

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061424\
 Data File : VN082587.D
 Acq On : 14 Jun 2024 16:52
 Operator : JC\MD
 Sample : P2891-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

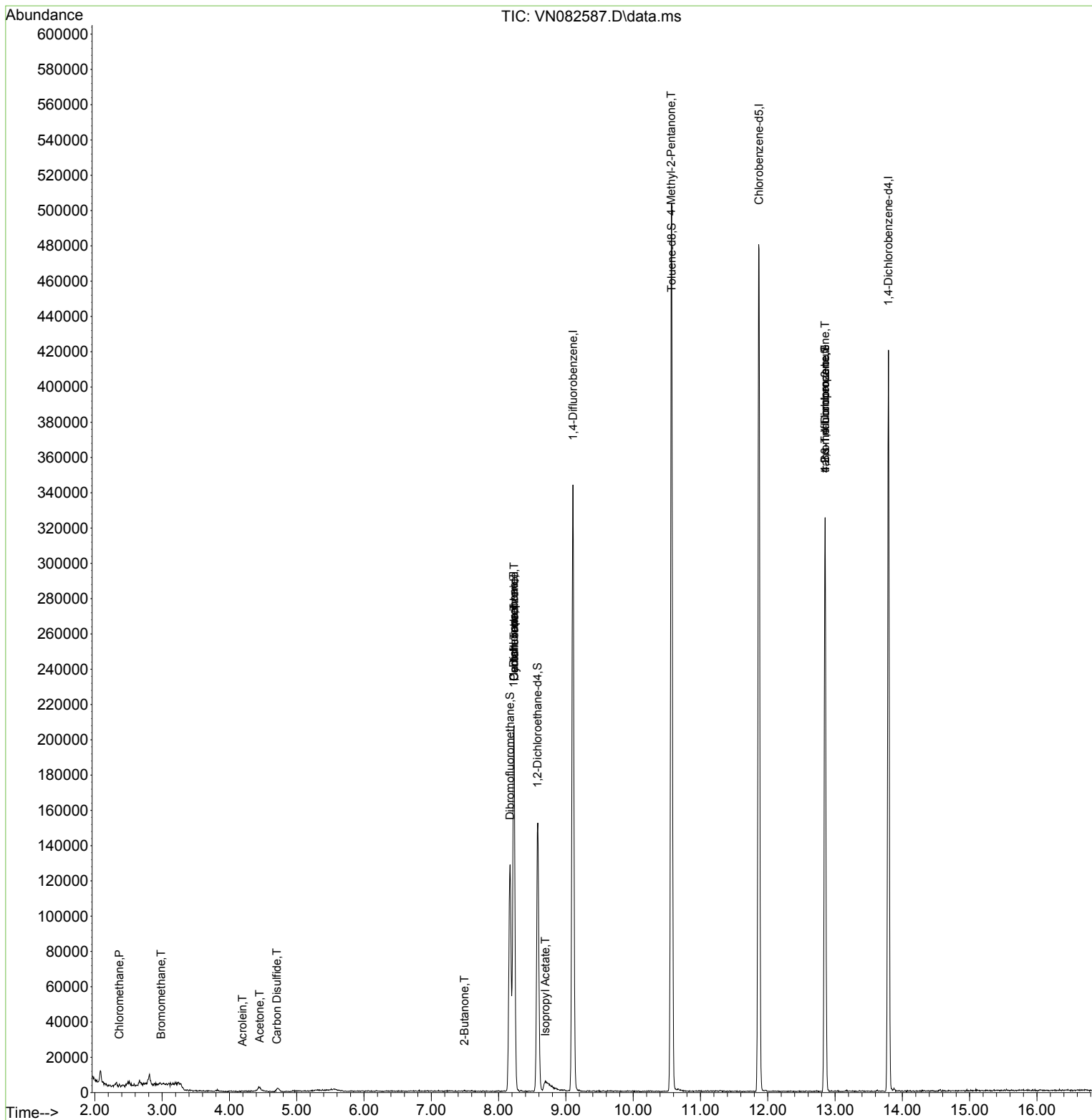
Quant Time: Jun 14 23:48:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.229	168	144653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	268347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	255695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126636	55.442	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.880%	
35) Dibromofluoromethane	8.171	113	90357	54.737	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.480%	
50) Toluene-d8	10.570	98	323457	51.108	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.220%	
62) 4-Bromofluorobenzene	12.853	95	102940	45.571	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 91.140%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1032	0.437	ug/l #	78
5) Bromomethane	2.983	94	477	0.373	ug/l #	3
13) Acrolein	4.194	56	55	0.202	ug/l #	15
16) Acetone	4.447	43	5090	5.432	ug/l #	82
17) Carbon Disulfide	4.706	76	2102	0.412	ug/l #	74
25) 2-Butanone	7.494	43	340	0.239	ug/l #	43
31) Cyclohexane	8.229	56	4254	1.166	ug/l #	54
36) 1,1-Dichloropropene	8.224	75	13377	4.832	ug/l #	49
38) Carbon Tetrachloride	8.229	117	15546	5.539	ug/l #	17
43) Isopropyl Acetate	8.694	43	3537	0.644	ug/l #	52
51) 4-Methyl-2-Pentanone	10.565	43	2146	0.688	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	59745	28.137	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	59745	65.810	ug/l #	13

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

Quant Time: Jun 14 23:48:15 2024
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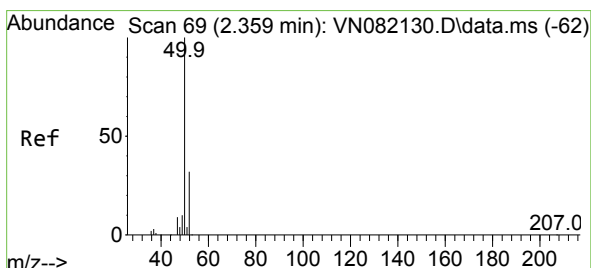
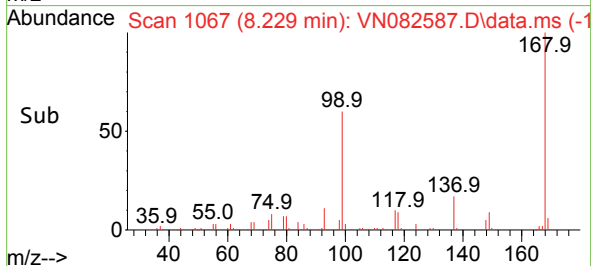
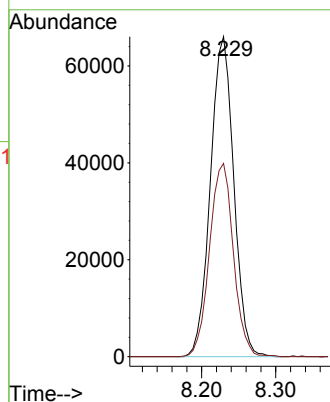
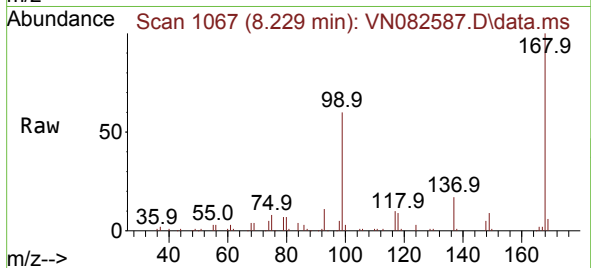




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN082587.D
Acq: 14 Jun 2024 16:52

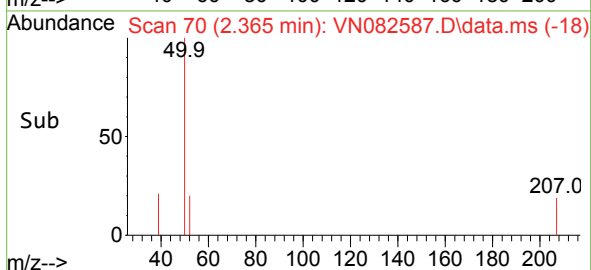
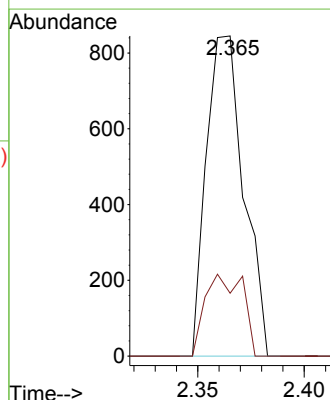
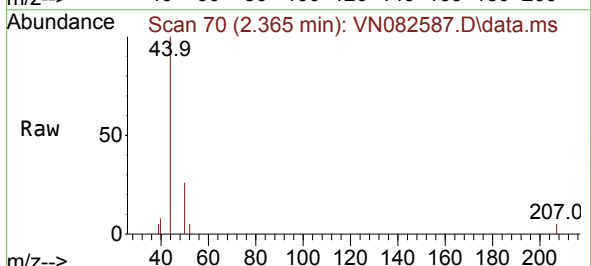
Instrument :
MSVOA_N
ClientSampleId :

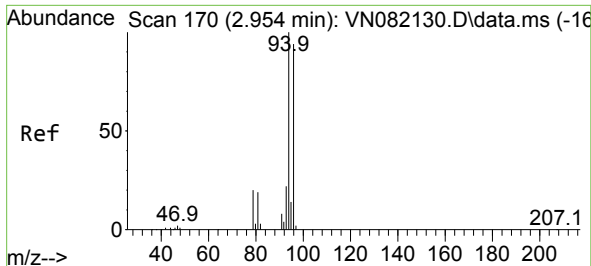
Tgt Ion:168 Resp: 144653
Ion Ratio Lower Upper
168 100
99 60.4 48.2 72.4



#3
Chloromethane
Concen: 0.437 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082587.D
Acq: 14 Jun 2024 16:52

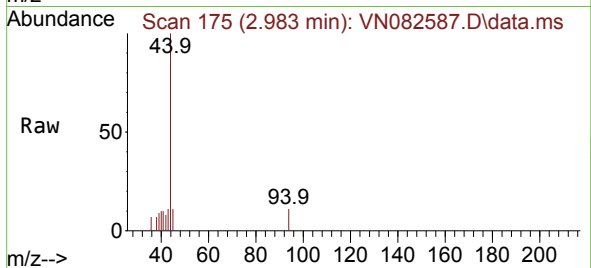
Tgt Ion: 50 Resp: 1032
Ion Ratio Lower Upper
50 100
52 19.6 25.5 38.3#



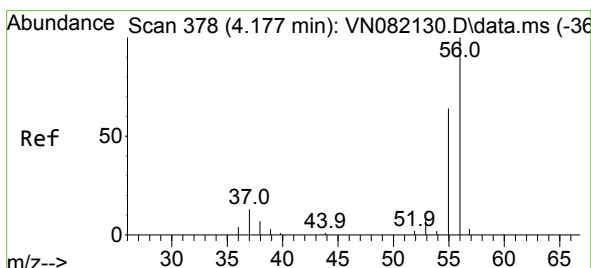
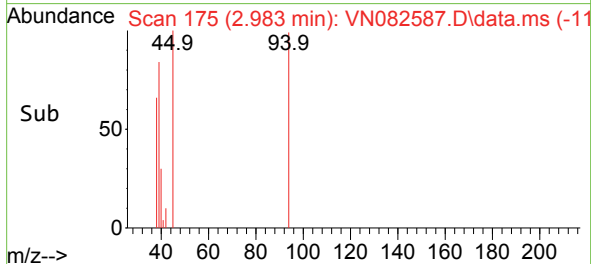
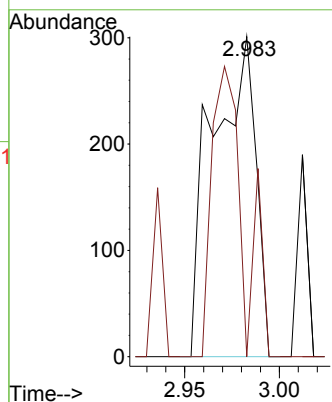


#5
Bromomethane
Concen: 0.373 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN082587.D
Acq: 14 Jun 2024 16:52

Instrument :
MSVOA_N
ClientSampleId :

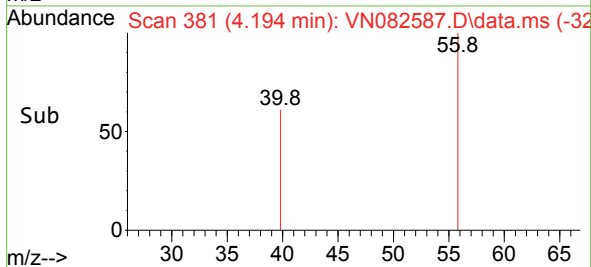
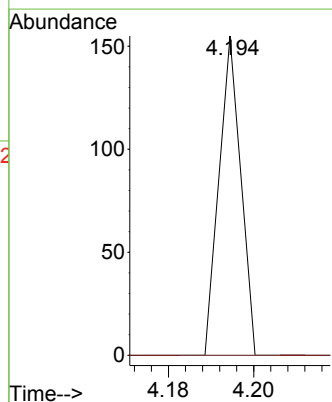
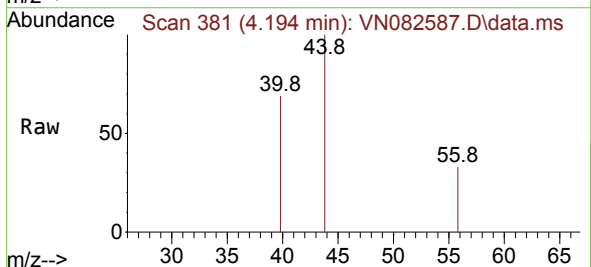


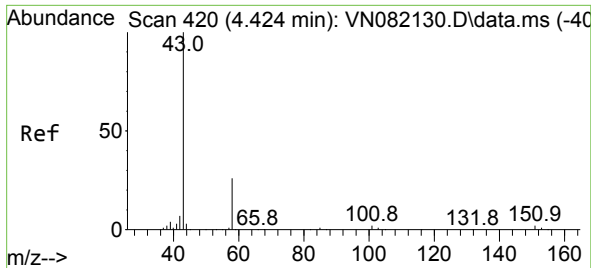
Tgt Ion: 94 Resp: 477
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#



#13
Acrolein
Concen: 0.202 ug/l
RT: 4.194 min Scan# 381
Delta R.T. 0.017 min
Lab File: VN082587.D
Acq: 14 Jun 2024 16:52

Tgt Ion: 56 Resp: 55
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#

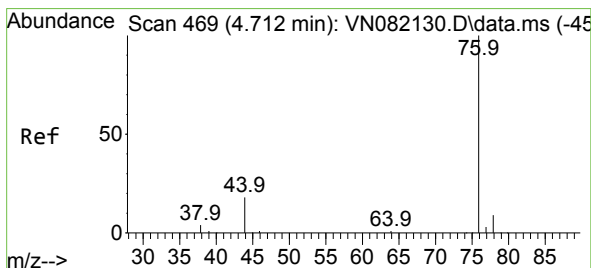
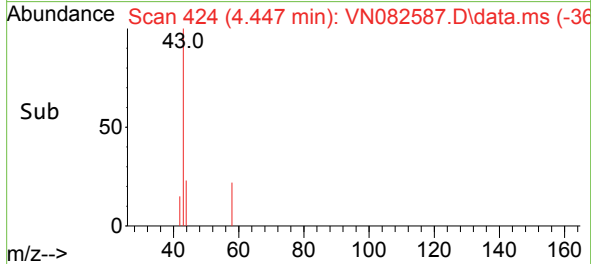
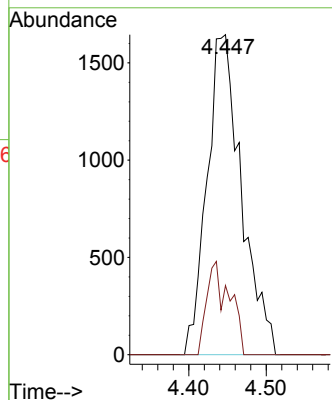
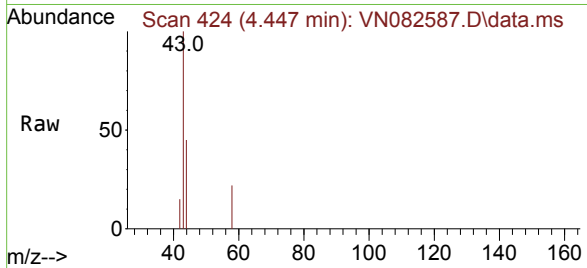




#16
Acetone
Concen: 5.432 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.023 min
Lab File: VN082587.D
Acq: 14 Jun 2024 16:52

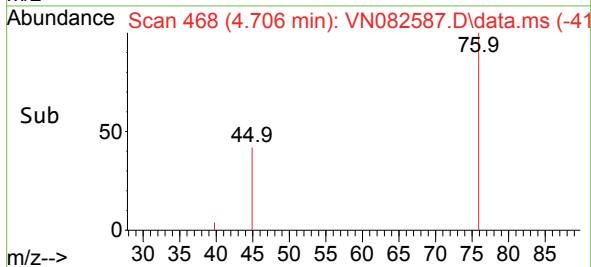
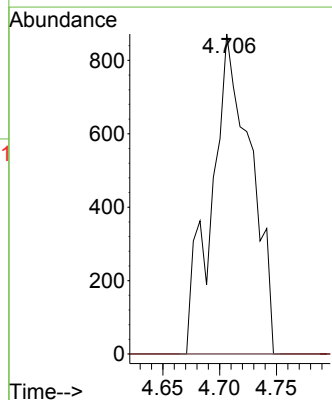
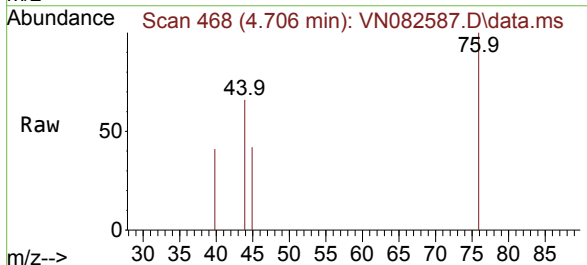
Instrument :
MSVOA_N
ClientSampleId :

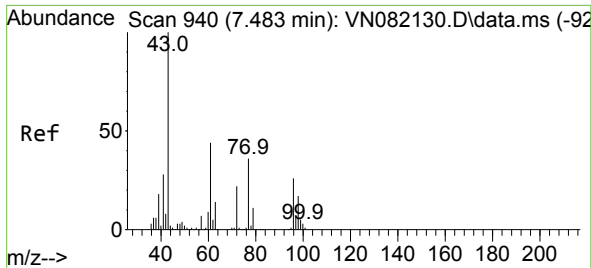
Tgt Ion: 43 Resp: 5090
Ion Ratio Lower Upper
43 100
58 21.6 25.2 37.8#



#17
Carbon Disulfide
Concen: 0.412 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN082587.D
Acq: 14 Jun 2024 16:52

Tgt Ion: 76 Resp: 2102
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

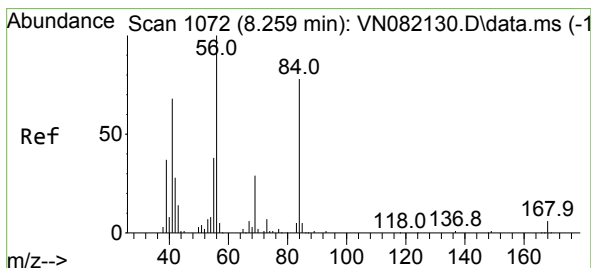
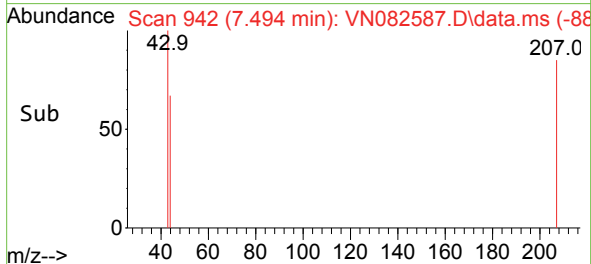
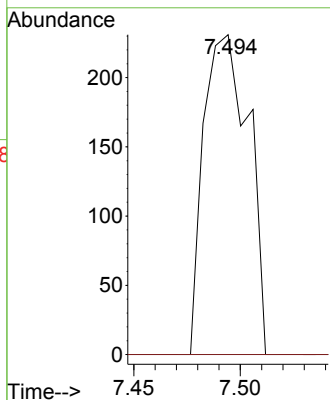
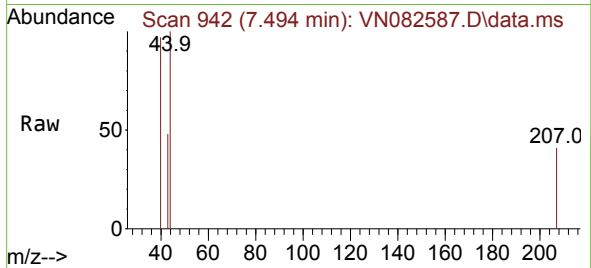




#25
2-Butanone
Concen: 0.239 ug/l
RT: 7.494 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN082587.D
Acq: 14 Jun 2024 16:52

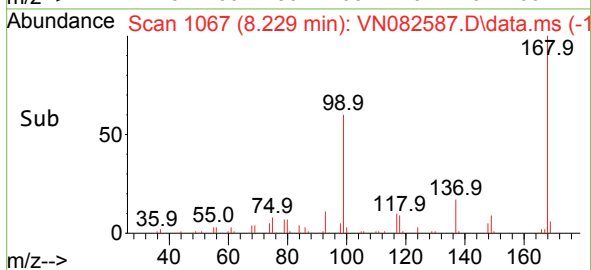
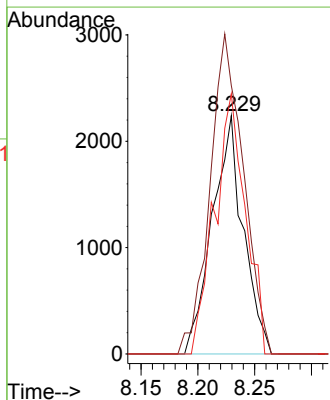
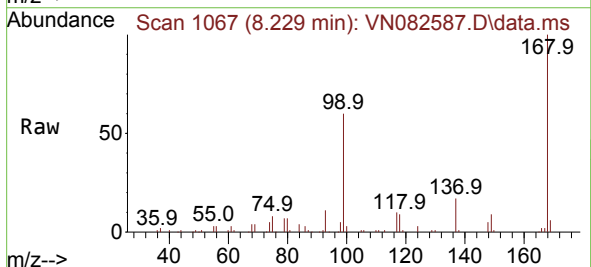
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 340
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#



#31
Cyclohexane
Concen: 1.166 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN082587.D
Acq: 14 Jun 2024 16:52

Tgt Ion: 56 Resp: 4254
Ion Ratio Lower Upper
56 100
69 112.6 24.4 36.6#
84 109.2 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 55.442 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

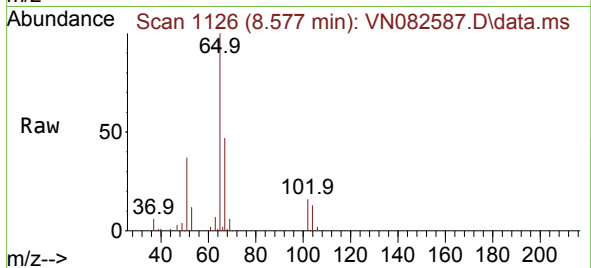
Lab File: VN082587.D

Acq: 14 Jun 2024 16:52

Instrument :

MSVOA_N

ClientSampleId :

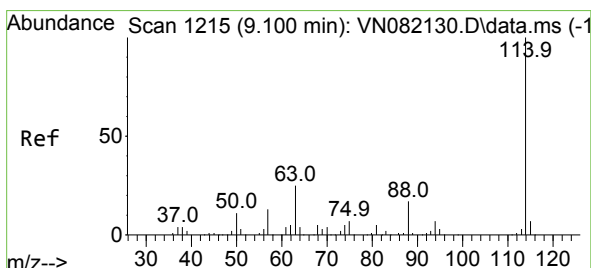
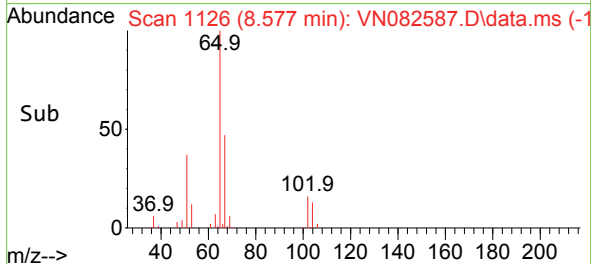
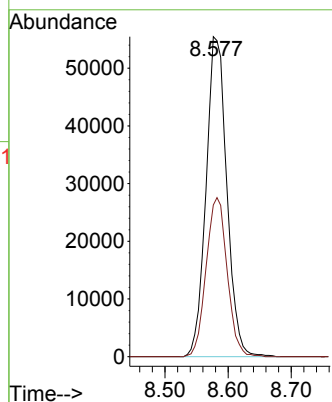


Tgt Ion: 65 Resp: 126636

Ion Ratio Lower Upper

65 100

67 50.4 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082587.D

Acq: 14 Jun 2024 16:52

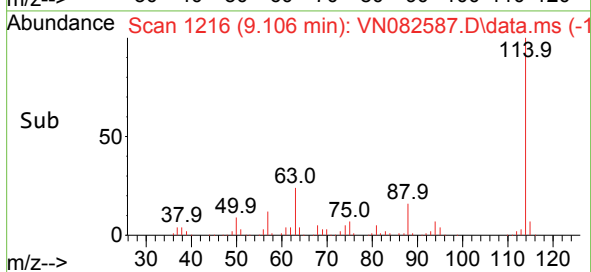
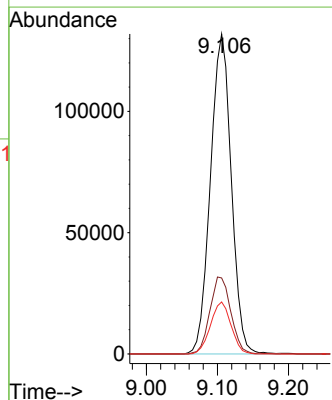
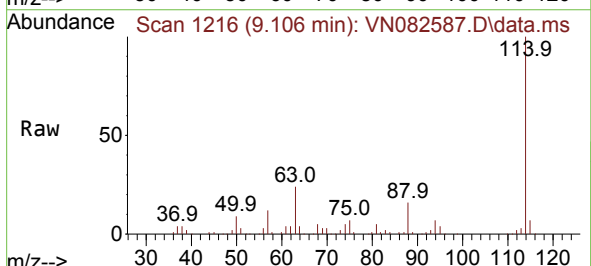
Tgt Ion: 114 Resp: 268347

Ion Ratio Lower Upper

114 100

63 23.8 0.0 41.0

88 16.3 0.0 31.4

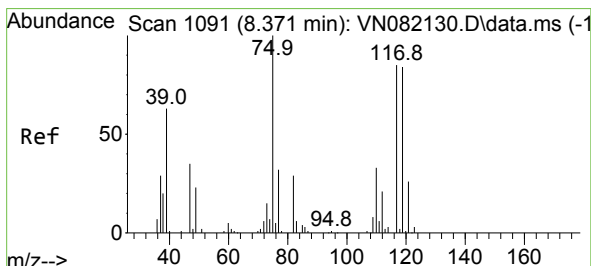
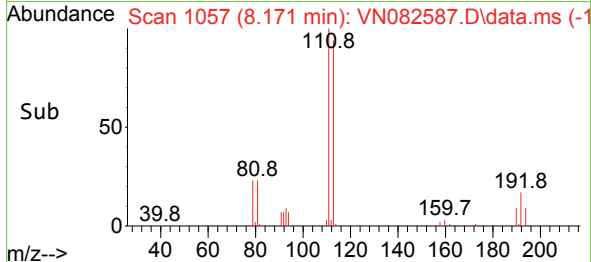
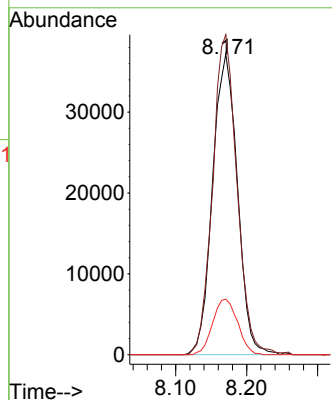
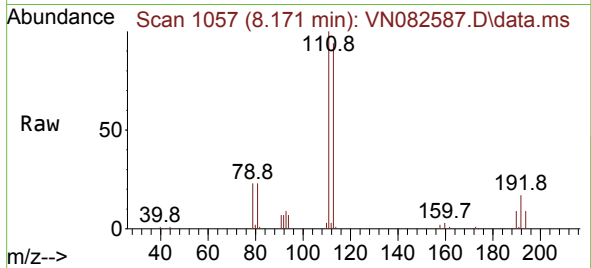




#35
Dibromofluoromethane
Concen: 54.737 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082587.D
Acq: 14 Jun 2024 16:52

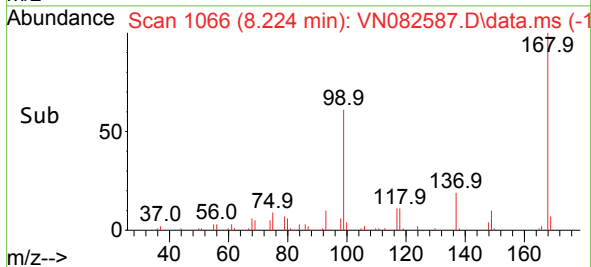
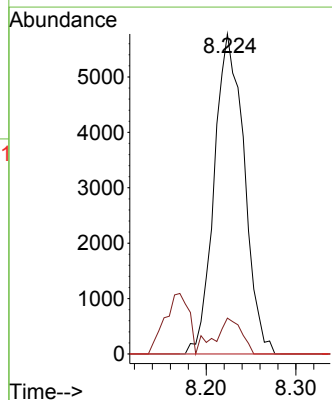
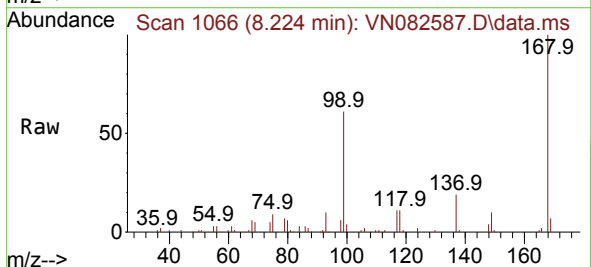
Instrument :
MSVOA_N
ClientSampleId :

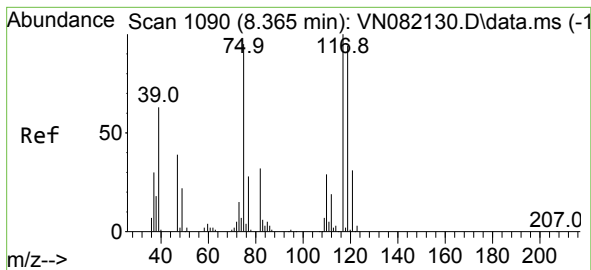
Tgt Ion:113 Resp: 90357
Ion Ratio Lower Upper
113 100
111 104.3 83.4 125.2
192 18.5 14.0 21.0



#36
1,1-Dichloropropene
Concen: 4.832 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082587.D
Acq: 14 Jun 2024 16:52

Tgt Ion: 75 Resp: 13377
Ion Ratio Lower Upper
75 100
110 8.6 17.8 53.5#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.539 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.135 min

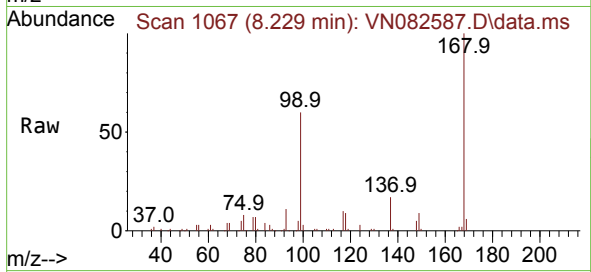
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Acq: 14 Jun 2024 16:52

Instrument :

MSVOA_N

ClientSampleId :



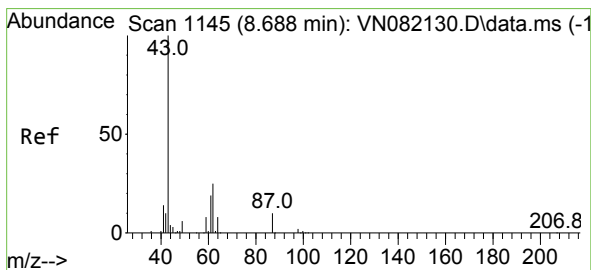
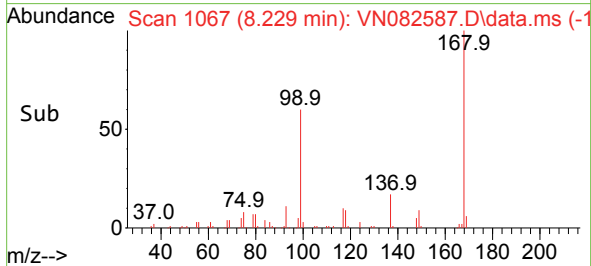
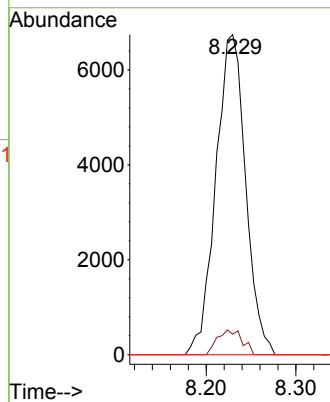
Tgt Ion:117 Resp: 15546

Ion Ratio Lower Upper

117 100

119 6.4 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 0.644 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN082587.D

Acq: 14 Jun 2024 16:52

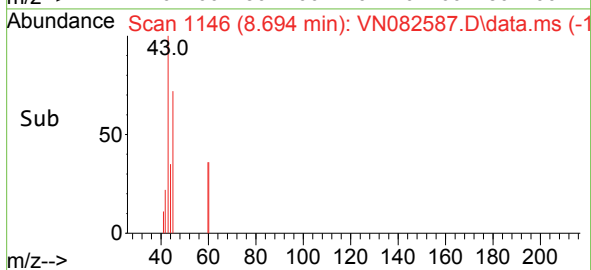
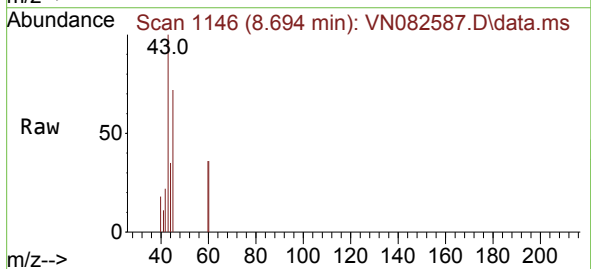
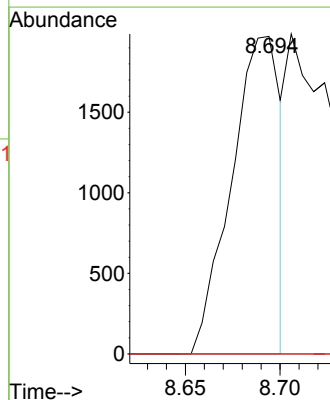
Tgt Ion: 43 Resp: 3537

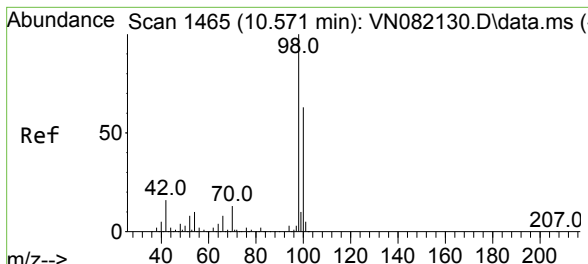
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#

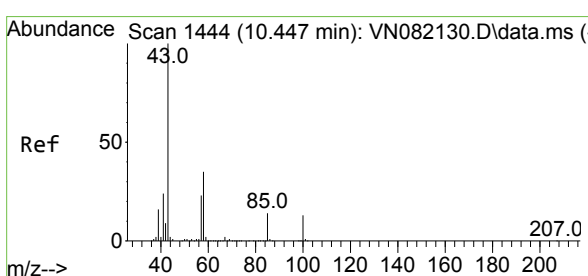
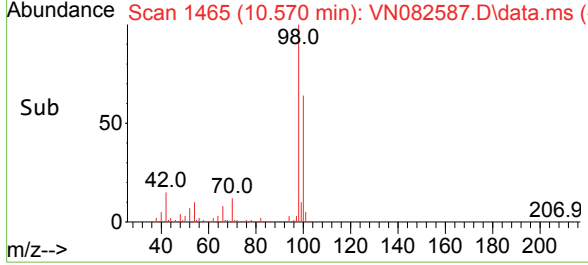
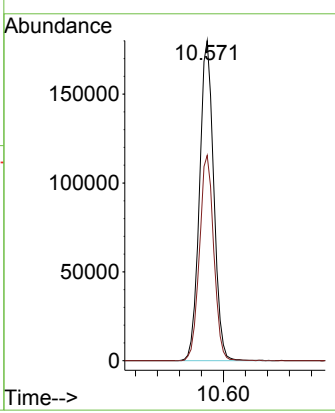
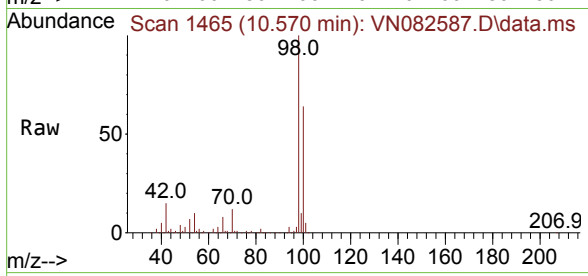




#50
Toluene-d8
Concen: 51.108 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082587.D
Acq: 14 Jun 2024 16:52

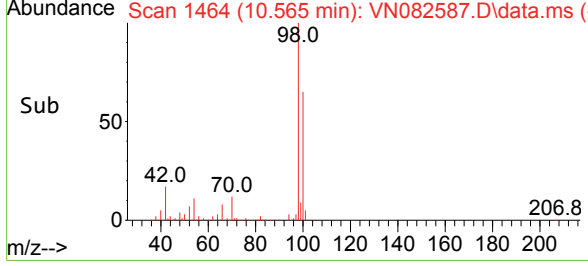
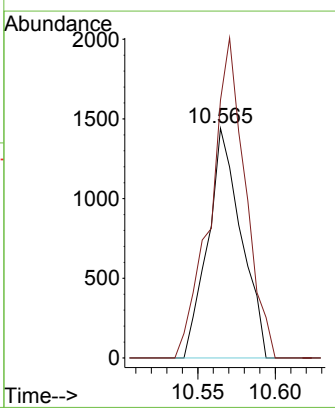
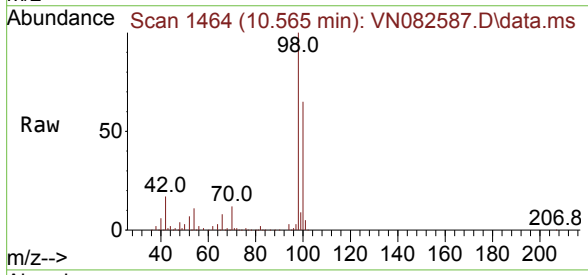
Instrument : MSVOA_N
ClientSampleId :

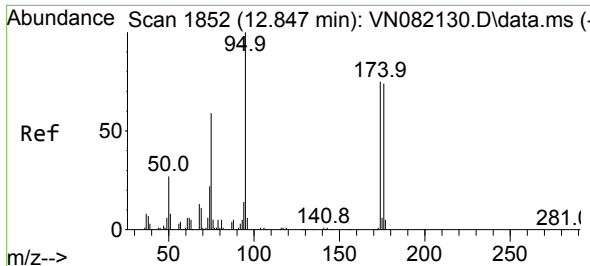
Tgt Ion:	98	Resp:	323457
Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.8	77.6



#51
4-Methyl-2-Pentanone
Concen: 0.688 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.117 min
Lab File: VN082587.D
Acq: 14 Jun 2024 16:52

Tgt Ion:	43	Resp:	2146
Ion	Ratio	Lower	Upper
43	100		
58	145.0	33.2	49.8#

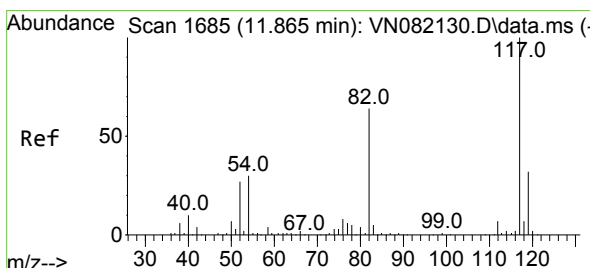
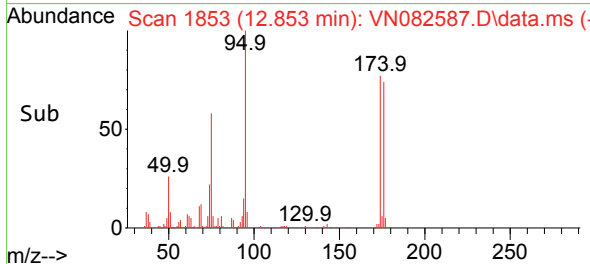
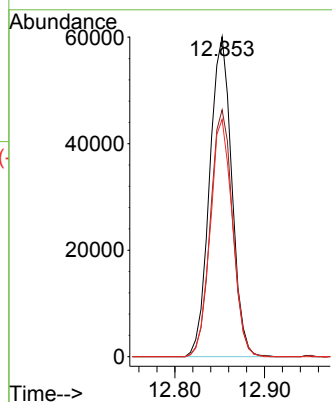
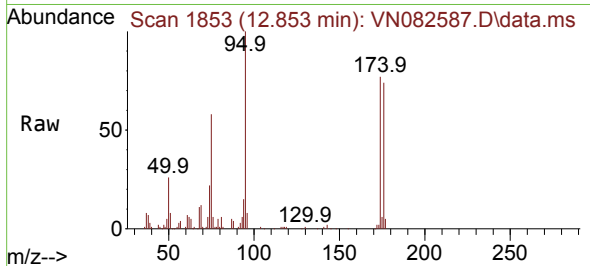




#62
4-Bromofluorobenzene
Concen: 45.571 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082587.D
Acq: 14 Jun 2024 16:52

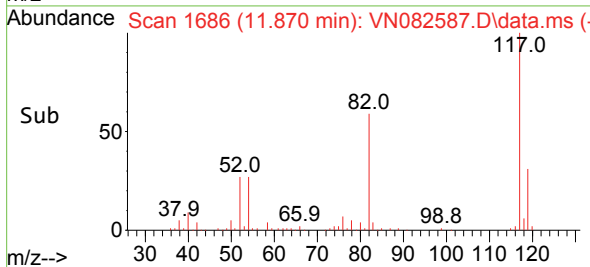
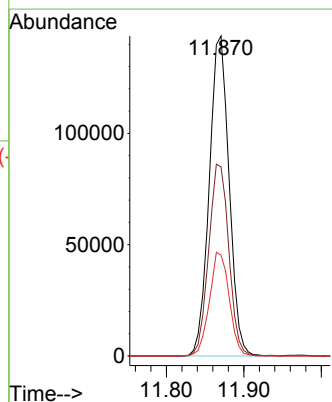
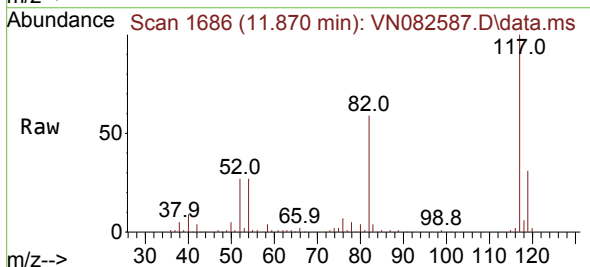
Instrument :
MSVOA_N
ClientSampleId :

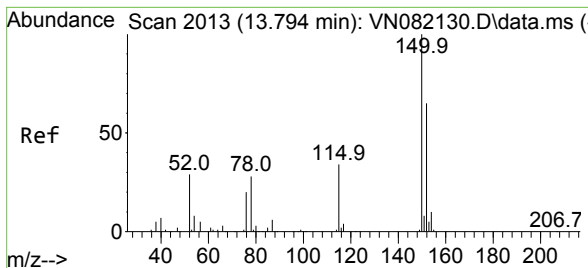
Tgt Ion: 95 Resp: 102940
Ion Ratio Lower Upper
95 100
174 77.1 0.0 160.6
176 74.7 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082587.D
Acq: 14 Jun 2024 16:52

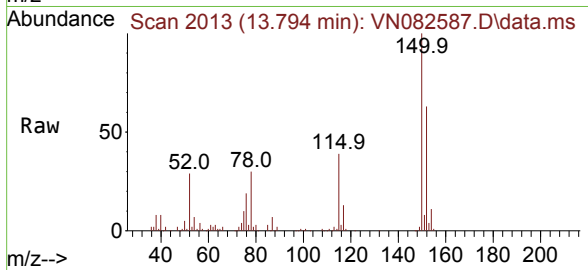
Tgt Ion: 117 Resp: 255695
Ion Ratio Lower Upper
117 100
82 59.1 44.6 66.8
119 31.5 25.9 38.9



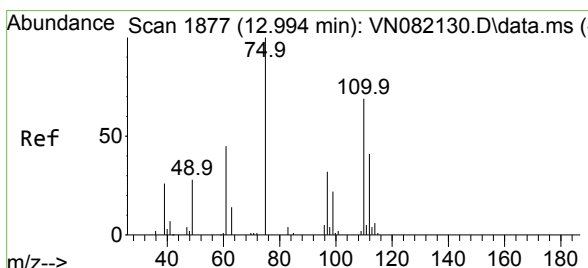
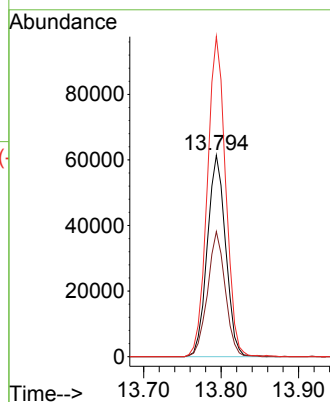
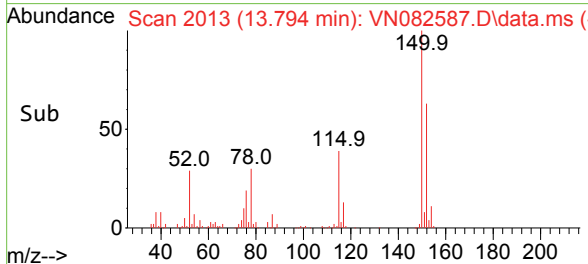


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082587.D
 Acq: 14 Jun 2024 16:52

Instrument :
 MSVOA_N
 ClientSampleId :

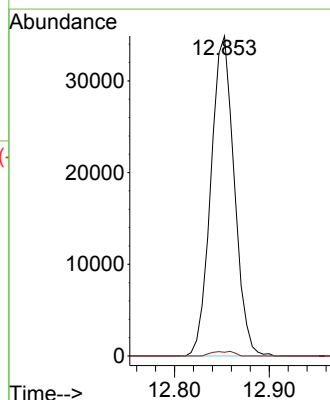
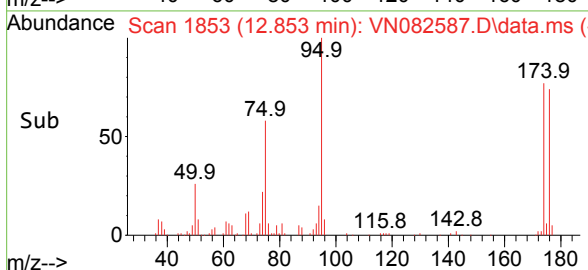
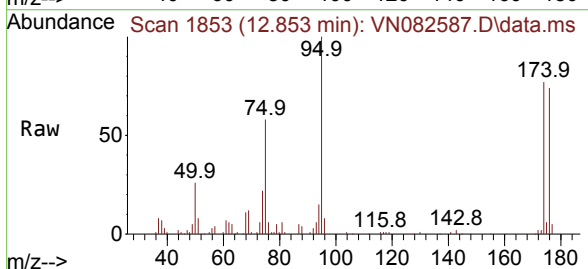


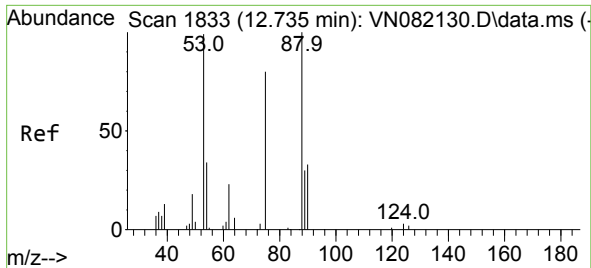
Tgt Ion:152 Resp: 100885
 Ion Ratio Lower Upper
 152 100
 115 60.0 30.4 91.3
 150 158.6 0.0 353.2



#76
 1,2,3-Trichloropropane
 Concen: 28.137 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN082587.D
 Acq: 14 Jun 2024 16:52

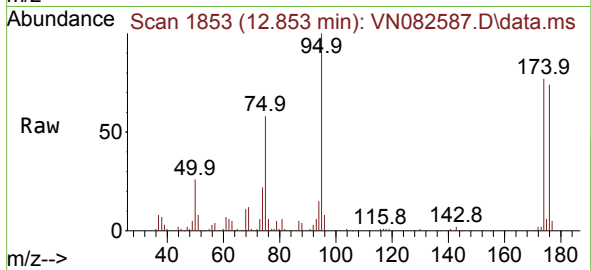
Tgt Ion: 75 Resp: 59745
 Ion Ratio Lower Upper
 75 100
 77 1.4 90.5 271.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 65.810 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.117 min
Lab File: VN082587.D
Acq: 14 Jun 2024 16:52

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 59745
Ion Ratio Lower Upper
75 100
53 0.2 72.9 109.3#
89 0.0 39.1 58.7#

