

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052924\
 Data File : VN082375.D
 Acq On : 29 May 2024 17:05
 Operator : JC\MD
 Sample : P2609-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 30 05:46:05 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)

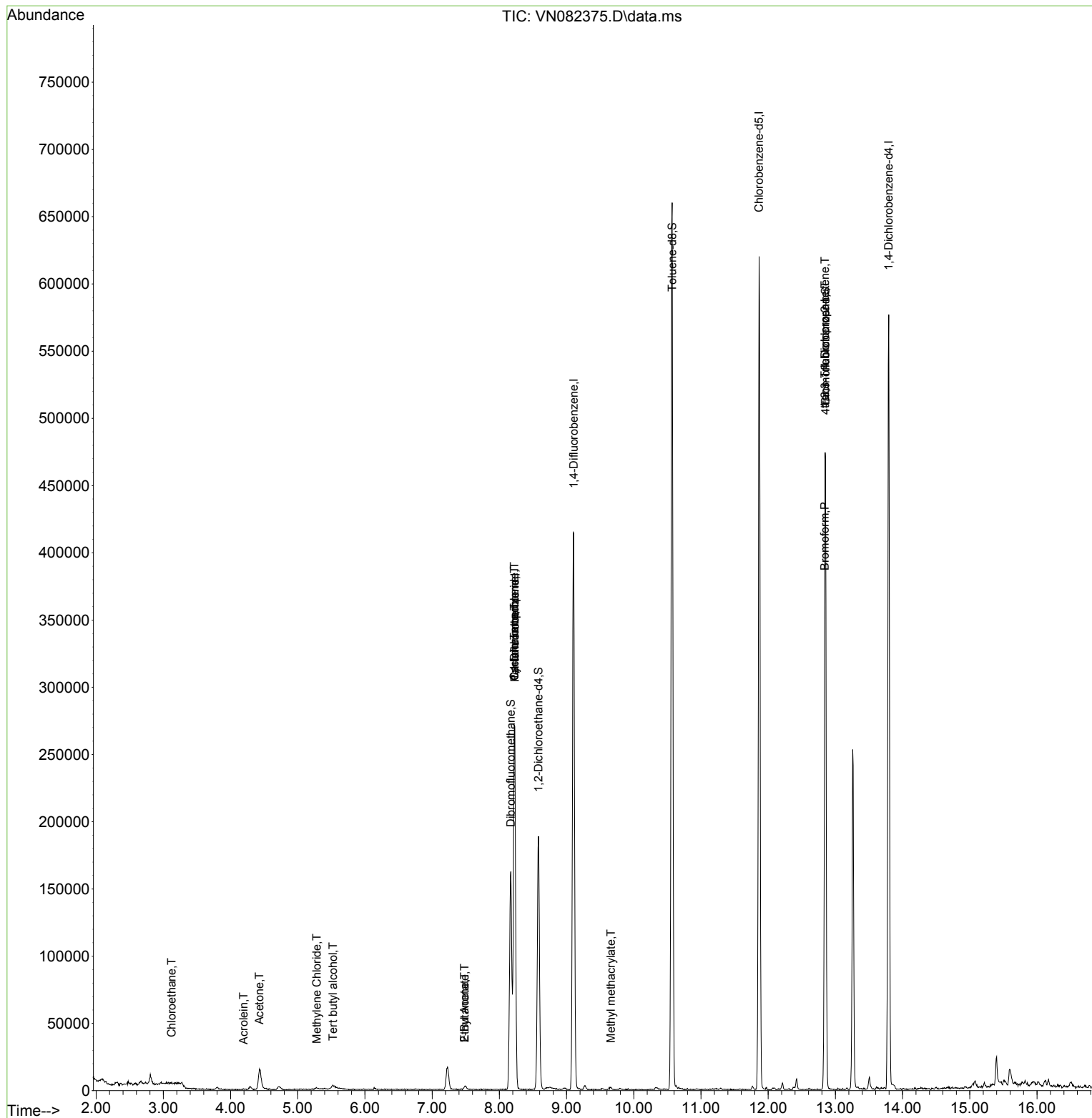
Internal Standards						
1) Pentafluorobenzene	8.230	168	192845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	337288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	319815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	157360	51.677	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 103.360%		
35) Dibromofluoromethane	8.171	113	112358	54.153	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 108.300%		
50) Toluene-d8	10.571	98	431259	54.214	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 108.420%		
62) 4-Bromofluorobenzene	12.853	95	151330	53.299	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 106.600%		
Target Compounds						
					Qvalue	
6) Chloroethane	3.124	64	590	0.305	ug/l #	44
11) Tert butyl alcohol	5.524	59	4073	8.333	ug/l #	76
13) Acrolein	4.195	56	130	0.359	ug/l #	15
16) Acetone	4.430	43	29893	23.931	ug/l #	86
20) Methylene Chloride	5.283	84	793	0.315	ug/l #	63
25) 2-Butanone	7.483	43	5014	2.647	ug/l #	69
31) Cyclohexane	8.224	56	5615	1.155	ug/l #	50
36) 1,1-Dichloropropene	8.224	75	17602	5.058	ug/l #	49
37) Ethyl Acetate	7.483	43	5014	1.288	ug/l #	68
38) Carbon Tetrachloride	8.224	117	21181	6.004	ug/l #	16
48) Methyl methacrylate	9.659	41	764	0.232	ug/l #	37
71) Bromoform	12.841	173	161	0.787	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	90394	30.109	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	90394	70.425	ug/l #	13

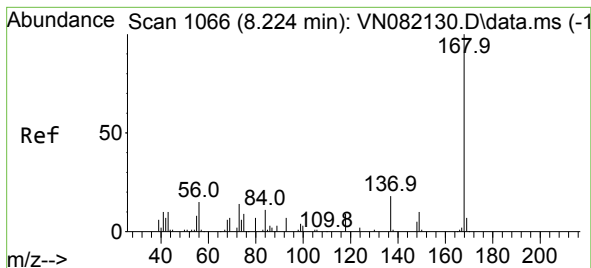
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082375.D

Acq: 29 May 2024 17:05

Instrument :

MSVOA_N

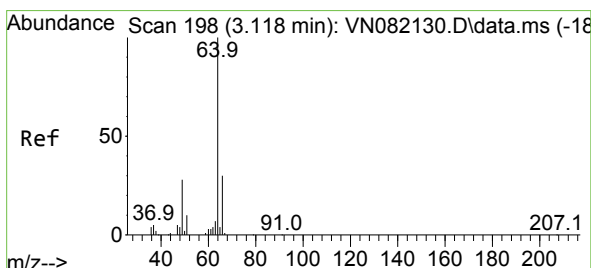
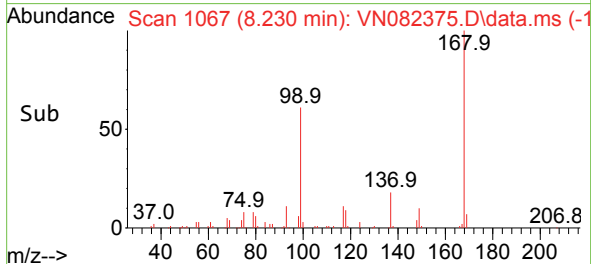
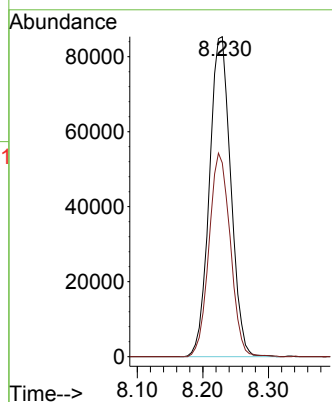
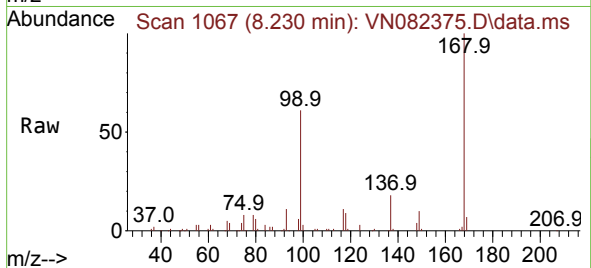
ClientSampleId :

Tgt Ion:168 Resp: 192845

Ion Ratio Lower Upper

168 100

99 60.6 48.2 72.4



#6

Chloroethane

Concen: 0.305 ug/l

RT: 3.124 min Scan# 199

Delta R.T. 0.006 min

Lab File: VN082375.D

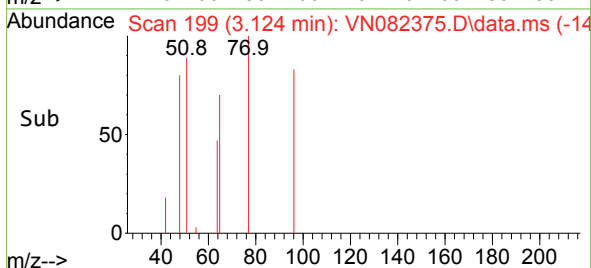
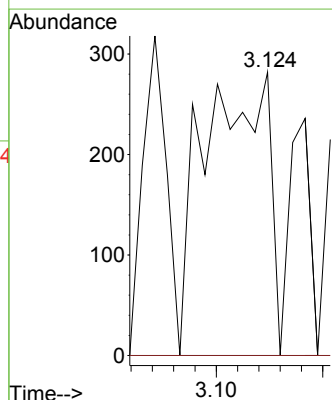
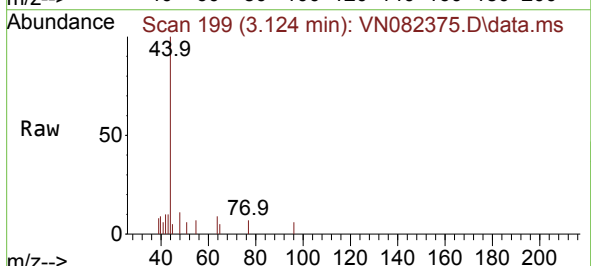
Acq: 29 May 2024 17:05

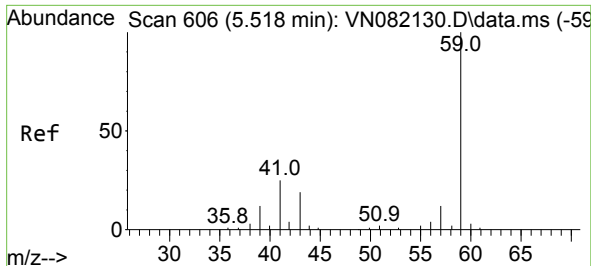
Tgt Ion: 64 Resp: 590

Ion Ratio Lower Upper

64 100

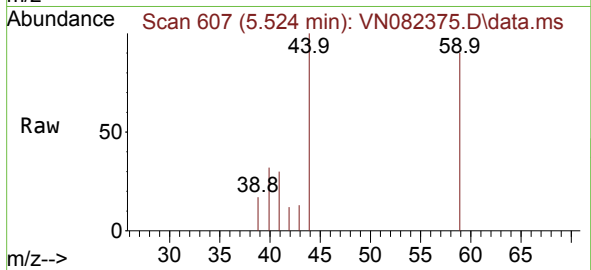
66 0.0 24.7 37.1#



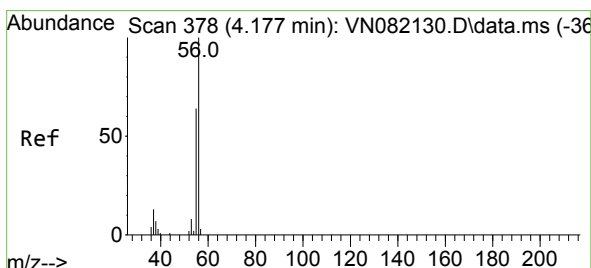
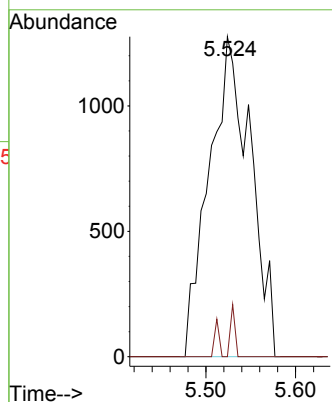
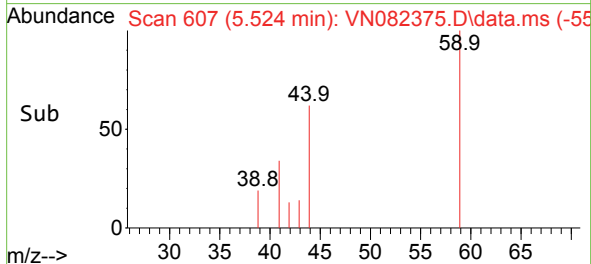


#11
Tert butyl alcohol
Concen: 8.333 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN082375.D
Acq: 29 May 2024 17:05

Instrument :
MSVOA_N
ClientSampleId :

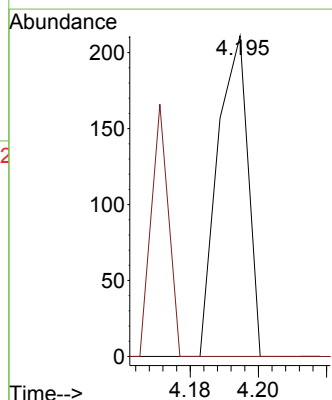
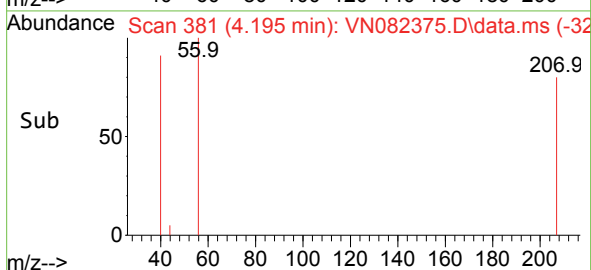
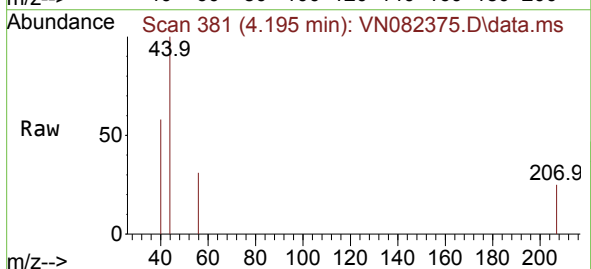


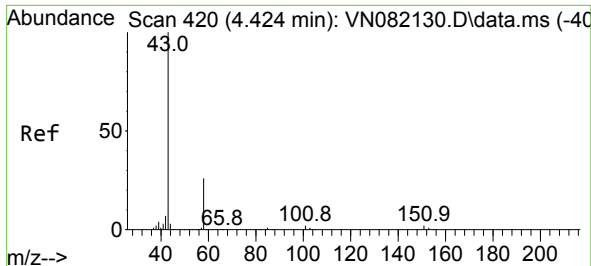
Tgt Ion: 59 Resp: 4073
Ion Ratio Lower Upper
59 100
57 1.8 8.9 13.3#



#13
Acrolein
Concen: 0.359 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.018 min
Lab File: VN082375.D
Acq: 29 May 2024 17:05

Tgt Ion: 56 Resp: 130
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#

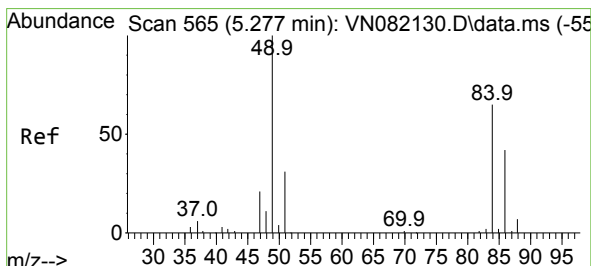
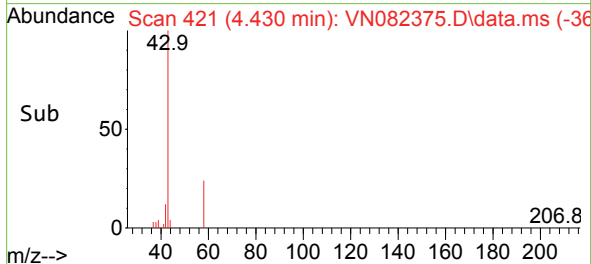
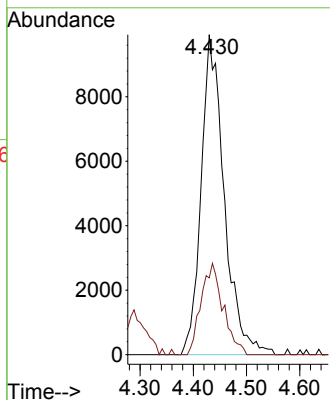
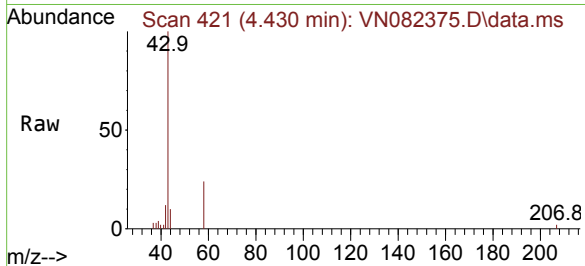




#16
Acetone
Concen: 23.931 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082375.D
Acq: 29 May 2024 17:05

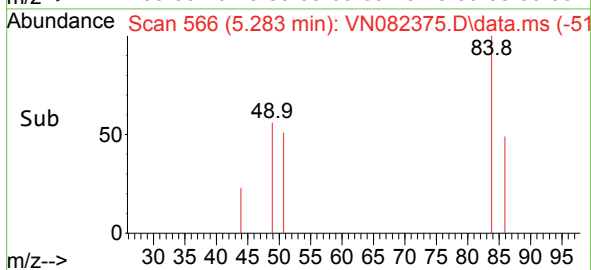
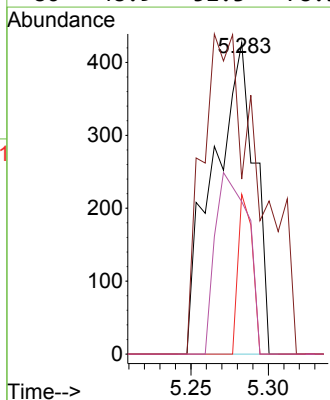
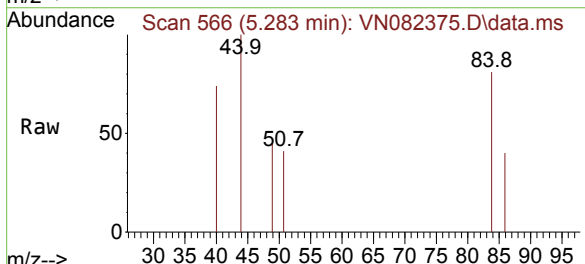
Instrument :
MSVOA_N
ClientSampleId :

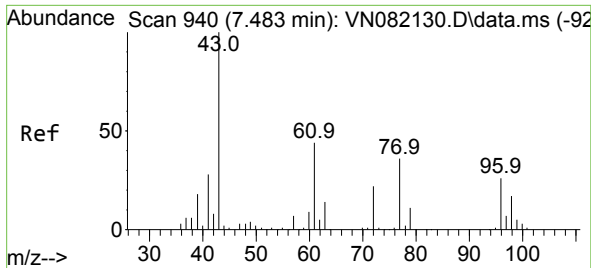
Tgt Ion: 43 Resp: 29893
Ion Ratio Lower Upper
43 100
58 24.0 25.2 37.8#



#20
Methylene Chloride
Concen: 0.315 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN082375.D
Acq: 29 May 2024 17:05

Tgt Ion: 84 Resp: 793
Ion Ratio Lower Upper
84 100
49 56.2 84.9 127.3#
51 51.3 27.0 40.6#
86 48.9 52.3 78.5#

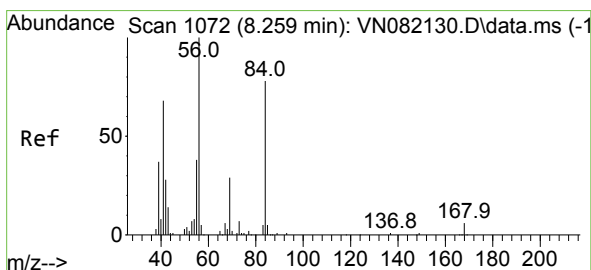
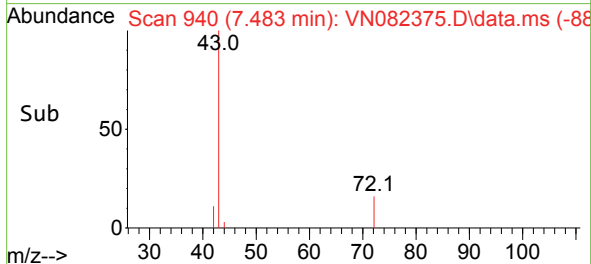
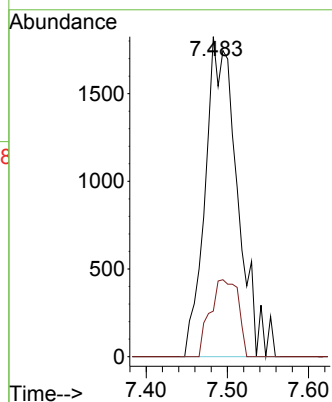
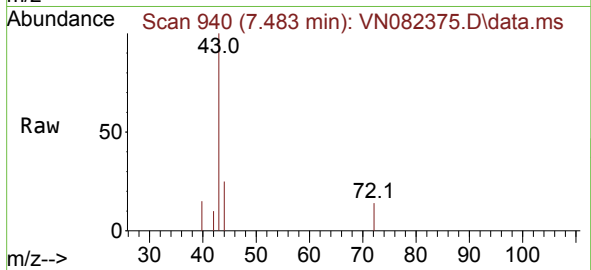




#25
2-Butanone
Concen: 2.647 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN082375.D
Acq: 29 May 2024 17:05

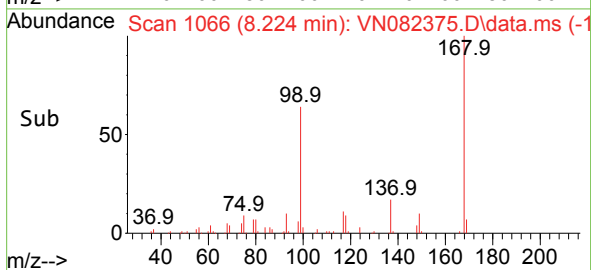
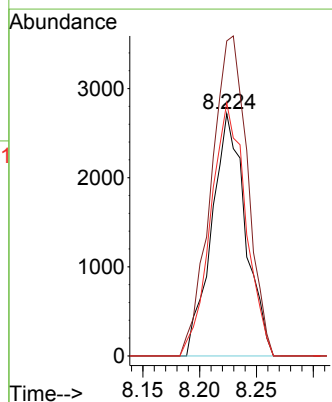
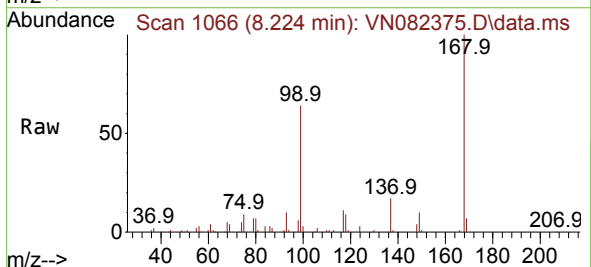
Instrument :
MSVOA_N
ClientSampleId :

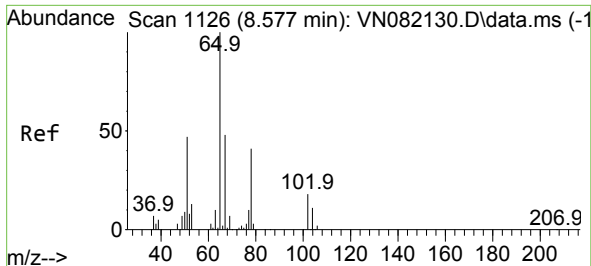
Tgt Ion: 43 Resp: 5014
Ion Ratio Lower Upper
43 100
72 14.2 25.3 37.9#



#31
Cyclohexane
Concen: 1.155 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082375.D
Acq: 29 May 2024 17:05

Tgt Ion: 56 Resp: 5615
Ion Ratio Lower Upper
56 100
69 130.1 24.4 36.6#
84 104.5 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 51.677 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082375.D

Acq: 29 May 2024 17:05

Instrument :

MSVOA_N

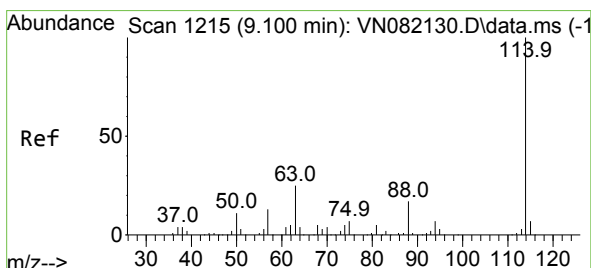
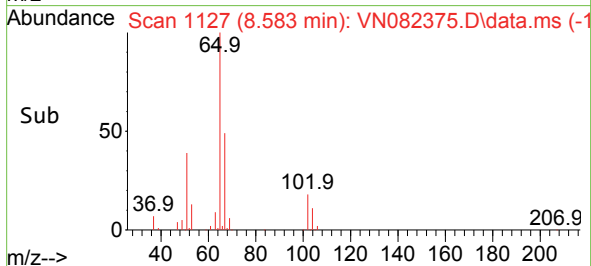
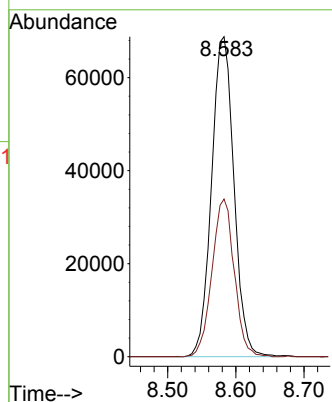
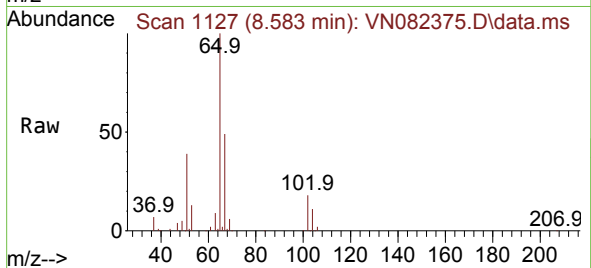
ClientSampleId :

Tgt Ion: 65 Resp: 157360

Ion Ratio Lower Upper

65 100

67 49.0 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: VN082375.D

Acq: 29 May 2024 17:05

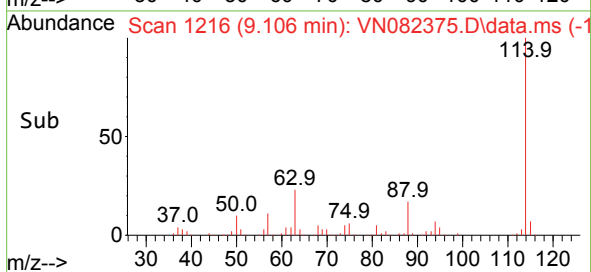
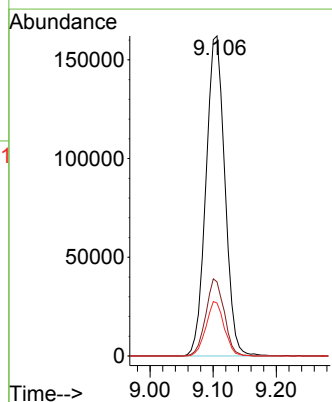
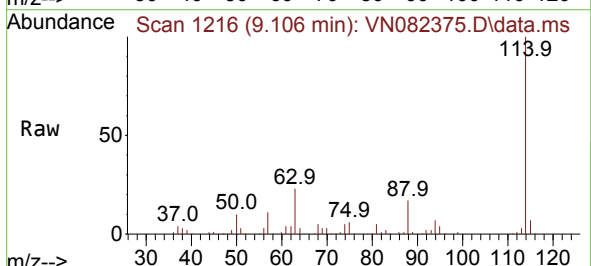
Tgt Ion: 114 Resp: 337288

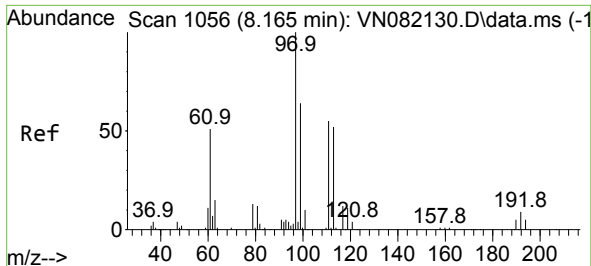
Ion Ratio Lower Upper

114 100

63 23.1 0.0 41.0

88 16.5 0.0 31.4

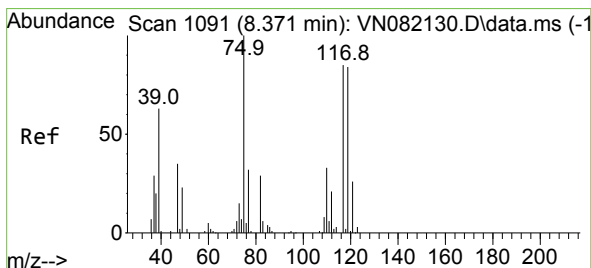
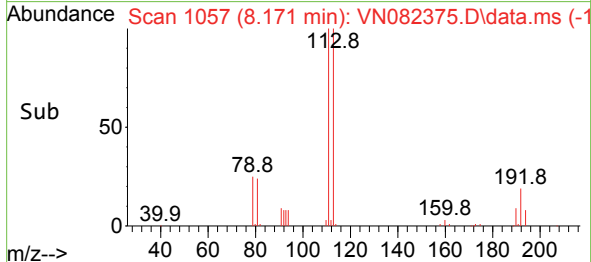
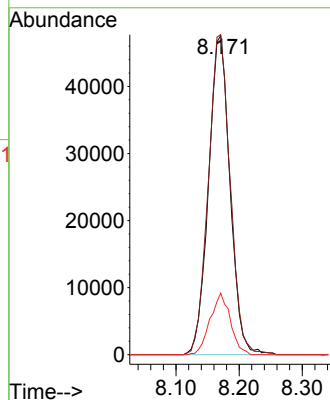
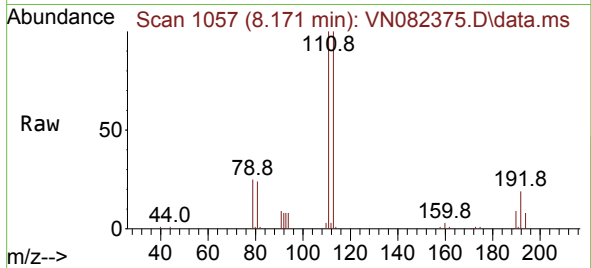




#35
Dibromofluoromethane
Concen: 54.153 ug/l
RT: 8.171 min Scan# 110
Delta R.T. 0.006 min
Lab File: VN082375.D
Acq: 29 May 2024 17:05

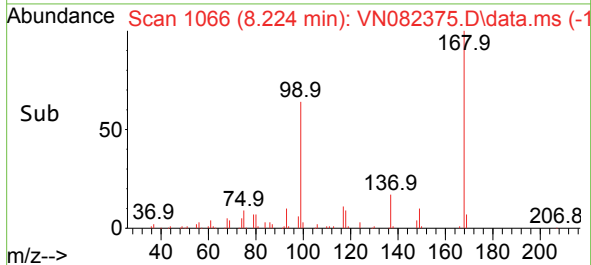
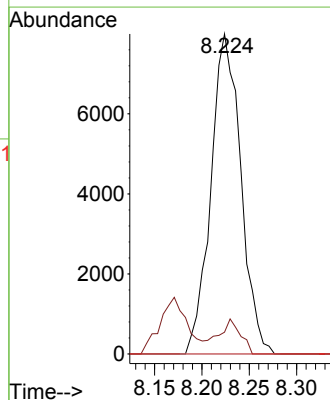
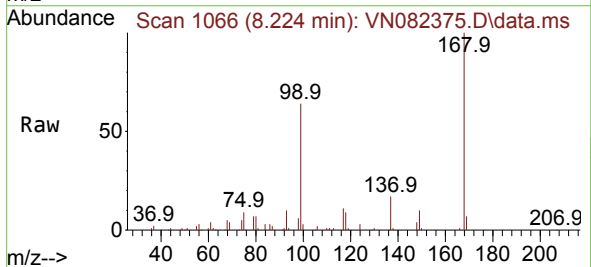
Instrument :
MSVOA_N
ClientSampleId :

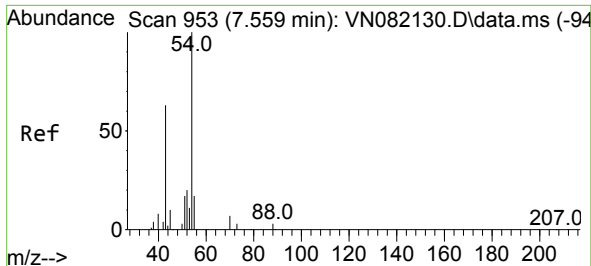
Tgt Ion:113 Resp: 112358
Ion Ratio Lower Upper
113 100
111 102.0 83.4 125.2
192 18.2 14.0 21.0



#36
1,1-Dichloropropene
Concen: 5.058 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082375.D
Acq: 29 May 2024 17:05

Tgt Ion: 75 Resp: 17602
Ion Ratio Lower Upper
75 100
110 8.3 17.8 53.5#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 1.288 ug/l

RT: 7.483 min Scan# 94

Delta R.T. -0.076 min

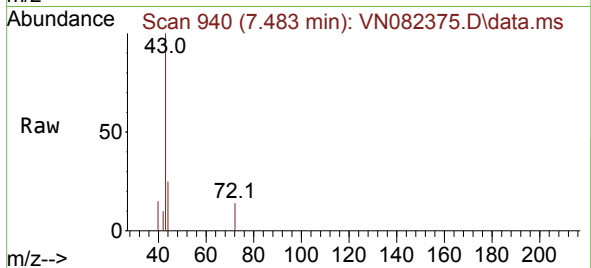
Lab File: VN082375.D

Acq: 29 May 2024 17:05

Instrument :

MSVOA_N

ClientSampleId :



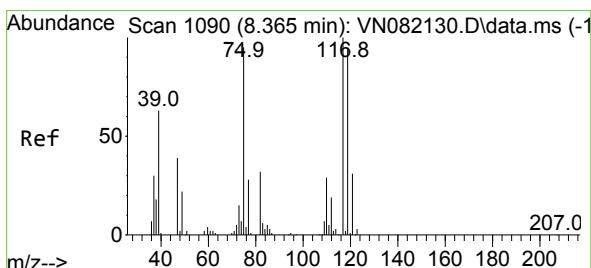
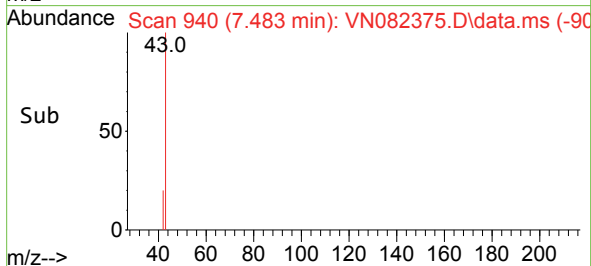
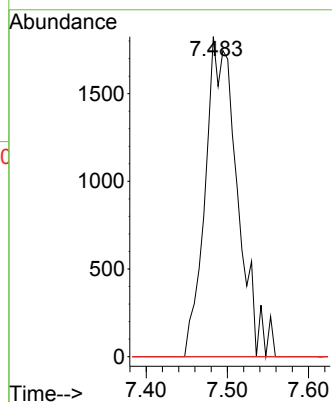
Tgt Ion: 43 Resp: 5014

Ion Ratio Lower Upper

43 100

61 0.0 11.3 16.9#

70 0.0 8.7 13.1#



#38

Carbon Tetrachloride

Concen: 6.004 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN082375.D

Acq: 29 May 2024 17:05

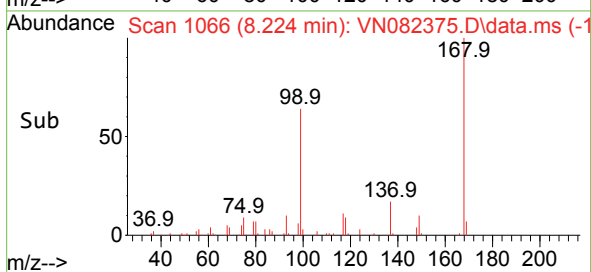
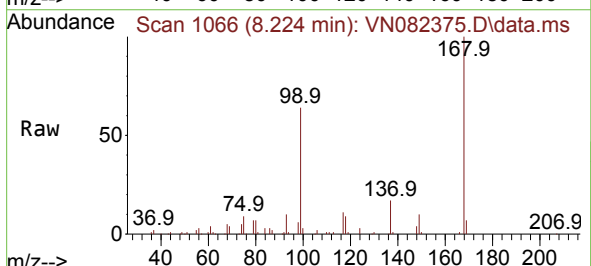
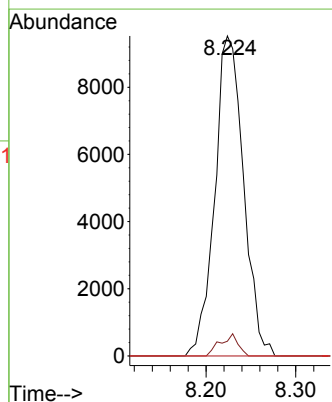
Tgt Ion: 117 Resp: 21181

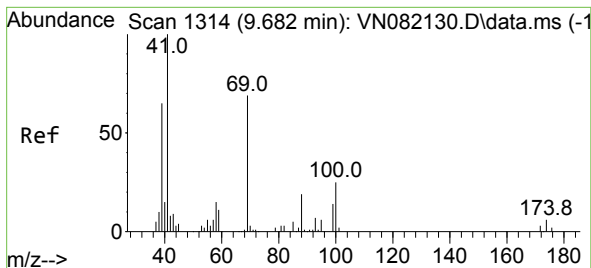
Ion Ratio Lower Upper

117 100

119 4.6 76.5 114.7#

121 0.0 23.9 35.9#





#48

Methyl methacrylate

Concen: 0.232 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. -0.024 min

Lab File: VN082375.D

Acq: 29 May 2024 17:05

Instrument :

MSVOA_N

ClientSampleId :

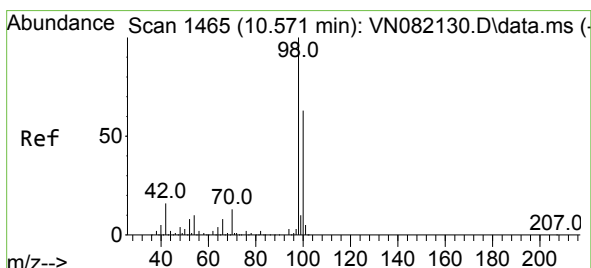
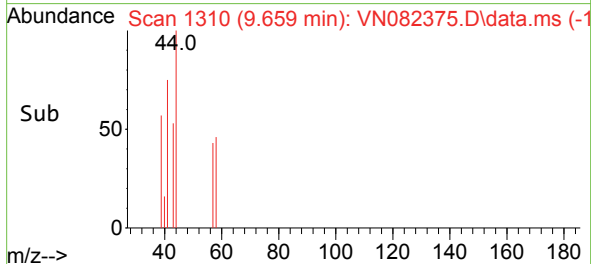
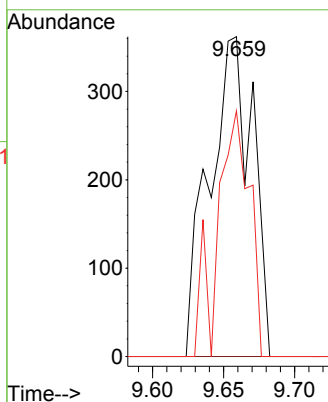
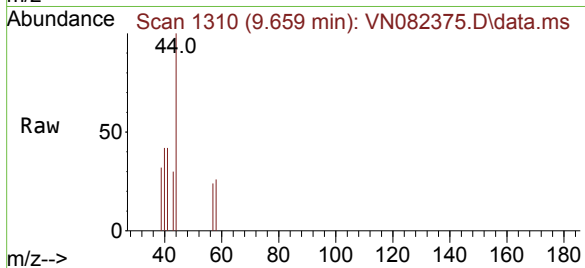
Tgt Ion: 41 Resp: 764

Ion Ratio Lower Upper

41 100

69 0.0 77.9 116.9#

39 57.3 50.9 76.3



#50

Toluene-d8

Concen: 54.214 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN082375.D

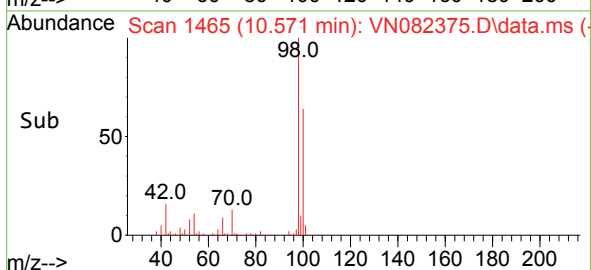
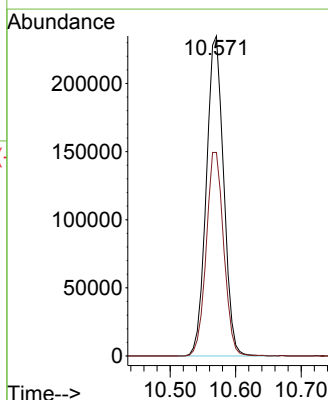
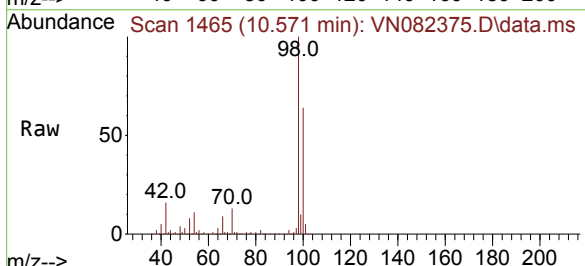
Acq: 29 May 2024 17:05

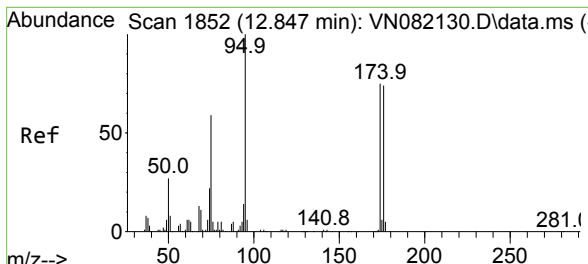
Tgt Ion: 98 Resp: 431259

Ion Ratio Lower Upper

98 100

100 64.2 51.8 77.6

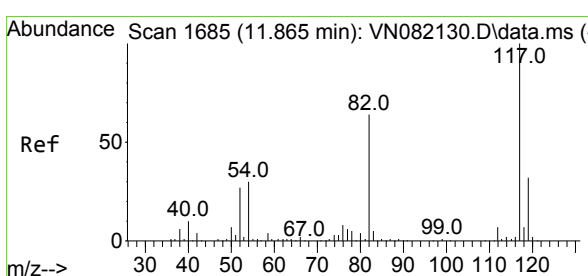
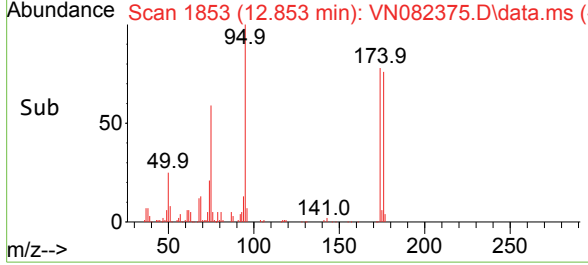
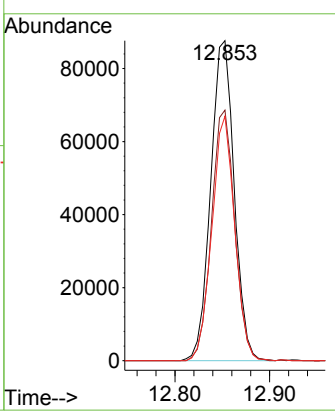
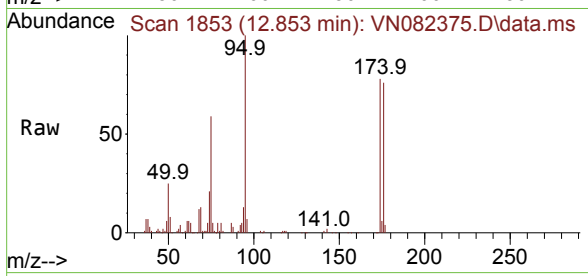




#62
 4-Bromofluorobenzene
 Concen: 53.299 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.006 min
 Lab File: VN082375.D
 Acq: 29 May 2024 17:05

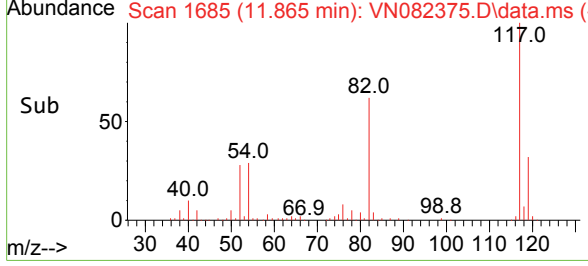
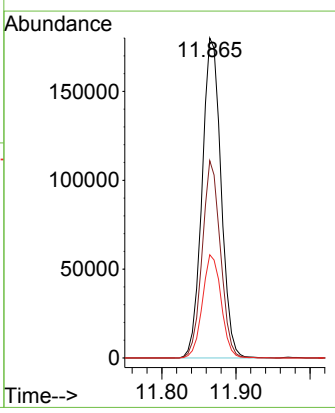
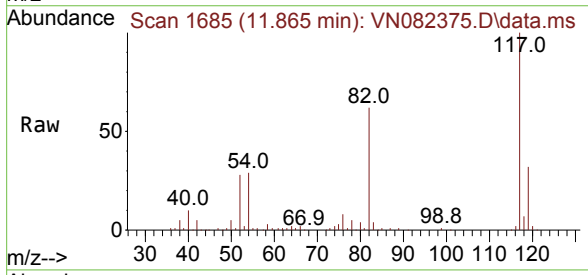
Instrument :
 MSVOA_N
 ClientSampleId :

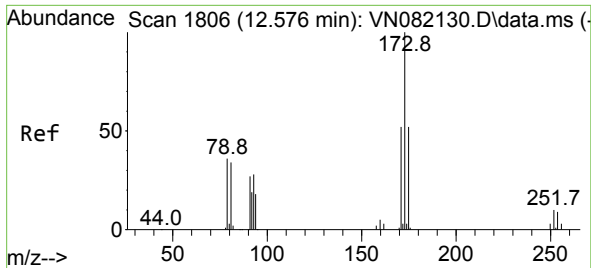
Tgt Ion:	95	Resp:	151330
Ion	Ratio	Lower	Upper
95	100		
174	77.3	0.0	160.6
176	74.3	0.0	152.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VN082375.D
 Acq: 29 May 2024 17:05

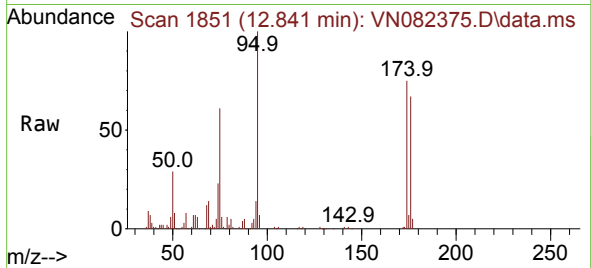
Tgt Ion:	117	Resp:	319815
Ion	Ratio	Lower	Upper
117	100		
82	61.6	44.6	66.8
119	32.3	25.9	38.9



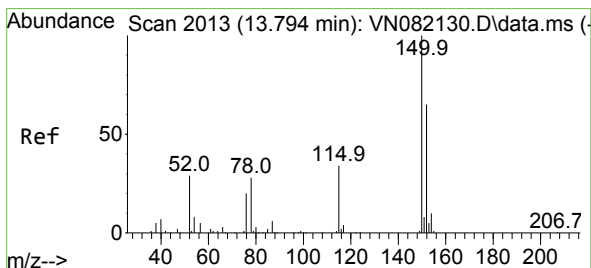
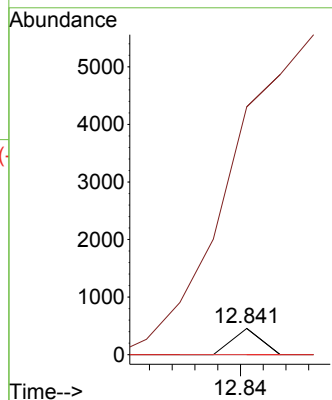
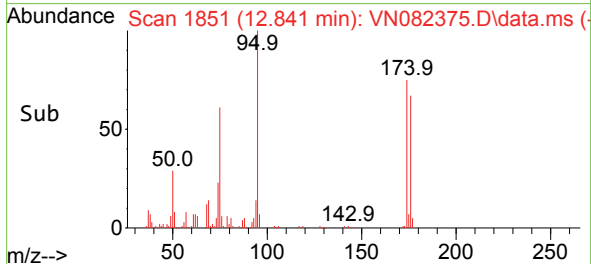


#71
Bromoform
Concen: 0.787 ug/l
RT: 12.841 min Scan# 1806
Delta R.T. 0.265 min
Lab File: VN082375.D
Acq: 29 May 2024 17:05

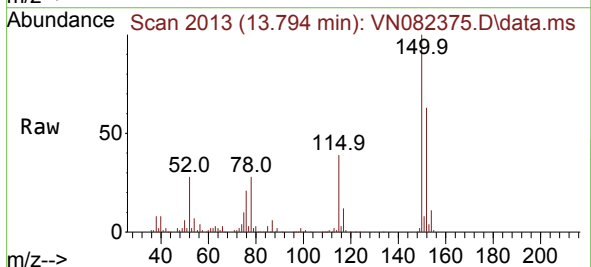
Instrument :
MSVOA_N
ClientSampleId :



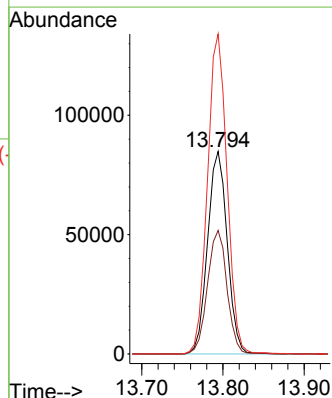
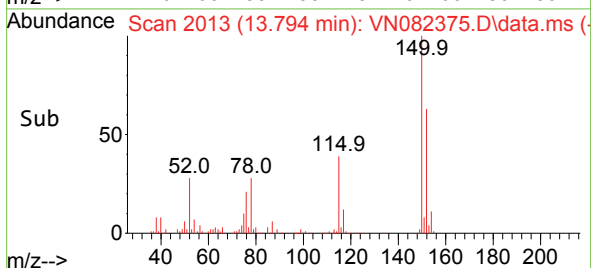
Tgt Ion:173 Resp: 161
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0

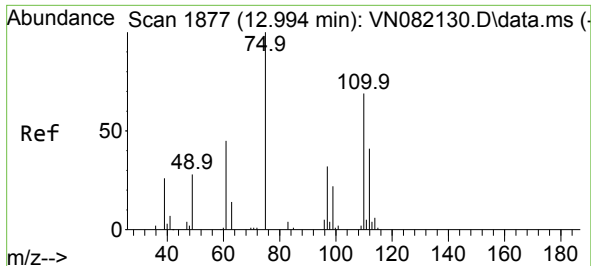


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082375.D
Acq: 29 May 2024 17:05



Tgt Ion:152 Resp: 142638
Ion Ratio Lower Upper
152 100
115 60.7 30.4 91.3
150 157.2 0.0 353.2

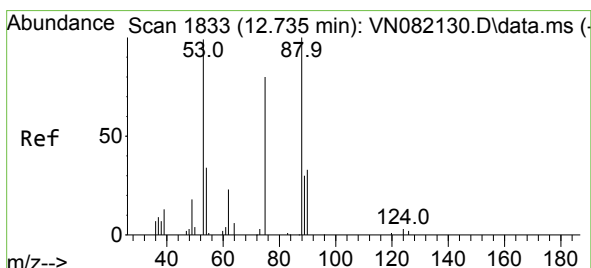
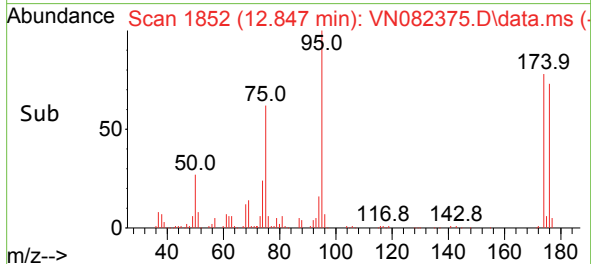
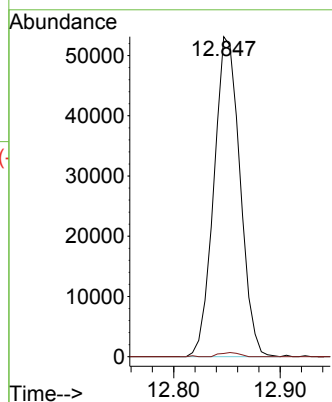
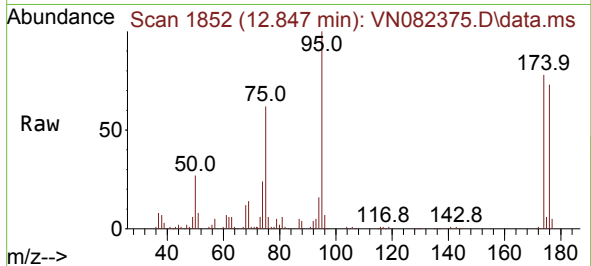




#76
1,2,3-Trichloropropane
Concen: 30.109 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082375.D
Acq: 29 May 2024 17:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 90394
Ion Ratio Lower Upper
75 100
77 1.0 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.425 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN082375.D
Acq: 29 May 2024 17:05

Tgt Ion: 75 Resp: 90394
Ion Ratio Lower Upper
75 100
53 0.1 72.9 109.3#
89 0.1 39.1 58.7#

