

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052924\
 Data File : VN082376.D
 Acq On : 29 May 2024 17:29
 Operator : JC\MD
 Sample : P2609-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 30 05:46:25 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)

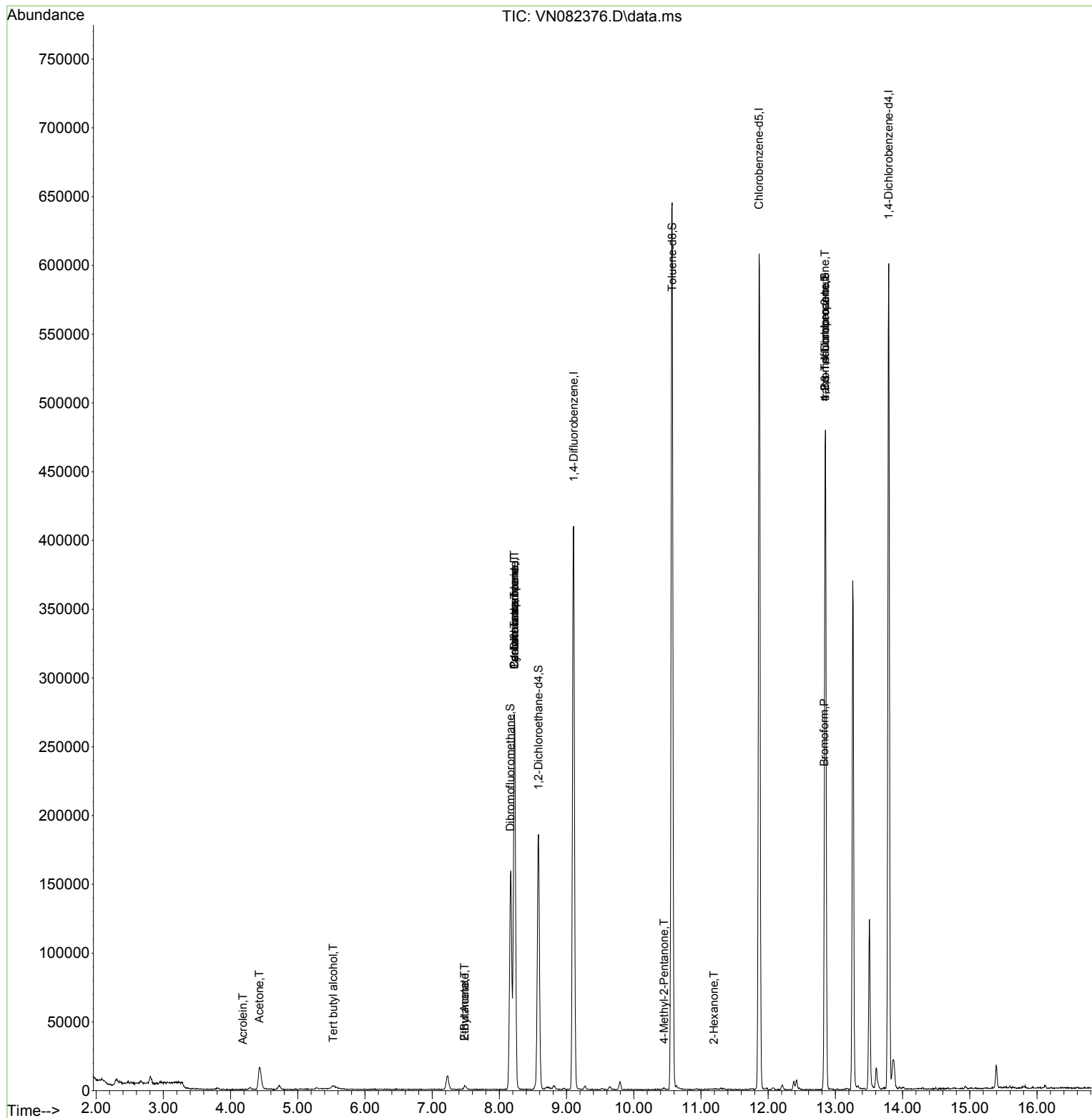
Internal Standards						
1) Pentafluorobenzene	8.224	168	187668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	333885	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	321194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	150731	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	155187	52.369	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.740%	
35) Dibromofluoromethane	8.165	113	108612	52.881	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.760%	
50) Toluene-d8	10.571	98	426541	54.167	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.340%	
62) 4-Bromofluorobenzene	12.847	95	156416	55.652	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 111.300%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.530	59	3681	7.738	ug/l #	71
13) Acrolein	4.183	56	128	0.363	ug/l #	15
16) Acetone	4.430	43	32386	26.642	ug/l	92
25) 2-Butanone	7.483	43	4796	2.602	ug/l	91
31) Cyclohexane	8.224	56	5080	1.073	ug/l #	52
36) 1,1-Dichloropropene	8.224	75	17172	4.985	ug/l #	50
37) Ethyl Acetate	7.483	43	4796	1.244	ug/l #	68
38) Carbon Tetrachloride	8.224	117	20495	5.869	ug/l #	18
51) 4-Methyl-2-Pentanone	10.453	43	1232	0.317	ug/l #	65
59) 2-Hexanone	11.194	43	662	0.233	ug/l #	23
71) Bromoform	12.835	173	142	0.776	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	91003	28.685	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	91003	67.092	ug/l #	12

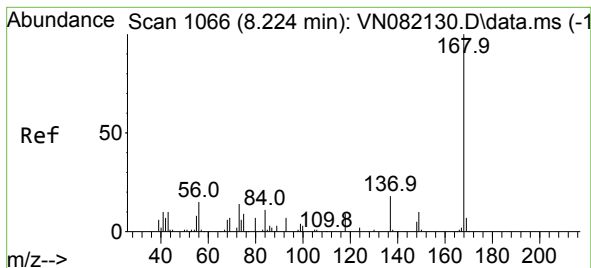
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN082376.D

Acq: 29 May 2024 17:29

Instrument :

MSVOA_N

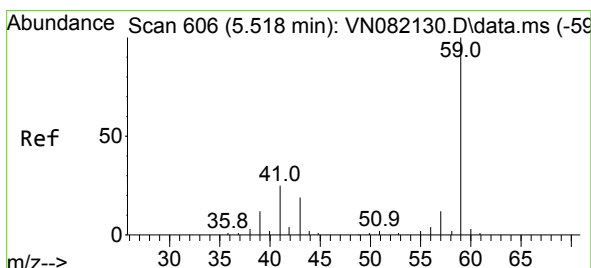
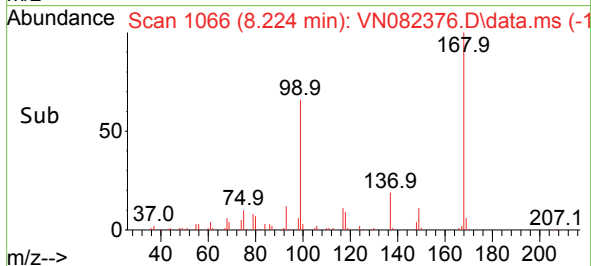
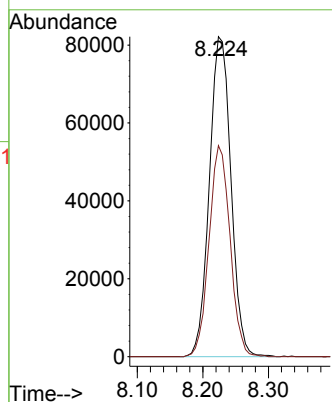
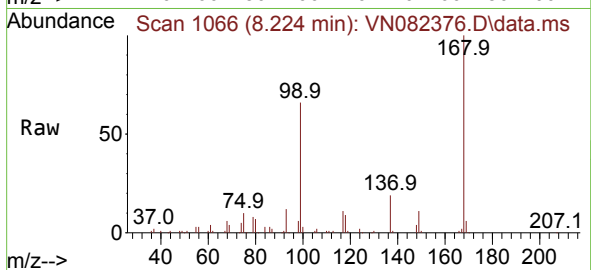
ClientSampleId :

Tgt Ion:168 Resp: 187668

Ion Ratio Lower Upper

168 100

99 66.0 48.2 72.4



#11

Tert butyl alcohol

Concen: 7.738 ug/l

RT: 5.530 min Scan# 608

Delta R.T. 0.012 min

Lab File: VN082376.D

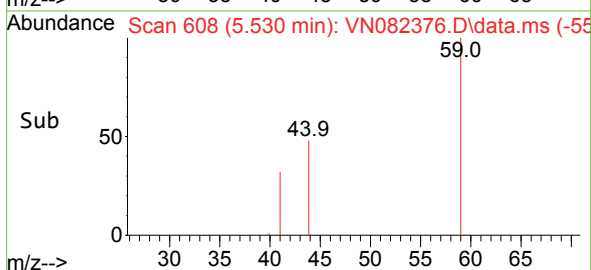
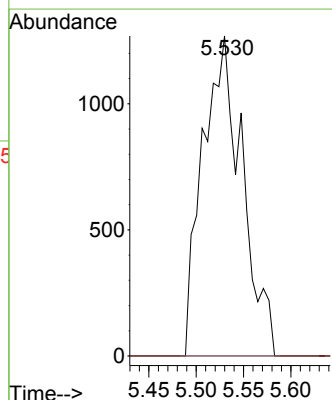
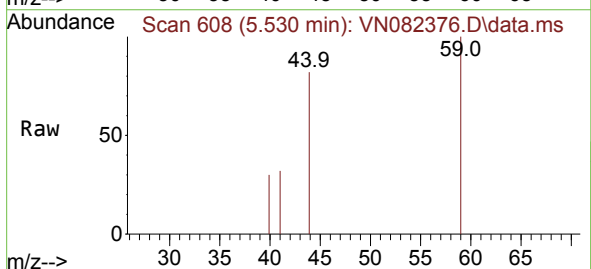
Acq: 29 May 2024 17:29

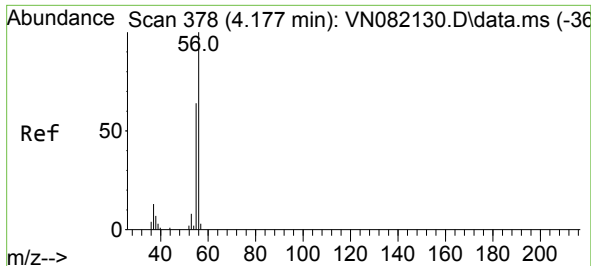
Tgt Ion: 59 Resp: 3681

Ion Ratio Lower Upper

59 100

57 0.0 8.9 13.3#





#13

Acrolein

Concen: 0.363 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN082376.D

Acq: 29 May 2024 17:29

Instrument :

MSVOA_N

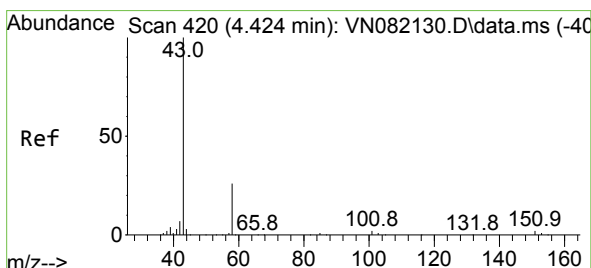
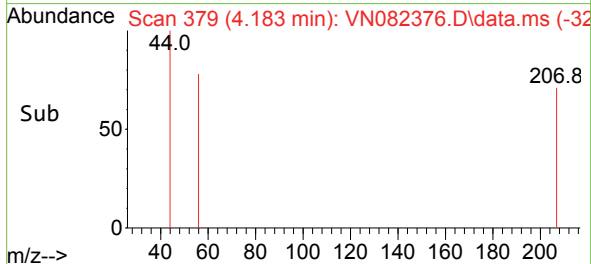
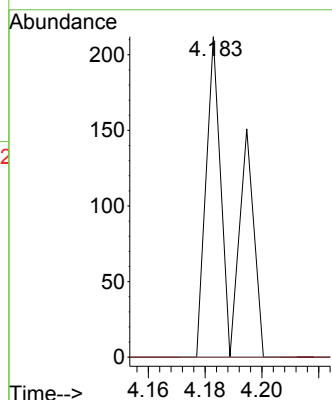
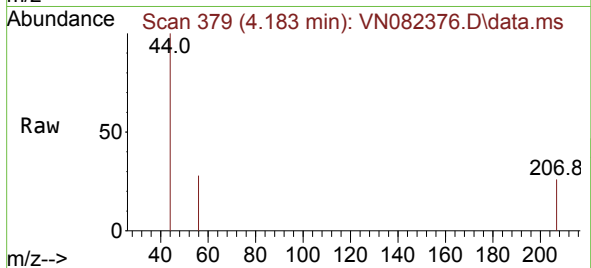
ClientSampleId :

Tgt Ion: 56 Resp: 128

Ion Ratio Lower Upper

56 100

55 0.0 55.8 83.8#



#16

Acetone

Concen: 26.642 ug/l

RT: 4.430 min Scan# 421

Delta R.T. 0.006 min

Lab File: VN082376.D

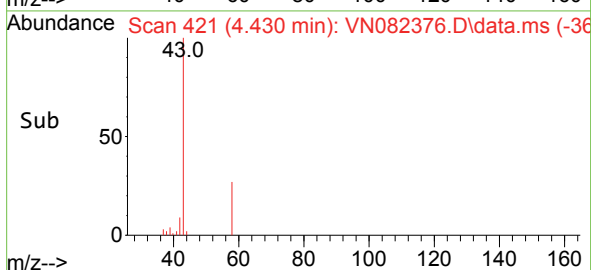
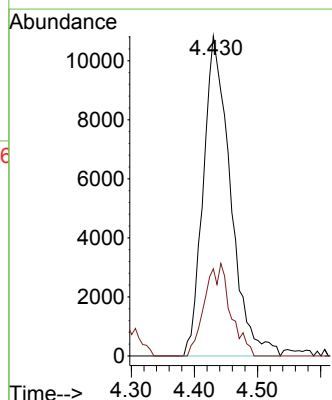
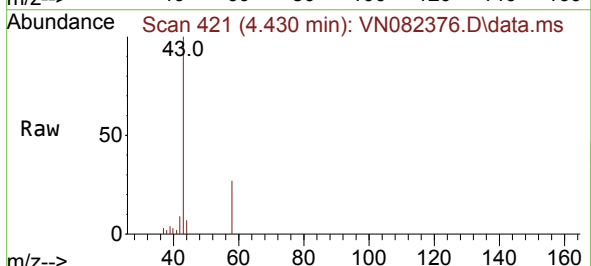
Acq: 29 May 2024 17:29

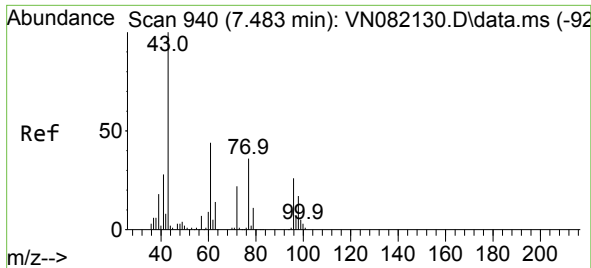
Tgt Ion: 43 Resp: 32386

Ion Ratio Lower Upper

43 100

58 27.3 25.2 37.8

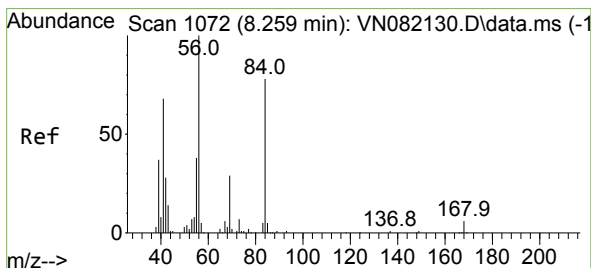
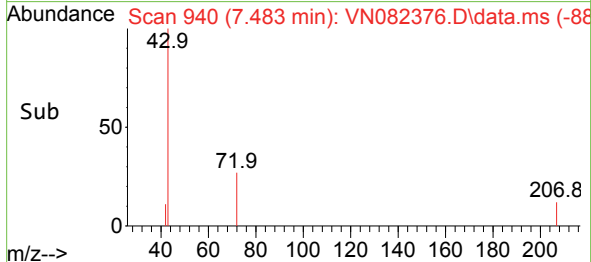
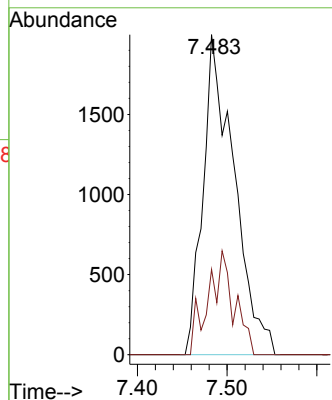
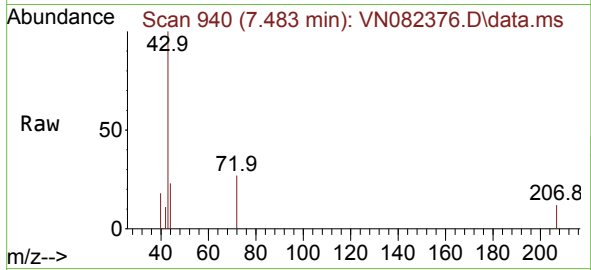




#25
2-Butanone
Concen: 2.602 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN082376.D
Acq: 29 May 2024 17:29

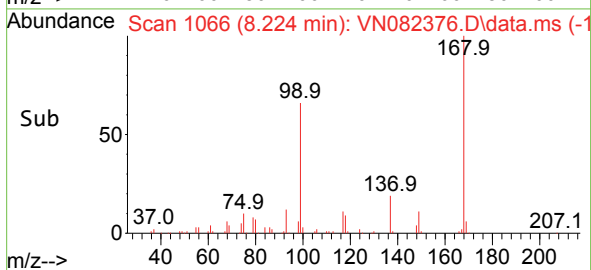
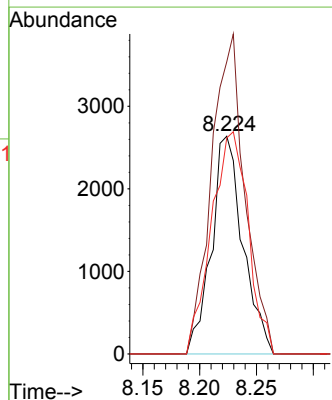
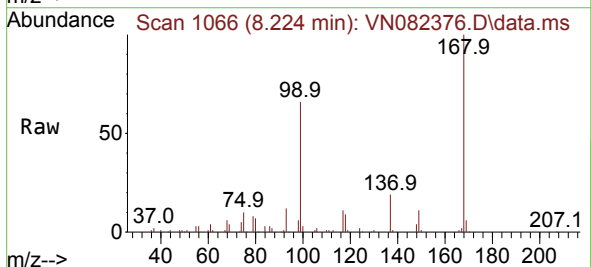
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 4796
Ion Ratio Lower Upper
43 100
72 26.6 25.3 37.9



#31
Cyclohexane
Concen: 1.073 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082376.D
Acq: 29 May 2024 17:29

Tgt Ion: 56 Resp: 5080
Ion Ratio Lower Upper
56 100
69 134.2 24.4 36.6#
84 99.2 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 52.369 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082376.D

Acq: 29 May 2024 17:29

Instrument :

MSVOA_N

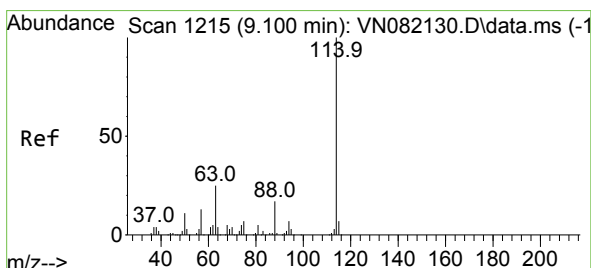
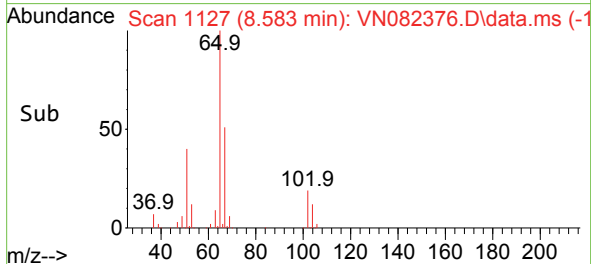
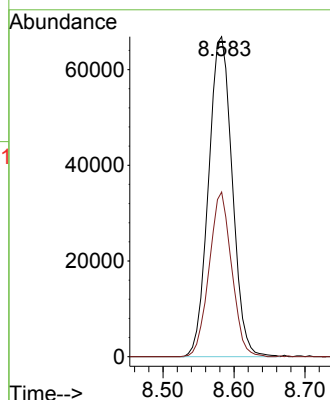
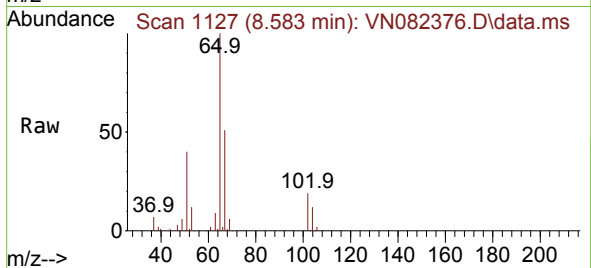
ClientSampleId :

Tgt Ion: 65 Resp: 155187

Ion Ratio Lower Upper

65 100

67 48.8 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: VN082376.D

Acq: 29 May 2024 17:29

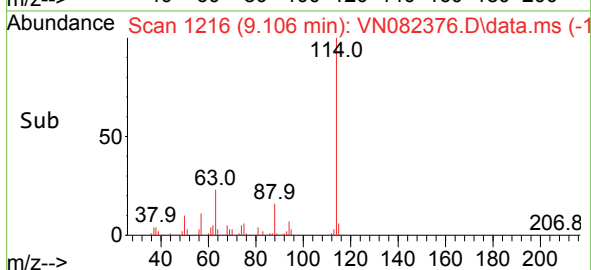
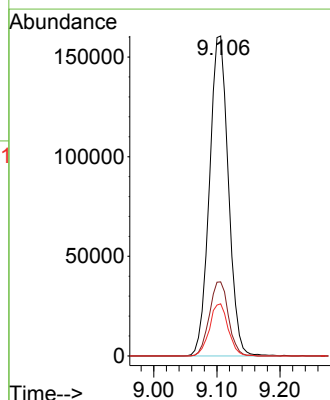
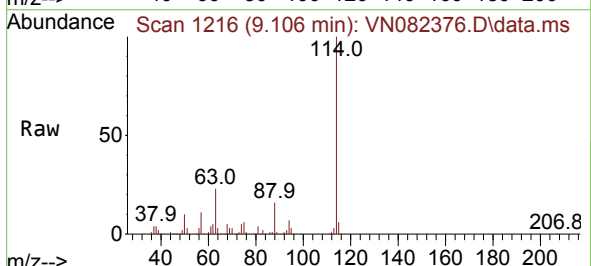
Tgt Ion: 114 Resp: 333885

Ion Ratio Lower Upper

114 100

63 23.2 0.0 41.0

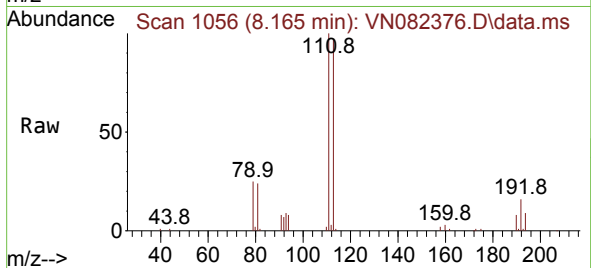
88 16.3 0.0 31.4



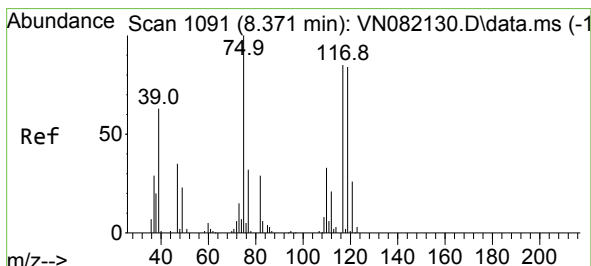
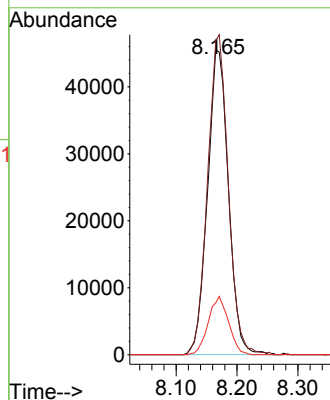
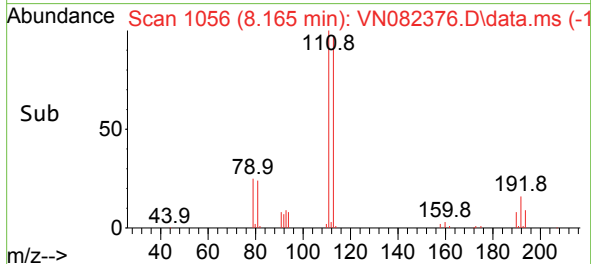


#35
Dibromofluoromethane
Concen: 52.881 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082376.D
Acq: 29 May 2024 17:29

Instrument :
MSVOA_N
ClientSampleId :

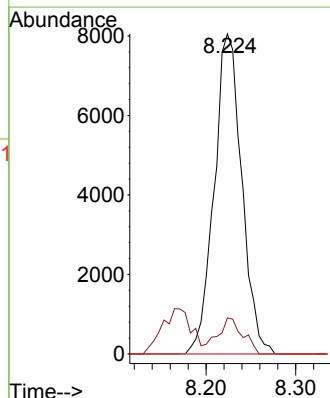
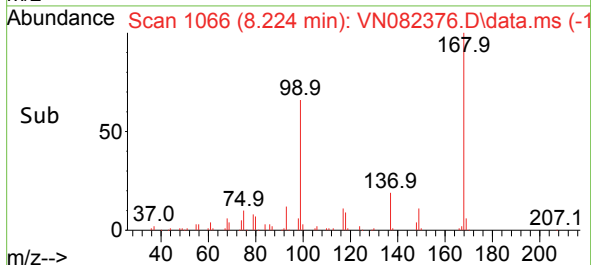
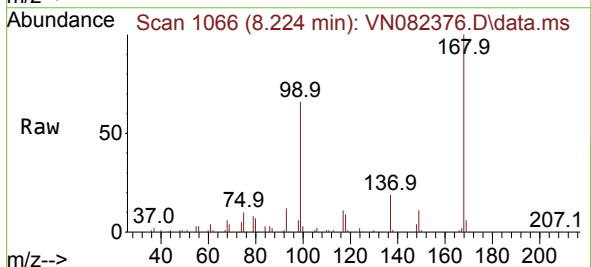


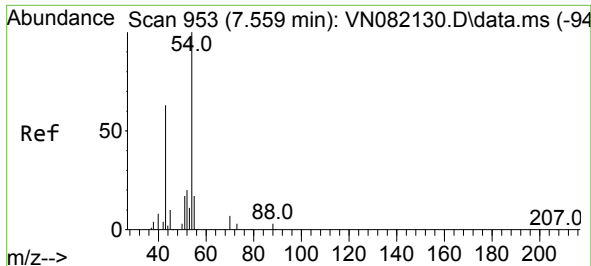
Tgt Ion:113 Resp: 108612
Ion Ratio Lower Upper
113 100
111 103.8 83.4 125.2
192 18.5 14.0 21.0



#36
1,1-Dichloropropene
Concen: 4.985 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082376.D
Acq: 29 May 2024 17:29

Tgt Ion: 75 Resp: 17172
Ion Ratio Lower Upper
75 100
110 9.9 17.8 53.5#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 1.244 ug/l

RT: 7.483 min Scan# 94

Delta R.T. -0.076 min

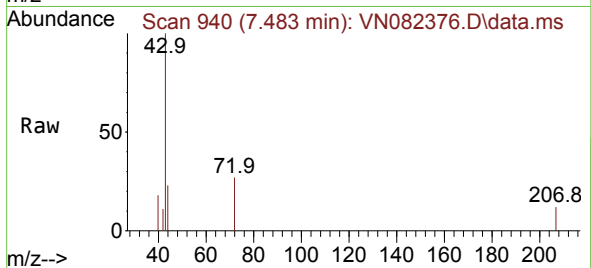
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Acq: 29 May 2024 17:29

Instrument :

MSVOA_N

ClientSampleId :



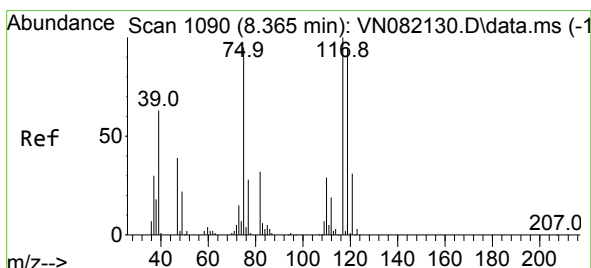
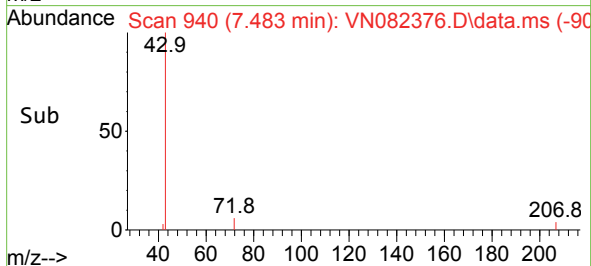
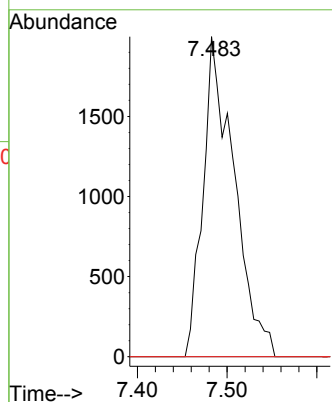
Tgt Ion: 43 Resp: 4796

Ion Ratio Lower Upper

43 100

61 0.0 11.3 16.9#

70 0.0 8.7 13.1#



#38

Carbon Tetrachloride

Concen: 5.869 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN082376.D

Acq: 29 May 2024 17:29

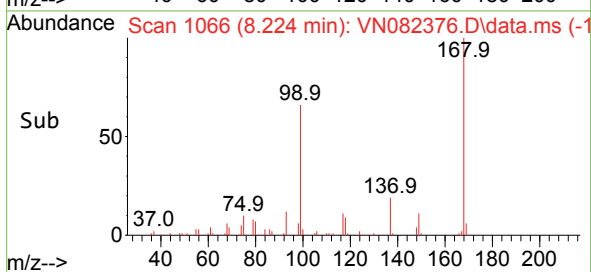
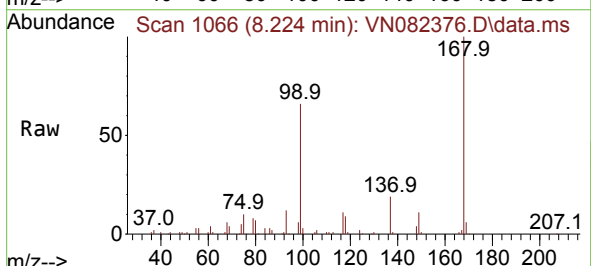
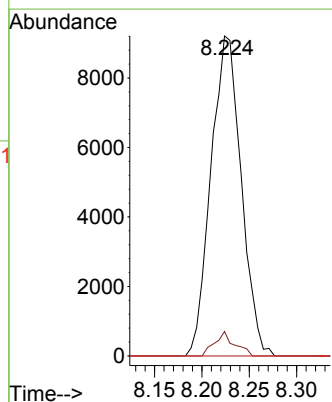
Tgt Ion: 117 Resp: 20495

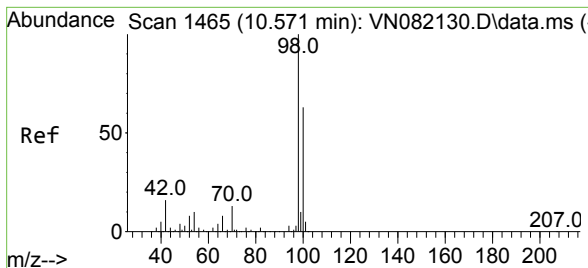
Ion Ratio Lower Upper

117 100

119 7.6 76.5 114.7#

121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 54.167 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN082376.D

Acq: 29 May 2024 17:29

Instrument :

MSVOA_N

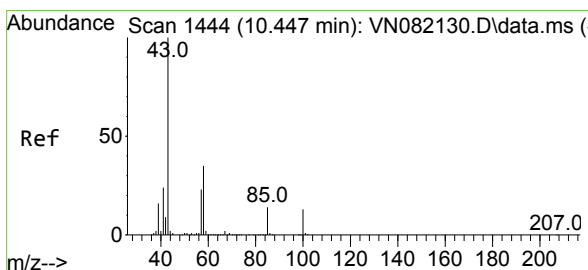
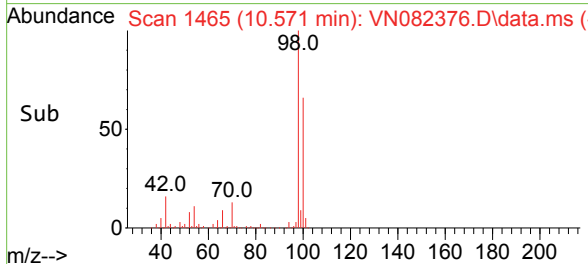
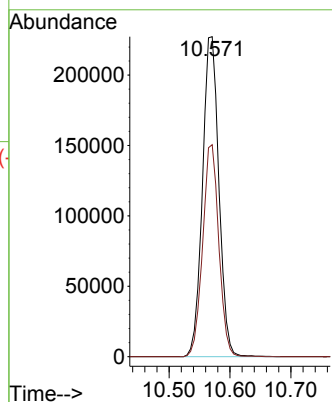
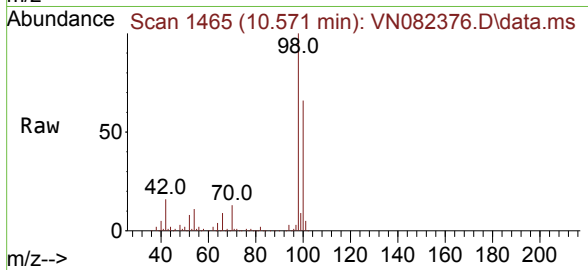
ClientSampleId :

Tgt Ion: 98 Resp: 426541

Ion Ratio Lower Upper

98 100

100 65.0 51.8 77.6



#51

4-Methyl-2-Pentanone

Concen: 0.317 ug/l

RT: 10.453 min Scan# 1445

Delta R.T. 0.006 min

Lab File: VN082376.D

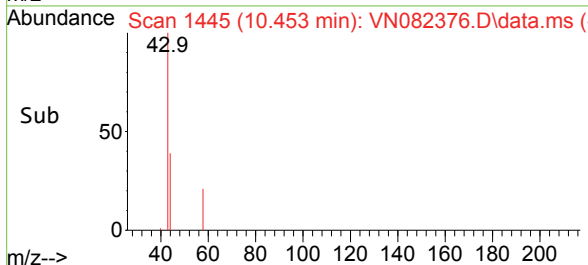
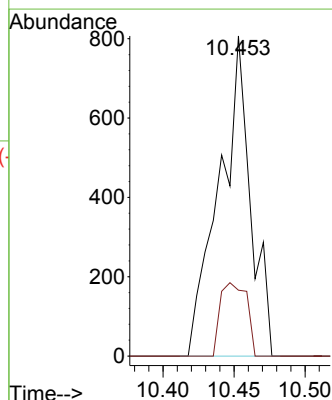
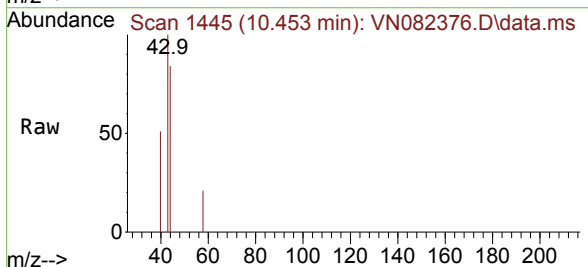
Acq: 29 May 2024 17:29

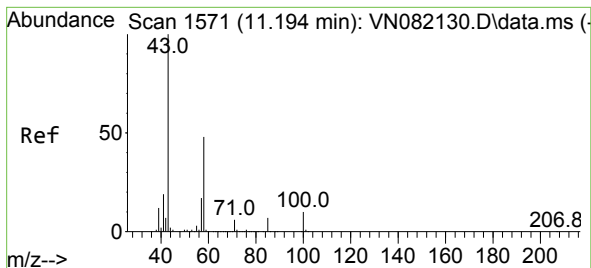
Tgt Ion: 43 Resp: 1232

Ion Ratio Lower Upper

43 100

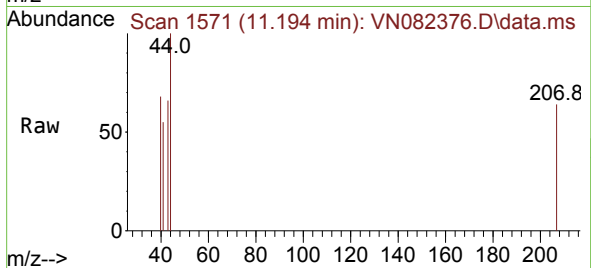
58 19.4 33.2 49.8#



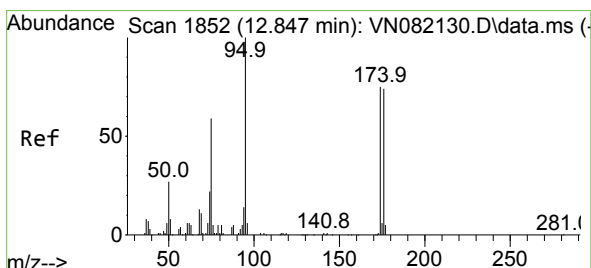
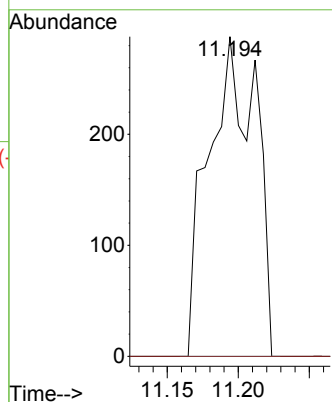
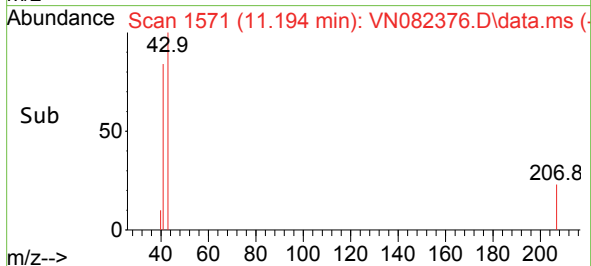


#59
2-Hexanone
Concen: 0.233 ug/l
RT: 11.194 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN082376.D
Acq: 29 May 2024 17:29

Instrument :
MSVOA_N
ClientSampleId :

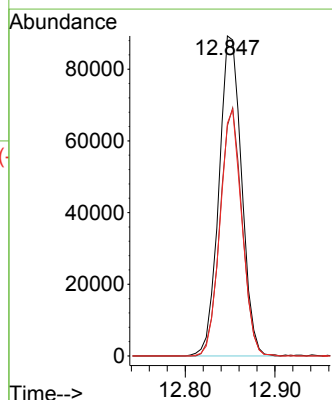
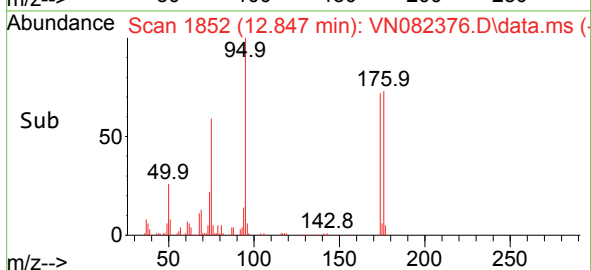
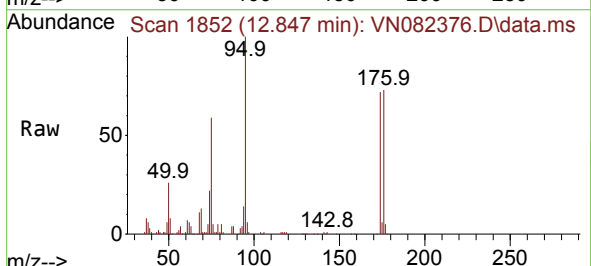


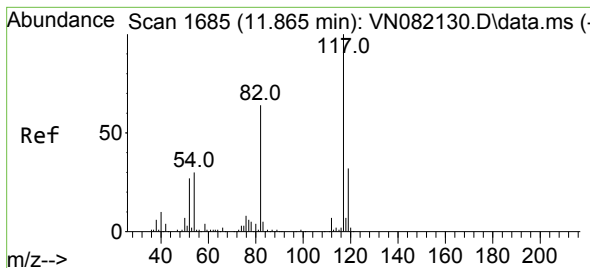
Tgt Ion: 43 Resp: 662
Ion Ratio Lower Upper
43 100
58 0.0 28.3 84.9#



#62
4-Bromofluorobenzene
Concen: 55.652 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082376.D
Acq: 29 May 2024 17:29

Tgt Ion: 95 Resp: 156416
Ion Ratio Lower Upper
95 100
174 75.0 0.0 160.6
176 74.1 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082376.D

Acq: 29 May 2024 17:29

Instrument :

MSVOA_N

ClientSampleId :

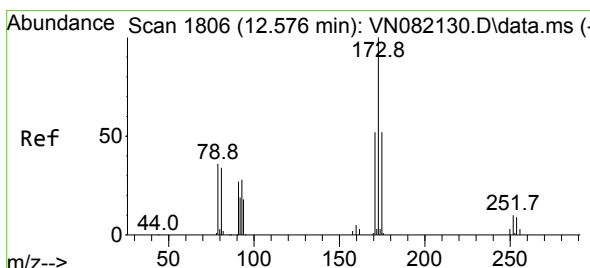
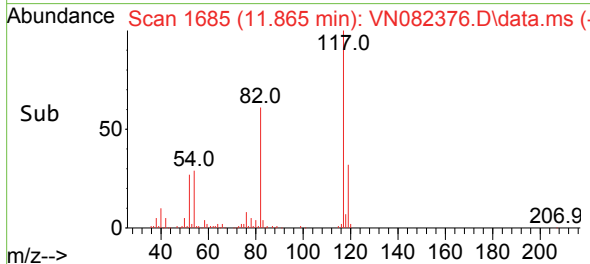
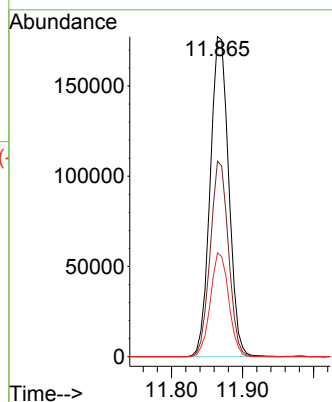
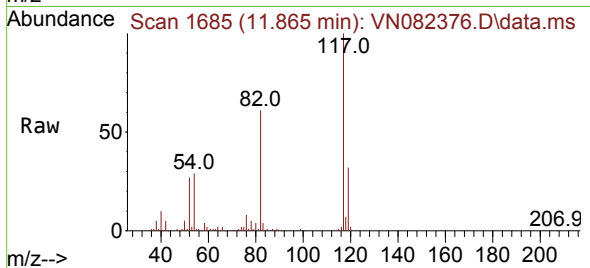
Tgt Ion:117 Resp: 321194

Ion Ratio Lower Upper

117 100

82 61.1 44.6 66.8

119 32.5 25.9 38.9



#71

Bromoform

Concen: 0.776 ug/l

RT: 12.835 min Scan# 1850

Delta R.T. 0.259 min

Lab File: VN082376.D

Acq: 29 May 2024 17:29

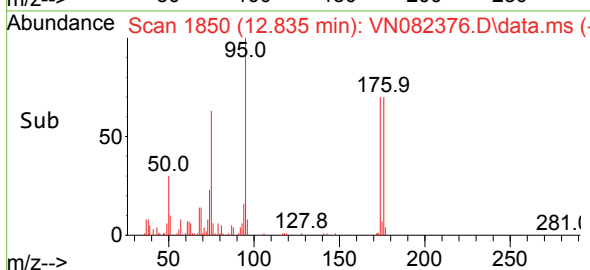
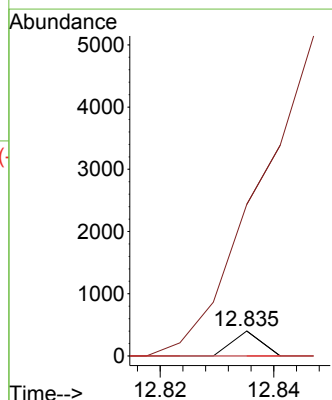
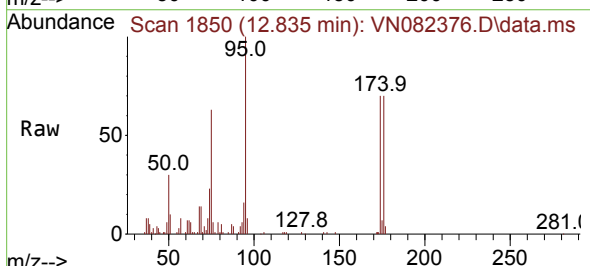
Tgt Ion:173 Resp: 142

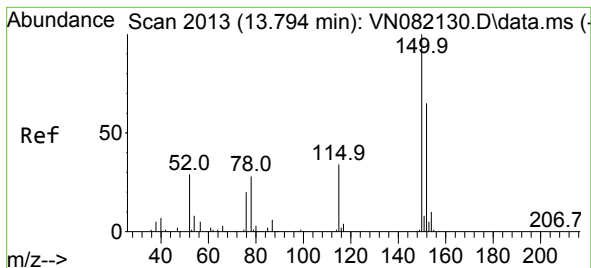
Ion Ratio Lower Upper

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# 20

Delta R.T. 0.000 min

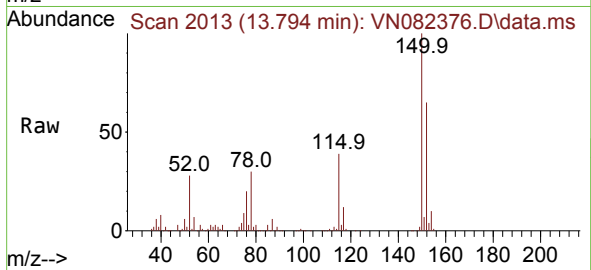
Lab File: VN082376.D

Acq: 29 May 2024 17:29

Instrument :

MSVOA_N

ClientSampleId :



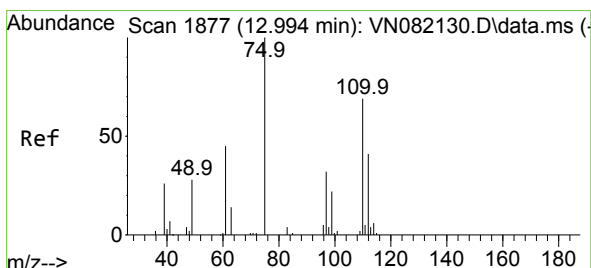
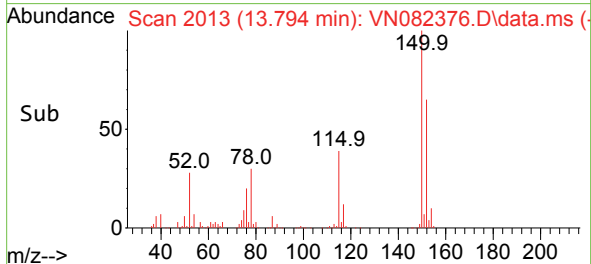
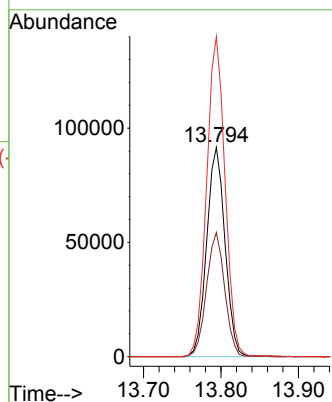
Tgt Ion:152 Resp: 150731

Ion Ratio Lower Upper

152 100

115 59.0 30.4 91.3

150 153.3 0.0 353.2



#76

1,2,3-Trichloropropane

Concen: 28.685 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN082376.D

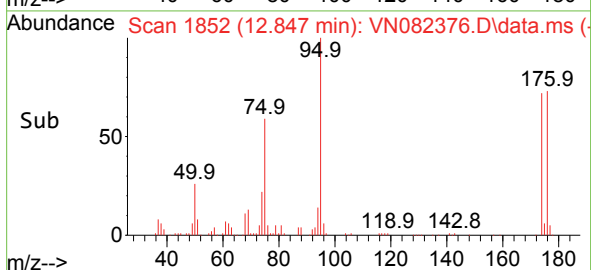
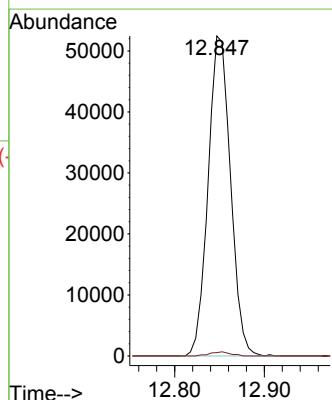
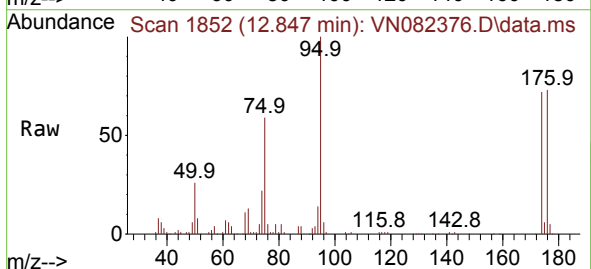
Acq: 29 May 2024 17:29

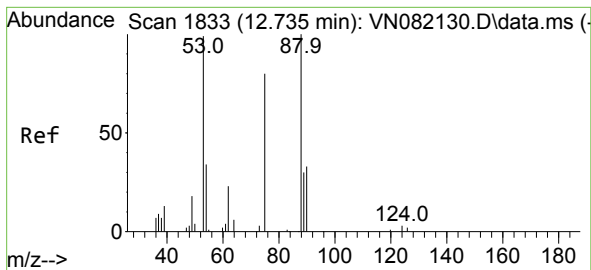
Tgt Ion: 75 Resp: 91003

Ion Ratio Lower Upper

75 100

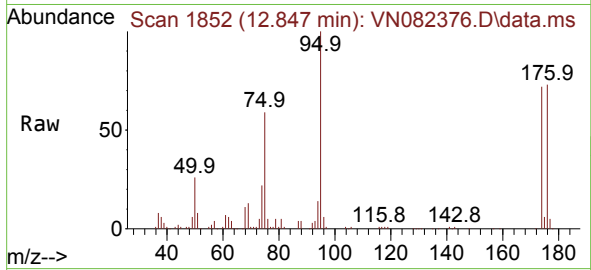
77 1.2 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.092 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN082376.D
 Acq: 29 May 2024 17:29

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 91003
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.9 109.3#
 89 0.0 39.1 58.7#

