

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070924\
 Data File : VN082834.D
 Acq On : 09 Jul 2024 11:05
 Operator : JC\MD
 Sample : VN0709MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 10 01:18:40 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)

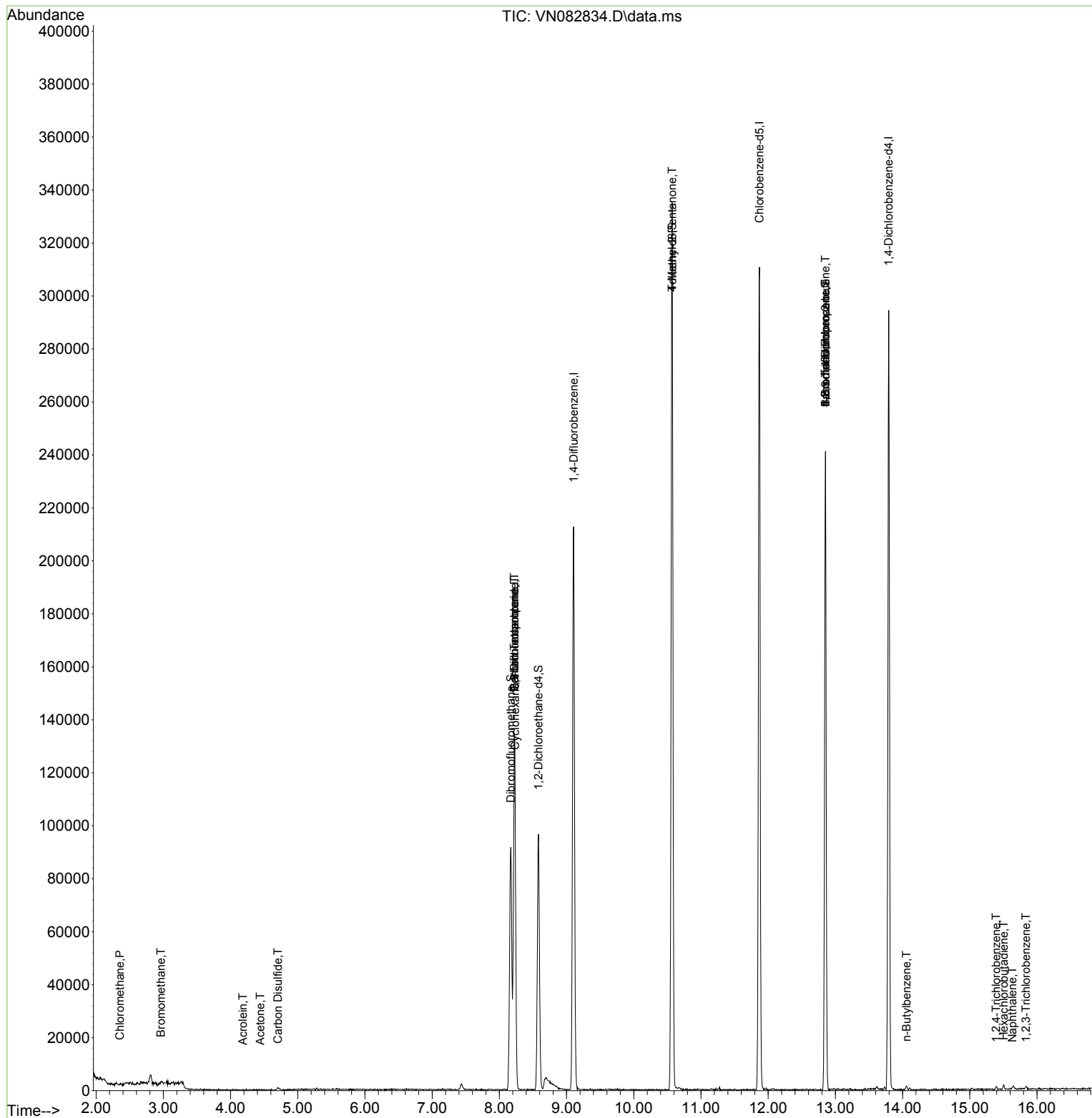
Internal Standards						
1) Pentafluorobenzene	8.224	168	93294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	178294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	175913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	75466	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	78194	59.791	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	119.580%
35) Dibromofluoromethane	8.171	113	64934	56.757	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	113.520%
50) Toluene-d8	10.571	98	227225	53.774	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.540%
62) 4-Bromofluorobenzene	12.853	95	75764	49.915	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	99.820%
Target Compounds						
					Qvalue	
3) Chloromethane	2.353	50	358	0.313	ug/l #	43
5) Bromomethane	2.965	94	560	0.646	ug/l	91
13) Acrolein	4.183	56	73	0.460	ug/l #	14
16) Acetone	4.442	43	119	0.258	ug/l #	48
17) Carbon Disulfide	4.706	76	1757	0.617	ug/l #	75
31) Cyclohexane	8.235	56	2505	1.465	ug/l #	37
36) 1,1-Dichloropropene	8.224	75	8179	5.185	ug/l #	50
38) Carbon Tetrachloride	8.224	117	10247	5.395	ug/l #	18
43) Isopropyl Acetate	8.688	43	5166	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.571	43	885	0.556	ug/l #	1
71) Bromoform	12.853	173	712	0.675	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	43418	33.371	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	43418	65.631	ug/l #	6
89) n-Butylbenzene	14.059	91	1318	0.347	ug/l #	84
93) 1,2,4-Trichlorobenzene	15.394	180	569	0.426	ug/l #	87
94) Hexachlorobutadiene	15.506	225	462	0.780	ug/l	85
95) Naphthalene	15.635	128	1902	0.415	ug/l #	73
96) 1,2,3-Trichlorobenzene	15.835	180	619	0.450	ug/l	86

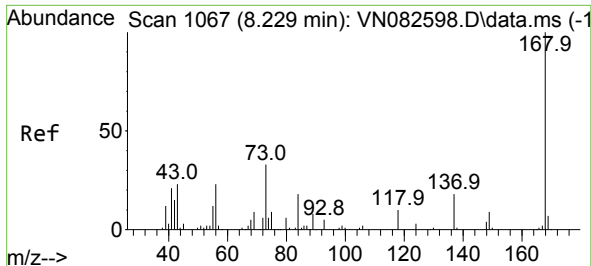
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VN0709MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
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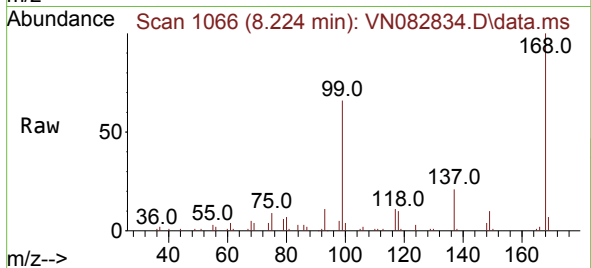
Quant Time: Jul 10 01:18:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration



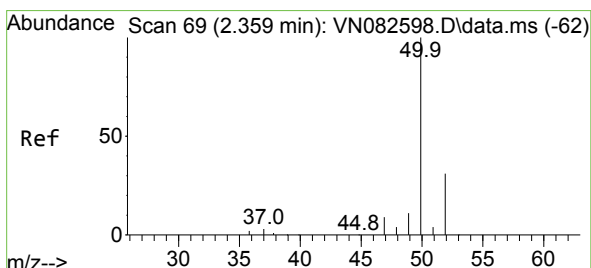
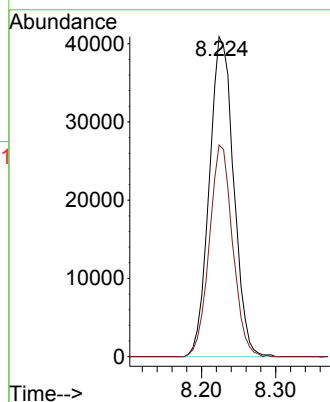
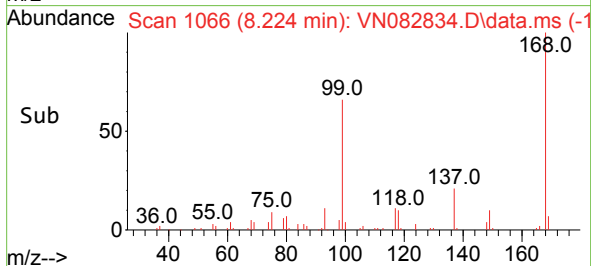


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082834.D
Acq: 09 Jul 2024 11:05

Instrument :
MSVOA_N
ClientSampleId :

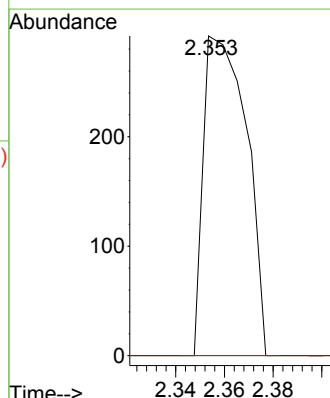
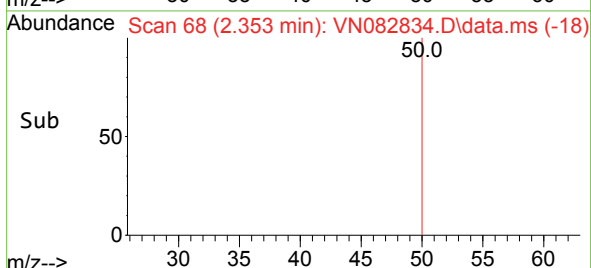
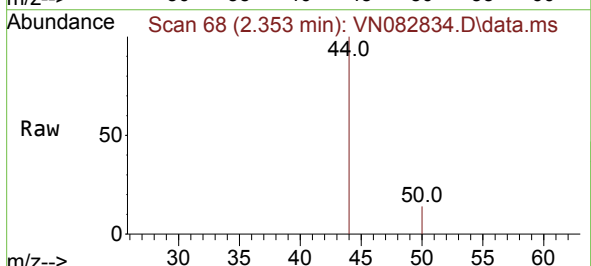


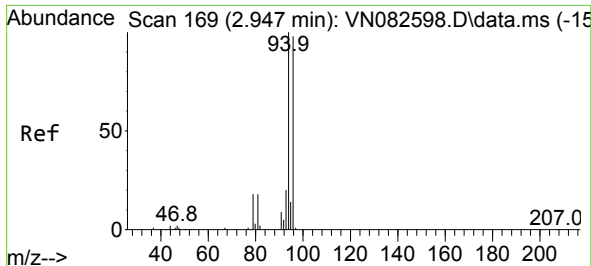
Tgt Ion:168 Resp: 93294
Ion Ratio Lower Upper
168 100
99 66.1 48.2 72.4



#3
Chloromethane
Concen: 0.313 ug/l
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN082834.D
Acq: 09 Jul 2024 11:05

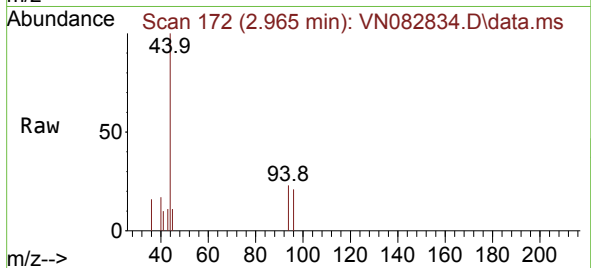
Tgt Ion: 50 Resp: 358
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



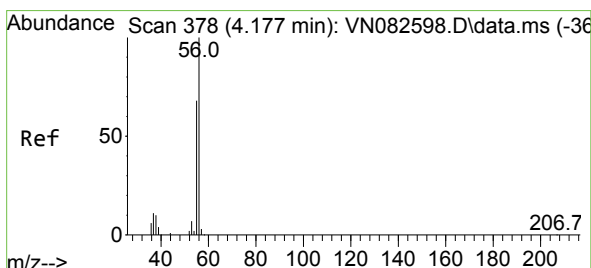
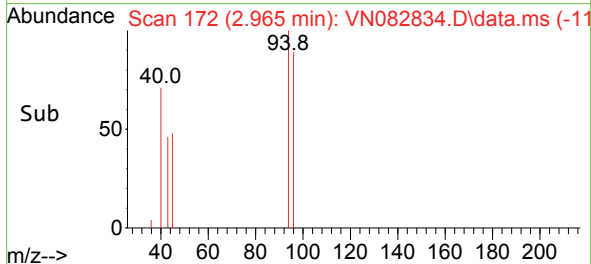
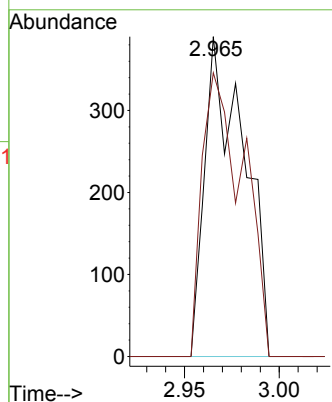


#5
Bromomethane
Concen: 0.646 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN082834.D
Acq: 09 Jul 2024 11:05

Instrument :
MSVOA_N
ClientSampleId :

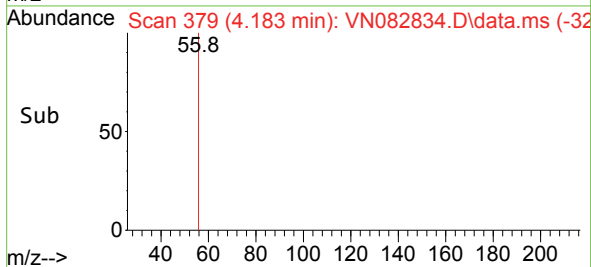
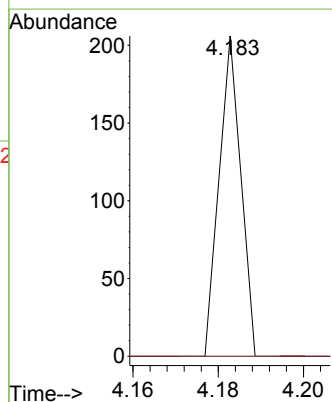
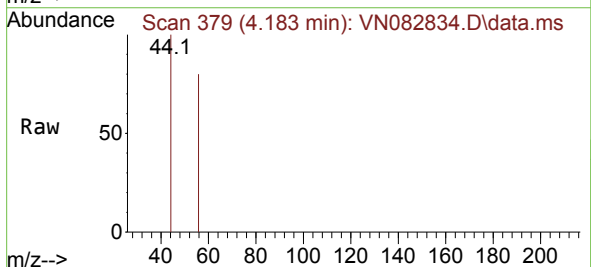


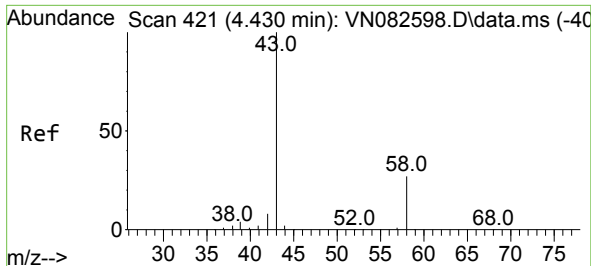
Tgt Ion: 94 Resp: 560
Ion Ratio Lower Upper
94 100
96 88.7 78.0 117.0



#13
Acrolein
Concen: 0.460 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN082834.D
Acq: 09 Jul 2024 11:05

Tgt Ion: 56 Resp: 73
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

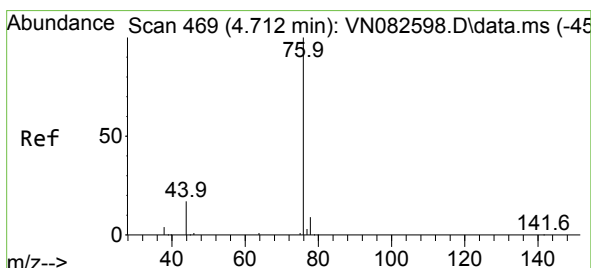
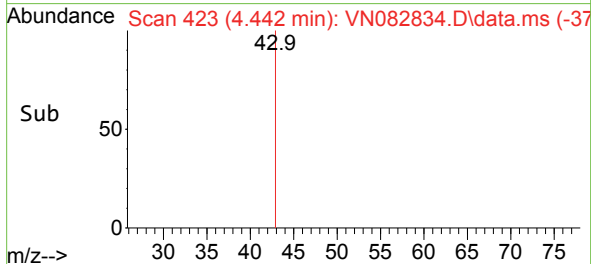
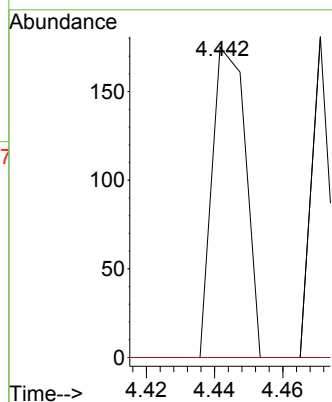
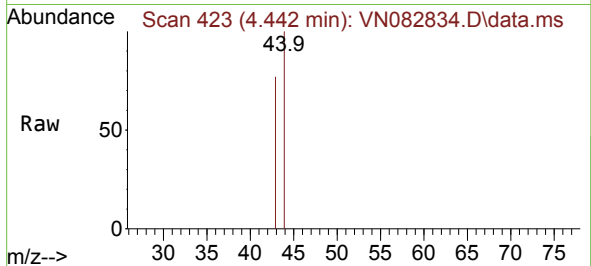




#16
Acetone
Concen: 0.258 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN082834.D
Acq: 09 Jul 2024 11:05

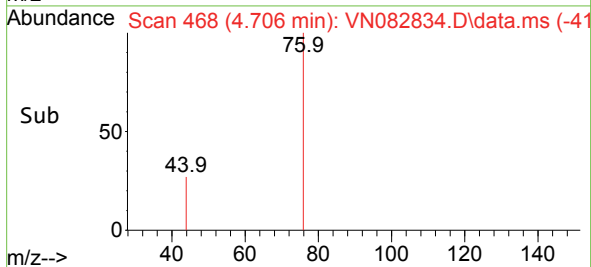
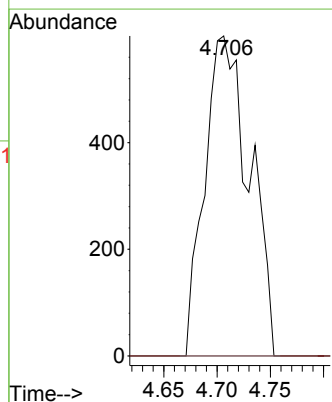
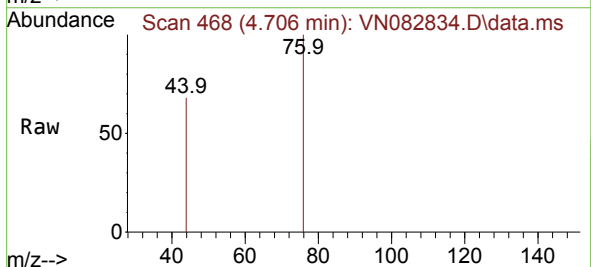
Instrument :
MSVOA_N
ClientSampleId :

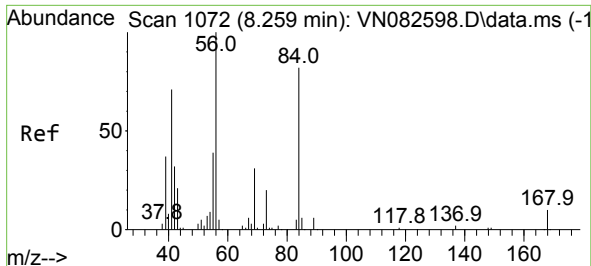
Tgt Ion: 43 Resp: 119
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#17
Carbon Disulfide
Concen: 0.617 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN082834.D
Acq: 09 Jul 2024 11:05

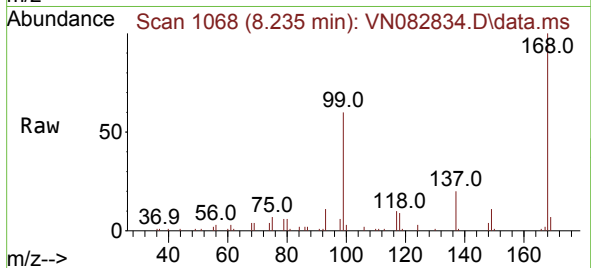
Tgt Ion: 76 Resp: 1757
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



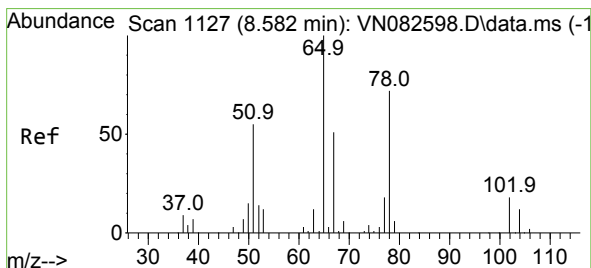
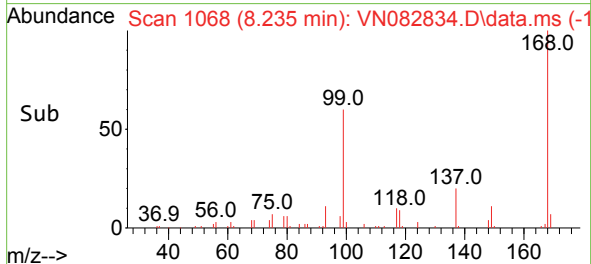
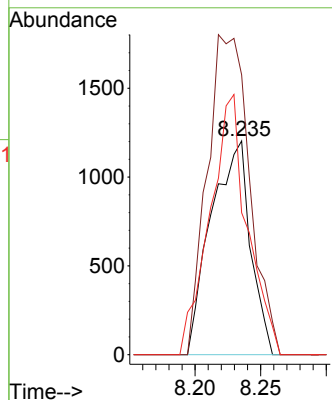


#31
Cyclohexane
Concen: 1.465 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.024 min
Lab File: VN082834.D
Acq: 09 Jul 2024 11:05

Instrument :
MSVOA_N
ClientSampleId :

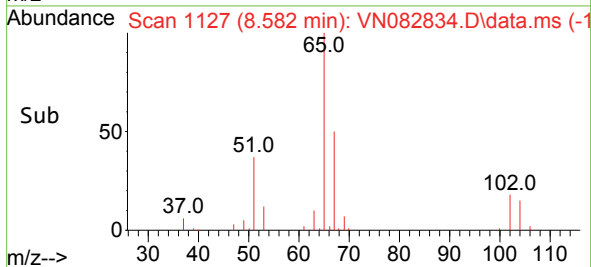
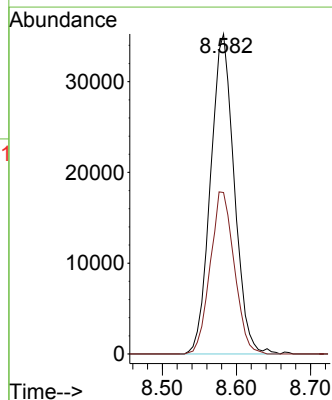
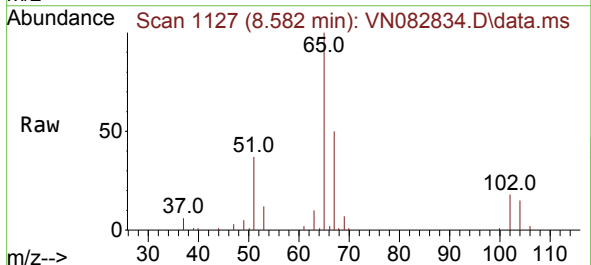


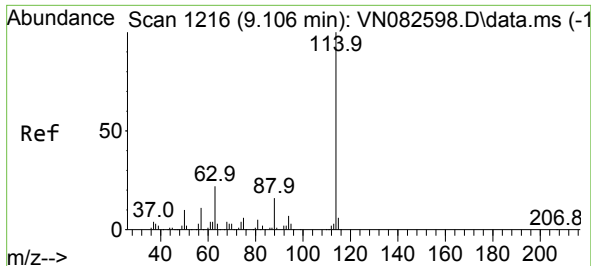
Tgt Ion: 56 Resp: 2505
Ion Ratio Lower Upper
56 100
69 130.9 24.5 36.7#
84 66.4 66.0 99.0



#33
1,2-Dichloroethane-d4
Concen: 59.791 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082834.D
Acq: 09 Jul 2024 11:05

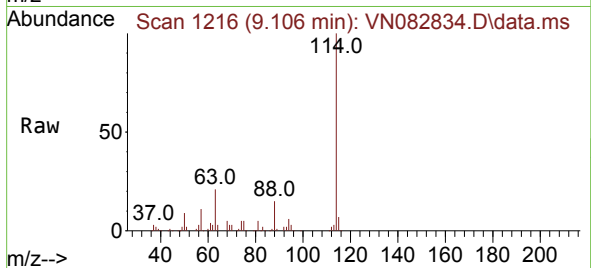
Tgt Ion: 65 Resp: 78194
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.4



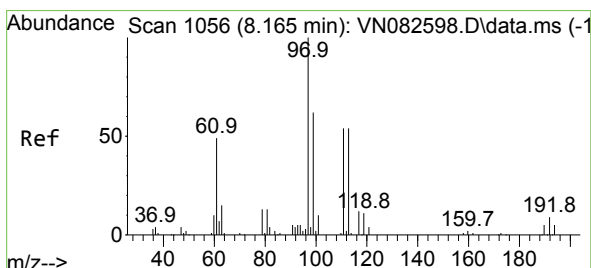
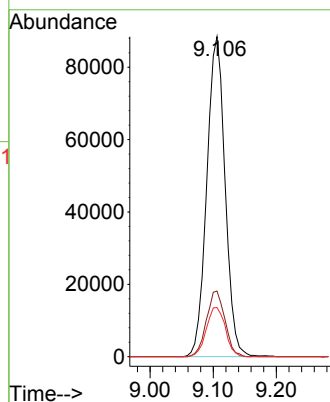
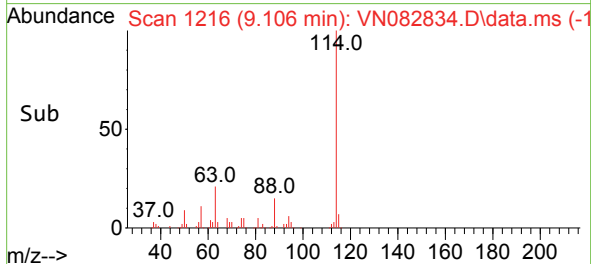


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082834.D
Acq: 09 Jul 2024 11:05

Instrument :
MSVOA_N
ClientSampleId :

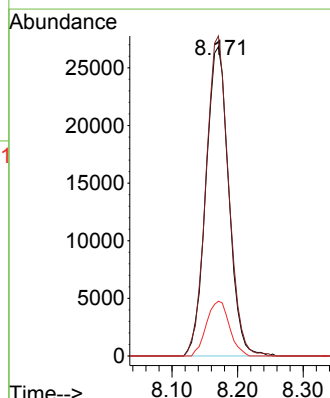
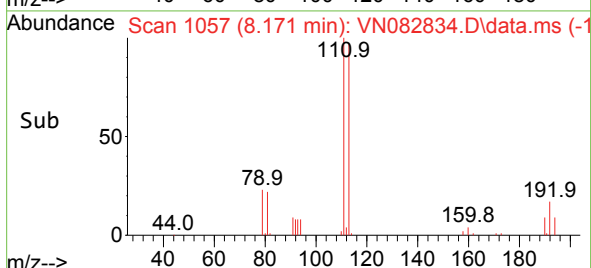
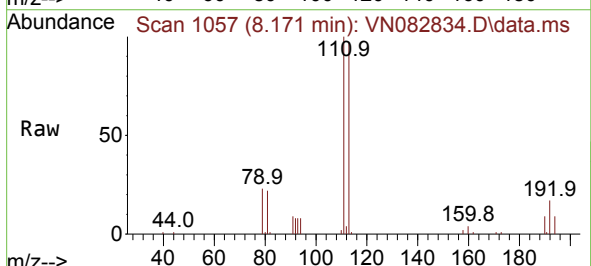


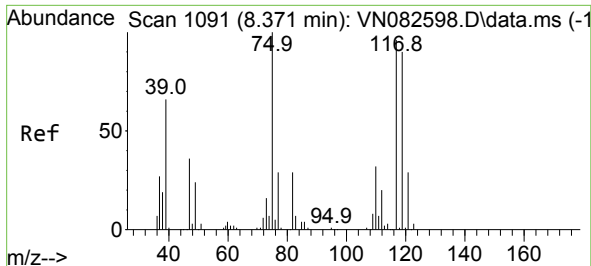
Tgt Ion:114 Resp: 178294
Ion Ratio Lower Upper
114 100
63 20.5 0.0 44.6
88 15.3 0.0 31.4



#35
Dibromofluoromethane
Concen: 56.757 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082834.D
Acq: 09 Jul 2024 11:05

Tgt Ion:113 Resp: 64934
Ion Ratio Lower Upper
113 100
111 102.7 82.4 123.6
192 17.7 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.185 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

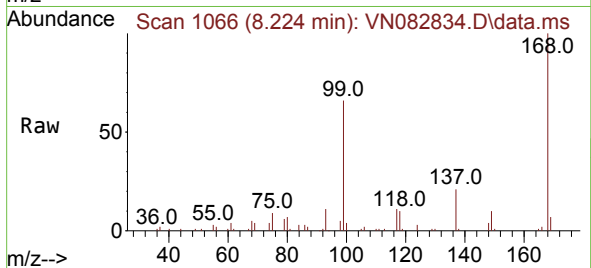
Lab File: VN082834.D

Acq: 09 Jul 2024 11:05

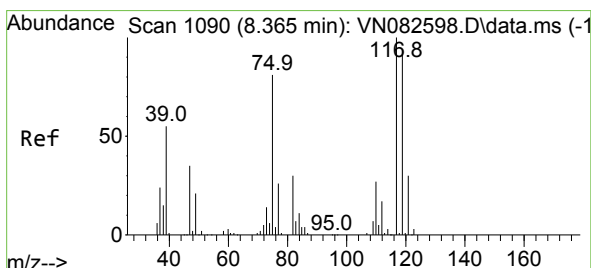
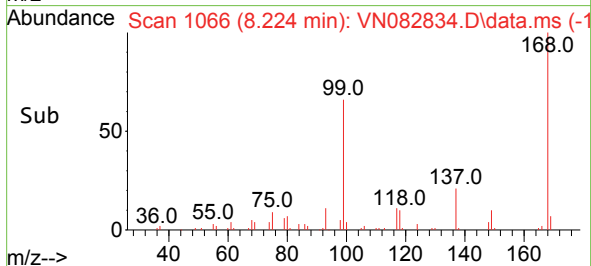
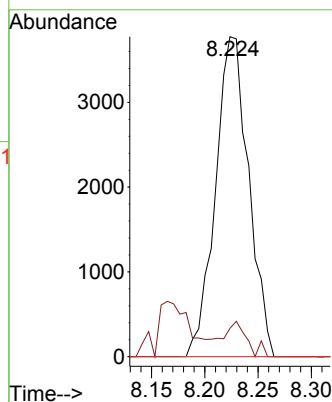
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	8179
Ion	Ratio	Lower	Upper
75	100		
110	8.0	16.3	48.9#
77	0.0	24.6	37.0#



#38

Carbon Tetrachloride

Concen: 5.395 ug/l

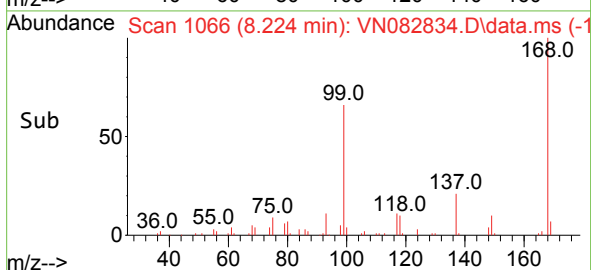
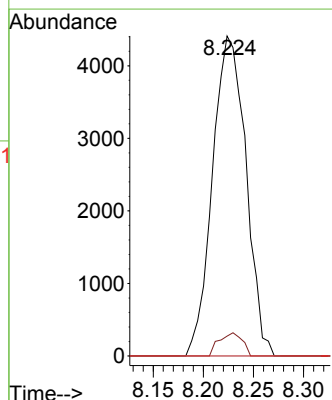
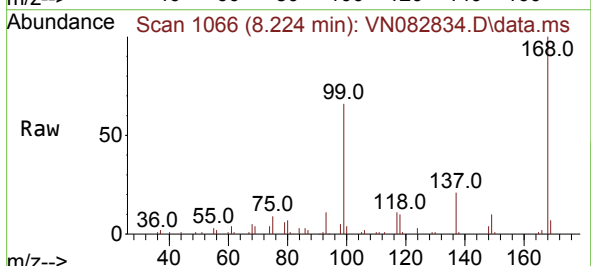
RT: 8.224 min Scan# 1066

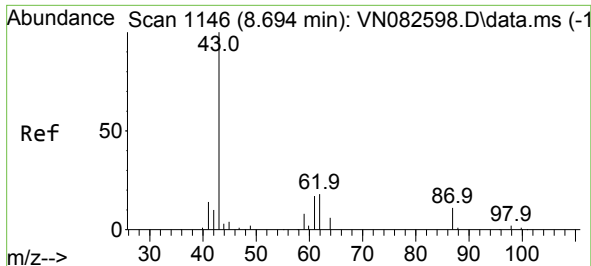
Delta R.T. -0.141 min

Lab File: VN082834.D

Acq: 09 Jul 2024 11:05

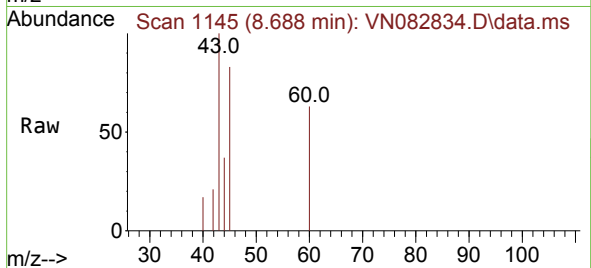
Tgt Ion:	117	Resp:	10247
Ion	Ratio	Lower	Upper
117	100		
119	6.2	74.9	112.3#
121	0.0	24.3	36.5#



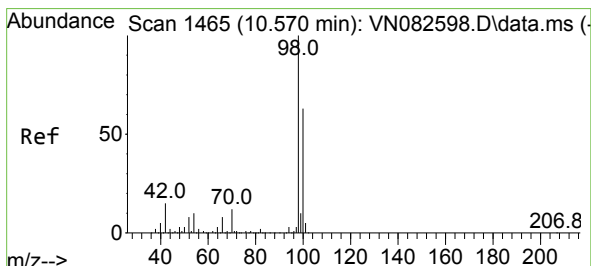
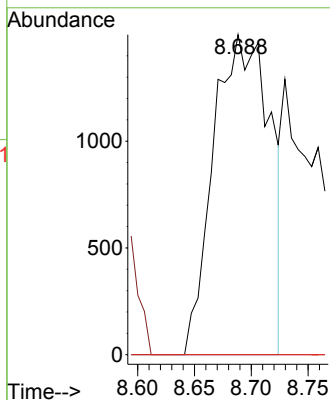
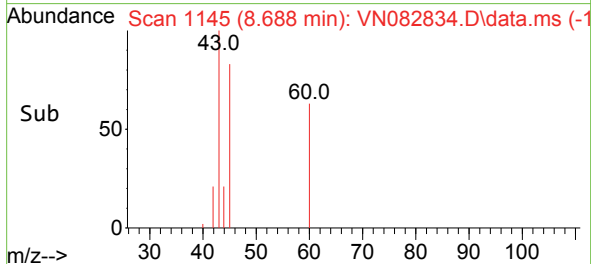


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082834.D
Acq: 09 Jul 2024 11:05

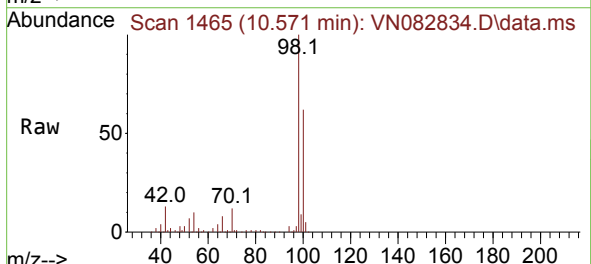
Instrument :
MSVOA_N
ClientSampleId :



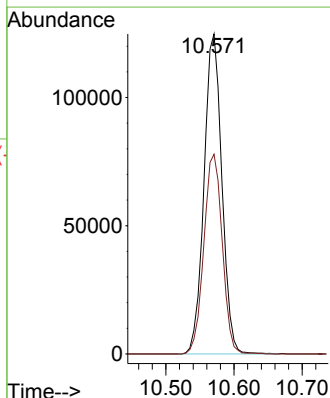
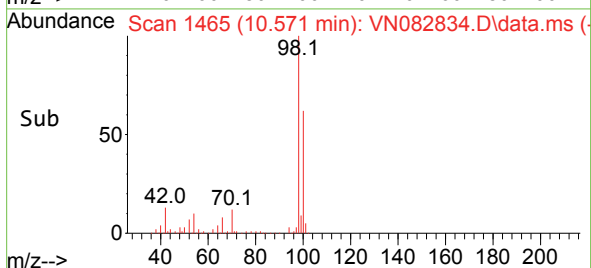
Tgt Ion: 43 Resp: 5166
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

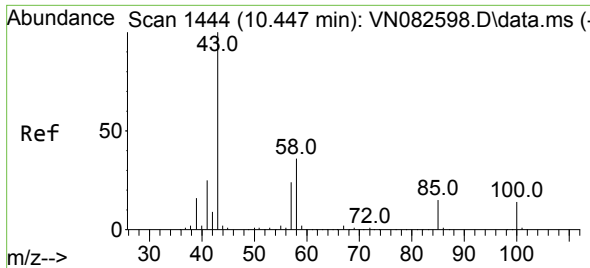


#50
Toluene-d8
Concen: 53.774 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082834.D
Acq: 09 Jul 2024 11:05



Tgt Ion: 98 Resp: 227225
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3

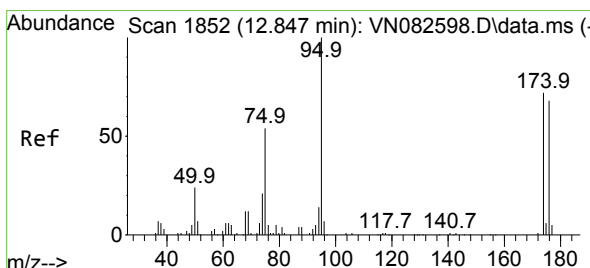
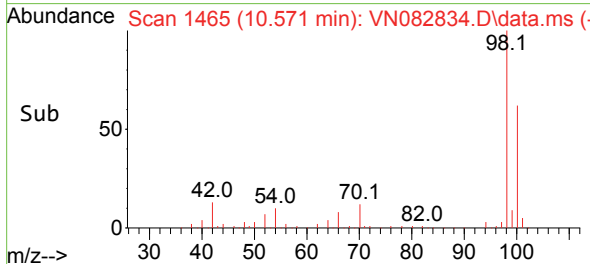
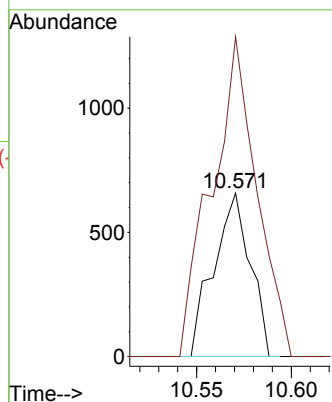
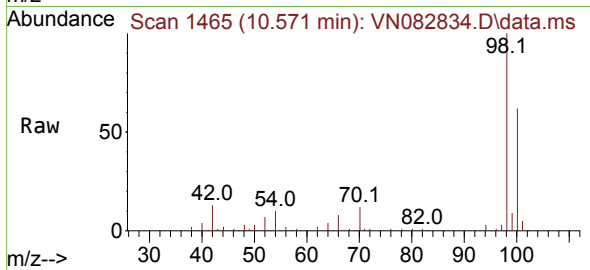




#51
4-Methyl-2-Pentanone
Concen: 0.556 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.124 min
Lab File: VN082834.D
Acq: 09 Jul 2024 11:05

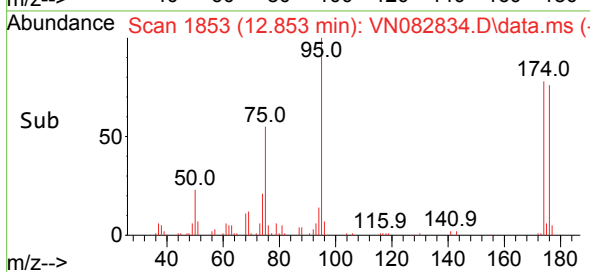
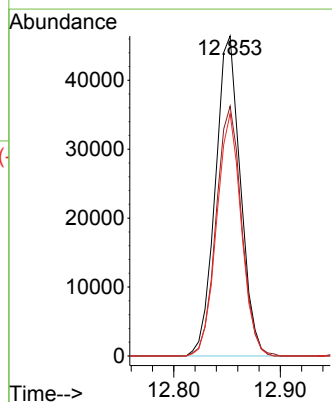
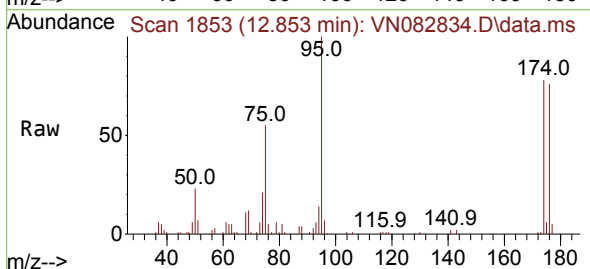
Instrument :
MSVOA_N
ClientSampleId :

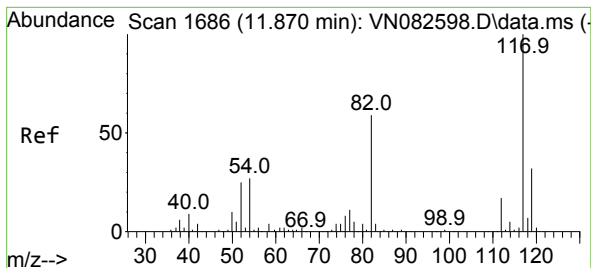
Tgt Ion: 43 Resp: 885
Ion Ratio Lower Upper
43 100
58 240.2 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 49.915 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082834.D
Acq: 09 Jul 2024 11:05

Tgt Ion: 95 Resp: 75764
Ion Ratio Lower Upper
95 100
174 79.1 0.0 159.2
176 74.5 0.0 147.6

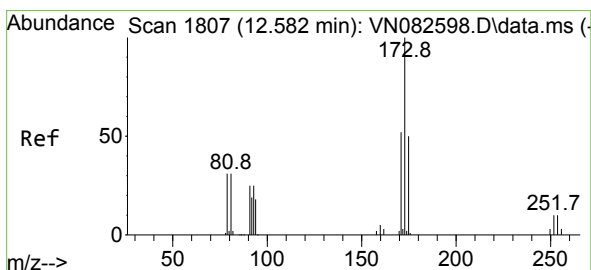
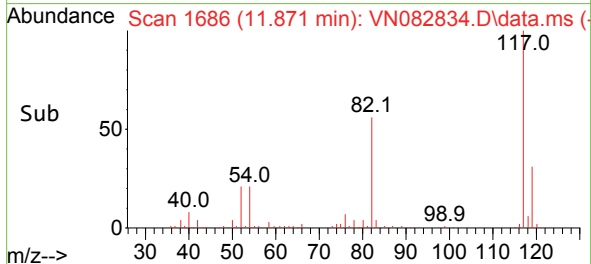
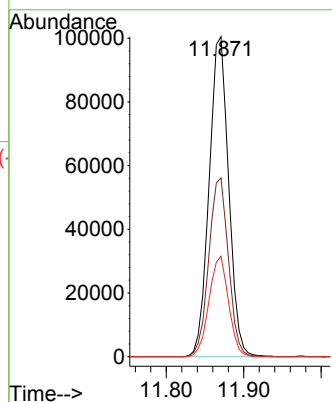
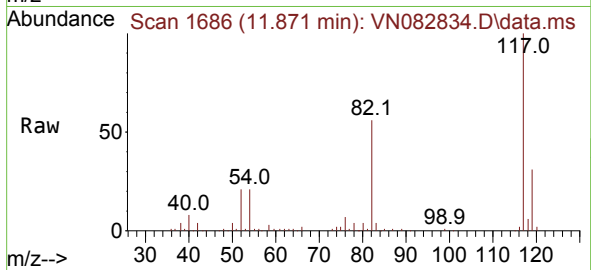




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.001 min
Lab File: VN082834.D
Acq: 09 Jul 2024 11:05

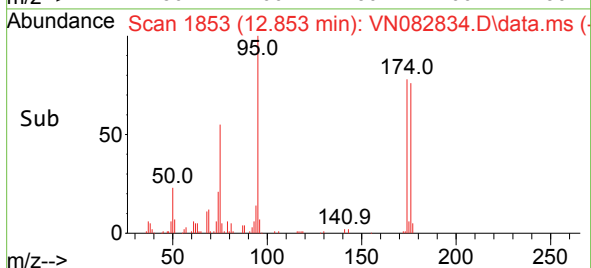
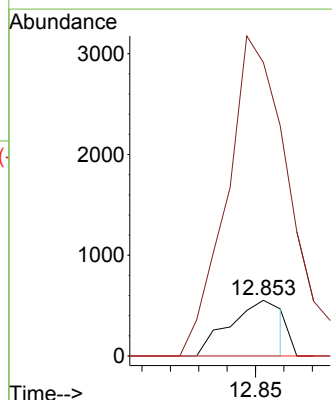
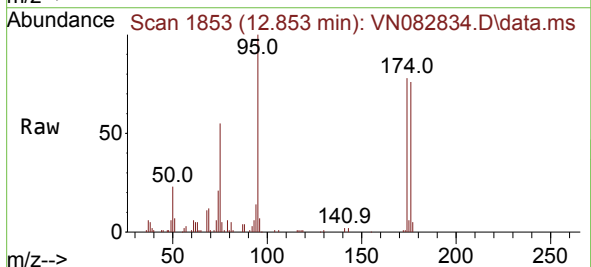
Instrument :
MSVOA_N
ClientSampleId :

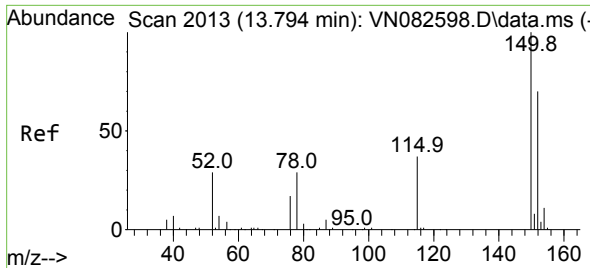
Tgt Ion:117 Resp: 175913
Ion Ratio Lower Upper
117 100
82 55.8 47.5 71.3
119 31.4 25.6 38.4



#71
Bromoform
Concen: 0.675 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN082834.D
Acq: 09 Jul 2024 11:05

Tgt Ion:173 Resp: 712
Ion Ratio Lower Upper
173 100
175 566.4 24.0 72.0#
254 0.0 0.0 0.0

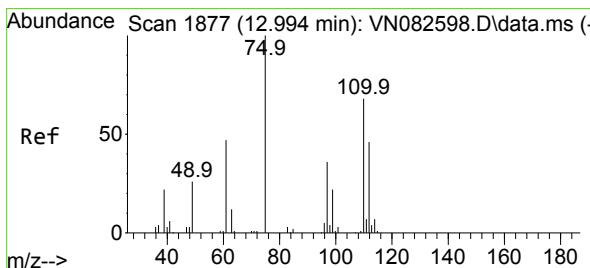
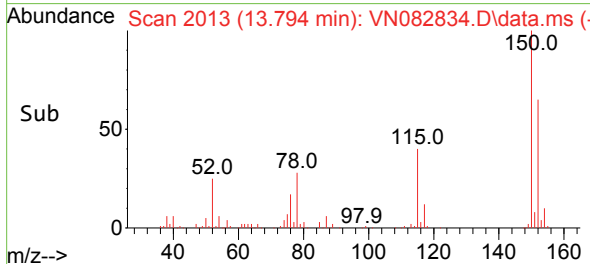
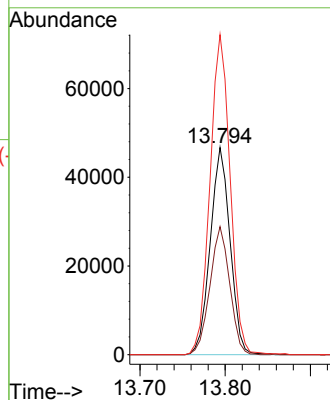
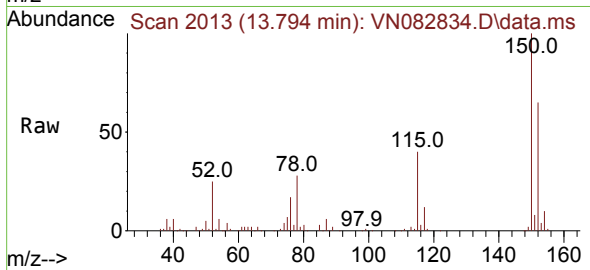




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082834.D
 Acq: 09 Jul 2024 11:05

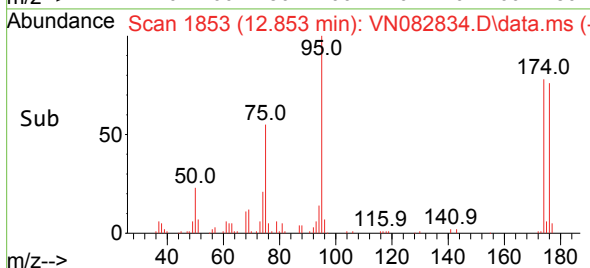
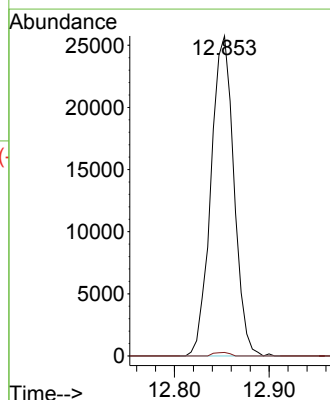
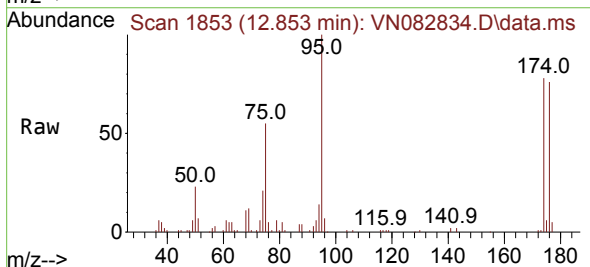
Instrument :
 MSVOA_N
 ClientSampleId :

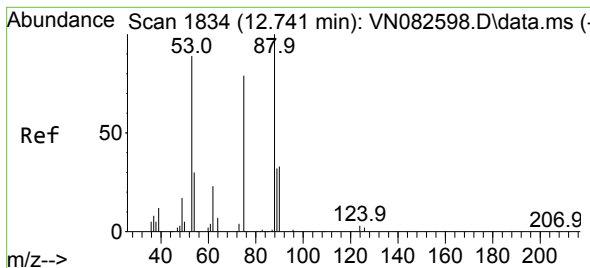
Tgt Ion:152 Resp: 75466
 Ion Ratio Lower Upper
 152 100
 115 61.7 30.6 91.6
 150 156.9 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 33.371 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN082834.D
 Acq: 09 Jul 2024 11:05

Tgt Ion: 75 Resp: 43418
 Ion Ratio Lower Upper
 75 100
 77 0.8 110.9 332.6#

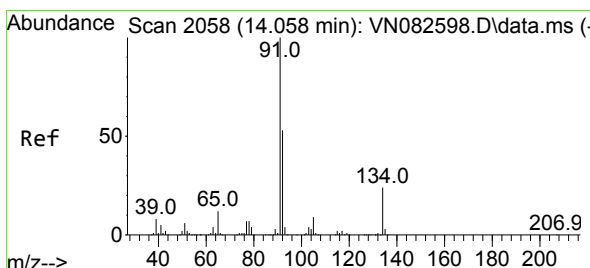
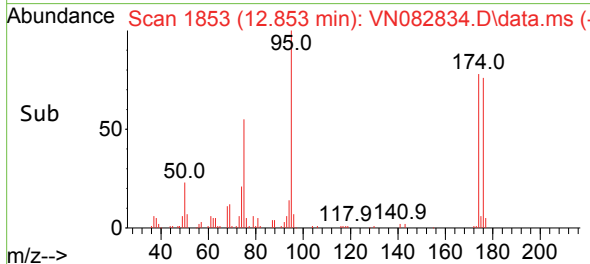
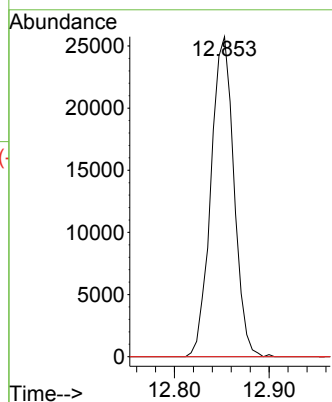
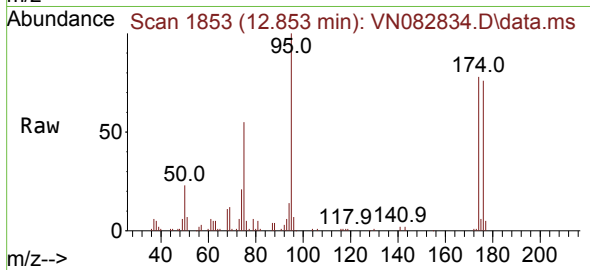




#81
trans-1,4-Dichloro-2-butene
Concen: 65.631 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN082834.D
Acq: 09 Jul 2024 11:05

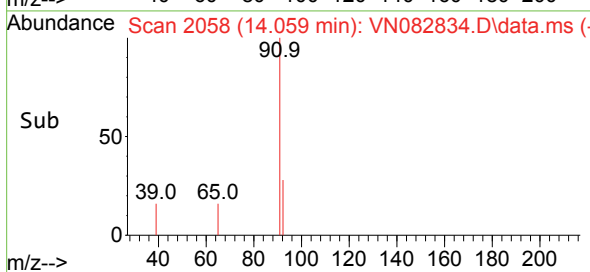
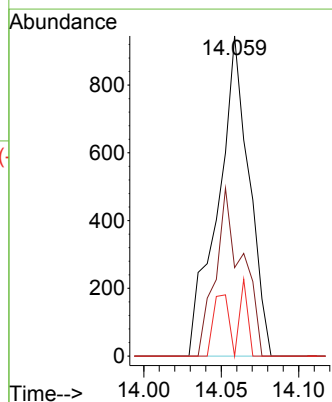
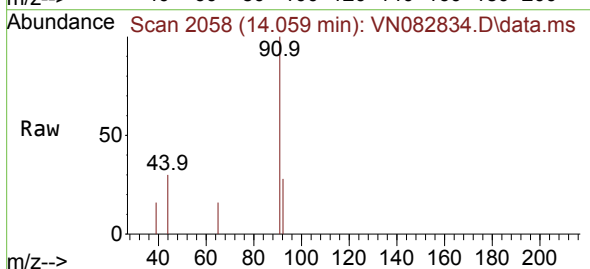
Instrument :
MSVOA_N
ClientSampleId :

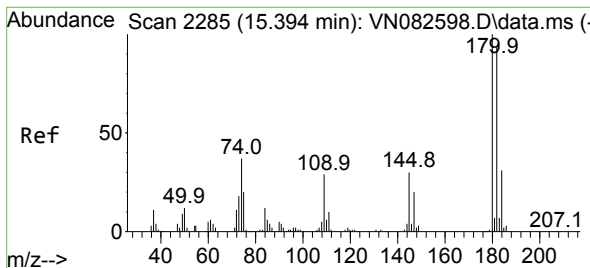
Tgt Ion: 75 Resp: 43418
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#



#89
n-Butylbenzene
Concen: 0.347 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.001 min
Lab File: VN082834.D
Acq: 09 Jul 2024 11:05

Tgt Ion: 91 Resp: 1318
Ion Ratio Lower Upper
91 100
92 44.9 26.1 78.3
134 9.6 12.1 36.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.426 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

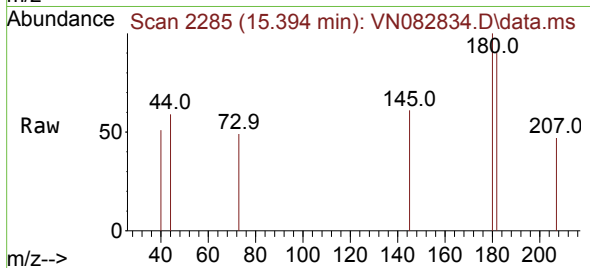
Lab File: VN082834.D

Acq: 09 Jul 2024 11:05

Instrument :

MSVOA_N

ClientSampleId :



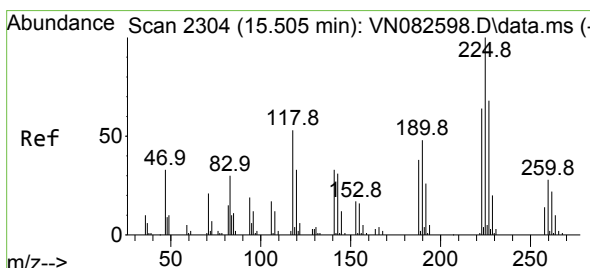
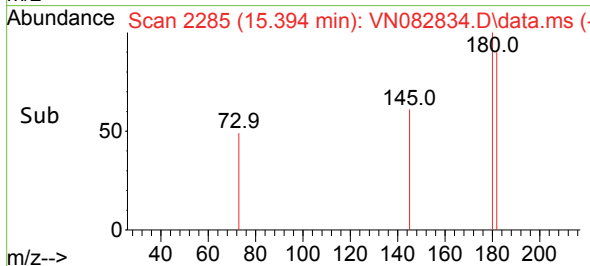
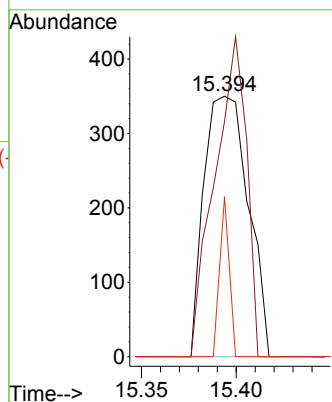
Tgt Ion:180 Resp: 569

Ion Ratio Lower Upper

180 100

182 88.0 47.3 141.8

145 13.4 15.7 47.1#



#94

Hexachlorobutadiene

Concen: 0.780 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.001 min

Lab File: VN082834.D

Acq: 09 Jul 2024 11:05

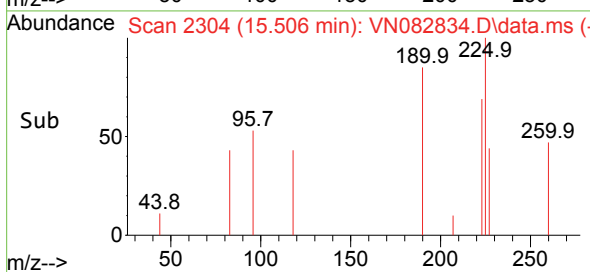
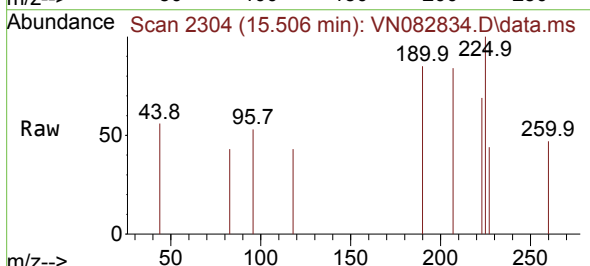
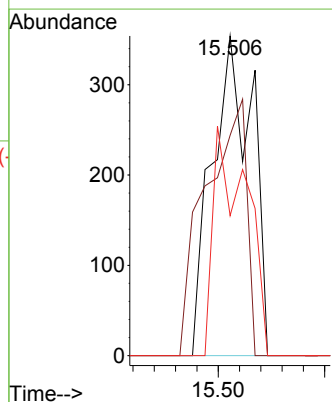
Tgt Ion:225 Resp: 462

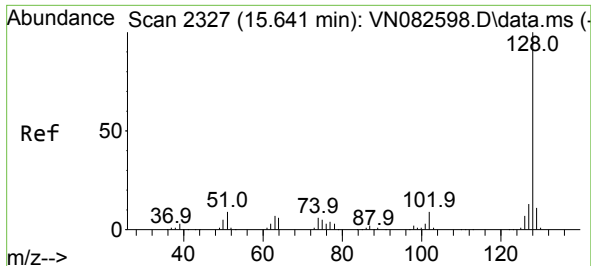
Ion Ratio Lower Upper

225 100

223 81.8 31.9 95.7

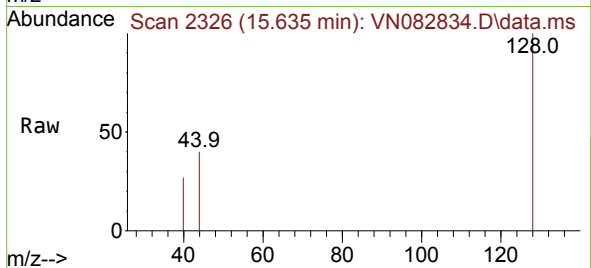
227 59.5 32.5 97.5



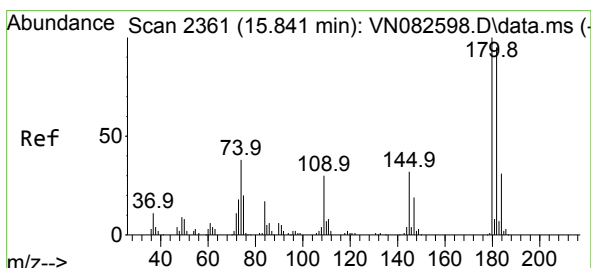
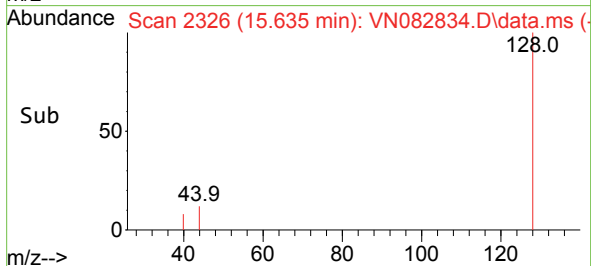
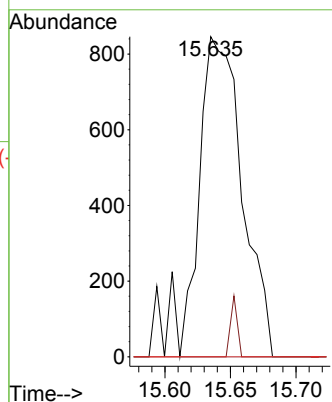


#95
Naphthalene
Concen: 0.415 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN082834.D
Acq: 09 Jul 2024 11:05

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 1902
Ion Ratio Lower Upper
128 100
127 3.0 10.6 16.0#
129 0.0 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.450 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.006 min
Lab File: VN082834.D
Acq: 09 Jul 2024 11:05

Tgt Ion:180 Resp: 619
Ion Ratio Lower Upper
180 100
182 85.1 48.9 146.8
145 23.9 16.8 50.4

