

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071624\
 Data File : VN082935.D
 Acq On : 16 Jul 2024 14:51
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 17 00:55:59 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)

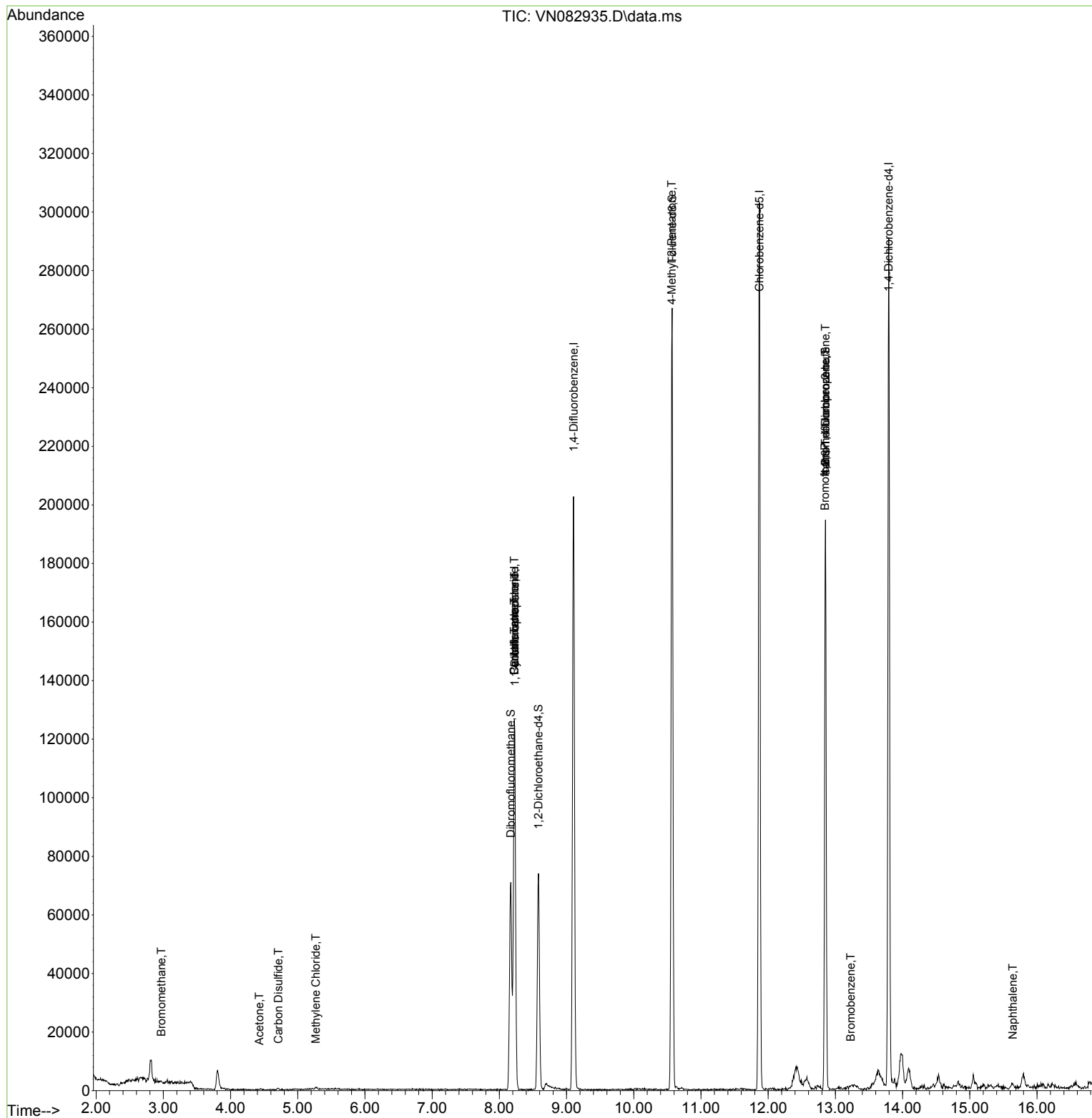
Internal Standards						
1) Pentafluorobenzene	8.224	168	89051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	171051	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	169197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	72837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	60003	48.067	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.140%
35) Dibromofluoromethane	8.171	113	49447	45.050	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.100%
50) Toluene-d8	10.571	98	181406	44.748	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.500%
62) 4-Bromofluorobenzene	12.853	95	62284	42.771	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	85.540%
Target Compounds						
					Qvalue	
5) Bromomethane	2.971	94	428	0.517	ug/l	82
16) Acetone	4.430	43	206	0.469	ug/l #	48
17) Carbon Disulfide	4.712	76	655	0.241	ug/l #	75
20) Methylene Chloride	5.271	84	537	0.506	ug/l #	43
31) Cyclohexane	8.224	56	2288	1.402	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	7939	5.246	ug/l #	52
38) Carbon Tetrachloride	8.224	117	9550	5.241	ug/l #	19
43) Isopropyl Acetate	8.706	43	1754	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	920	0.602	ug/l #	1
71) Bromoform	12.847	173	439	0.433	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	35218	28.045	ug/l #	1
77) Bromobenzene	13.229	156	328	0.240	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	35218	55.157	ug/l #	6
95) Naphthalene	15.641	128	1418	0.321	ug/l #	77

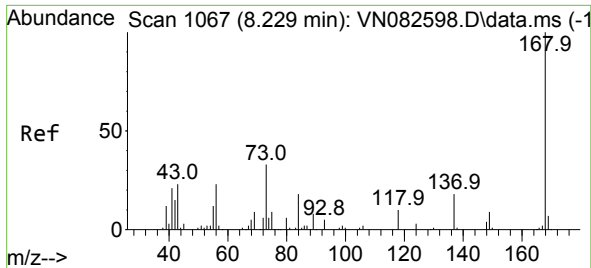
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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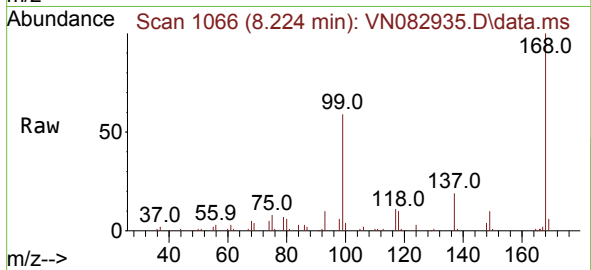
Quant Time: Jul 17 00:55:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
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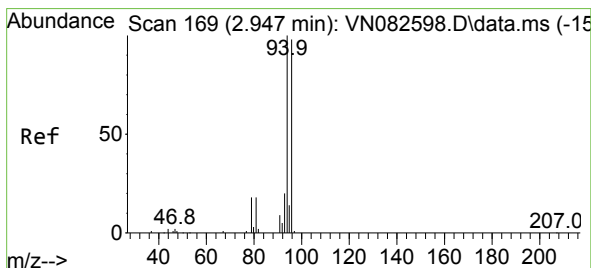
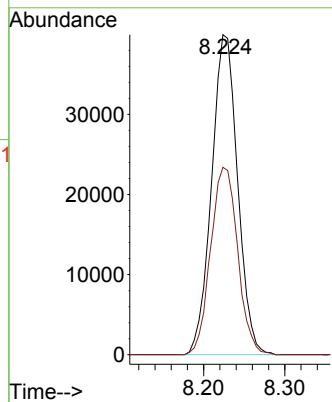
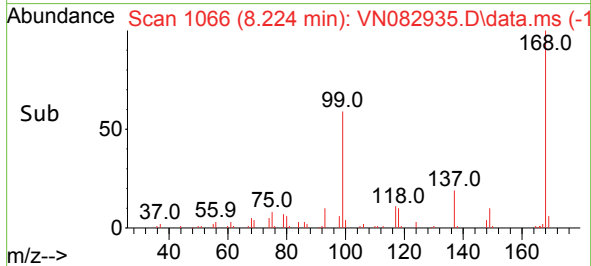


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1067
Delta R.T. -0.005 min
Lab File: VN082935.D
Acq: 16 Jul 2024 14:51

Instrument :
MSVOA_N
ClientSampleId :

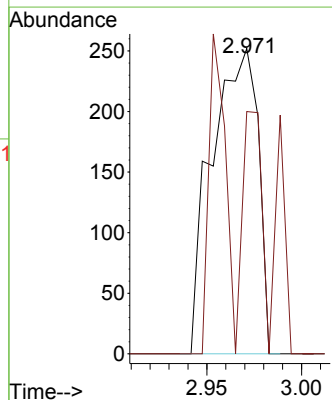
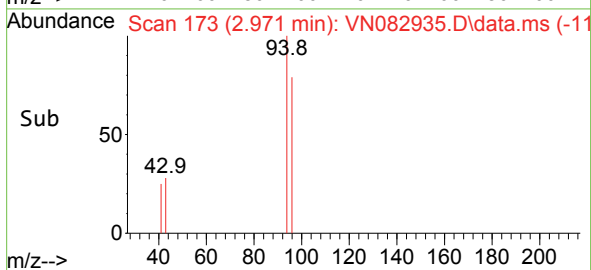
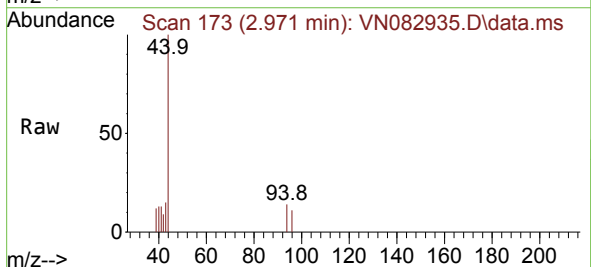


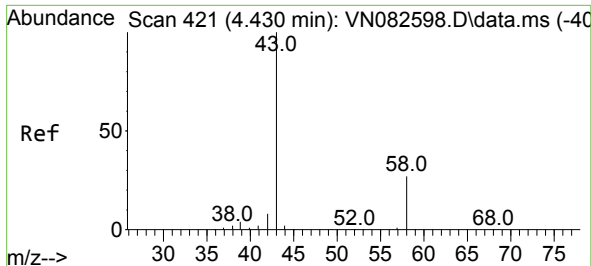
Tgt Ion:168 Resp: 89051
Ion Ratio Lower Upper
168 100
99 58.6 48.2 72.4



#5
Bromomethane
Concen: 0.517 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.024 min
Lab File: VN082935.D
Acq: 16 Jul 2024 14:51

Tgt Ion: 94 Resp: 428
Ion Ratio Lower Upper
94 100
96 79.4 78.0 117.0





#16

Acetone

Concen: 0.469 ug/l

RT: 4.430 min Scan# 421

Delta R.T. -0.000 min

Lab File: VN082935.D

Acq: 16 Jul 2024 14:51

Instrument :

MSVOA_N

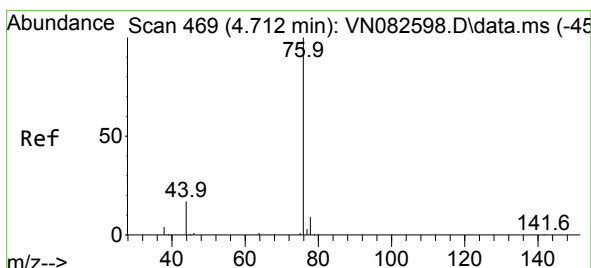
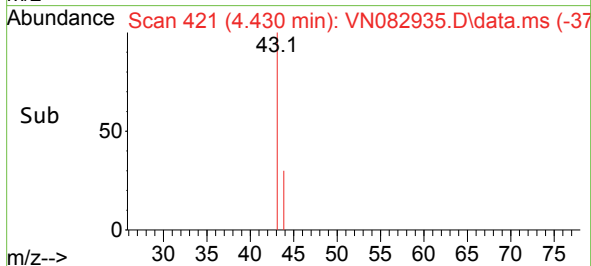
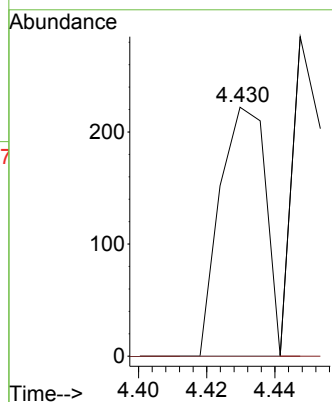
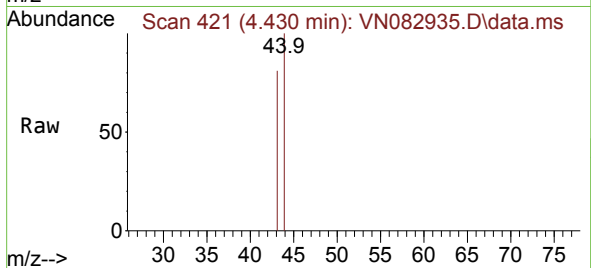
ClientSampleId :

Tgt Ion: 43 Resp: 206

Ion Ratio Lower Upper

43 100

58 0.0 21.8 32.6#



#17

Carbon Disulfide

Concen: 0.241 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN082935.D

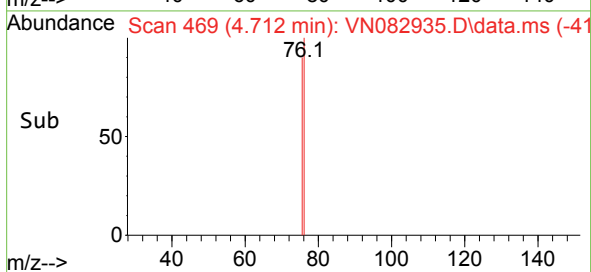
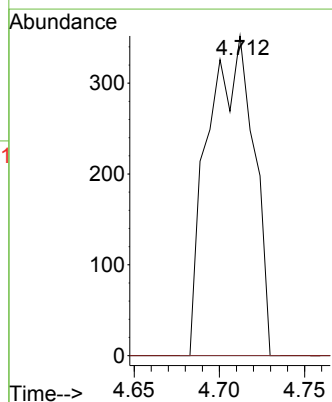
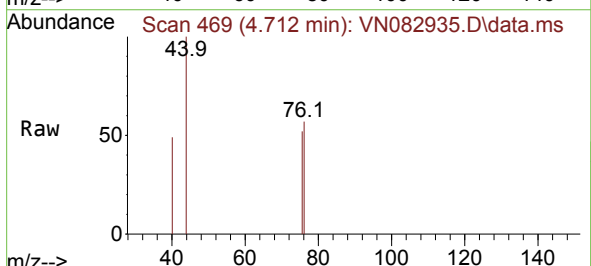
Acq: 16 Jul 2024 14:51

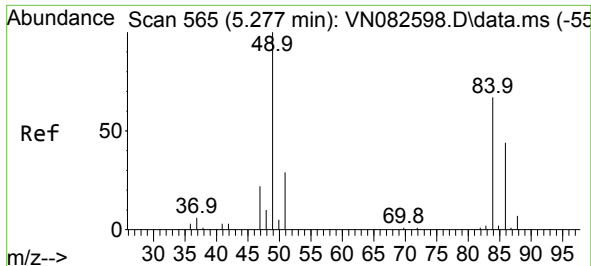
Tgt Ion: 76 Resp: 655

Ion Ratio Lower Upper

76 100

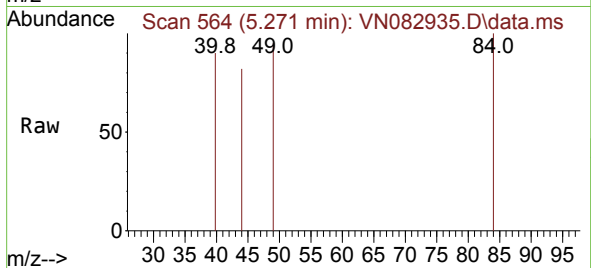
78 0.0 7.2 10.8#





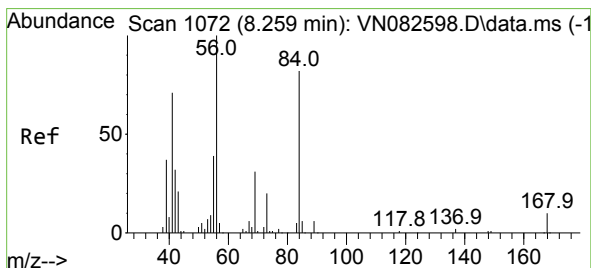
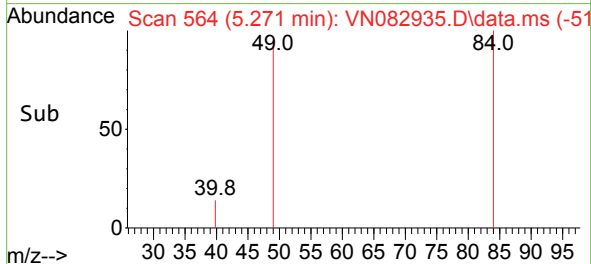
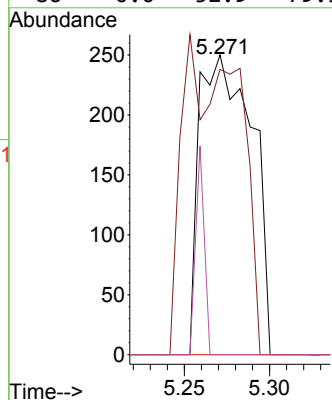
#20
Methylene Chloride
Concen: 0.506 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN082935.D
Acq: 16 Jul 2024 14:51

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 537

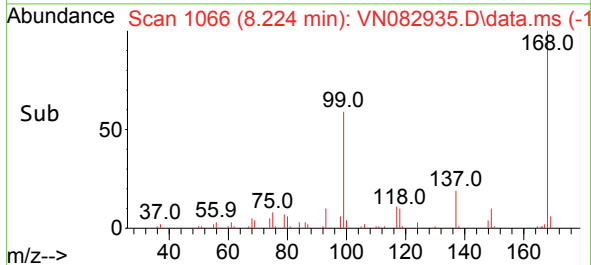
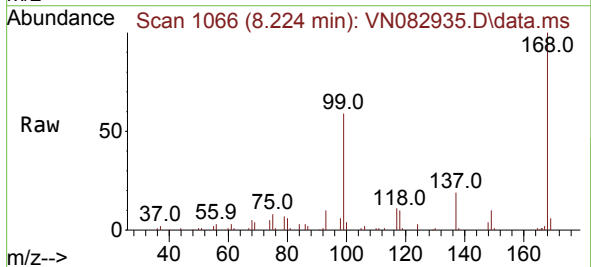
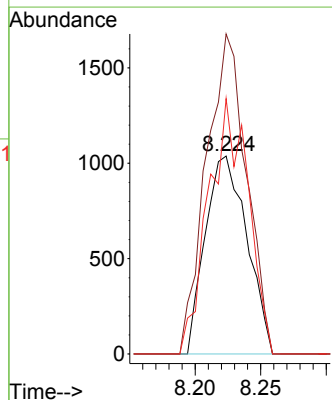
Ion	Ratio	Lower	Upper
84	100		
49	95.2	119.6	179.4#
51	0.0	34.8	52.2#
86	0.0	52.9	79.3#

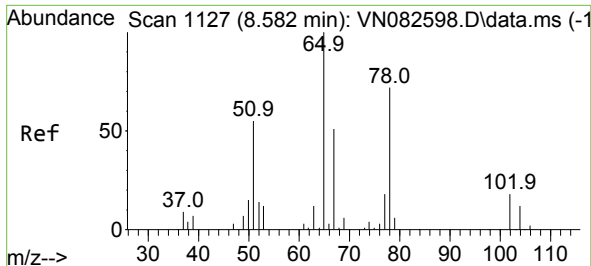


#31
Cyclohexane
Concen: 1.402 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082935.D
Acq: 16 Jul 2024 14:51

Tgt Ion: 56 Resp: 2288

Ion	Ratio	Lower	Upper
56	100		
69	161.7	24.5	36.7#
84	129.0	66.0	99.0#





#33

1,2-Dichloroethane-d4

Concen: 48.067 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082935.D

Acq: 16 Jul 2024 14:51

Instrument :

MSVOA_N

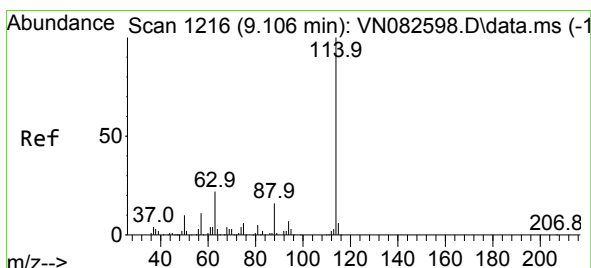
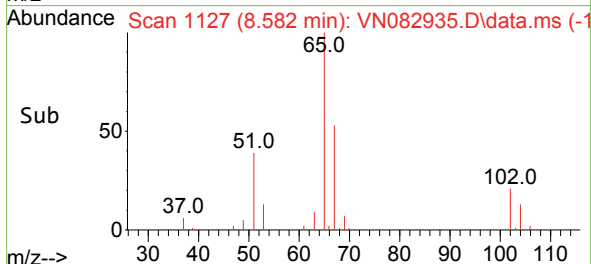
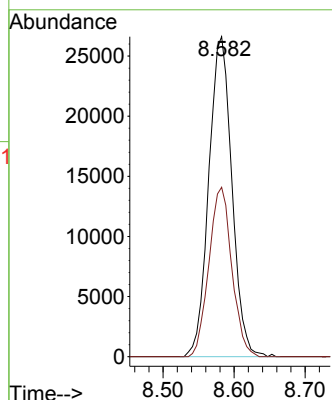
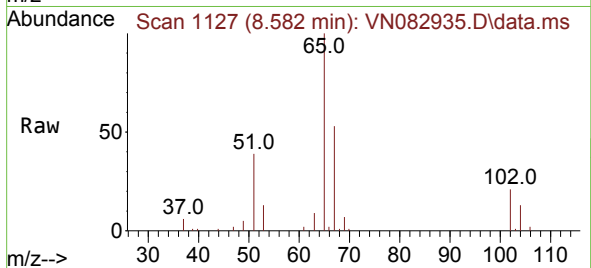
ClientSampleId :

Tgt Ion: 65 Resp: 60003

Ion Ratio Lower Upper

65 100

67 52.6 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: VN082935.D

Acq: 16 Jul 2024 14:51

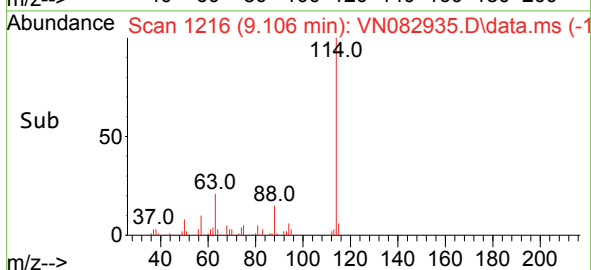
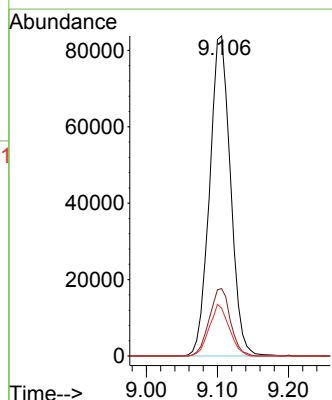
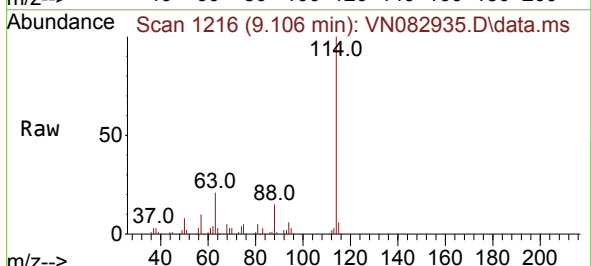
Tgt Ion: 114 Resp: 171051

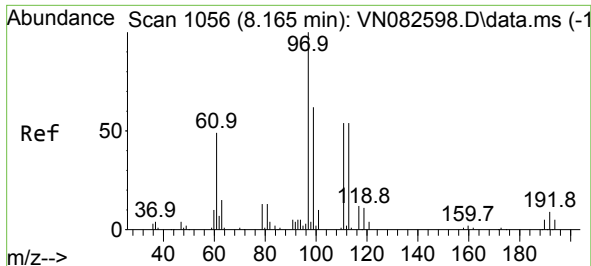
Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.6

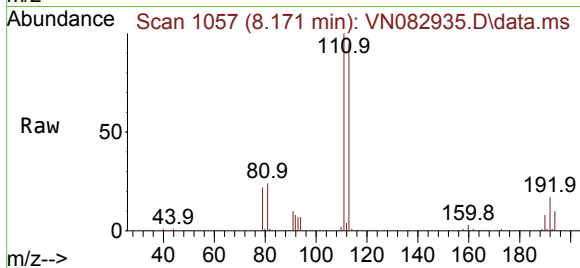
88 14.9 0.0 31.4



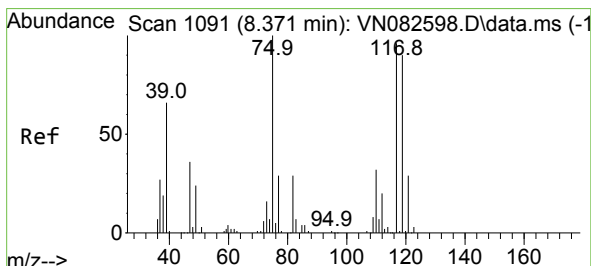
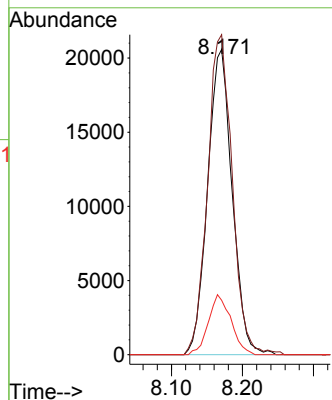
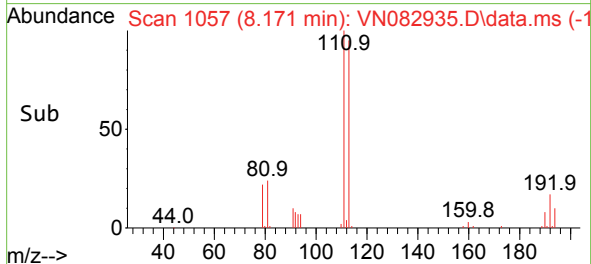


#35
Dibromofluoromethane
Concen: 45.050 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082935.D
Acq: 16 Jul 2024 14:51

Instrument :
MSVOA_N
ClientSampleId :

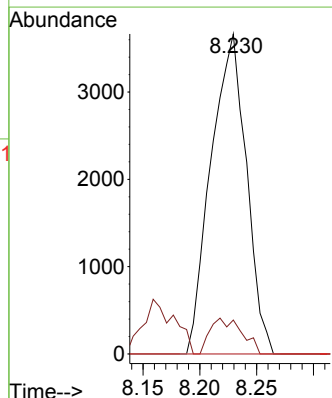
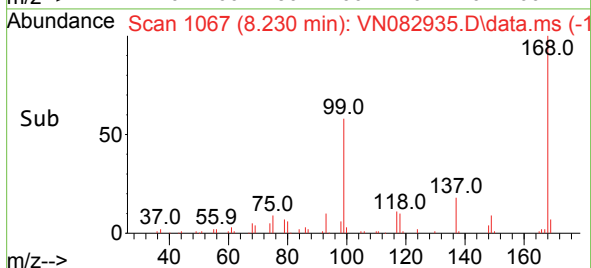
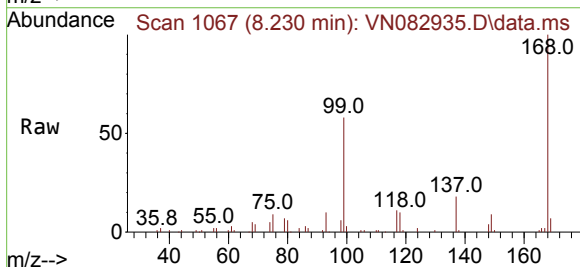


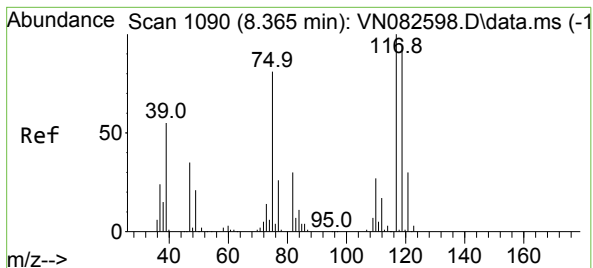
Tgt Ion:113 Resp: 49447
Ion Ratio Lower Upper
113 100
111 105.4 82.4 123.6
192 18.2 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.246 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082935.D
Acq: 16 Jul 2024 14:51

Tgt Ion: 75 Resp: 7939
Ion Ratio Lower Upper
75 100
110 10.1 16.3 48.9#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.241 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.141 min

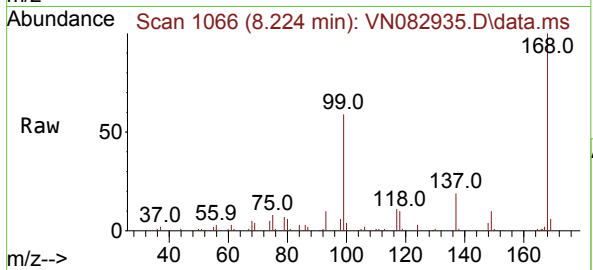
Lab File: VN082935.D

Acq: 16 Jul 2024 14:51

Instrument :

MSVOA_N

ClientSampleId :



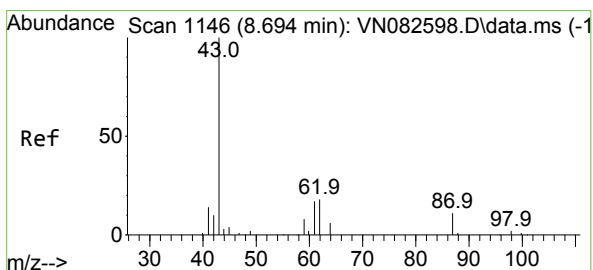
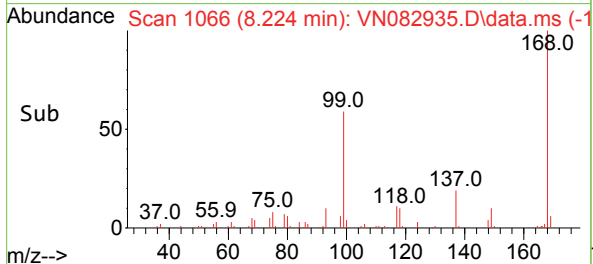
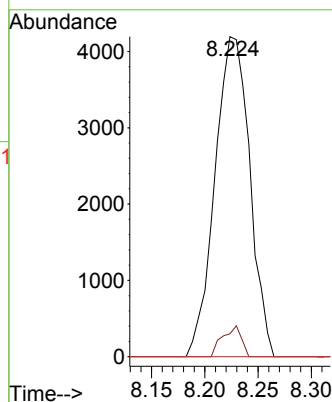
Tgt Ion:117 Resp: 9550

Ion Ratio Lower Upper

117 100

119 7.1 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.706 min Scan# 1148

Delta R.T. 0.012 min

Lab File: VN082935.D

Acq: 16 Jul 2024 14:51

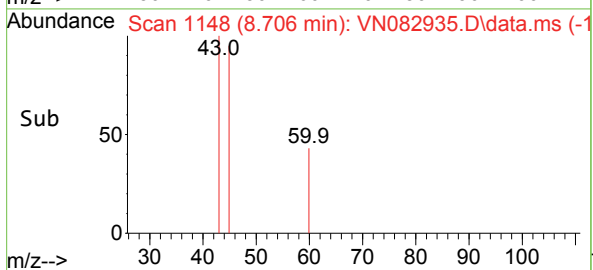
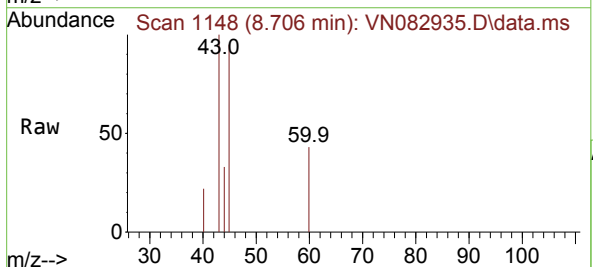
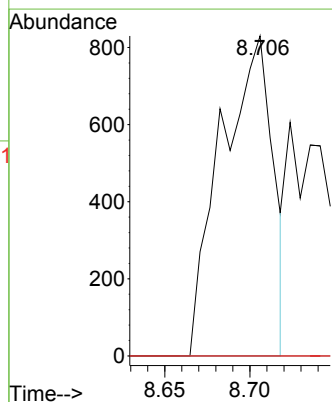
Tgt Ion: 43 Resp: 1754

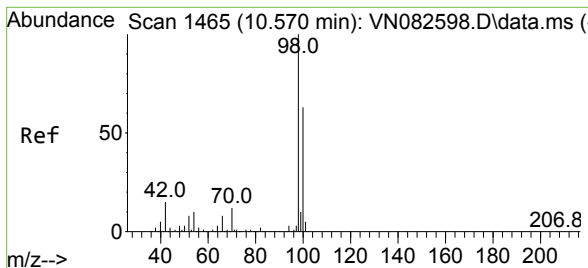
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#





#50

Toluene-d8

Concen: 44.748 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN082935.D

Acq: 16 Jul 2024 14:51

Instrument :

MSVOA_N

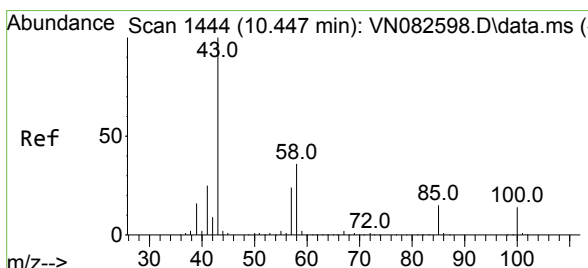
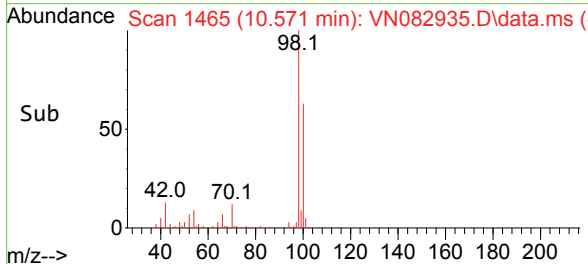
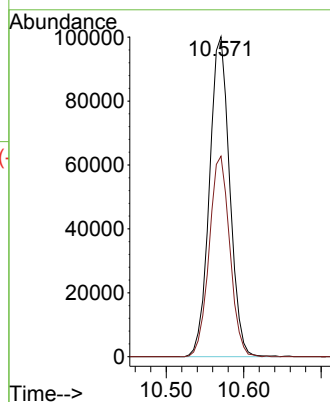
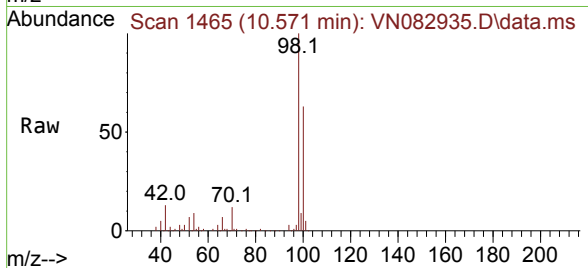
ClientSampleId :

Tgt Ion: 98 Resp: 181406

Ion Ratio Lower Upper

98 100

100 63.8 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 0.602 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.118 min

Lab File: VN082935.D

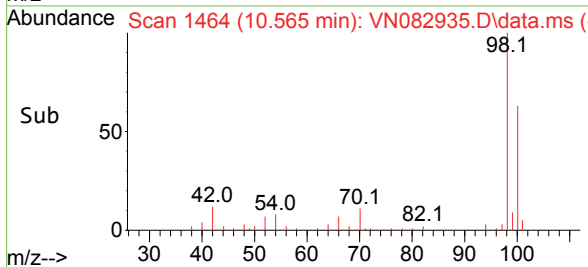
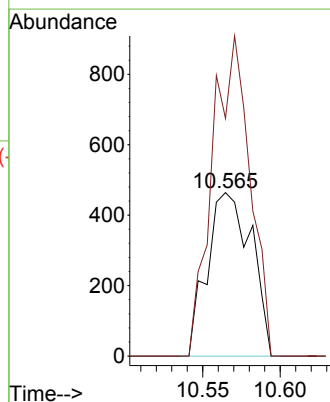
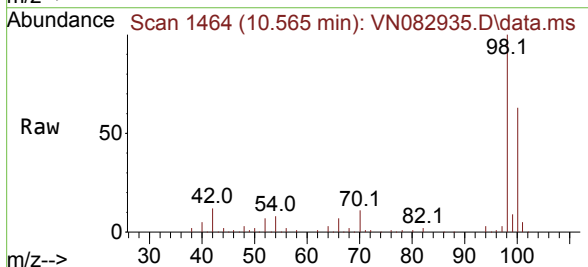
Acq: 16 Jul 2024 14:51

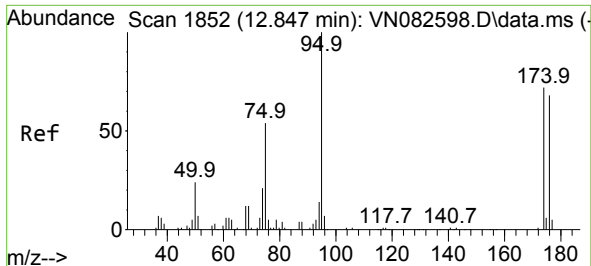
Tgt Ion: 43 Resp: 920

Ion Ratio Lower Upper

43 100

58 167.2 28.2 42.4#





#62

4-Bromofluorobenzene

Concen: 42.771 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082935.D

Acq: 16 Jul 2024 14:51

Instrument :

MSVOA_N

ClientSampleId :

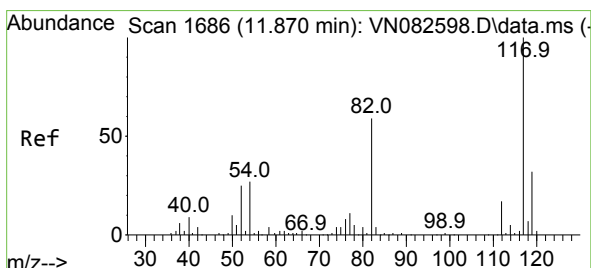
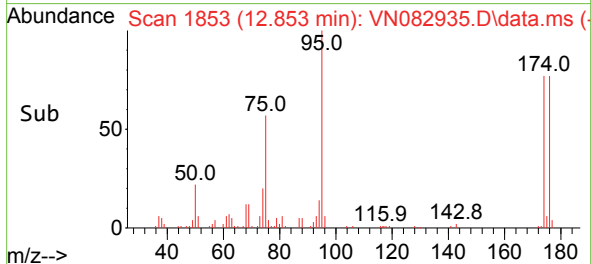
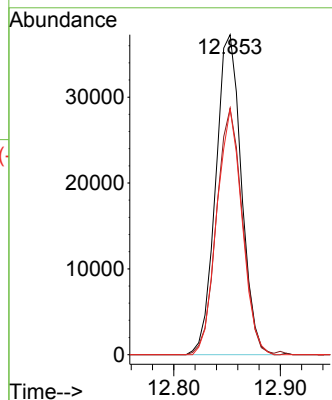
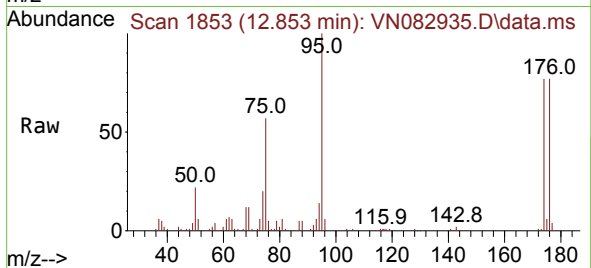
Tgt Ion: 95 Resp: 62284

Ion Ratio Lower Upper

95 100

174 78.1 0.0 159.2

176 75.7 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: VN082935.D

Acq: 16 Jul 2024 14:51

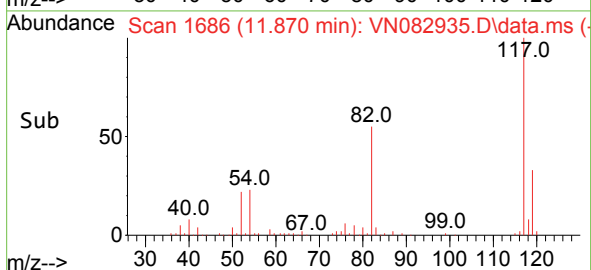
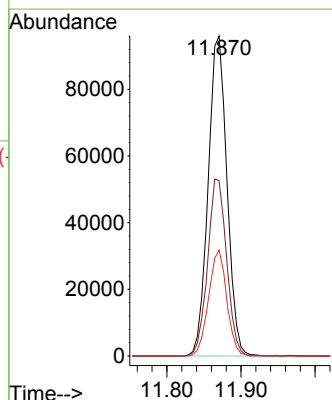
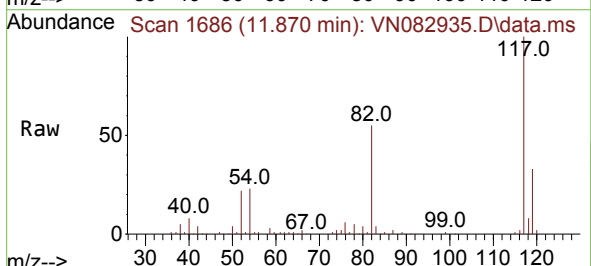
Tgt Ion: 117 Resp: 169197

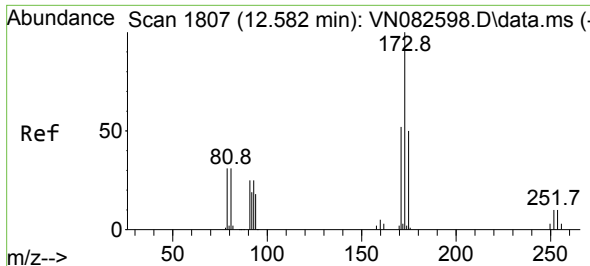
Ion Ratio Lower Upper

117 100

82 54.8 47.5 71.3

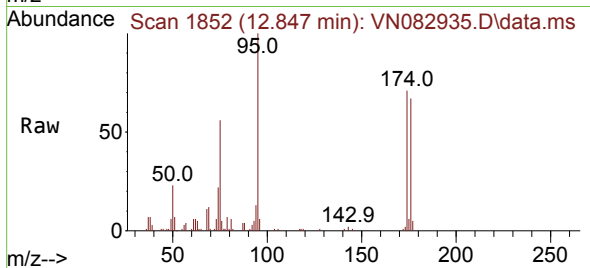
119 33.1 25.6 38.4



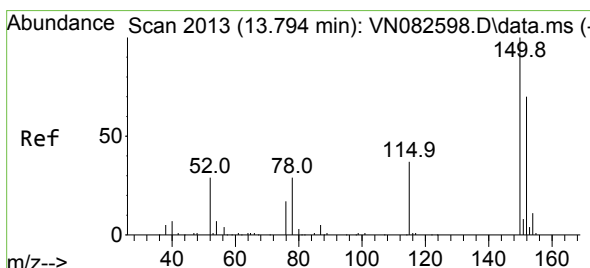
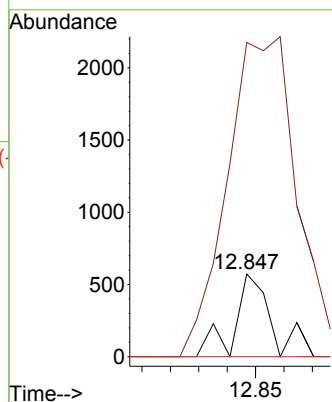
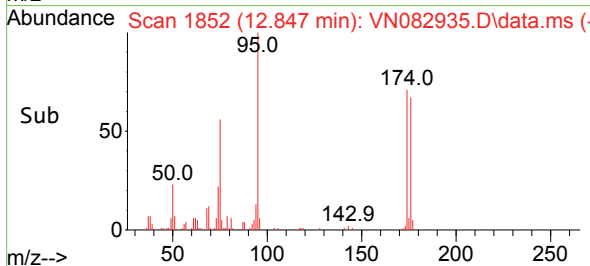


#71
Bromoform
Concen: 0.433 ug/l
RT: 12.847 min Scan# 1807
Delta R.T. 0.265 min
Lab File: VN082935.D
Acq: 16 Jul 2024 14:51

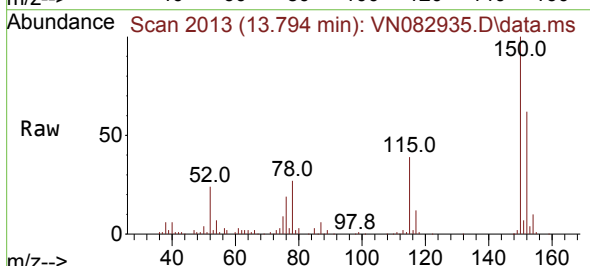
Instrument :
MSVOA_N
ClientSampleId :



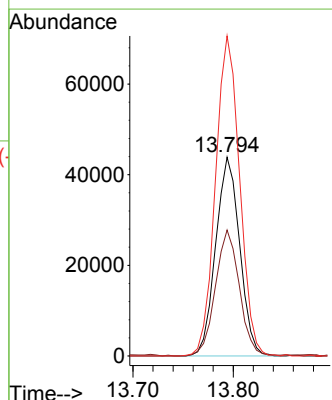
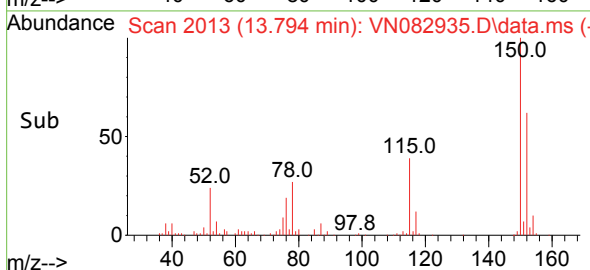
Tgt Ion:173 Resp: 439
Ion Ratio Lower Upper
173 100
175 524.8 24.0 72.0#
254 0.0 0.0 0.0

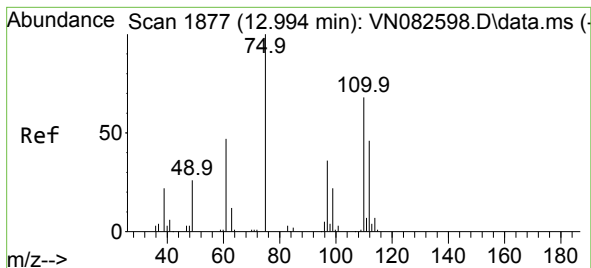


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082935.D
Acq: 16 Jul 2024 14:51



Tgt Ion:152 Resp: 72837
Ion Ratio Lower Upper
152 100
115 63.3 30.6 91.6
150 161.7 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 28.045 ug/l

RT: 12.853 min Scan# 11

Delta R.T. -0.141 min

Lab File: VN082935.D

Acq: 16 Jul 2024 14:51

Instrument :

MSVOA_N

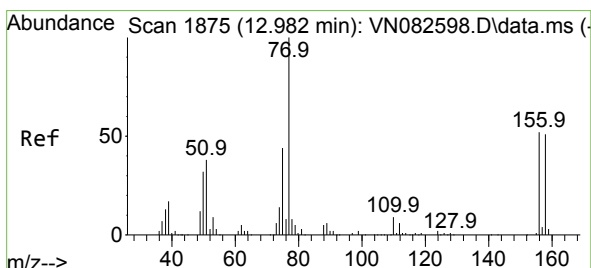
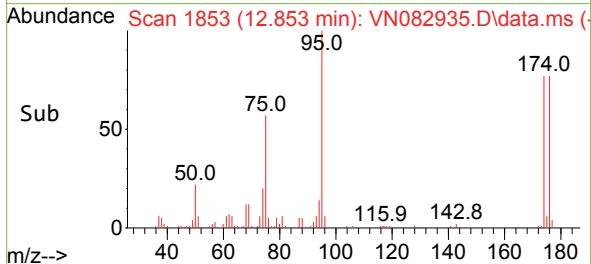
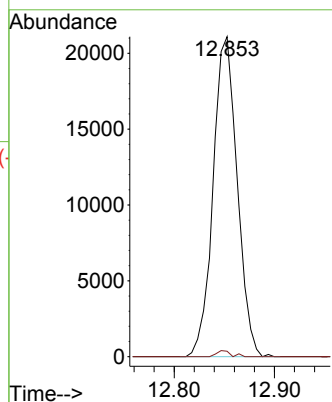
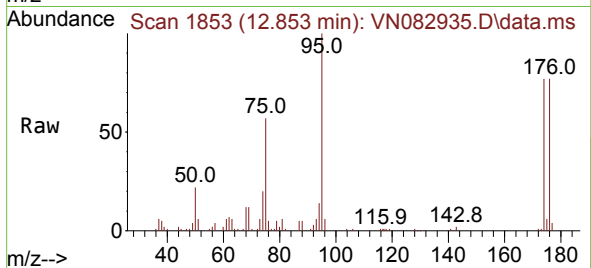
ClientSampleId :

Tgt Ion: 75 Resp: 35218

Ion Ratio Lower Upper

75 100

77 1.1 110.9 332.6#



#77

Bromobenzene

Concen: 0.240 ug/l

RT: 13.229 min Scan# 1917

Delta R.T. 0.247 min

Lab File: VN082935.D

Acq: 16 Jul 2024 14:51

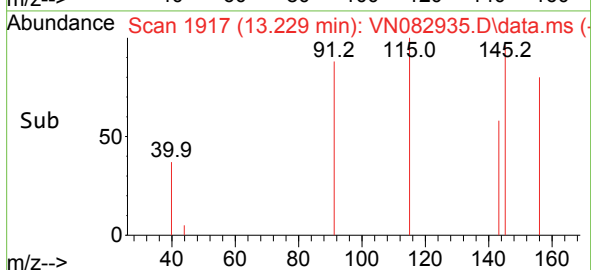
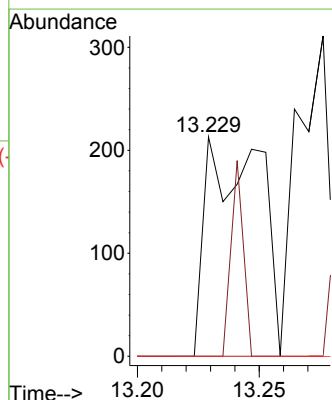
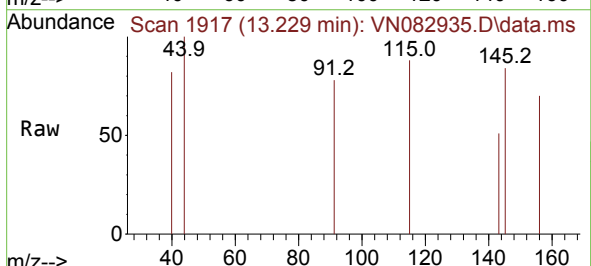
Tgt Ion:156 Resp: 328

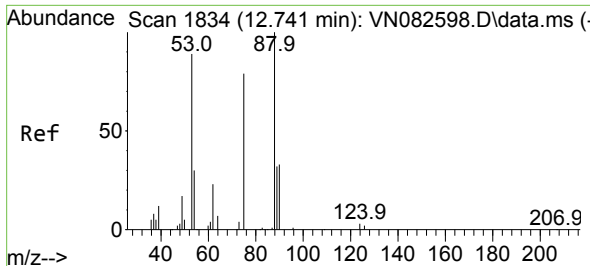
Ion Ratio Lower Upper

156 100

77 20.4 111.3 333.8#

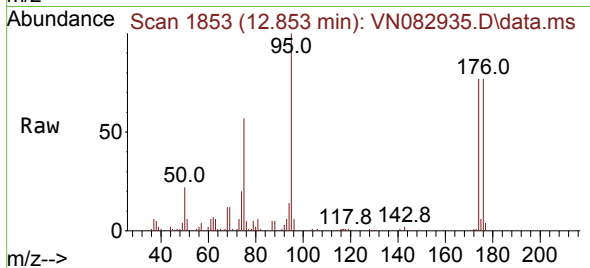
158 0.0 48.3 144.9#



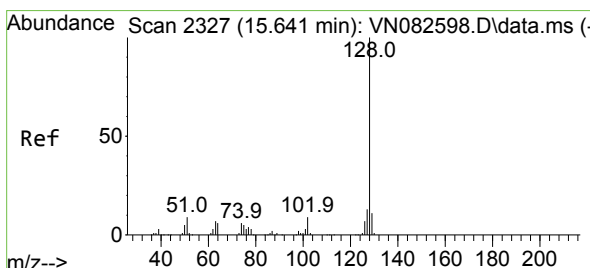
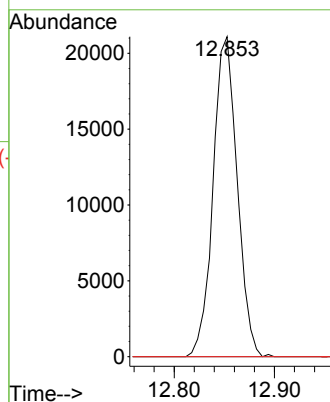
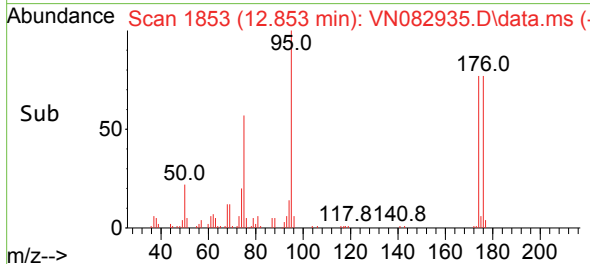


#81
trans-1,4-Dichloro-2-butene
Concen: 55.157 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN082935.D
Acq: 16 Jul 2024 14:51

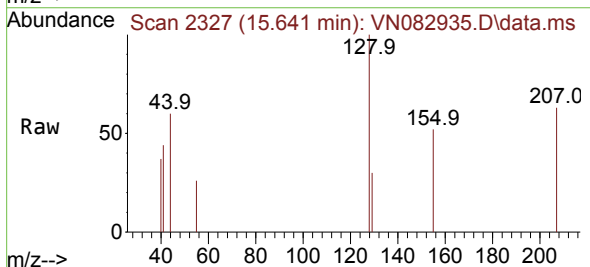
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 35218
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#



#95
Naphthalene
Concen: 0.321 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082935.D
Acq: 16 Jul 2024 14:51



Tgt Ion: 128 Resp: 1418
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 14.2 8.6 12.8#

