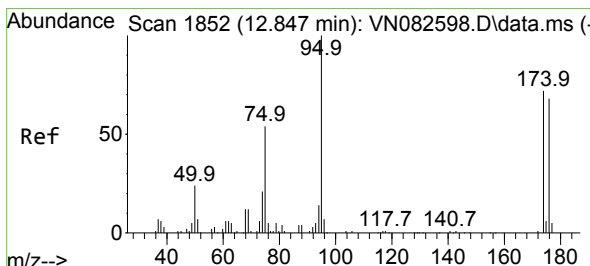
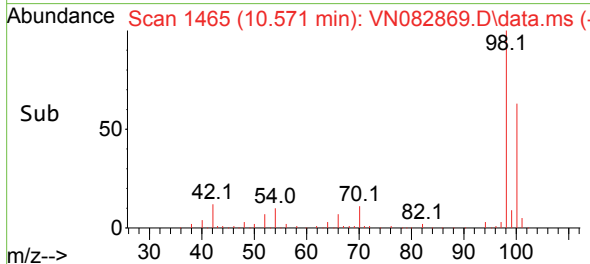
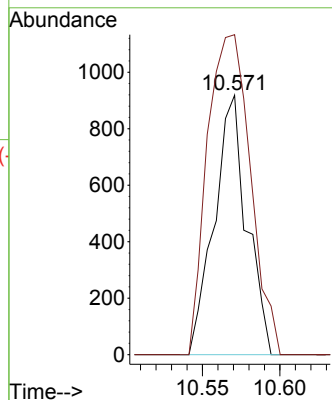
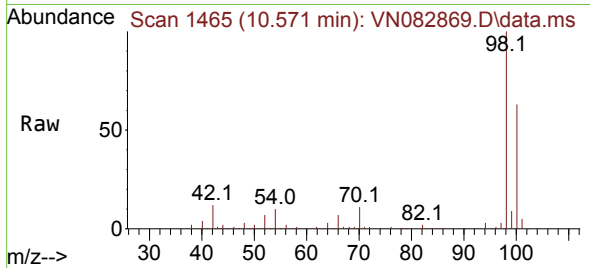




#51
4-Methyl-2-Pentanone
Concen: 0.650 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.124 min
Lab File: VN082869.D
Acq: 11 Jul 2024 12:18

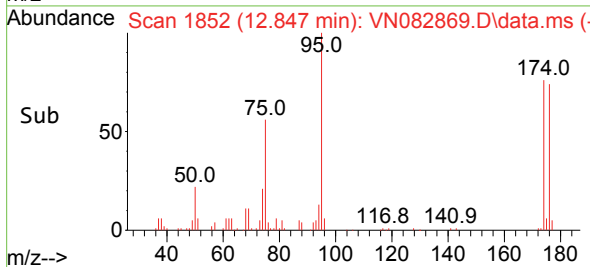
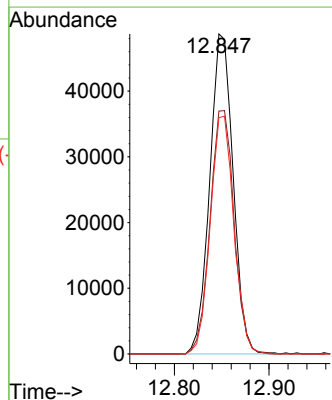
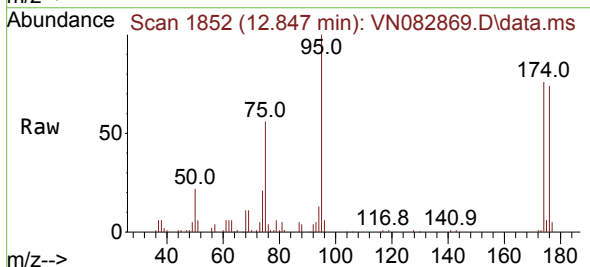
Instrument :
MSVOA_N
ClientSampleId :
626-B

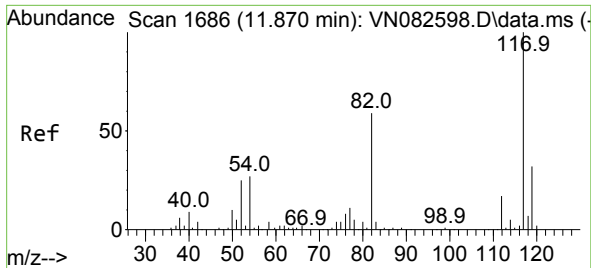
Tgt Ion: 43 Resp: 1344
Ion Ratio Lower Upper
43 100
58 163.2 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 42.374 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082869.D
Acq: 11 Jul 2024 12:18

Tgt Ion: 95 Resp: 83568
Ion Ratio Lower Upper
95 100
174 78.2 0.0 159.2
176 74.9 0.0 147.6

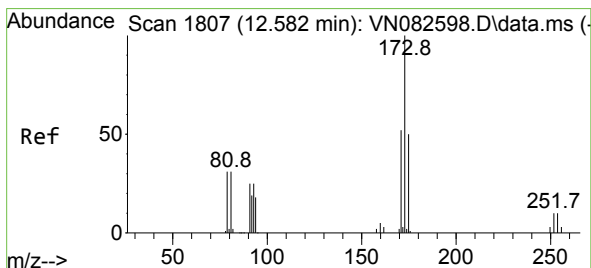
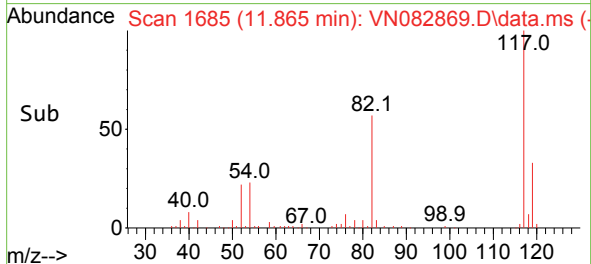
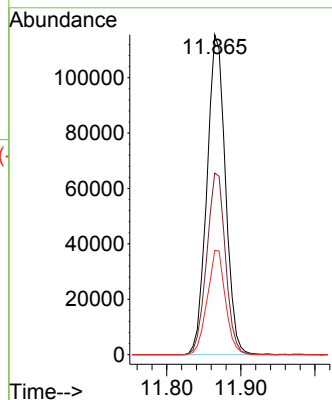
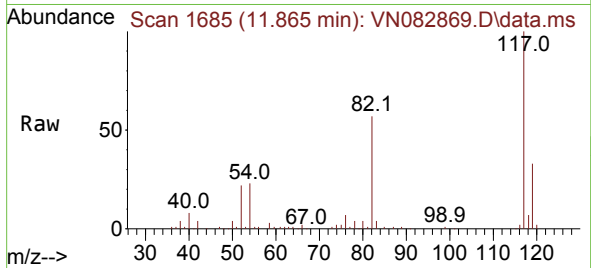




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN082869.D
Acq: 11 Jul 2024 12:18

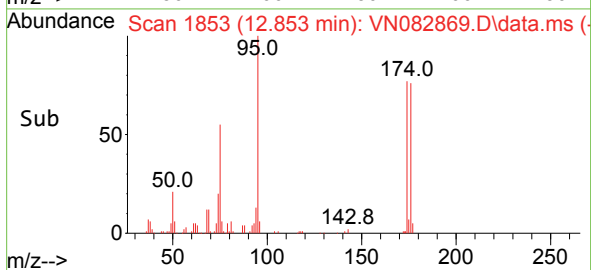
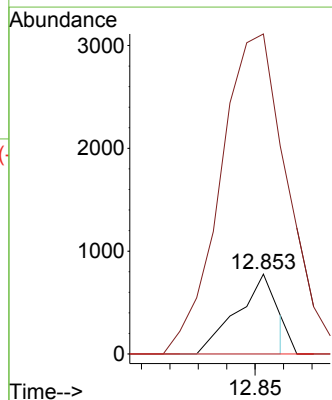
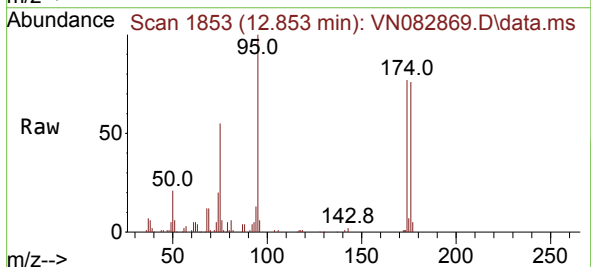
Instrument :
MSVOA_N
ClientSampleId :
626-B

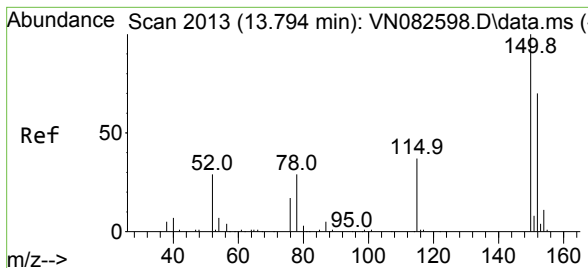
Tgt Ion:117 Resp: 200182
Ion Ratio Lower Upper
117 100
82 56.7 47.5 71.3
119 32.6 25.6 38.4



#71
Bromoform
Concen: 0.638 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN082869.D
Acq: 11 Jul 2024 12:18

Tgt Ion:173 Resp: 766
Ion Ratio Lower Upper
173 100
175 578.7 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: VN082869.D

Acq: 11 Jul 2024 12:18

Instrument :

MSVOA_N

ClientSampleId :

626-B

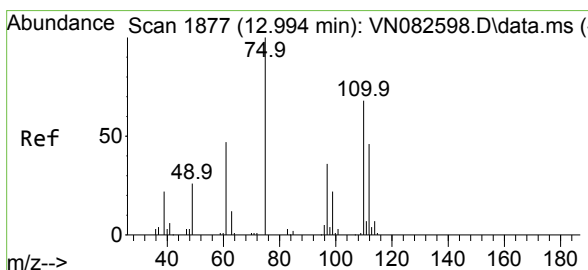
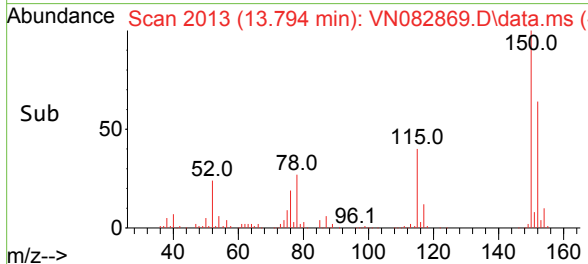
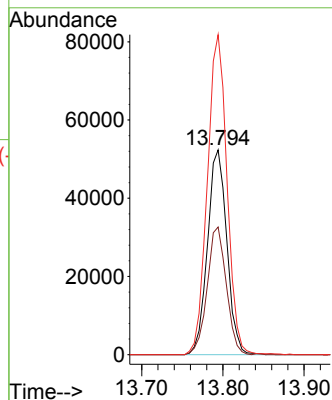
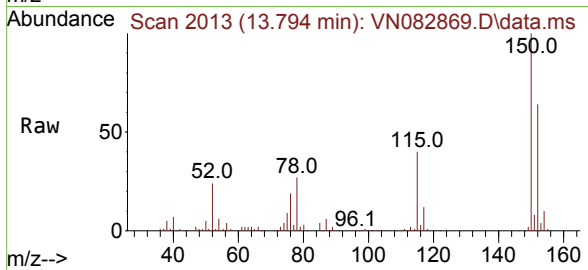
Tgt Ion:152 Resp: 86638

Ion Ratio Lower Upper

152 100

115 61.5 30.6 91.6

150 158.8 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 31.358 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN082869.D

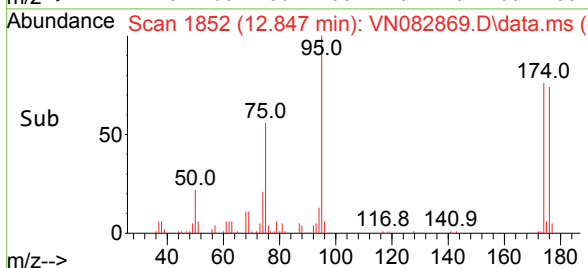
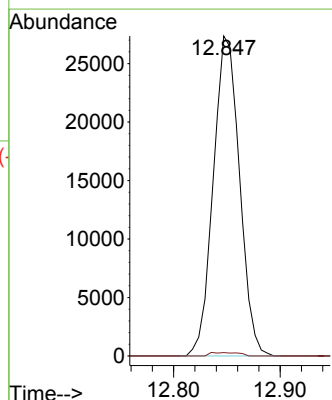
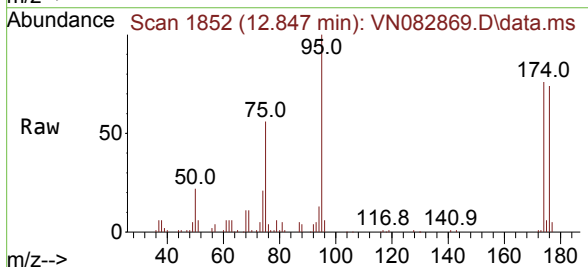
Acq: 11 Jul 2024 12:18

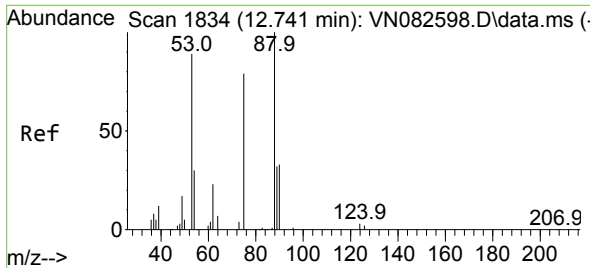
Tgt Ion: 75 Resp: 46839

Ion Ratio Lower Upper

75 100

77 1.2 110.9 332.6#

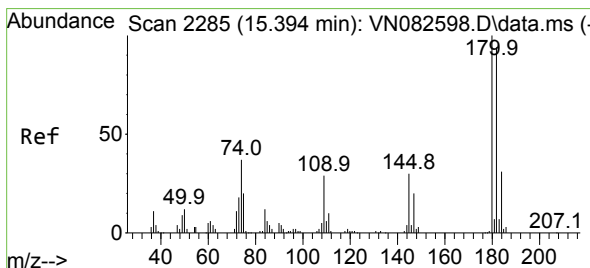
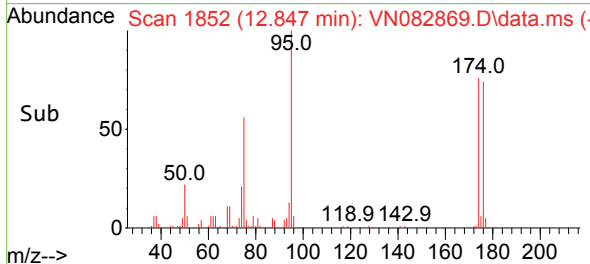
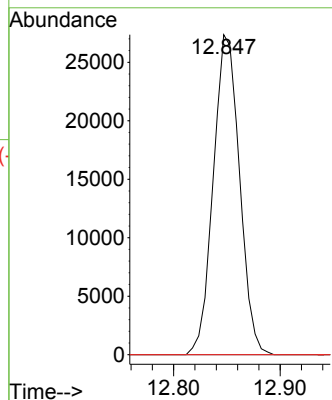
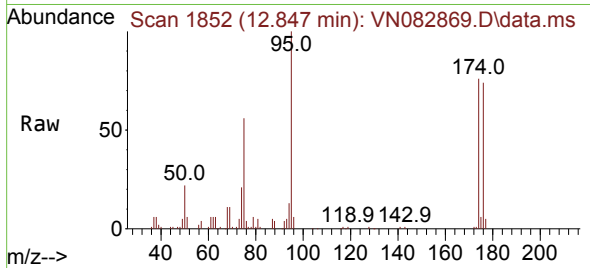




#81
trans-1,4-Dichloro-2-butene
Concen: 61.672 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN082869.D
Acq: 11 Jul 2024 12:18

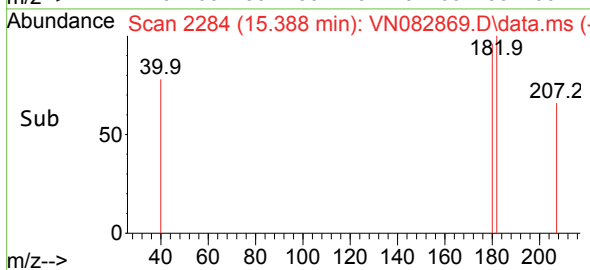
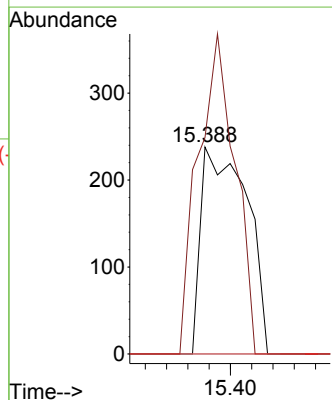
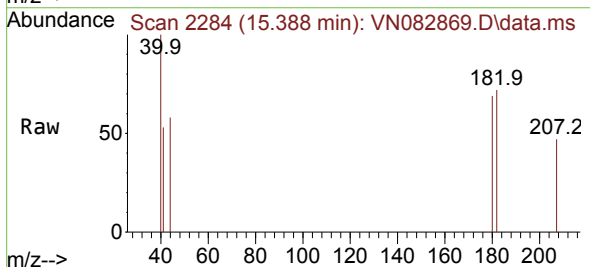
Instrument :
MSVOA_N
ClientSampleId :
626-B

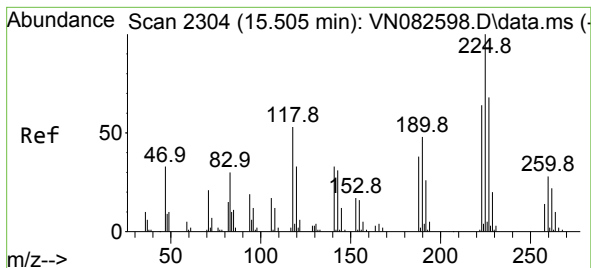
Tgt Ion: 75 Resp: 46839
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.233 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.006 min
Lab File: VN082869.D
Acq: 11 Jul 2024 12:18

Tgt Ion:180 Resp: 358
Ion Ratio Lower Upper
180 100
182 123.7 47.3 141.8
145 0.0 15.7 47.1#





#94

Hexachlorobutadiene

Concen: 0.419 ug/l

RT: 15.506 min Scan# 21

Delta R.T. 0.001 min

Lab File: VN082869.D

Acq: 11 Jul 2024 12:18

Instrument :

MSVOA_N

ClientSampleId :

626-B

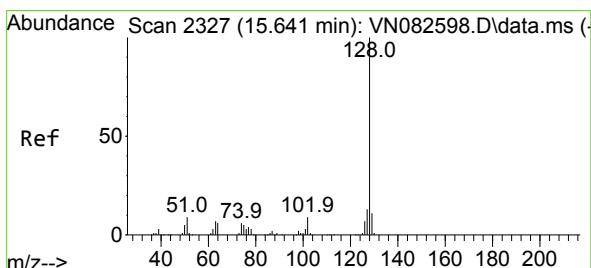
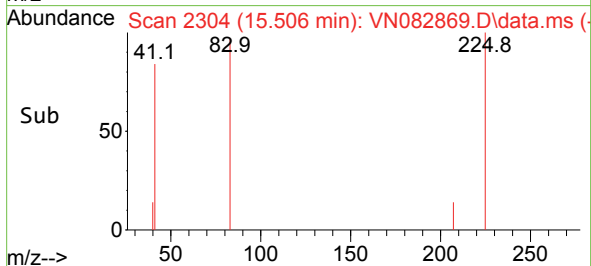
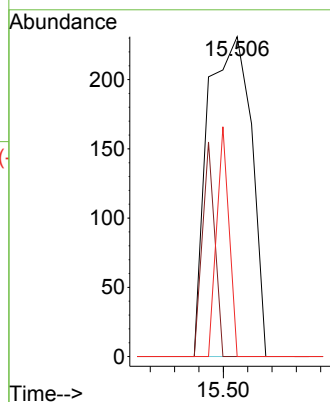
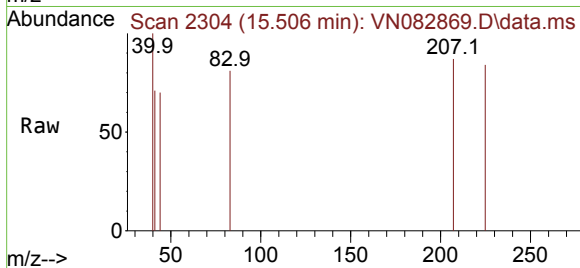
Tgt Ion:225 Resp: 285

Ion Ratio Lower Upper

225 100

223 19.3 31.9 95.7#

227 20.7 32.5 97.5#



#95

Naphthalene

Concen: 0.314 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.006 min

Lab File: VN082869.D

Acq: 11 Jul 2024 12:18

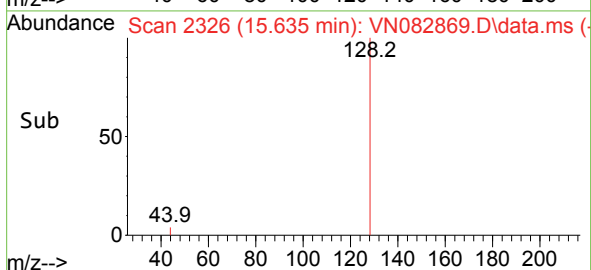
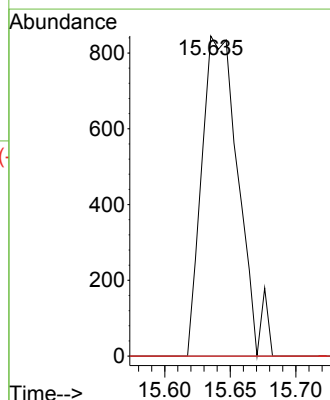
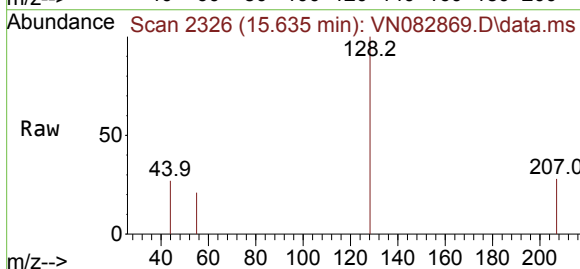
Tgt Ion:128 Resp: 1648

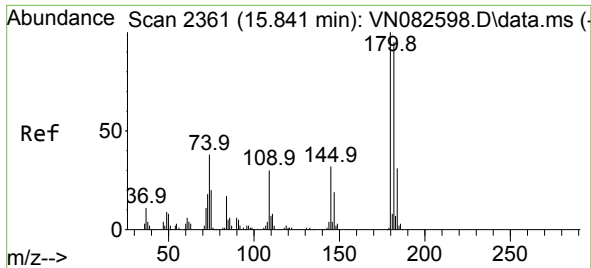
Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 0.0 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.244 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN082869.D
 Acq: 11 Jul 2024 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 626-B

Tgt Ion:180 Resp: 385
 Ion Ratio Lower Upper
 180 100
 182 133.2 48.9 146.8
 145 0.0 16.8 50.4#

