

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052924\
 Data File : VN082384.D
 Acq On : 29 May 2024 20:43
 Operator : JC\MD
 Sample : P2609-05RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 30 05:49:57 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)

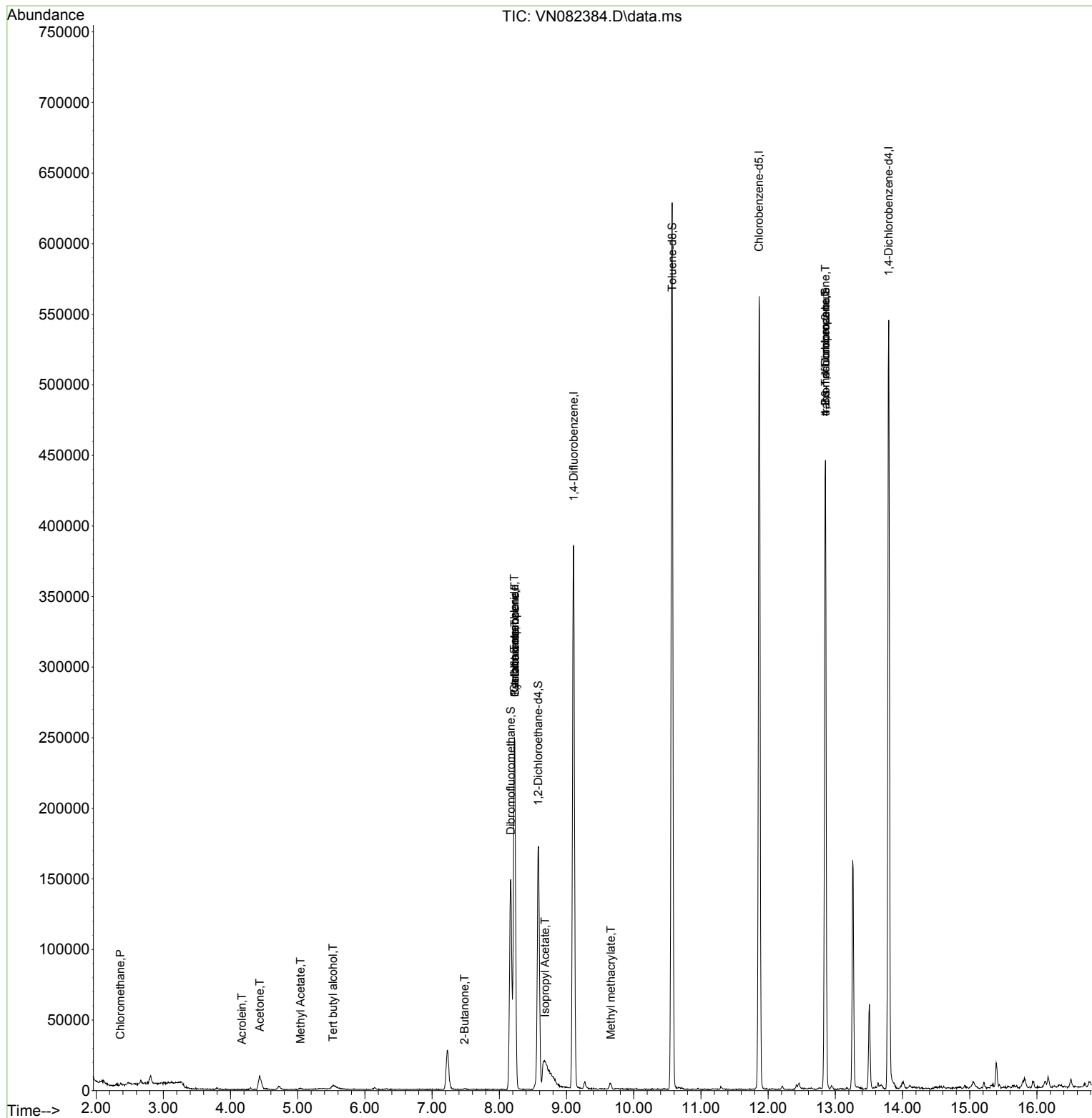
Internal Standards						
1) Pentafluorobenzene	8.230	168	176575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	312562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	299406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	134701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	143967	51.635	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.280%	
35) Dibromofluoromethane	8.171	113	102570	53.346	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.700%	
50) Toluene-d8	10.571	98	400985	54.396	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.800%	
62) 4-Bromofluorobenzene	12.853	95	142482	54.153	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 108.300%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	768	0.266	ug/l #	43
11) Tert butyl alcohol	5.524	59	4084	9.125	ug/l #	74
13) Acrolein	4.171	56	140	0.422	ug/l #	15
16) Acetone	4.436	43	19348	16.916	ug/l	91
18) Methyl Acetate	5.042	43	1178	0.414	ug/l #	57
25) 2-Butanone	7.483	43	567	0.327	ug/l #	43
31) Cyclohexane	8.230	56	5043	1.132	ug/l #	63
36) 1,1-Dichloropropene	8.230	75	17067	5.293	ug/l #	49
38) Carbon Tetrachloride	8.224	117	19752	6.042	ug/l #	15
43) Isopropyl Acetate	8.683	43	25660	4.013	ug/l #	52
48) Methyl methacrylate	9.659	41	1558	0.511	ug/l #	35
76) 1,2,3-Trichloropropane	12.853	75	84554	29.824	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	84554	69.756	ug/l #	13

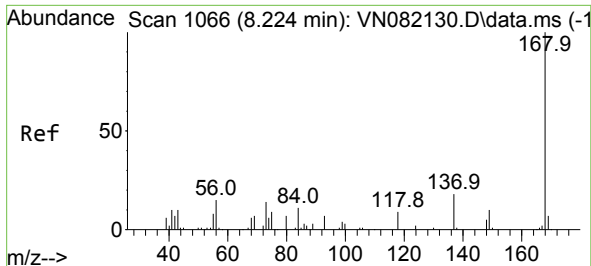
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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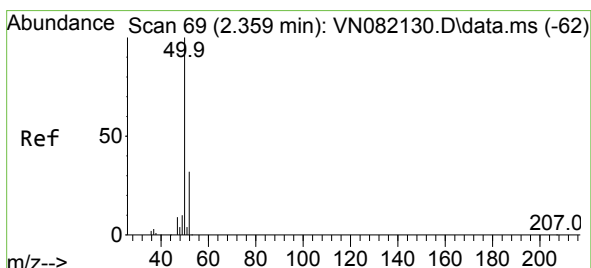
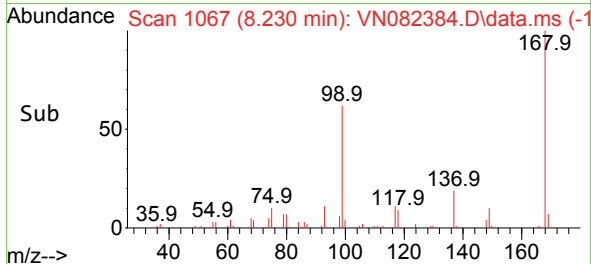
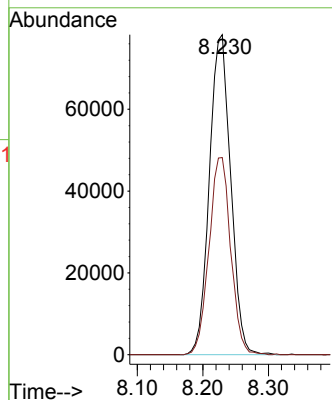
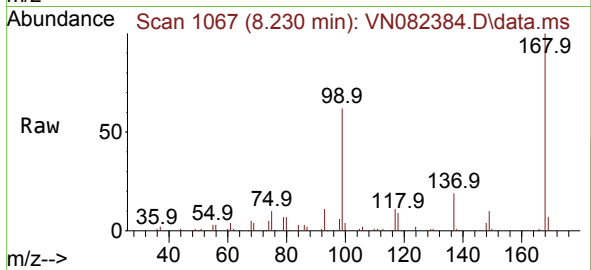




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082384.D
Acq: 29 May 2024 20:43

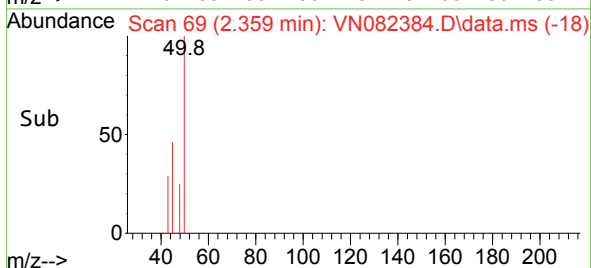
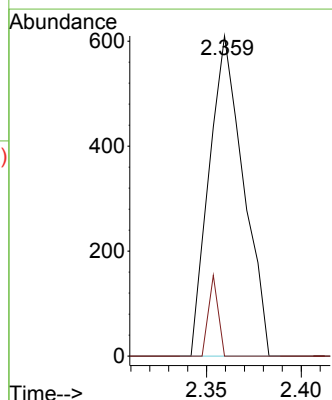
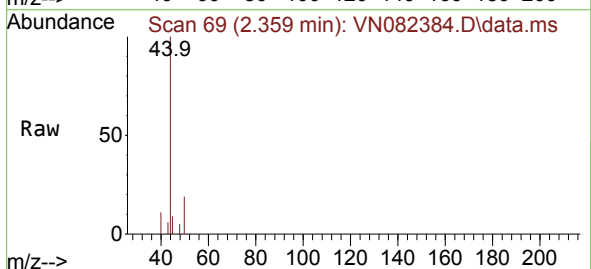
Instrument :
MSVOA_N
ClientSampleId :

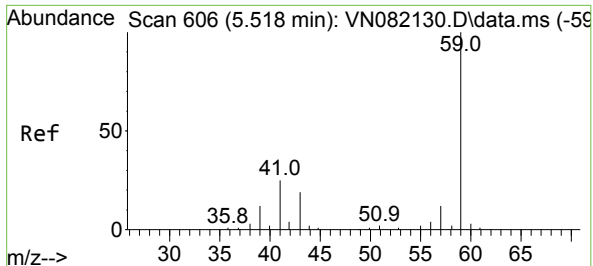
Tgt Ion:168 Resp: 176575
Ion Ratio Lower Upper
168 100
99 61.6 48.2 72.4



#3
Chloromethane
Concen: 0.266 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082384.D
Acq: 29 May 2024 20:43

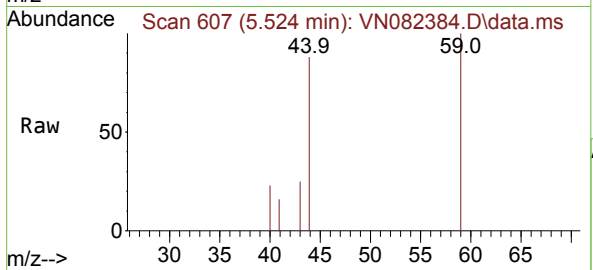
Tgt Ion: 50 Resp: 768
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



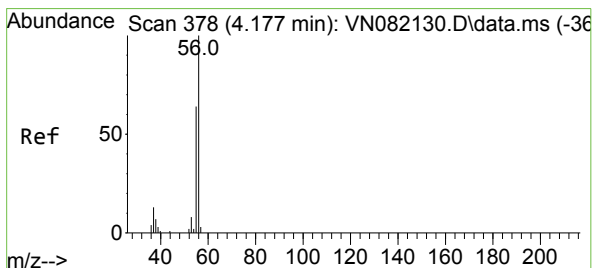
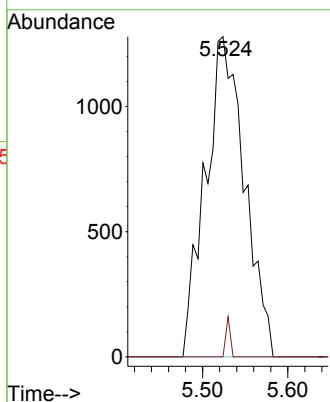
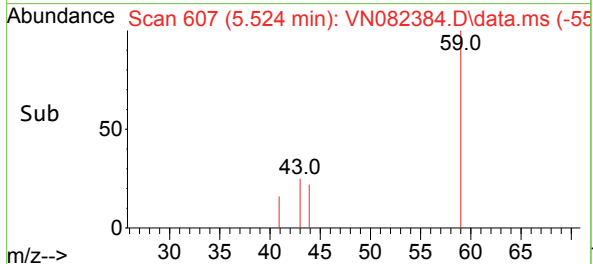


#11
Tert butyl alcohol
Concen: 9.125 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN082384.D
Acq: 29 May 2024 20:43

Instrument :
MSVOA_N
ClientSampleId :

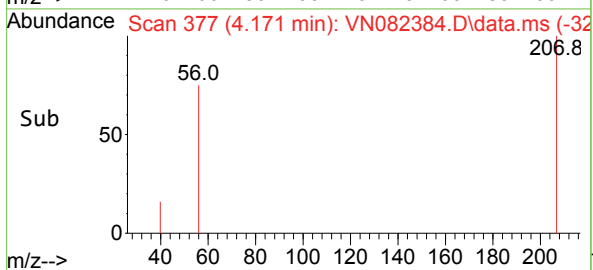
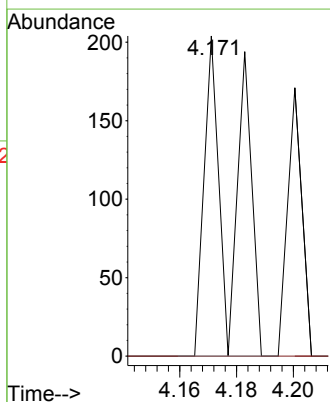
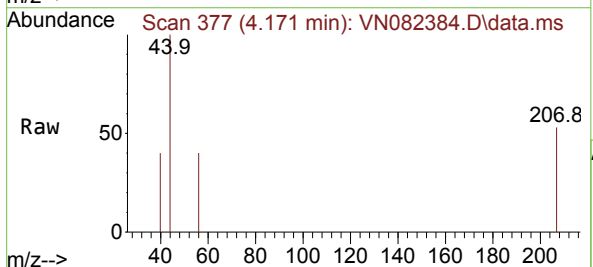


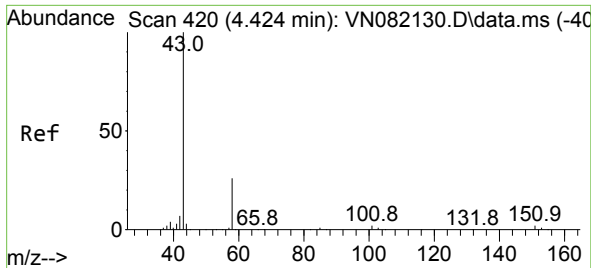
Tgt Ion: 59 Resp: 4084
Ion Ratio Lower Upper
59 100
57 1.4 8.9 13.3#



#13
Acrolein
Concen: 0.422 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN082384.D
Acq: 29 May 2024 20:43

Tgt Ion: 56 Resp: 140
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#

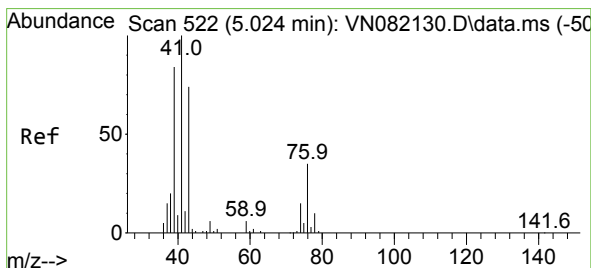
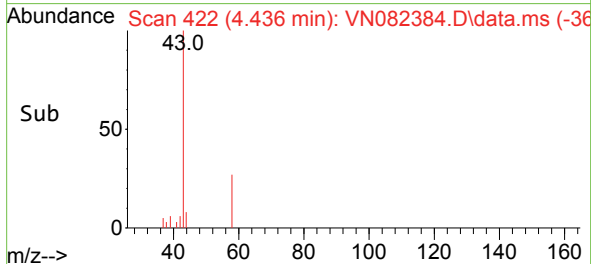
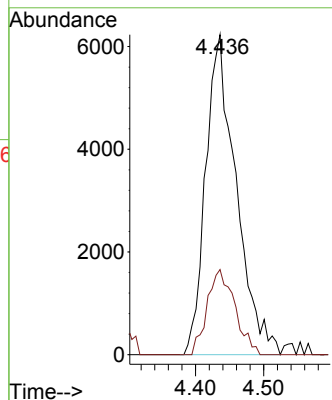
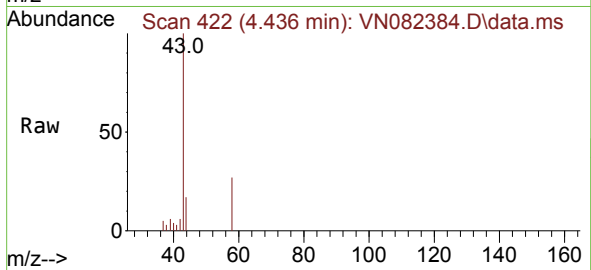




#16
Acetone
Concen: 16.916 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN082384.D
Acq: 29 May 2024 20:43

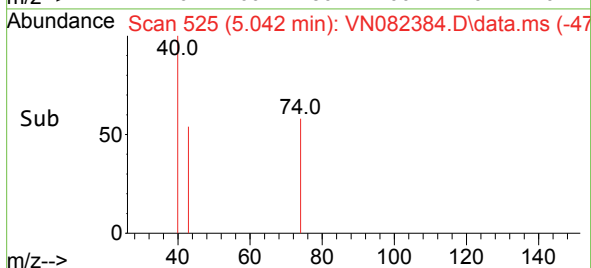
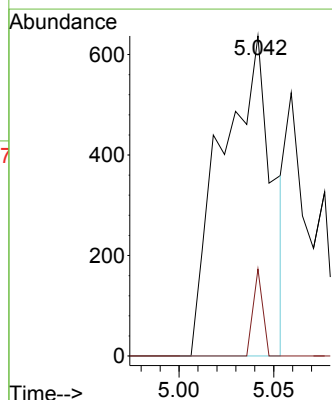
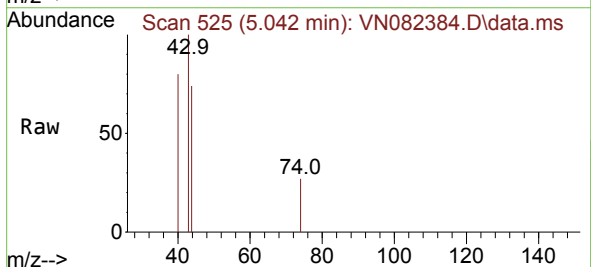
Instrument :
MSVOA_N
ClientSampleId :

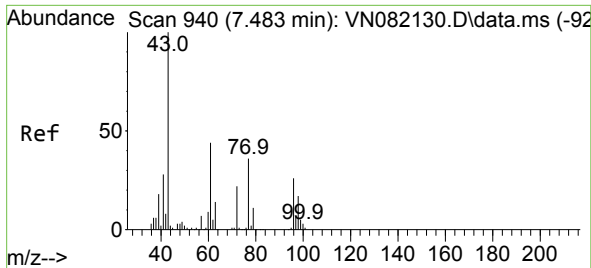
Tgt Ion: 43 Resp: 19348
Ion Ratio Lower Upper
43 100
58 26.6 25.2 37.8



#18
Methyl Acetate
Concen: 0.414 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.018 min
Lab File: VN082384.D
Acq: 29 May 2024 20:43

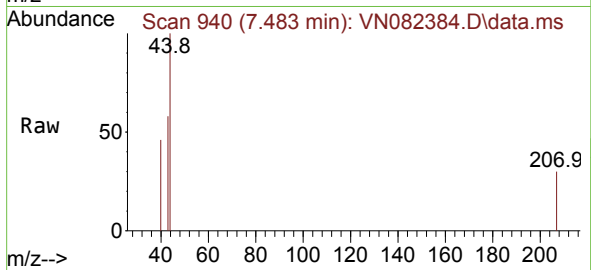
Tgt Ion: 43 Resp: 1178
Ion Ratio Lower Upper
43 100
74 5.2 22.2 33.2#



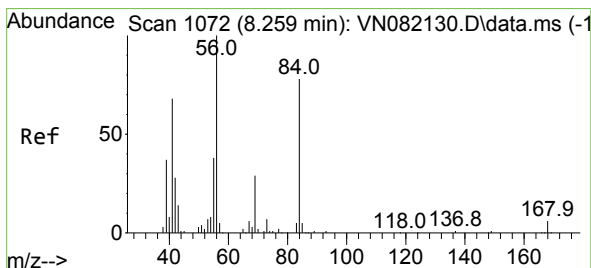
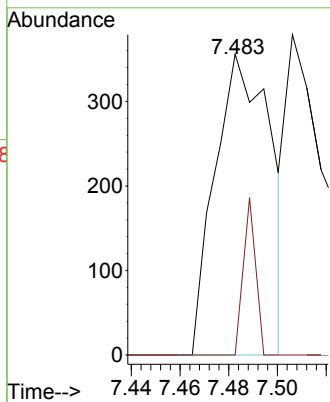
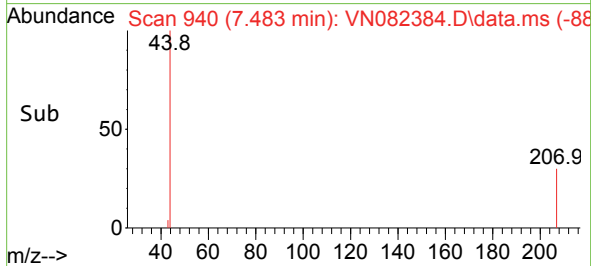


#25
2-Butanone
Concen: 0.327 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.000 min
Lab File: VN082384.D
Acq: 29 May 2024 20:43

Instrument :
MSVOA_N
ClientSampleId :

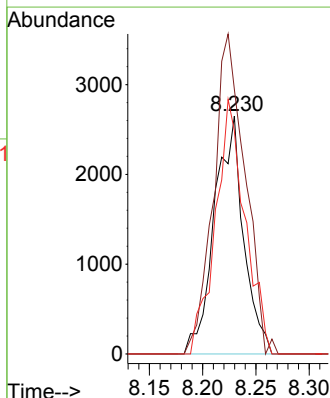
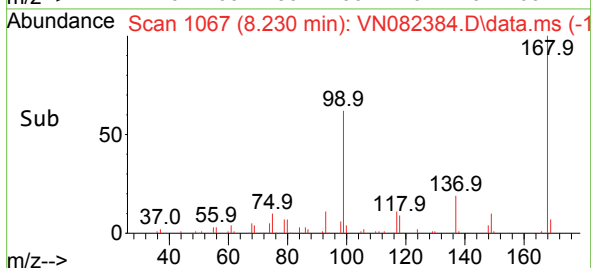
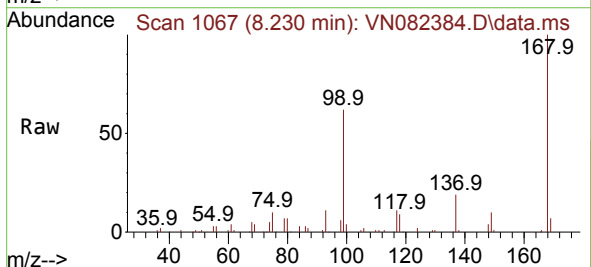


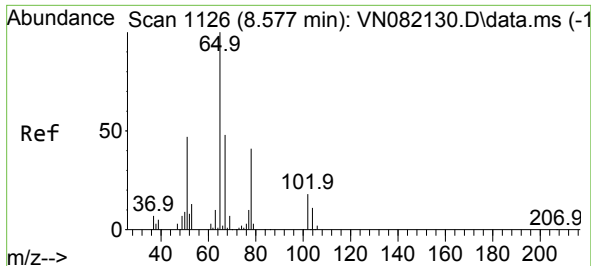
Tgt Ion: 43 Resp: 567
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#



#31
Cyclohexane
Concen: 1.132 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082384.D
Acq: 29 May 2024 20:43

Tgt Ion: 56 Resp: 5043
Ion Ratio Lower Upper
56 100
69 111.3 24.4 36.6#
84 93.9 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 51.635 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN082384.D

Acq: 29 May 2024 20:43

Instrument :

MSVOA_N

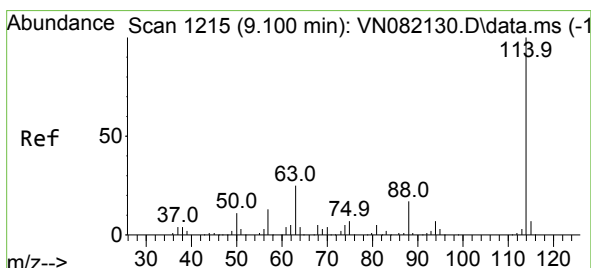
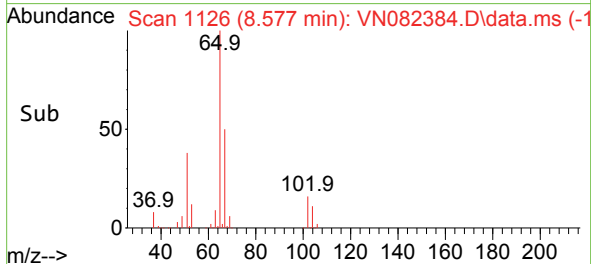
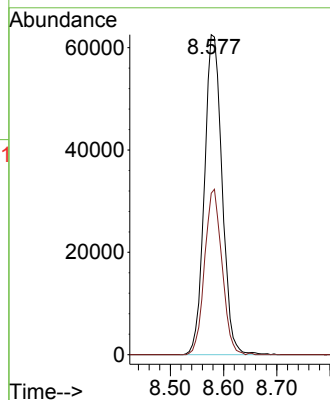
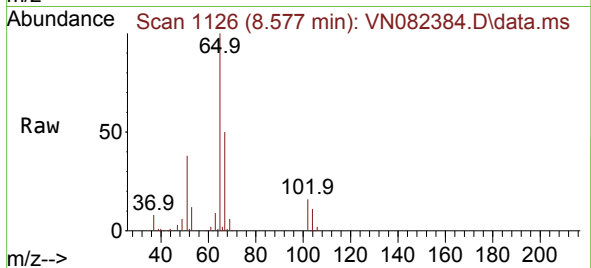
ClientSampleId :

Tgt Ion: 65 Resp: 143967

Ion Ratio Lower Upper

65 100

67 50.8 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: VN082384.D

Acq: 29 May 2024 20:43

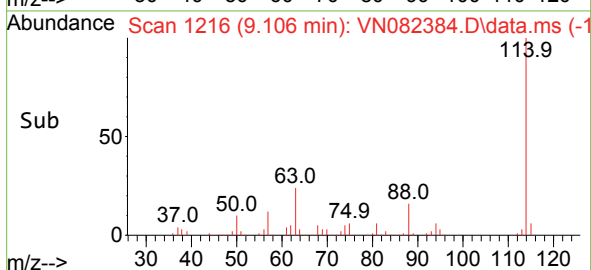
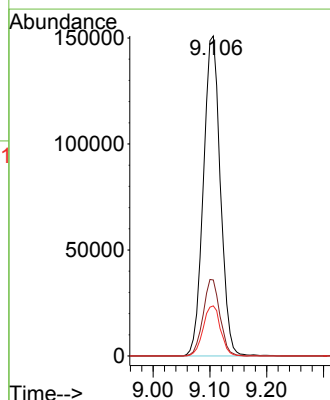
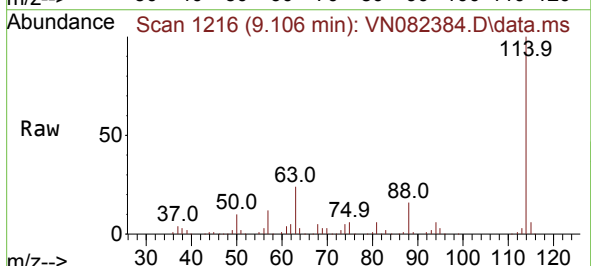
Tgt Ion: 114 Resp: 312562

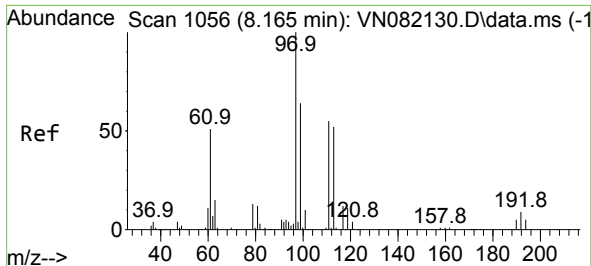
Ion Ratio Lower Upper

114 100

63 23.8 0.0 41.0

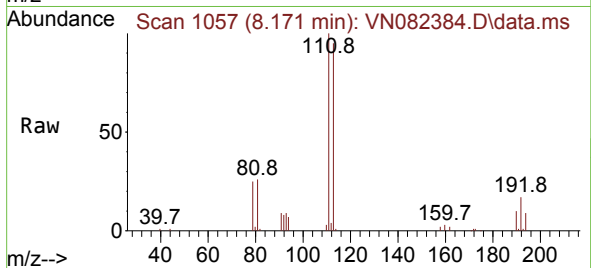
88 15.6 0.0 31.4



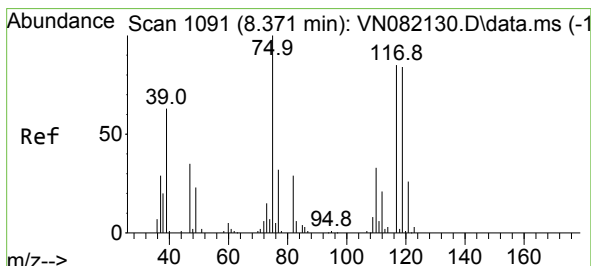
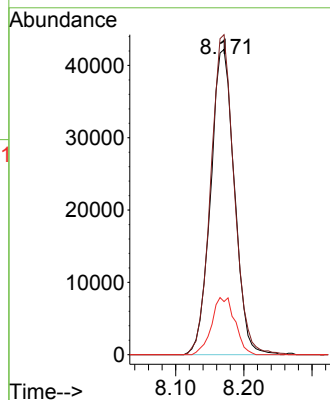
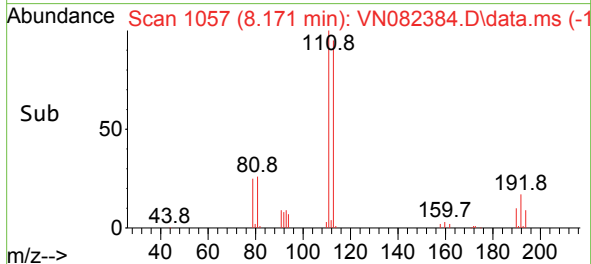


#35
Dibromofluoromethane
Concen: 53.346 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082384.D
Acq: 29 May 2024 20:43

Instrument :
MSVOA_N
ClientSampleId :

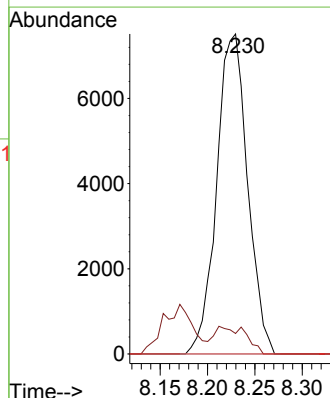
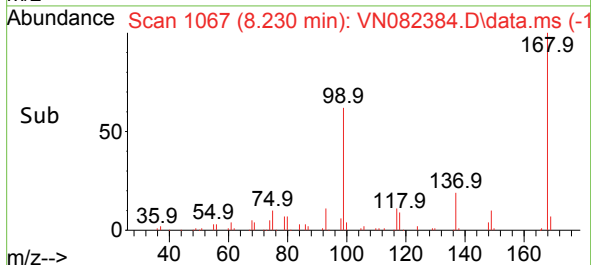
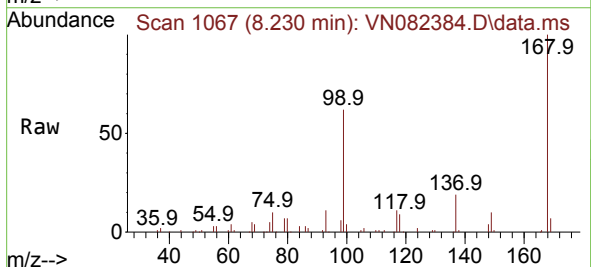


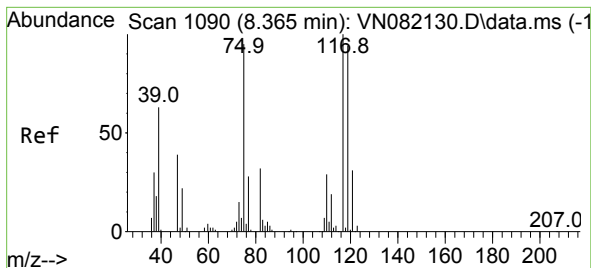
Tgt Ion:113 Resp: 102570
Ion Ratio Lower Upper
113 100
111 103.2 83.4 125.2
192 18.4 14.0 21.0



#36
1,1-Dichloropropene
Concen: 5.293 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082384.D
Acq: 29 May 2024 20:43

Tgt Ion: 75 Resp: 17067
Ion Ratio Lower Upper
75 100
110 8.7 17.8 53.5#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.042 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

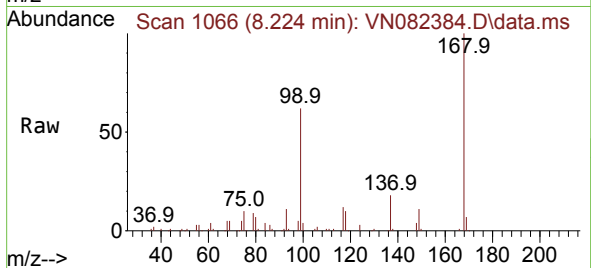
Lab File: VN082384.D

Acq: 29 May 2024 20:43

Instrument :

MSVOA_N

ClientSampleId :



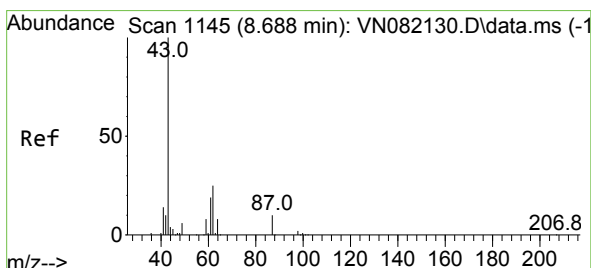
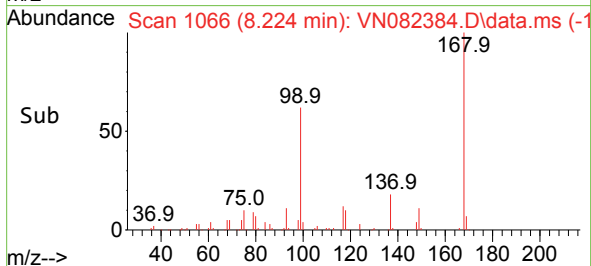
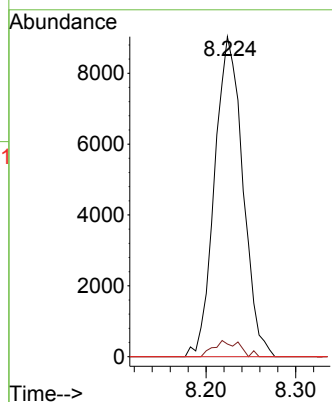
Tgt Ion:117 Resp: 19752

Ion Ratio Lower Upper

117 100

119 4.0 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 4.013 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VN082384.D

Acq: 29 May 2024 20:43

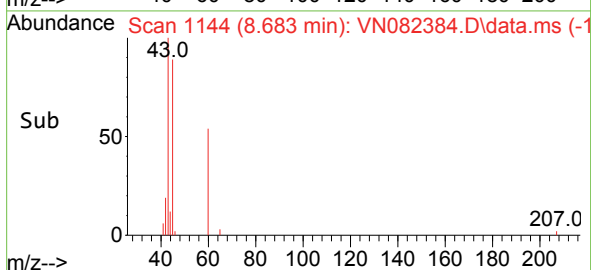
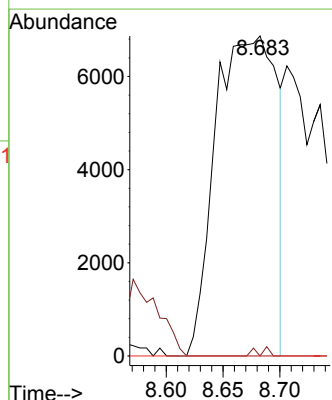
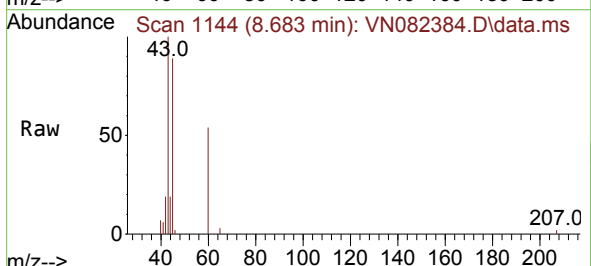
Tgt Ion: 43 Resp: 25660

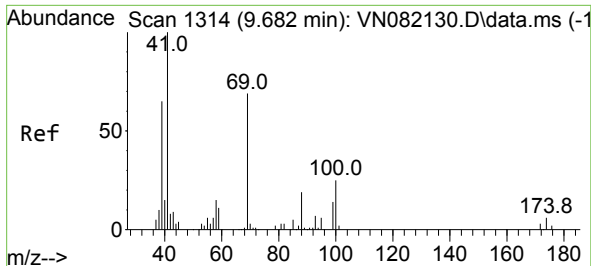
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

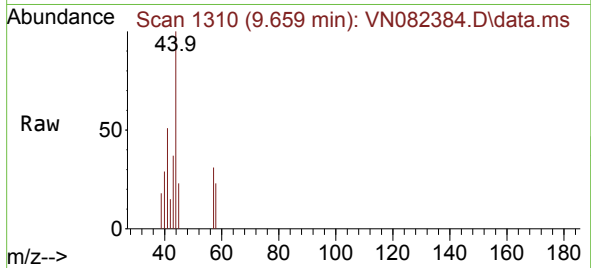
87 0.0 12.0 18.0#



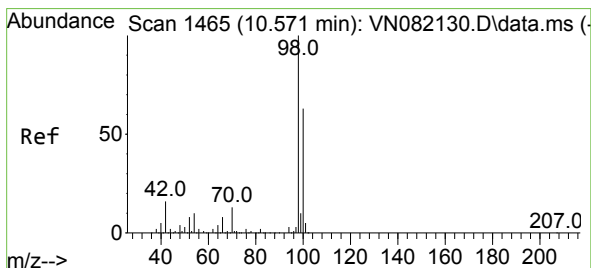
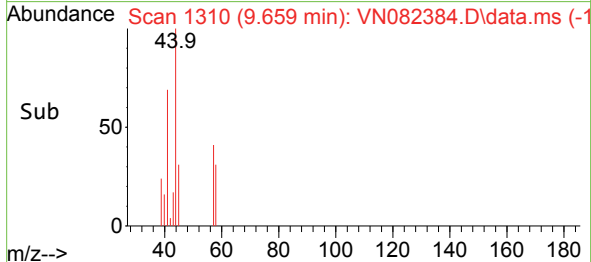
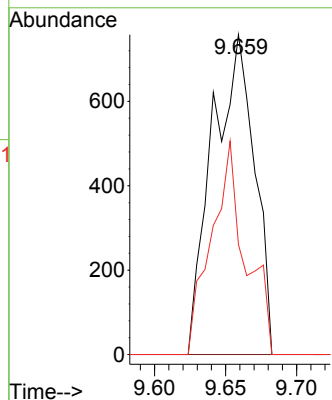


#48
Methyl methacrylate
Concen: 0.511 ug/l
RT: 9.659 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN082384.D
Acq: 29 May 2024 20:43

Instrument :
MSVOA_N
ClientSampleId :

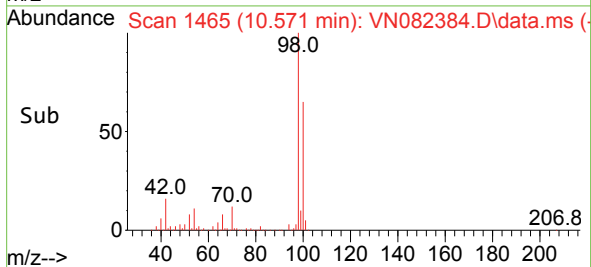
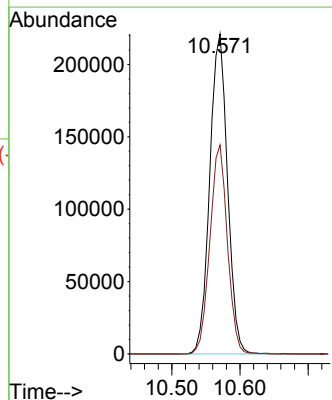
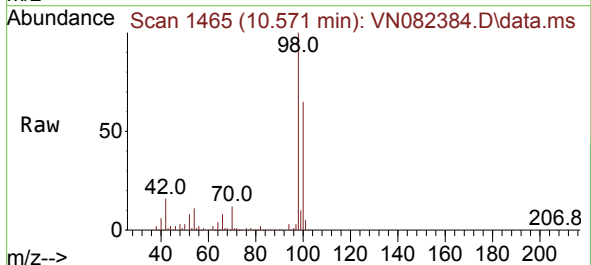


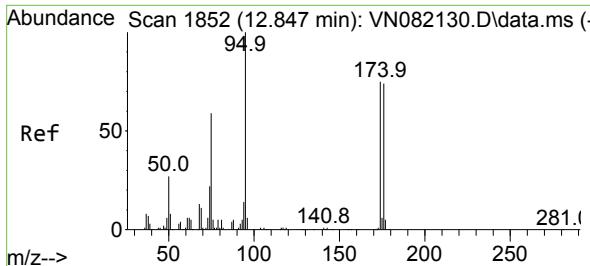
Tgt Ion: 41 Resp: 1558
Ion Ratio Lower Upper
41 100
69 0.0 77.9 116.9#
39 54.2 50.9 76.3



#50
Toluene-d8
Concen: 54.396 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082384.D
Acq: 29 May 2024 20:43

Tgt Ion: 98 Resp: 400985
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6

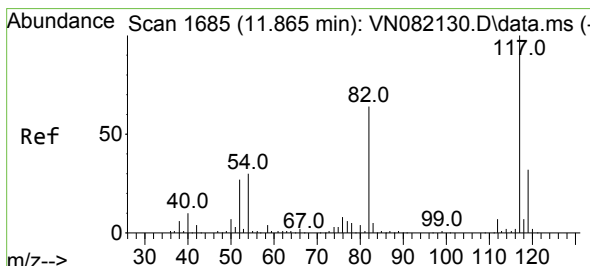
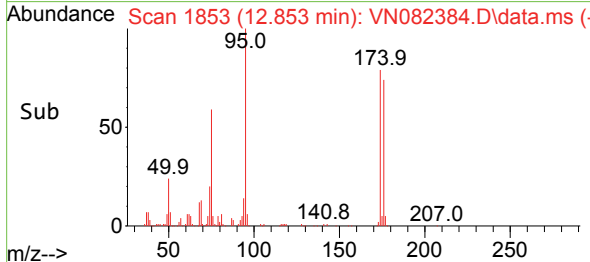
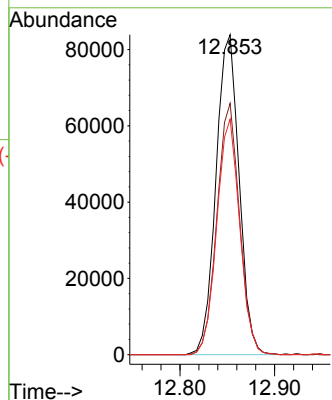
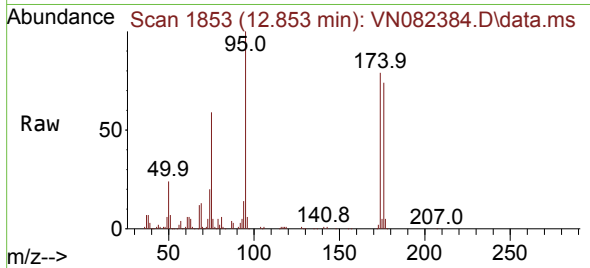




#62
4-Bromofluorobenzene
Concen: 54.153 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082384.D
Acq: 29 May 2024 20:43

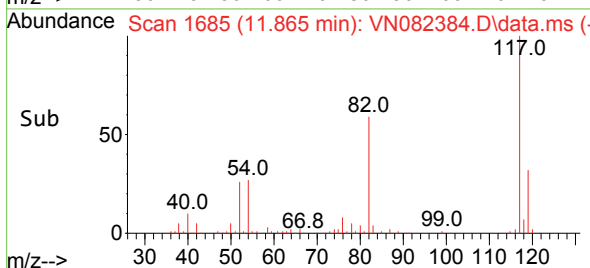
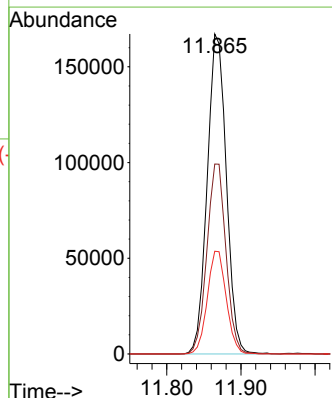
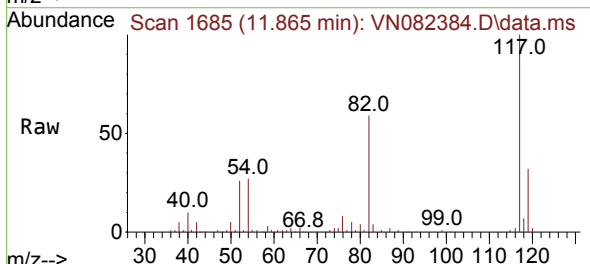
Instrument :
MSVOA_N
ClientSampleId :

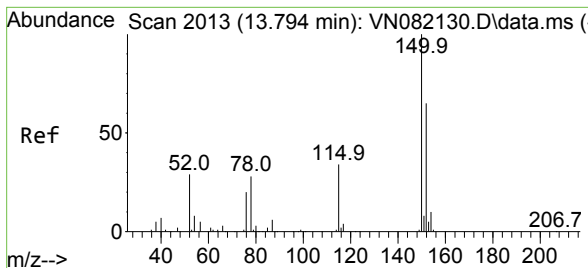
Tgt Ion: 95 Resp: 142482
Ion Ratio Lower Upper
95 100
174 76.9 0.0 160.6
176 72.8 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082384.D
Acq: 29 May 2024 20:43

Tgt Ion: 117 Resp: 299406
Ion Ratio Lower Upper
117 100
82 59.4 44.6 66.8
119 32.1 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

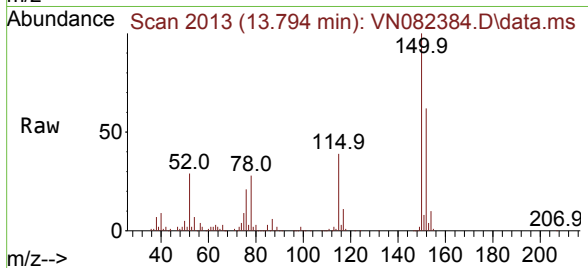
Lab File: VN082384.D

Acq: 29 May 2024 20:43

Instrument :

MSVOA_N

ClientSampleId :



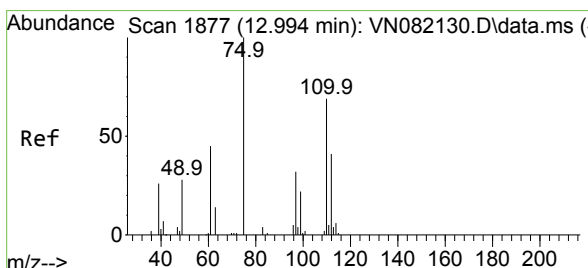
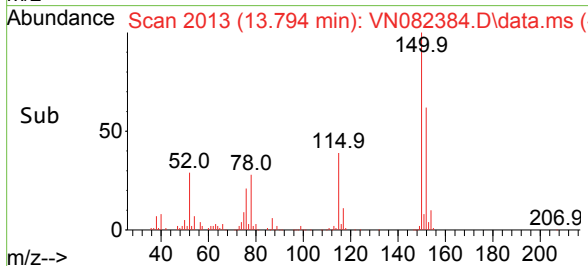
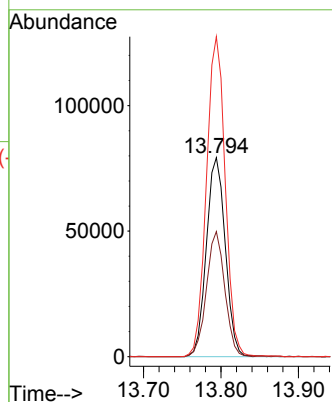
Tgt Ion:152 Resp: 134701

Ion Ratio Lower Upper

152 100

115 60.9 30.4 91.3

150 159.2 0.0 353.2



#76

1,2,3-Trichloropropane

Concen: 29.824 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082384.D

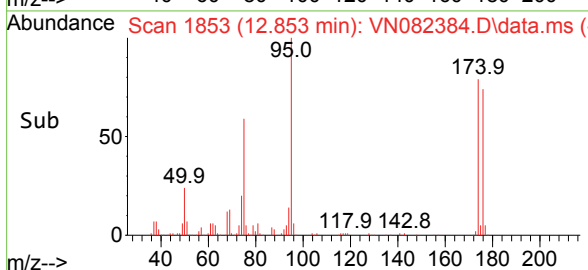
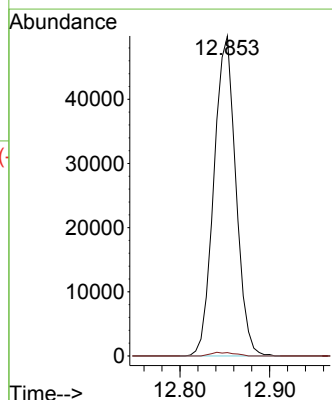
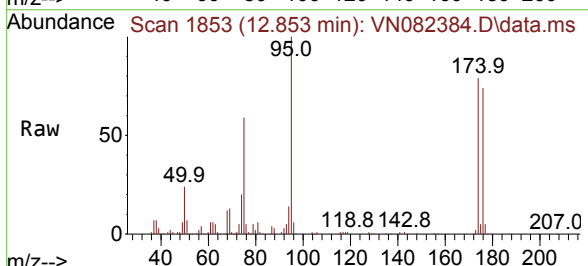
Acq: 29 May 2024 20:43

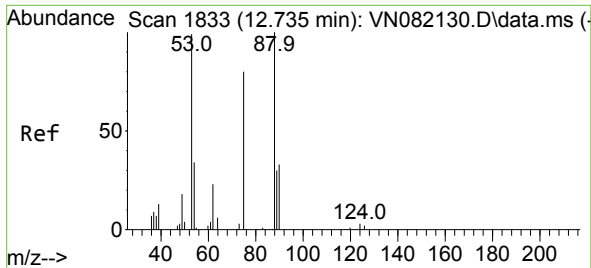
Tgt Ion: 75 Resp: 84554

Ion Ratio Lower Upper

75 100

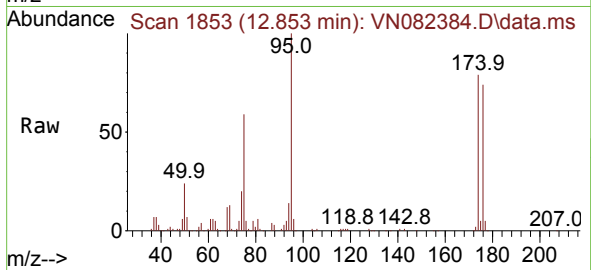
77 1.2 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.756 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN082384.D
 Acq: 29 May 2024 20:43

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	75	Resp:	84554
Ion	Ratio	Lower	Upper
75	100		
53	0.1	72.9	109.3#
89	0.0	39.1	58.7#

