

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071024\
 Data File : VN082849.D
 Acq On : 10 Jul 2024 12:37
 Operator : JC\MD
 Sample : VN0710MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 11 03:45:49 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)

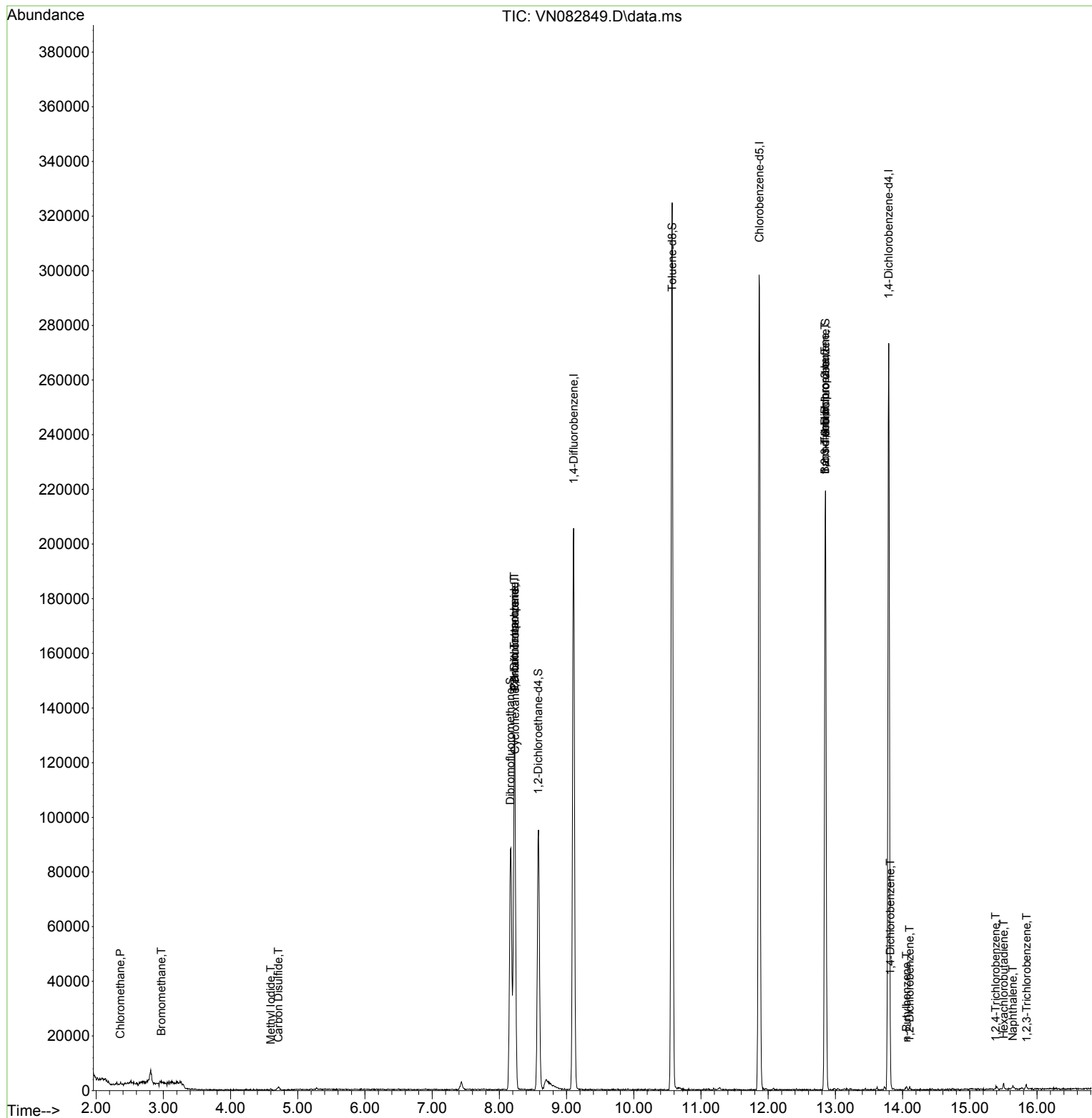
Internal Standards						
1) Pentafluorobenzene	8.230	168	90565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	171124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	169756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	71381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	78655	61.956	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 123.920%			
35) Dibromofluoromethane	8.165	113	63848	58.146	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 116.300%			
50) Toluene-d8	10.571	98	220966	54.483	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.960%			
62) 4-Bromofluorobenzene	12.853	95	72020	49.436	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 98.880%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	395	0.355	ug/l #	74
5) Bromomethane	2.971	94	645	0.766	ug/l #	55
10) Methyl Iodide	4.600	142	269	0.276	ug/l #	38
17) Carbon Disulfide	4.712	76	2113	0.765	ug/l #	75
31) Cyclohexane	8.235	56	2329	1.403	ug/l #	44
36) 1,1-Dichloropropene	8.224	75	8392	5.543	ug/l #	49
38) Carbon Tetrachloride	8.224	117	10126	5.555	ug/l #	17
43) Isopropyl Acetate	8.700	43	3638	Below Cal	#	60
71) Bromoform	12.847	173	684	0.672	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	40528	32.932	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	40528	64.768	ug/l #	6
88) 1,4-Dichlorobenzene	13.817	146	564	0.226	ug/l #	1
89) n-Butylbenzene	14.059	91	1013	0.282	ug/l #	83
91) 1,2-Dichlorobenzene	14.106	146	488	0.208	ug/l #	77
93) 1,2,4-Trichlorobenzene	15.388	180	652	0.516	ug/l #	88
94) Hexachlorobutadiene	15.506	225	604	1.078	ug/l	69
95) Naphthalene	15.641	128	1612	0.372	ug/l #	79
96) 1,2,3-Trichlorobenzene	15.847	180	797	0.613	ug/l #	73

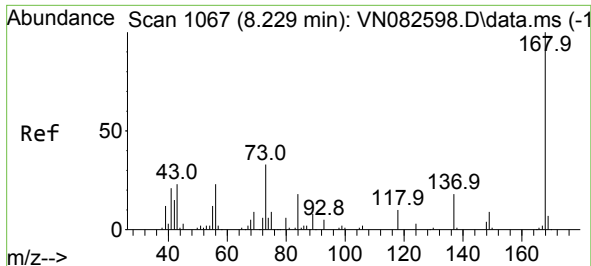
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

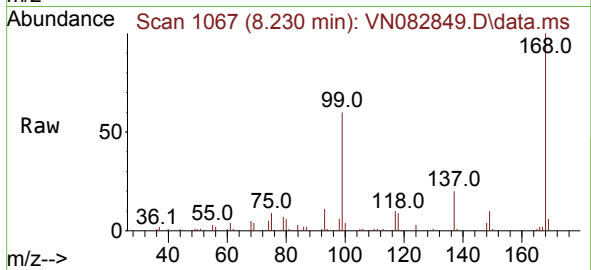
Quant Time: Jul 11 03:45:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration



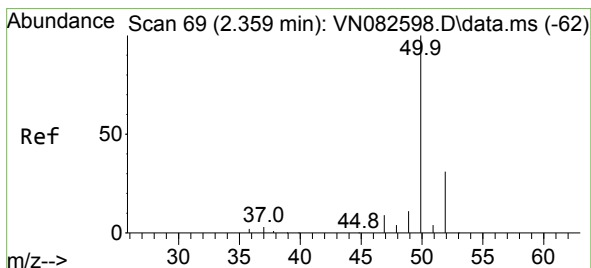
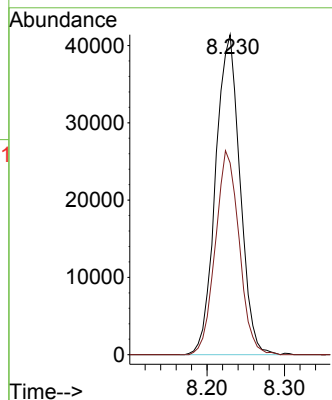
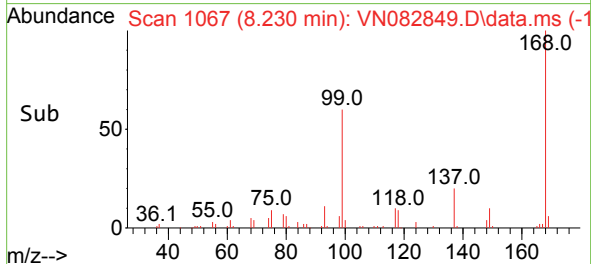


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082849.D
Acq: 10 Jul 2024 12:37

Instrument :
MSVOA_N
ClientSampleId :

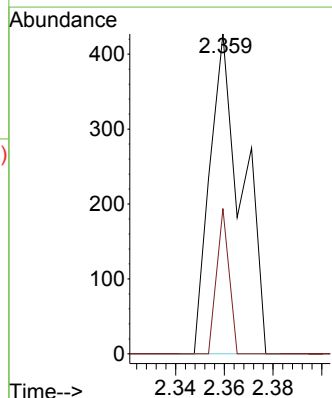
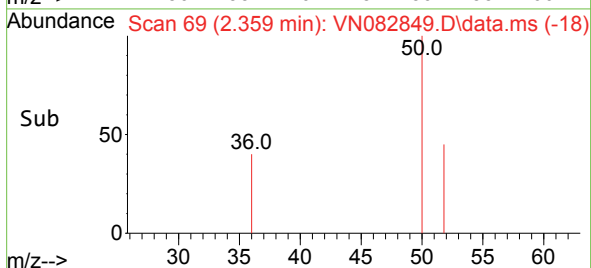
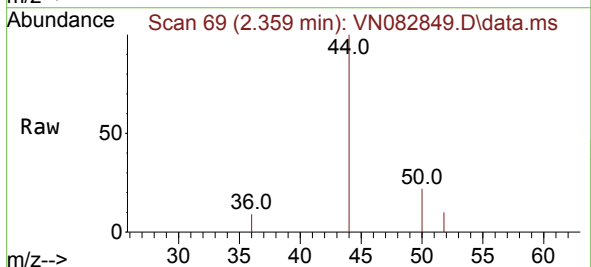


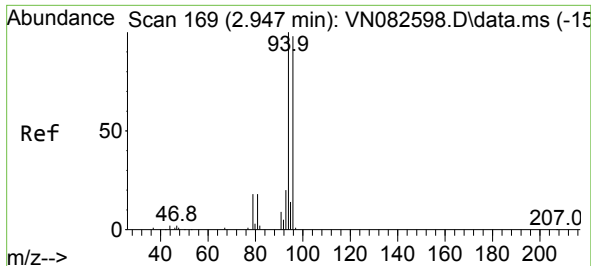
Tgt Ion:168 Resp: 90565
Ion Ratio Lower Upper
168 100
99 59.9 48.2 72.4



#3
Chloromethane
Concen: 0.355 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082849.D
Acq: 10 Jul 2024 12:37

Tgt Ion: 50 Resp: 395
Ion Ratio Lower Upper
50 100
52 45.4 25.0 37.4#

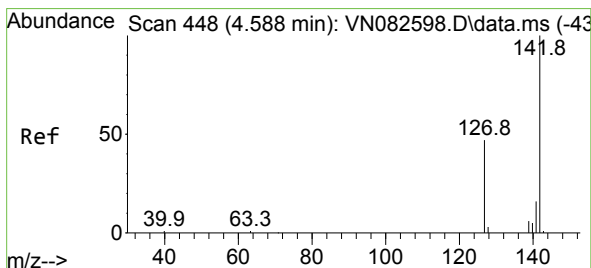
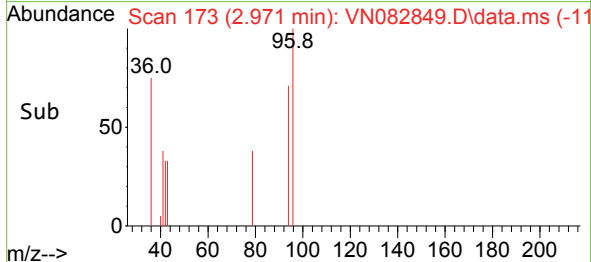
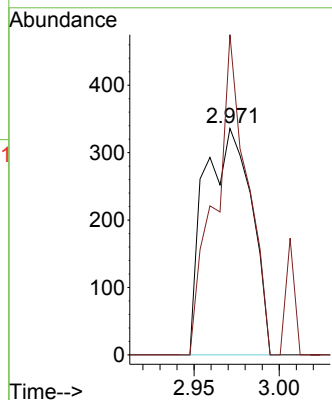
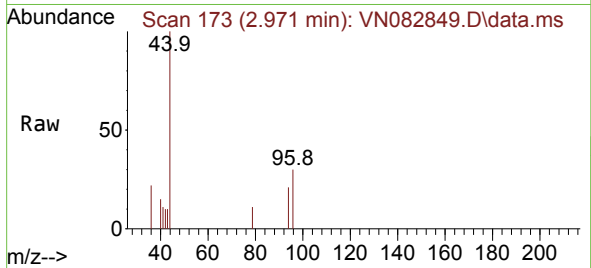




#5
Bromomethane
Concen: 0.766 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN082849.D
Acq: 10 Jul 2024 12:37

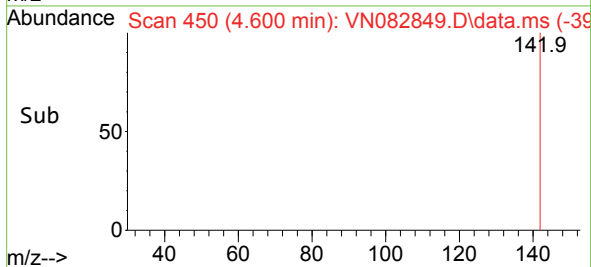
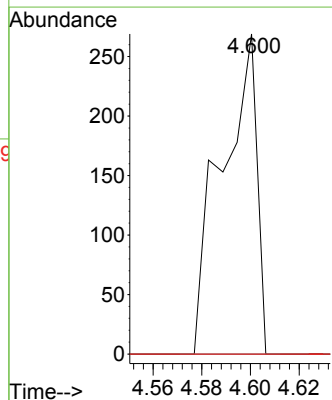
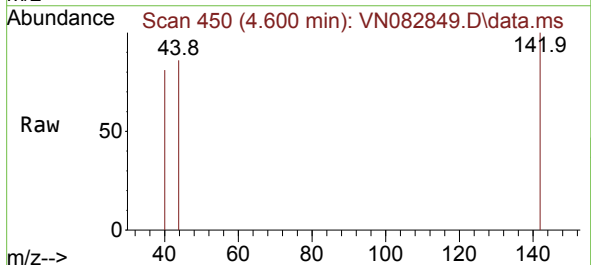
Instrument :
MSVOA_N
ClientSampleId :

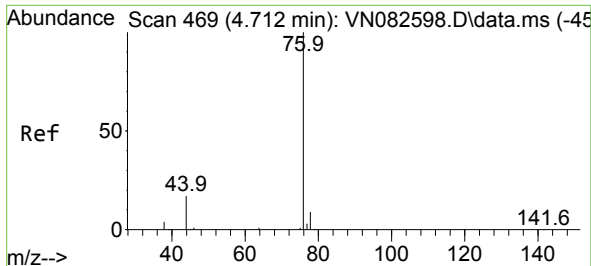
Tgt Ion: 94 Resp: 645
Ion Ratio Lower Upper
94 100
96 141.4 78.0 117.0#



#10
Methyl Iodide
Concen: 0.276 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.012 min
Lab File: VN082849.D
Acq: 10 Jul 2024 12:37

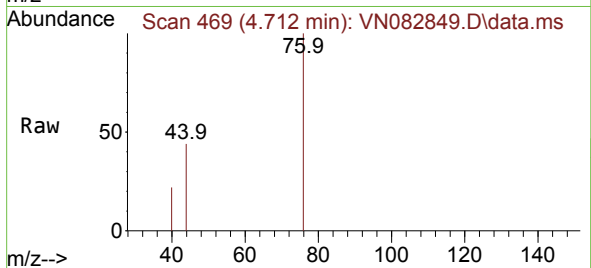
Tgt Ion:142 Resp: 269
Ion Ratio Lower Upper
142 100
127 0.0 37.5 56.3#
141 0.0 13.1 19.7#



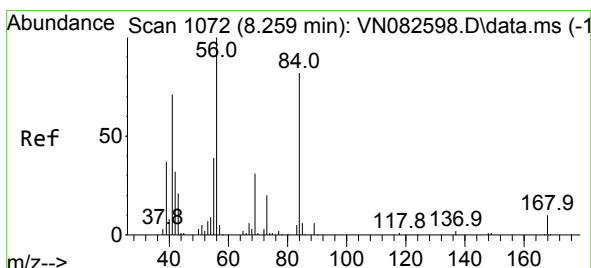
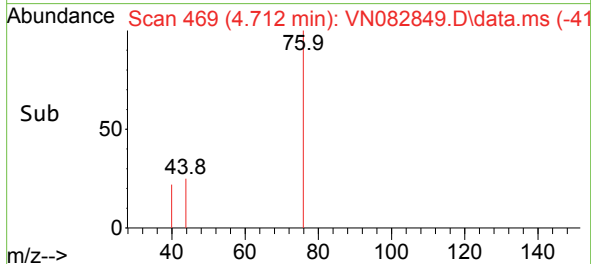
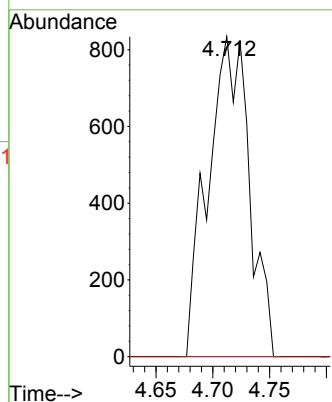


#17
Carbon Disulfide
Concen: 0.765 ug/l
RT: 4.712 min Scan# 40
Delta R.T. 0.000 min
Lab File: VN082849.D
Acq: 10 Jul 2024 12:37

Instrument :
MSVOA_N
ClientSampleId :

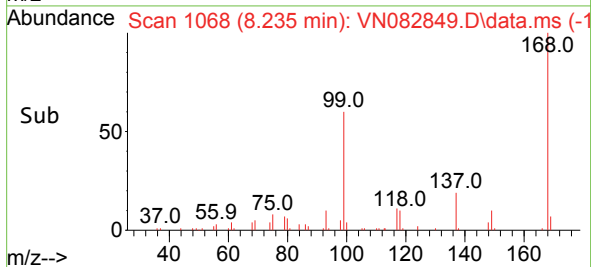
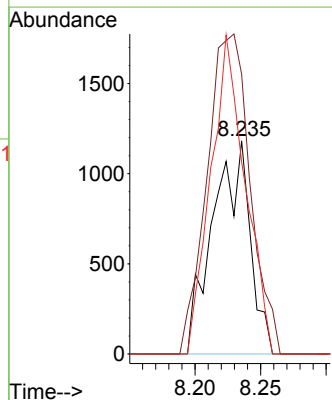
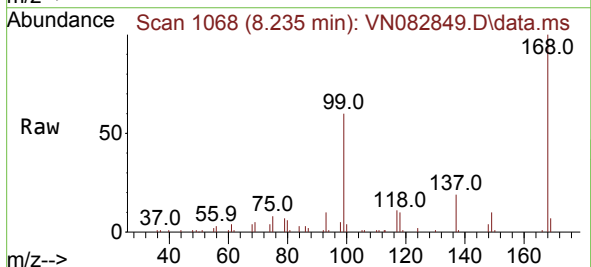


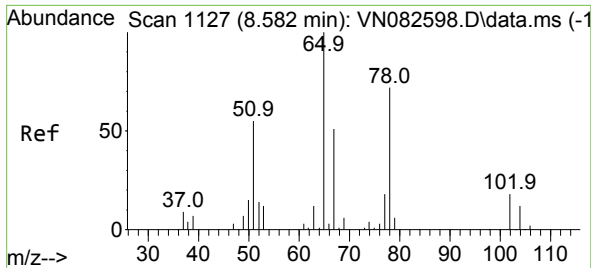
Tgt Ion: 76 Resp: 2113
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#31
Cyclohexane
Concen: 1.403 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.024 min
Lab File: VN082849.D
Acq: 10 Jul 2024 12:37

Tgt Ion: 56 Resp: 2329
Ion Ratio Lower Upper
56 100
69 131.2 24.5 36.7#
84 90.0 66.0 99.0

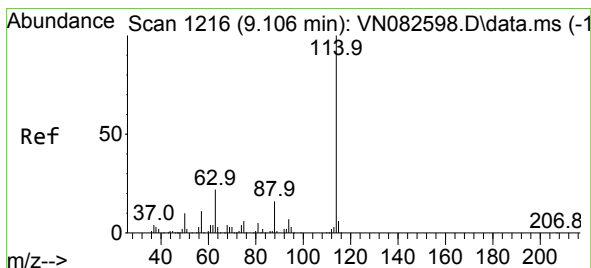
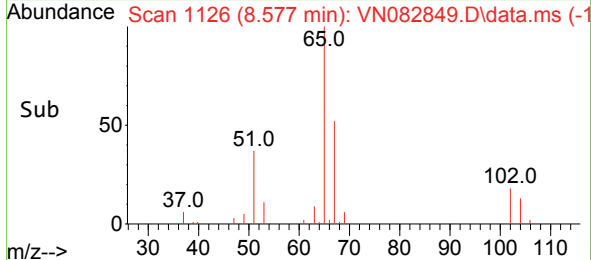
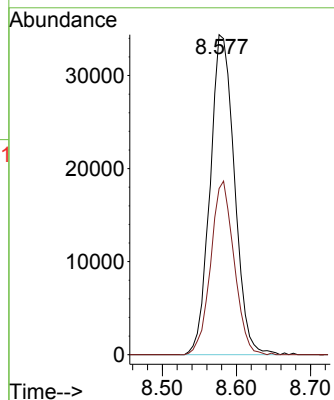
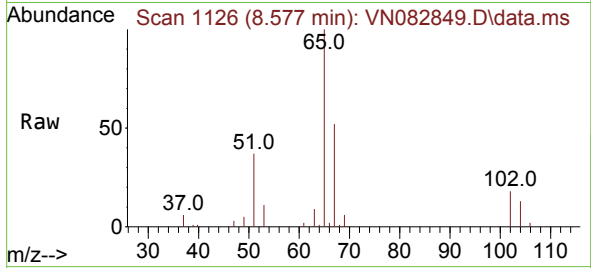




#33
 1,2-Dichloroethane-d4
 Concen: 61.956 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.005 min
 Lab File: VN082849.D
 Acq: 10 Jul 2024 12:37

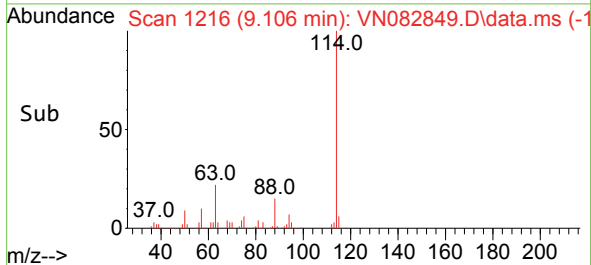
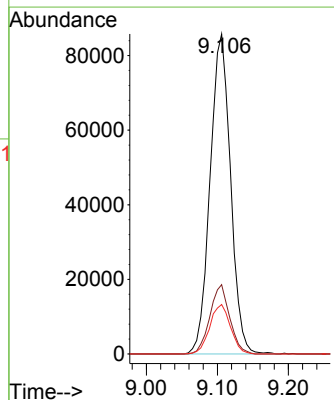
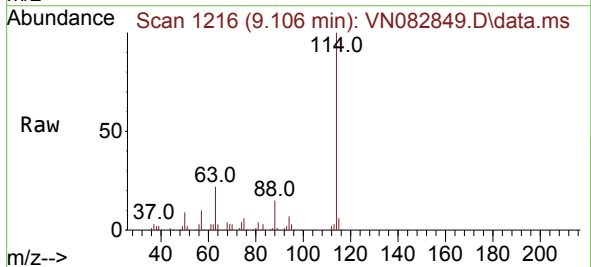
Instrument :
 MSVOA_N
 ClientSampleId :

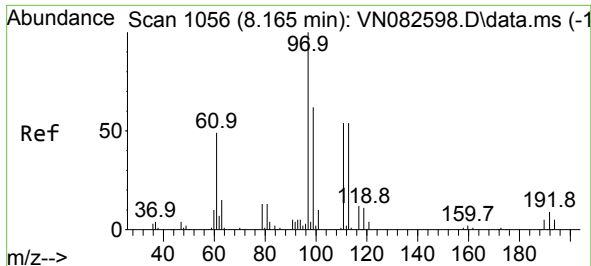
Tgt Ion: 65 Resp: 78655
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN082849.D
 Acq: 10 Jul 2024 12:37

Tgt Ion: 114 Resp: 171124
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 44.6
 88 15.5 0.0 31.4

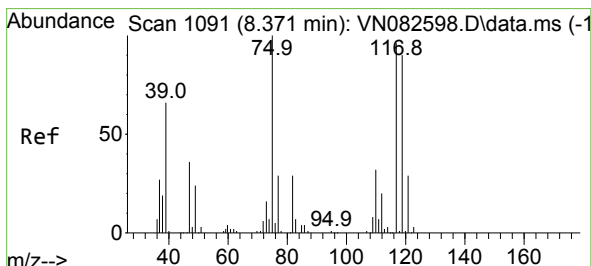
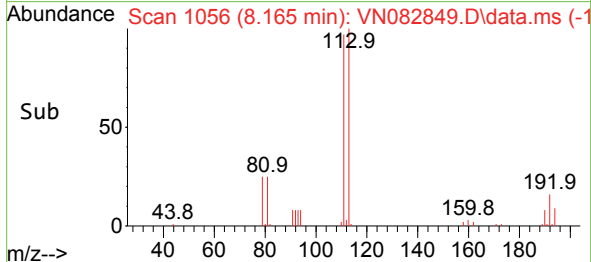
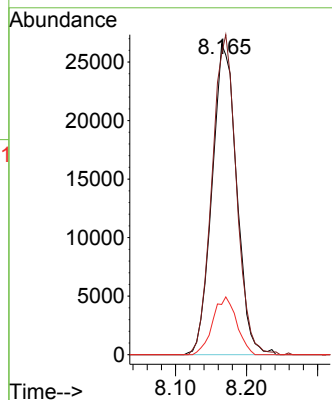
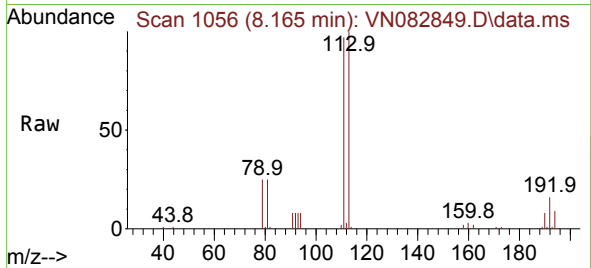




#35
Dibromofluoromethane
Concen: 58.146 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082849.D
Acq: 10 Jul 2024 12:37

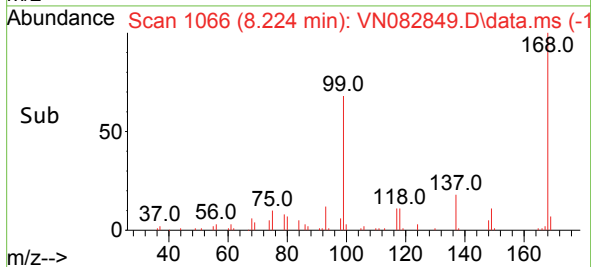
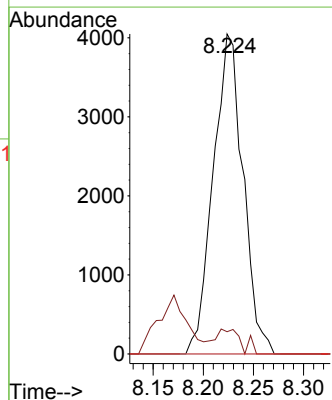
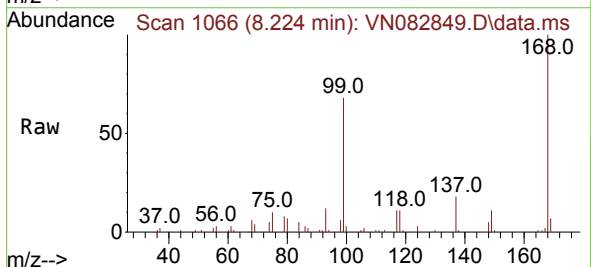
Instrument :
MSVOA_N
ClientSampleId :

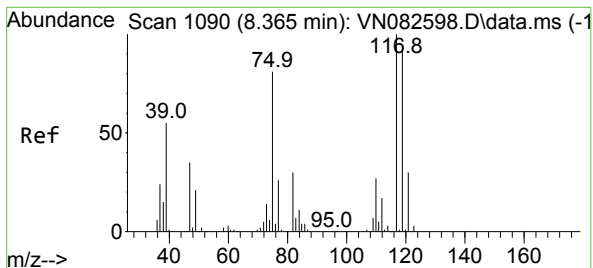
Tgt Ion:113 Resp: 63848
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 18.0 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.543 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082849.D
Acq: 10 Jul 2024 12:37

Tgt Ion: 75 Resp: 8392
Ion Ratio Lower Upper
75 100
110 7.2 16.3 48.9#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.555 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

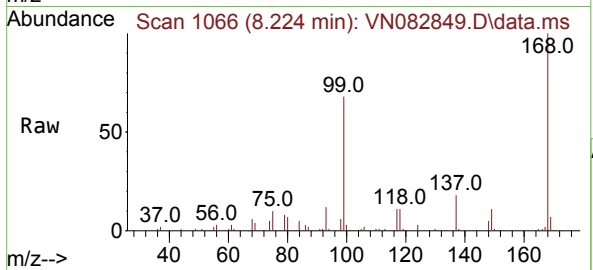
Lab File: VN082849.D

Acq: 10 Jul 2024 12:37

Instrument :

MSVOA_N

ClientSampleId :



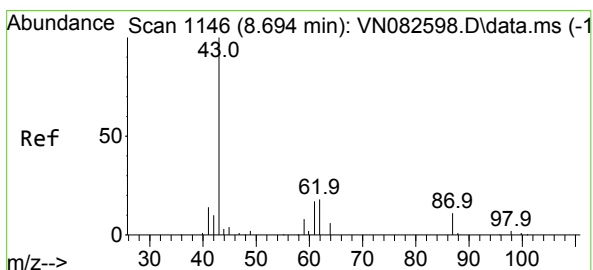
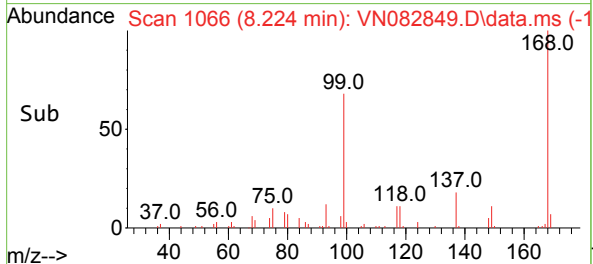
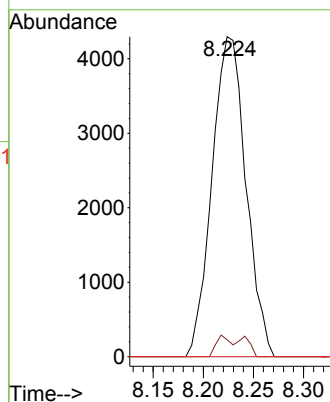
Tgt Ion:117 Resp: 10126

Ion Ratio Lower Upper

117 100

119 5.3 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.700 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VN082849.D

Acq: 10 Jul 2024 12:37

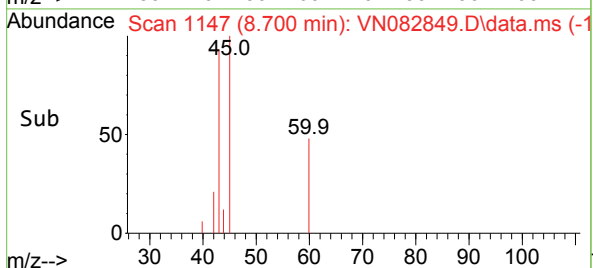
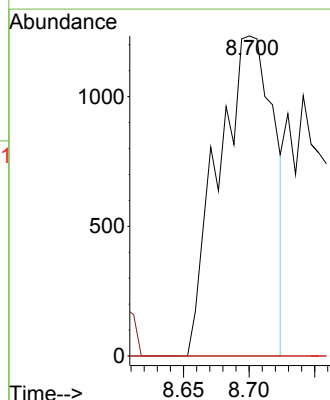
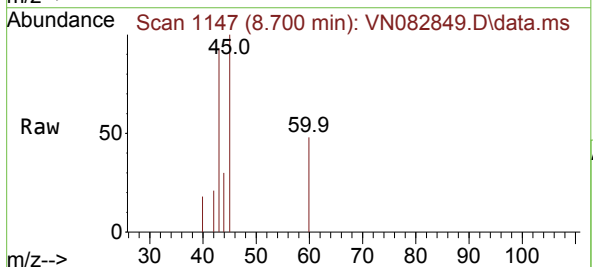
Tgt Ion: 43 Resp: 3638

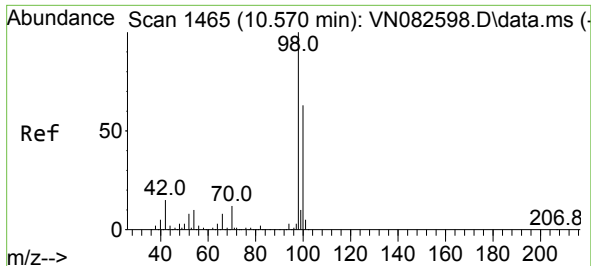
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

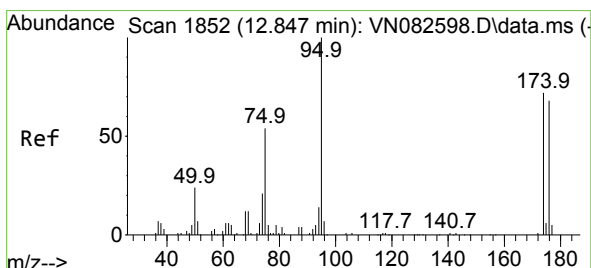
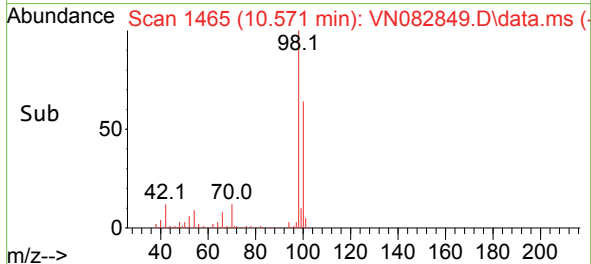
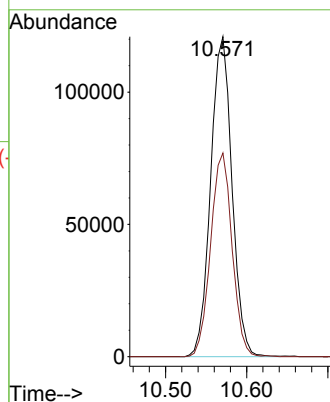
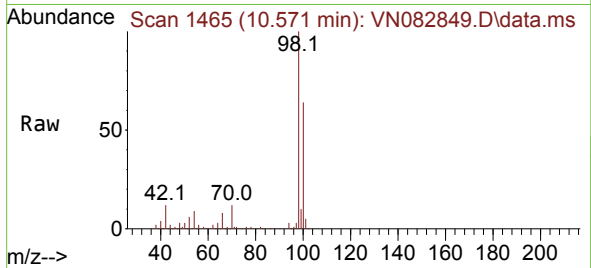




#50
Toluene-d8
Concen: 54.483 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082849.D
Acq: 10 Jul 2024 12:37

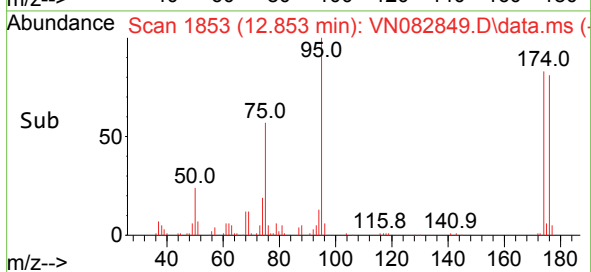
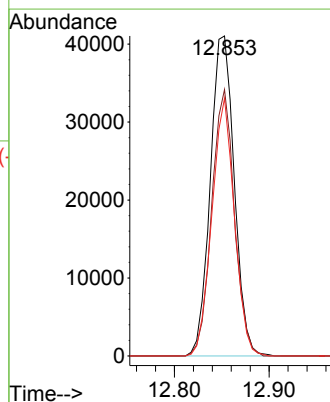
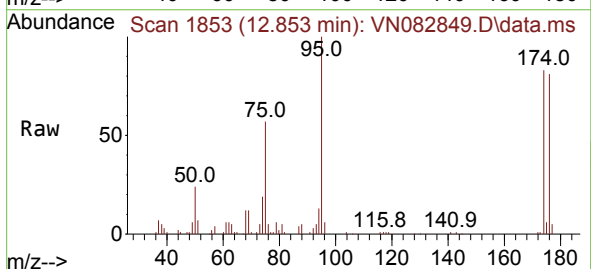
Instrument :
MSVOA_N
ClientSampleId :

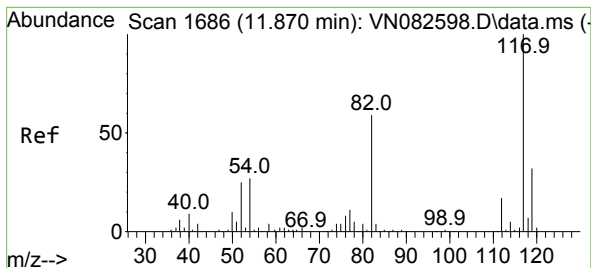
Tgt Ion: 98 Resp: 220966
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 49.436 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082849.D
Acq: 10 Jul 2024 12:37

Tgt Ion: 95 Resp: 72020
Ion Ratio Lower Upper
95 100
174 78.9 0.0 159.2
176 75.6 0.0 147.6

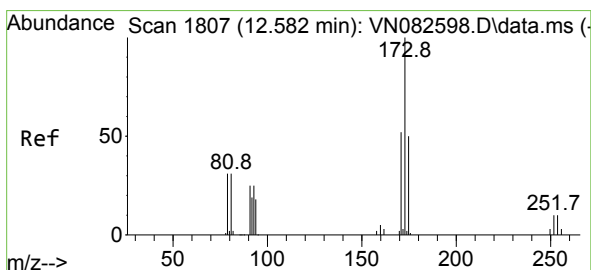
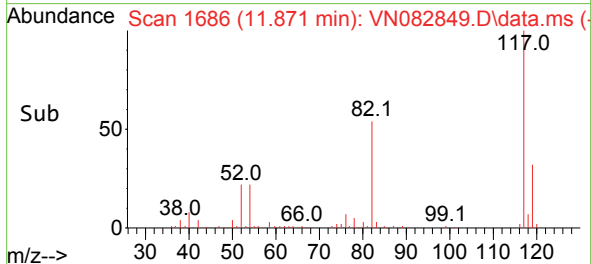
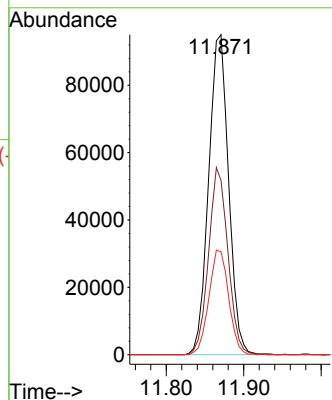
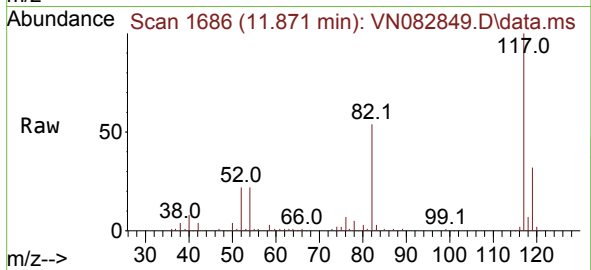




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN082849.D
Acq: 10 Jul 2024 12:37

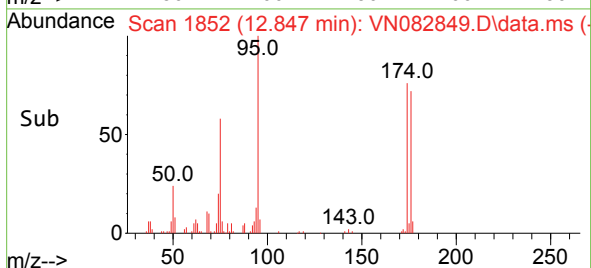
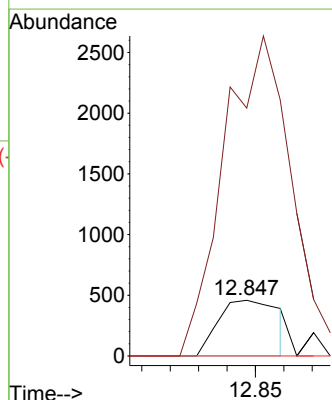
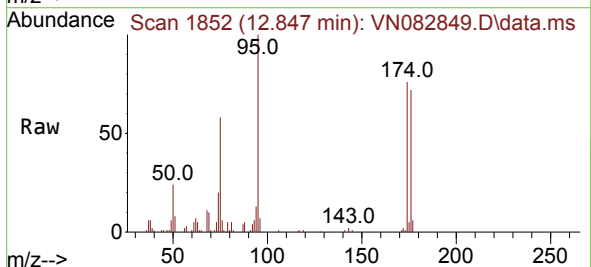
Instrument :
MSVOA_N
ClientSampleId :

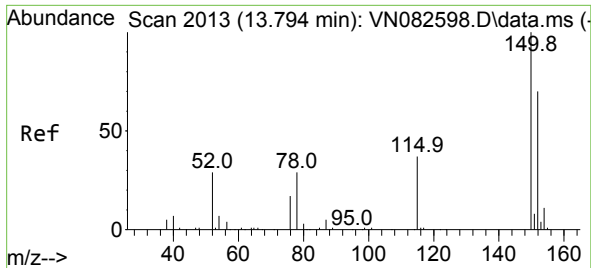
Tgt Ion:117 Resp: 169756
Ion Ratio Lower Upper
117 100
82 54.4 47.5 71.3
119 32.2 25.6 38.4



#71
Bromoform
Concen: 0.672 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN082849.D
Acq: 10 Jul 2024 12:37

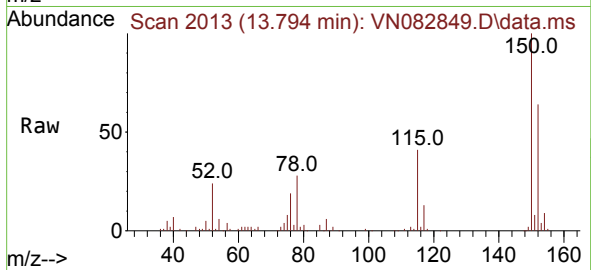
Tgt Ion:173 Resp: 684
Ion Ratio Lower Upper
173 100
175 537.1 24.0 72.0#
254 0.0 0.0 0.0



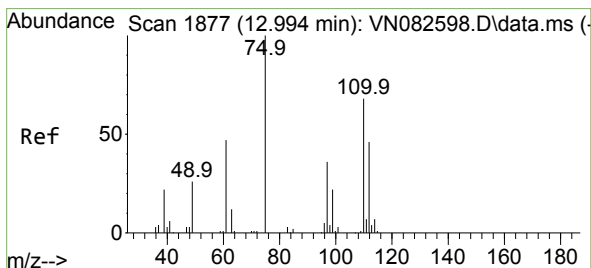
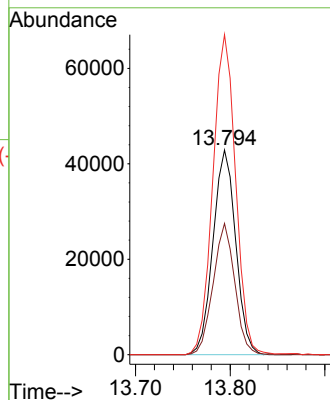
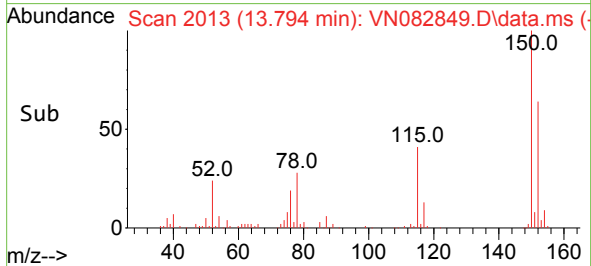


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082849.D
 Acq: 10 Jul 2024 12:37

Instrument :
 MSVOA_N
 ClientSampleId :

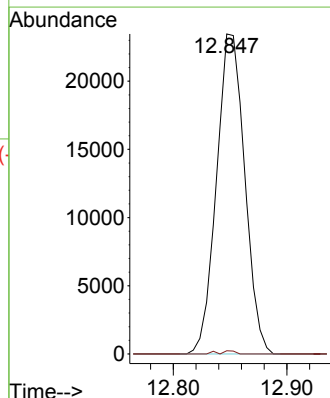
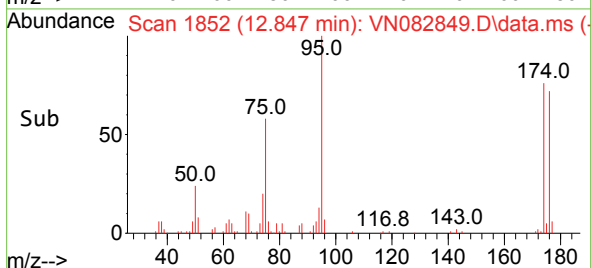
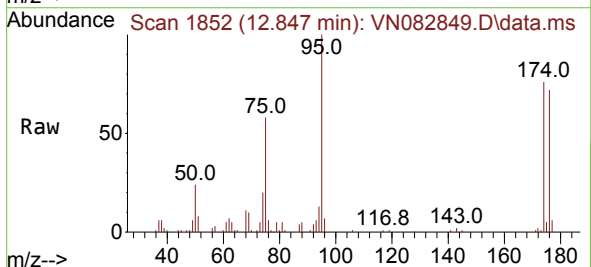


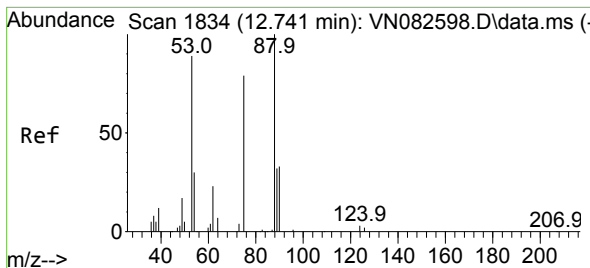
Tgt Ion:152 Resp: 71381
 Ion Ratio Lower Upper
 152 100
 115 61.0 30.6 91.6
 150 156.9 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 32.932 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN082849.D
 Acq: 10 Jul 2024 12:37

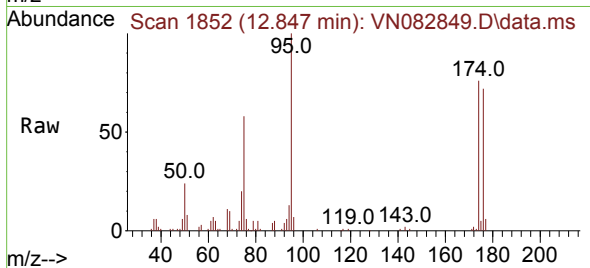
Tgt Ion: 75 Resp: 40528
 Ion Ratio Lower Upper
 75 100
 77 0.6 110.9 332.6#



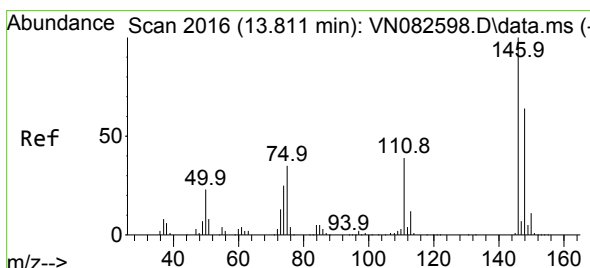
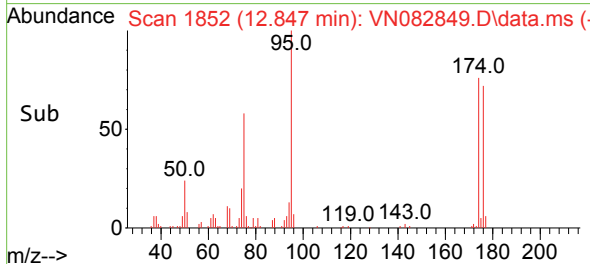
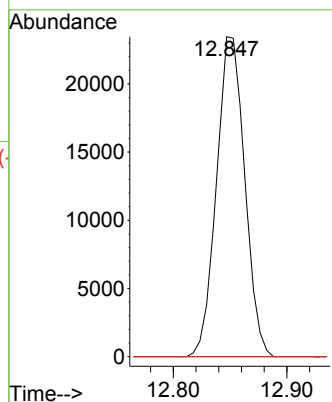


#81
trans-1,4-Dichloro-2-butene
Concen: 64.768 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN082849.D
Acq: 10 Jul 2024 12:37

Instrument :
MSVOA_N
ClientSampleId :

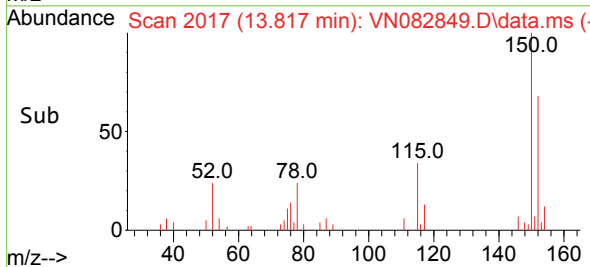
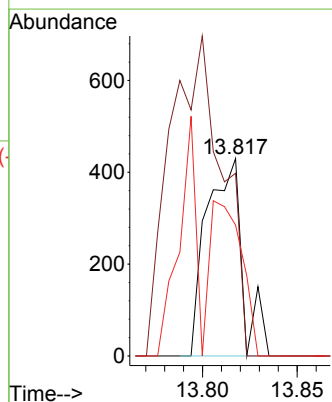
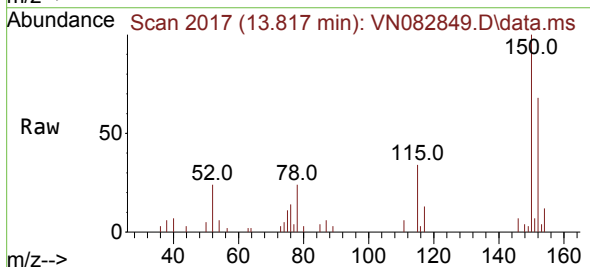


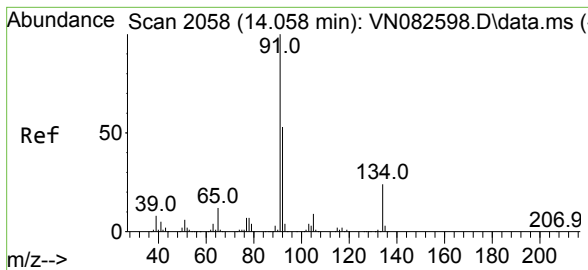
Tgt Ion: 75 Resp: 40528
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#



#88
1,4-Dichlorobenzene
Concen: 0.226 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN082849.D
Acq: 10 Jul 2024 12:37

Tgt Ion:146 Resp: 564
Ion Ratio Lower Upper
146 100
111 238.8 20.1 60.3#
148 70.2 32.2 96.6

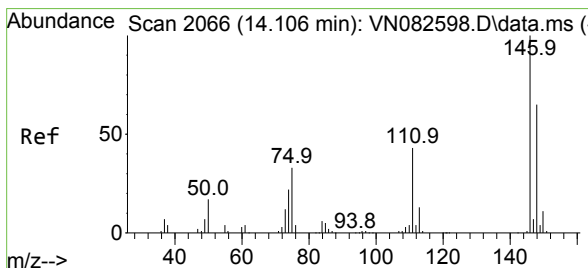
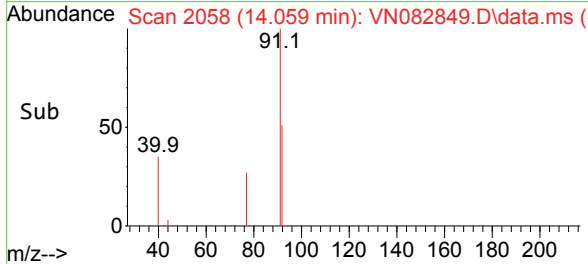
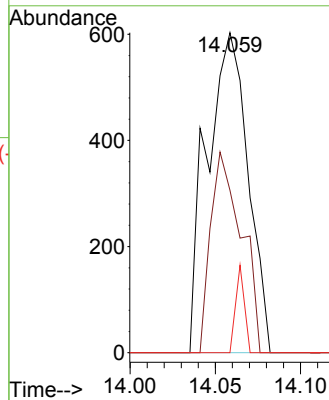
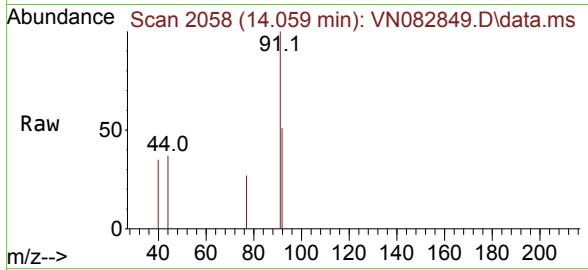




#89
n-Butylbenzene
Concen: 0.282 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.001 min
Lab File: VN082849.D
Acq: 10 Jul 2024 12:37

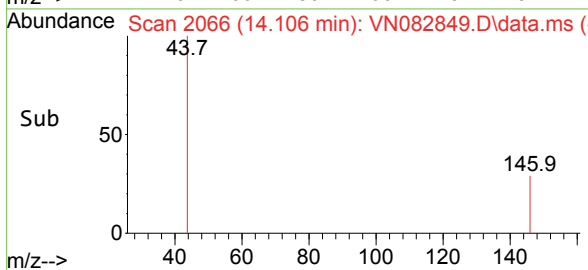
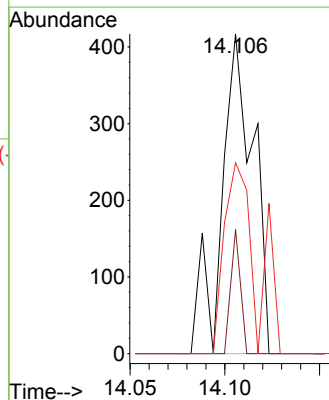
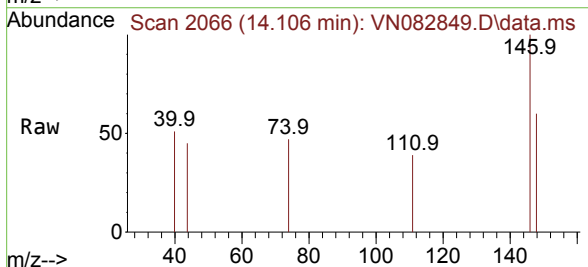
Instrument :
MSVOA_N
ClientSampleId :

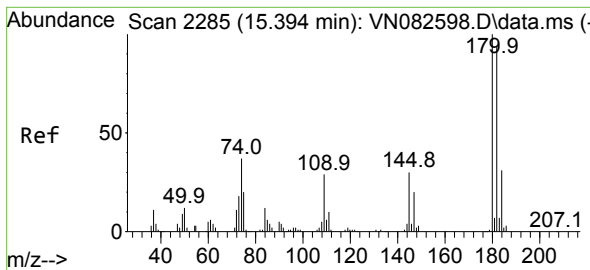
Tgt Ion: 91 Resp: 1013
Ion Ratio Lower Upper
91 100
92 47.2 26.1 78.3
134 5.7 12.1 36.3#



#91
1,2-Dichlorobenzene
Concen: 0.208 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082849.D
Acq: 10 Jul 2024 12:37

Tgt Ion: 146 Resp: 488
Ion Ratio Lower Upper
146 100
111 11.7 21.4 64.2#
148 60.0 32.1 96.5





#93

1,2,4-Trichlorobenzene

Concen: 0.516 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN082849.D

Acq: 10 Jul 2024 12:37

Instrument :

MSVOA_N

ClientSampleId :

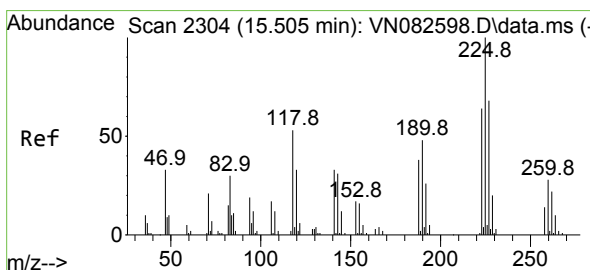
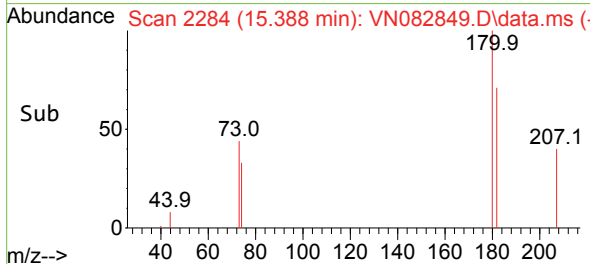
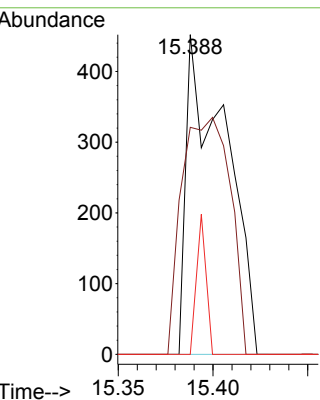
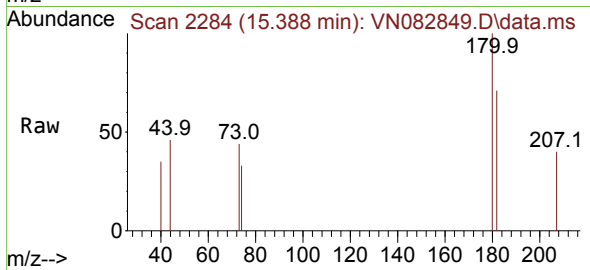
Tgt Ion:180 Resp: 652

Ion Ratio Lower Upper

180 100

182 91.3 47.3 141.8

145 10.7 15.7 47.1#



#94

Hexachlorobutadiene

Concen: 1.078 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.001 min

Lab File: VN082849.D

Acq: 10 Jul 2024 12:37

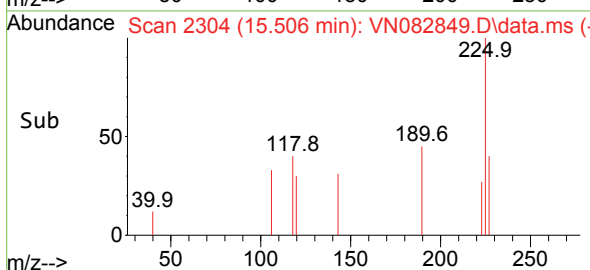
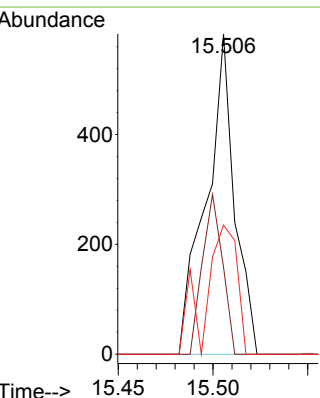
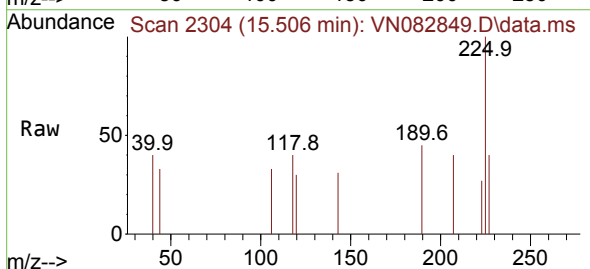
Tgt Ion:225 Resp: 604

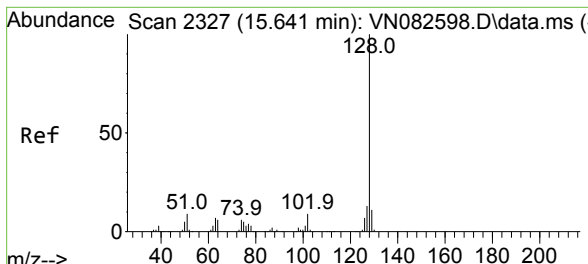
Ion Ratio Lower Upper

225 100

223 35.4 31.9 95.7

227 45.2 32.5 97.5

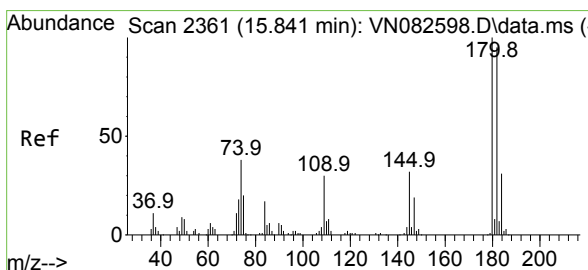
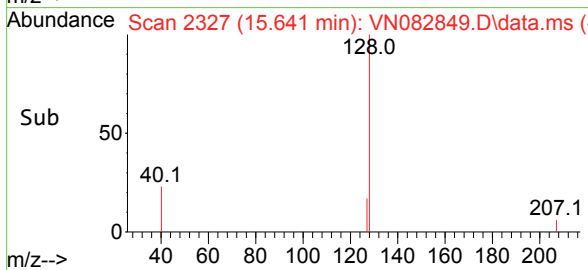
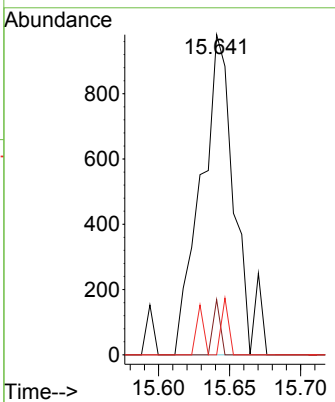
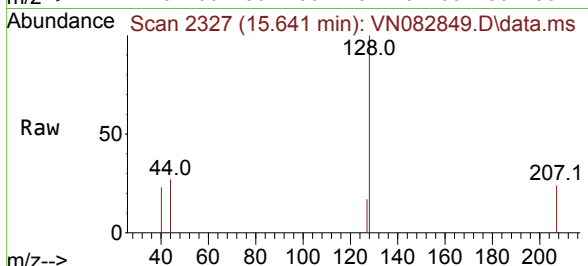




#95
 Naphthalene
 Concen: 0.372 ug/l
 RT: 15.641 min Scan# 2327
 Delta R.T. -0.000 min
 Lab File: VN082849.D
 Acq: 10 Jul 2024 12:37

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:	128	Resp:	1612
Ion	Ratio	Lower	Upper
128	100		
127	3.7	10.6	16.0#
129	3.8	8.6	12.8#



#96
 1,2,3-Trichlorobenzene
 Concen: 0.613 ug/l
 RT: 15.847 min Scan# 2362
 Delta R.T. 0.006 min
 Lab File: VN082849.D
 Acq: 10 Jul 2024 12:37

Tgt Ion:	180	Resp:	797
Ion	Ratio	Lower	Upper
180	100		
182	77.5	48.9	146.8
145	8.2	16.8	50.4#

