

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052924\
 Data File : VN082373.D
 Acq On : 29 May 2024 16:16
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 30 05:45:22 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)

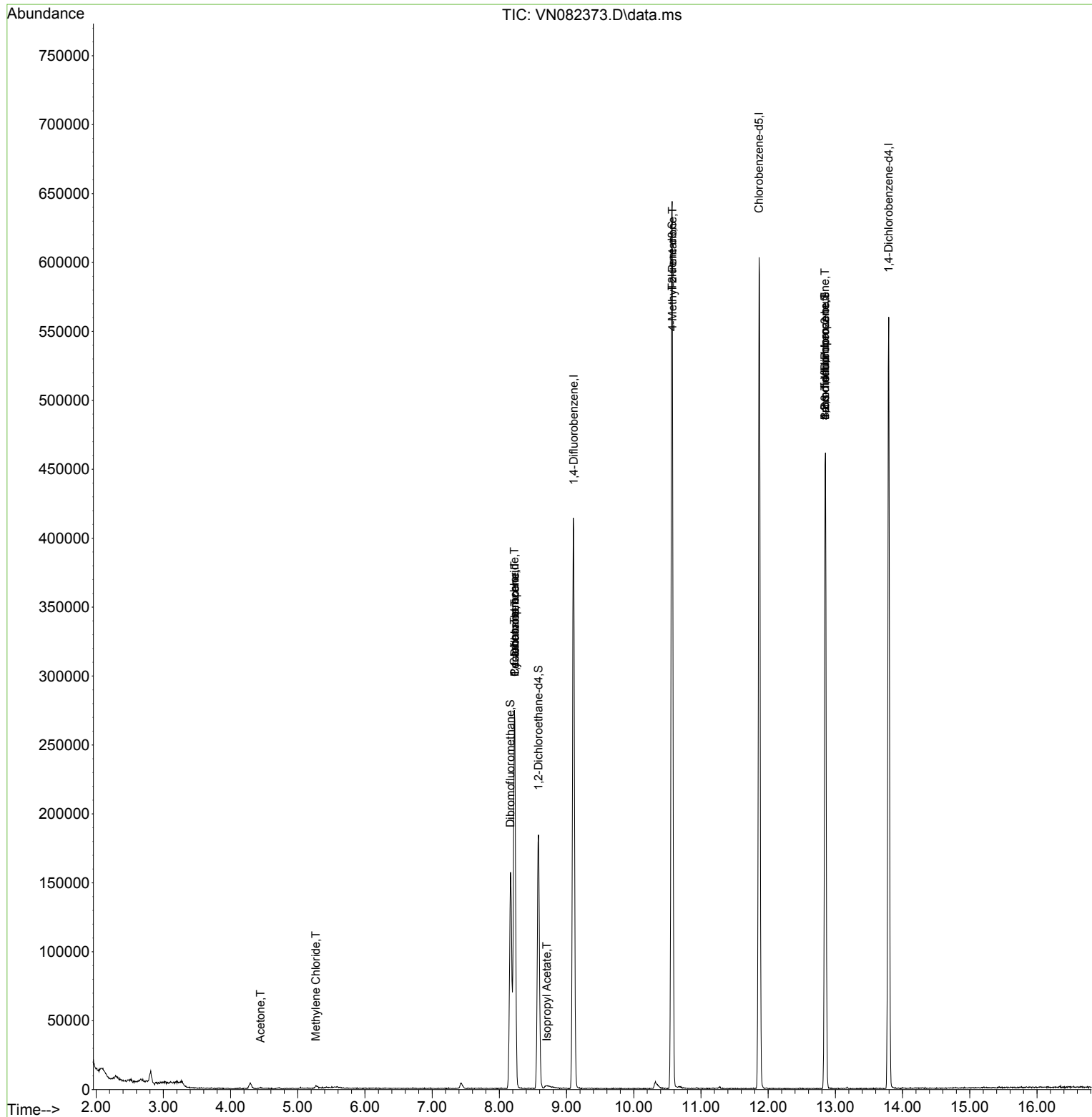
Internal Standards						
1) Pentafluorobenzene	8.229	168	189712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	335377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	313348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	138166	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	153967	51.398	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.800%			
35) Dibromofluoromethane	8.165	113	107844	52.273	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.540%			
50) Toluene-d8	10.570	98	427080	53.994	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.980%			
62) 4-Bromofluorobenzene	12.847	95	149149	52.830	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 105.660%			
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	781	0.636	ug/l #	43
20) Methylene Chloride	5.271	84	1177	0.475	ug/l #	93
31) Cyclohexane	8.229	56	5453	1.140	ug/l #	49
36) 1,1-Dichloropropene	8.229	75	17810	5.147	ug/l #	49
38) Carbon Tetrachloride	8.224	117	20618	5.878	ug/l #	15
43) Isopropyl Acetate	8.706	43	2029	0.296	ug/l #	52
51) 4-Methyl-2-Pentanone	10.576	43	2626	0.674	ug/l #	1
71) Bromoform	12.847	173	1126	1.313	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	89277	30.700	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	89277	71.806	ug/l #	12

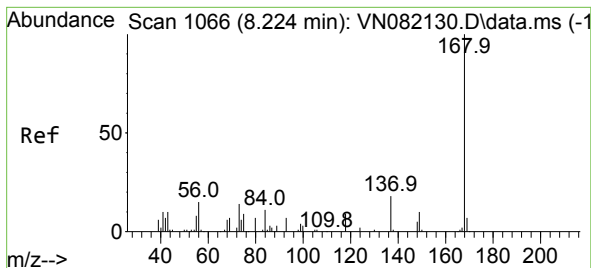
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN082373.D

Acq: 29 May 2024 16:16

Instrument :

MSVOA_N

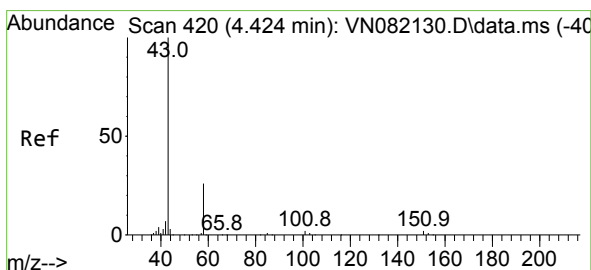
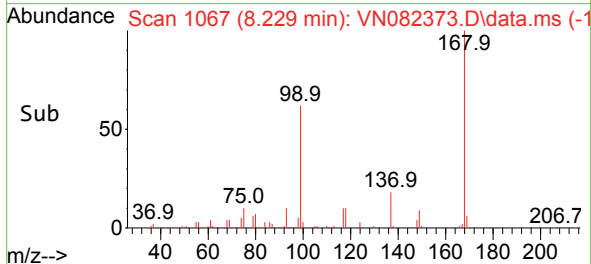
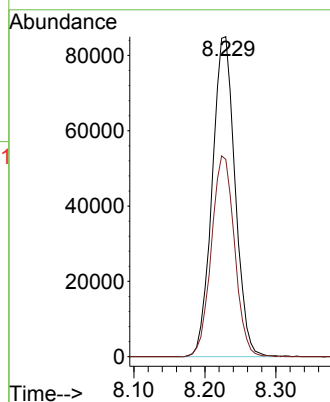
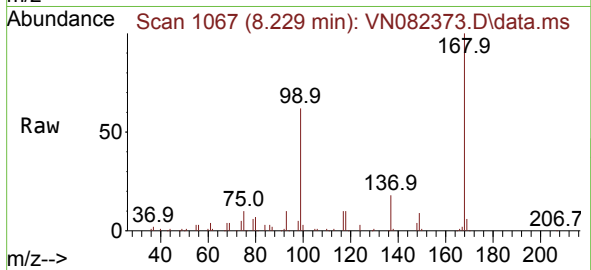
ClientSampleId :

Tgt Ion:168 Resp: 189712

Ion Ratio Lower Upper

168 100

99 61.6 48.2 72.4



#16

Acetone

Concen: 0.636 ug/l

RT: 4.447 min Scan# 424

Delta R.T. 0.023 min

Lab File: VN082373.D

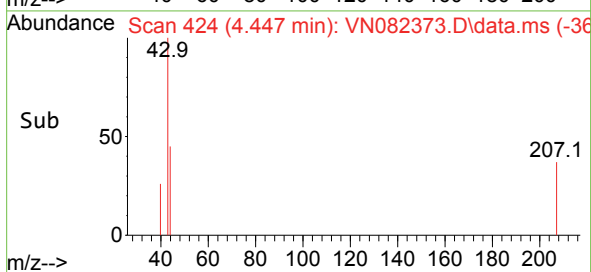
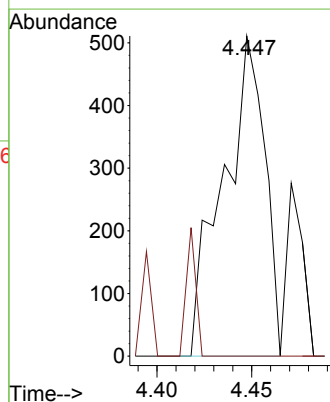
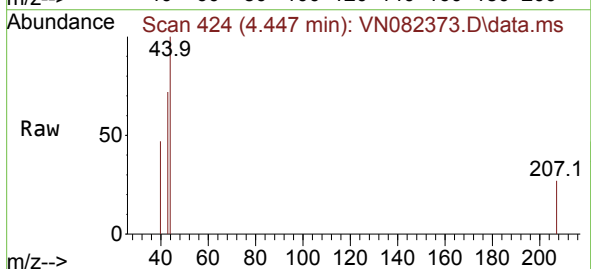
Acq: 29 May 2024 16:16

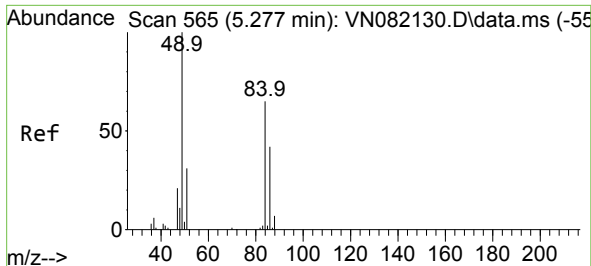
Tgt Ion: 43 Resp: 781

Ion Ratio Lower Upper

43 100

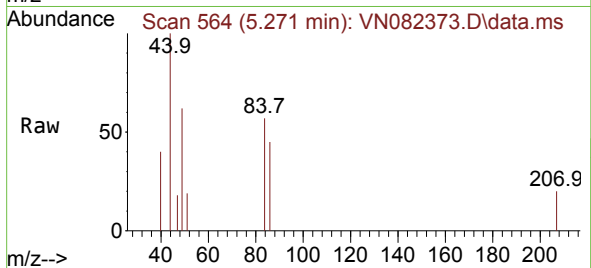
58 0.0 25.2 37.8#



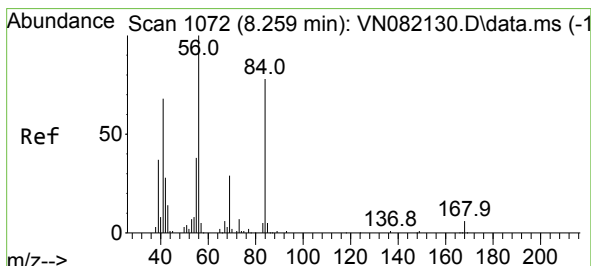
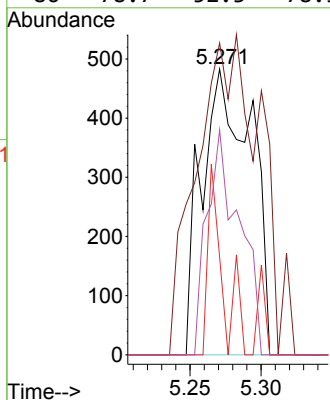
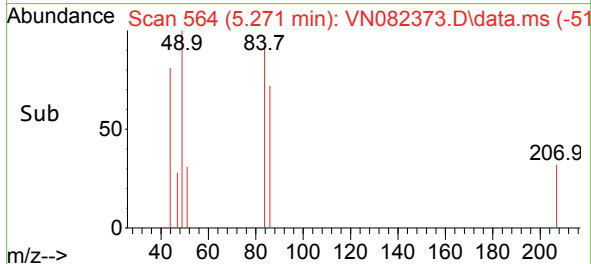


#20
Methylene Chloride
Concen: 0.475 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN082373.D
Acq: 29 May 2024 16:16

Instrument :
MSVOA_N
ClientSampleId :

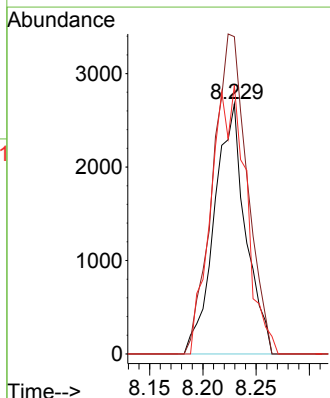
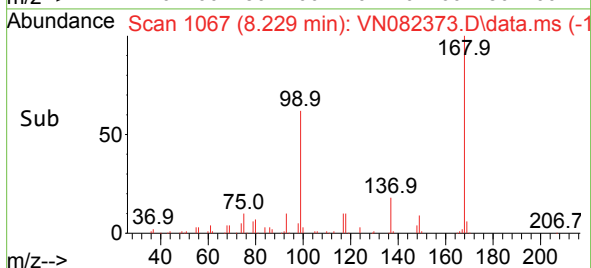
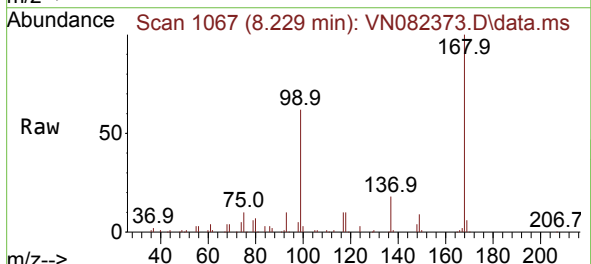


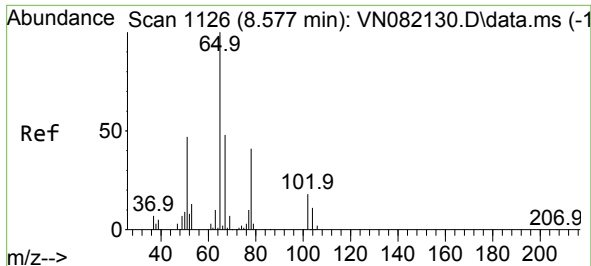
Tgt Ion:	84	Resp:	1177
Ion	Ratio	Lower	Upper
84	100		
49	109.1	84.9	127.3
51	34.2	27.0	40.6
86	78.7	52.3	78.5#



#31
Cyclohexane
Concen: 1.140 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN082373.D
Acq: 29 May 2024 16:16

Tgt Ion:	56	Resp:	5453
Ion	Ratio	Lower	Upper
56	100		
69	126.9	24.4	36.6#
84	107.5	77.0	115.4





#33

1,2-Dichloroethane-d4

Concen: 51.398 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082373.D

Acq: 29 May 2024 16:16

Instrument :

MSVOA_N

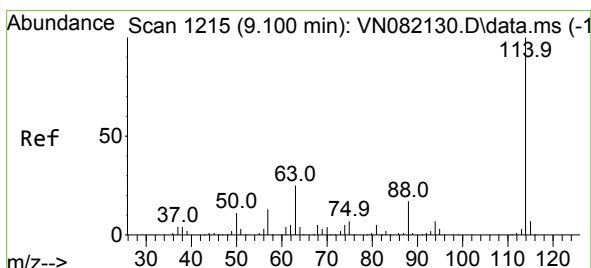
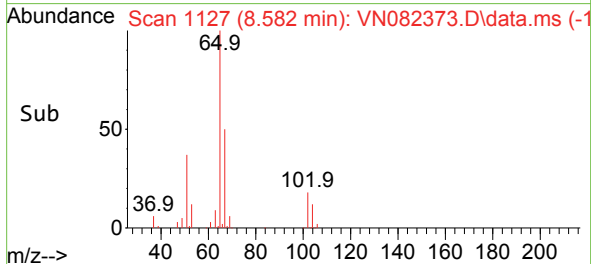
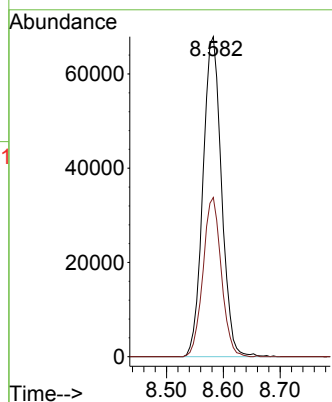
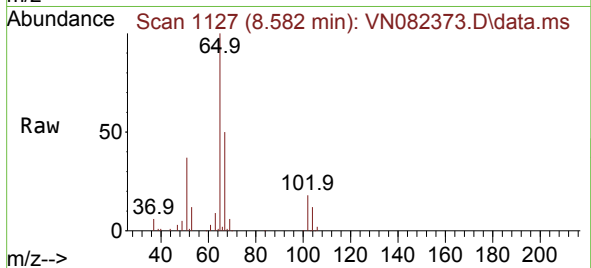
ClientSampleId :

Tgt Ion: 65 Resp: 153967

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: VN082373.D

Acq: 29 May 2024 16:16

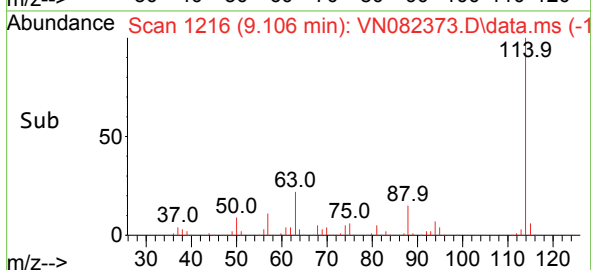
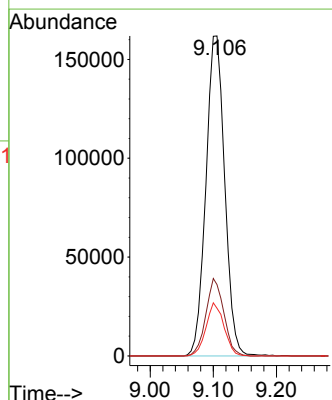
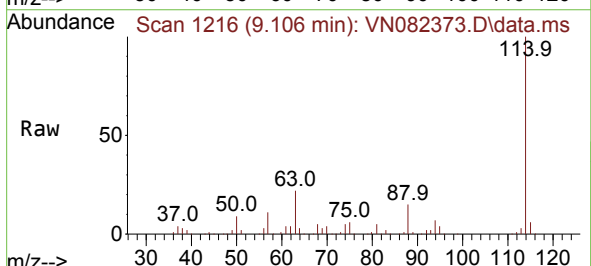
Tgt Ion: 114 Resp: 335377

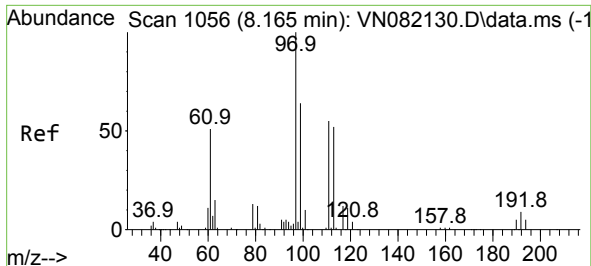
Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.0

88 14.9 0.0 31.4

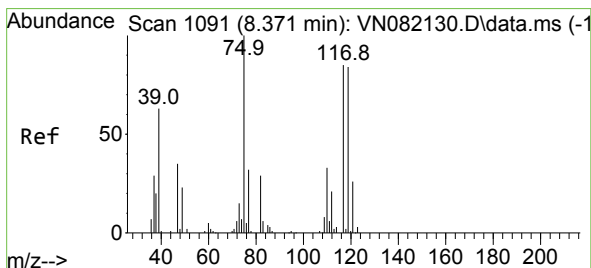
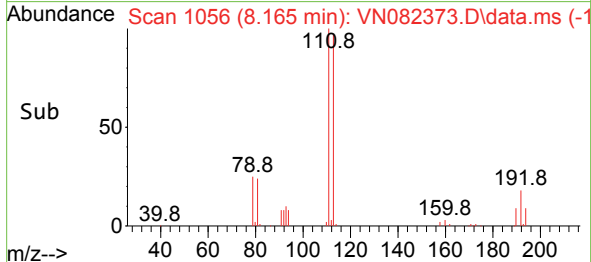
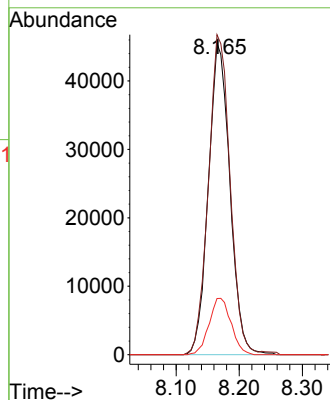
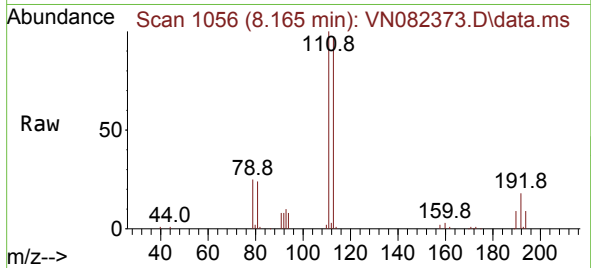




#35
Dibromofluoromethane
Concen: 52.273 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082373.D
Acq: 29 May 2024 16:16

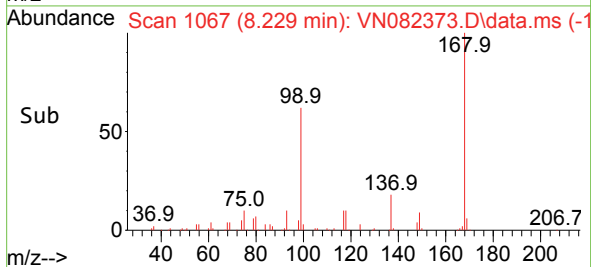
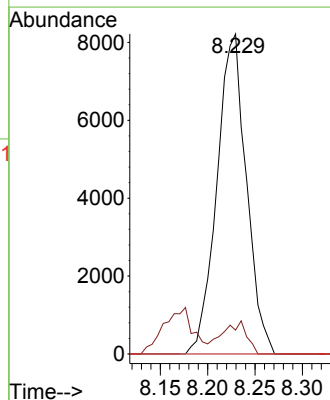
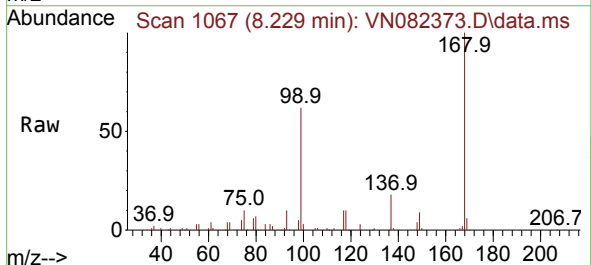
Instrument :
MSVOA_N
ClientSampleId :

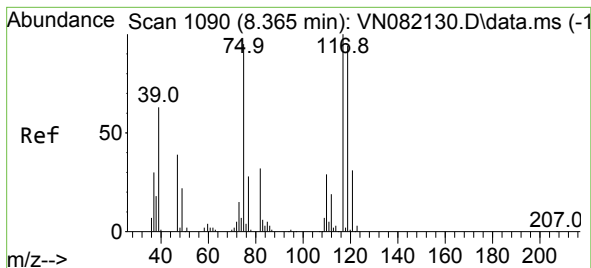
Tgt Ion:113 Resp: 107844
Ion Ratio Lower Upper
113 100
111 104.0 83.4 125.2
192 18.5 14.0 21.0



#36
1,1-Dichloropropene
Concen: 5.147 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082373.D
Acq: 29 May 2024 16:16

Tgt Ion: 75 Resp: 17810
Ion Ratio Lower Upper
75 100
110 8.5 17.8 53.5#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.878 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.141 min

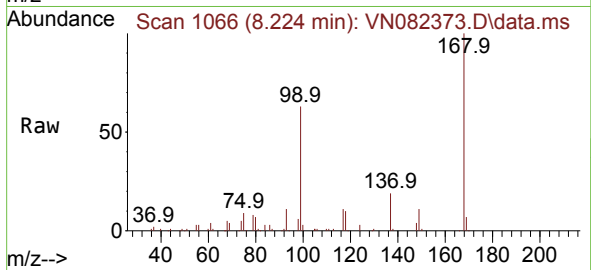
Lab File: VN082373.D

Acq: 29 May 2024 16:16

Instrument :

MSVOA_N

ClientSampleId :



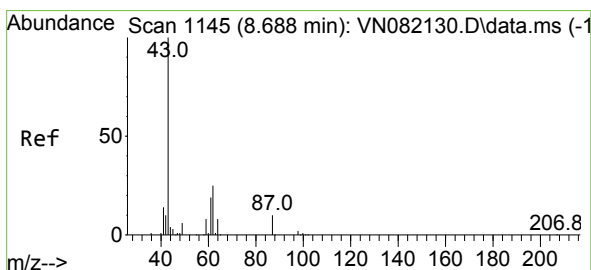
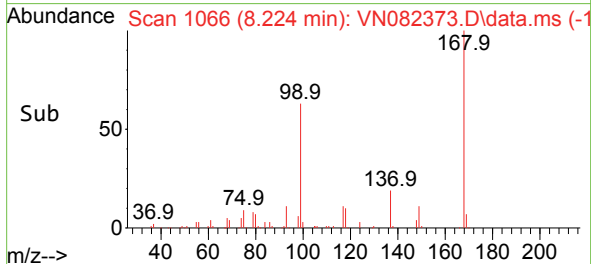
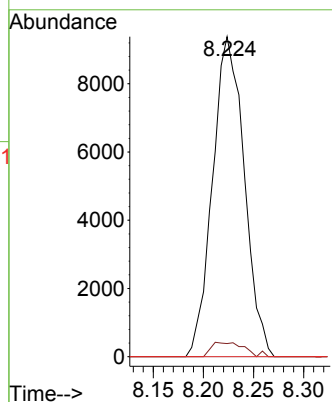
Tgt Ion:117 Resp: 20618

Ion Ratio Lower Upper

117 100

119 4.1 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 0.296 ug/l

RT: 8.706 min Scan# 1148

Delta R.T. 0.018 min

Lab File: VN082373.D

Acq: 29 May 2024 16:16

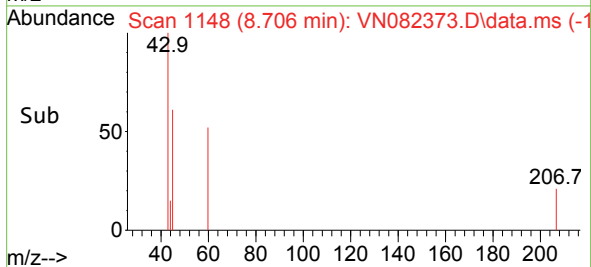
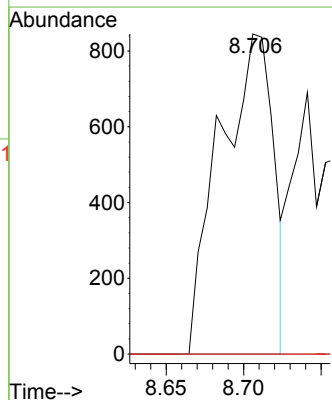
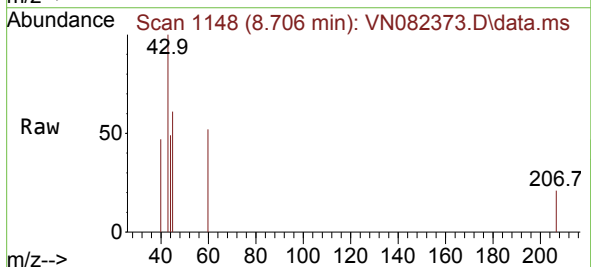
Tgt Ion: 43 Resp: 2029

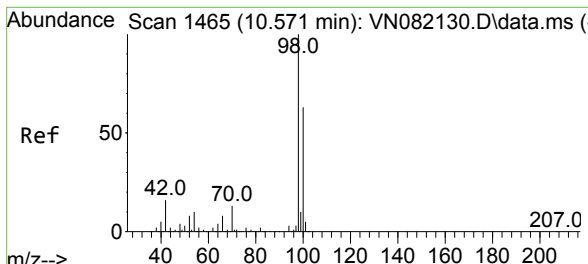
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#

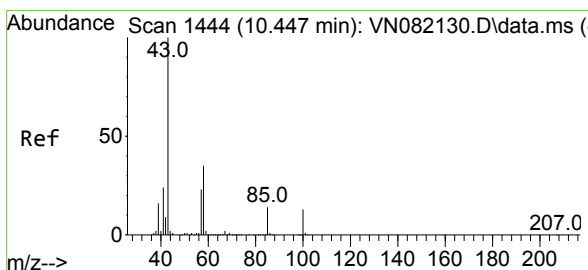
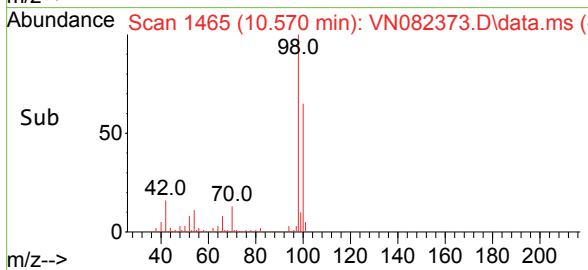
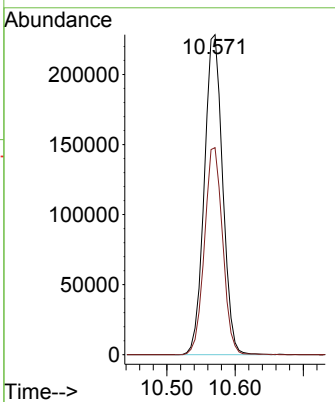
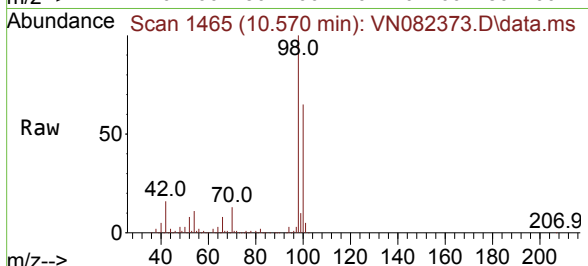




#50
Toluene-d8
Concen: 53.994 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082373.D
Acq: 29 May 2024 16:16

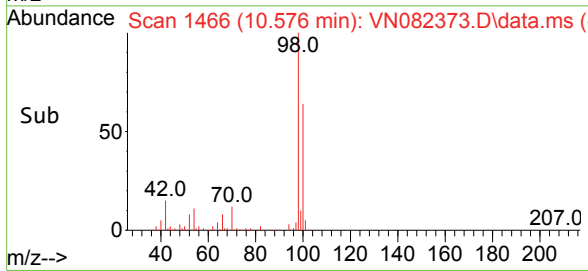
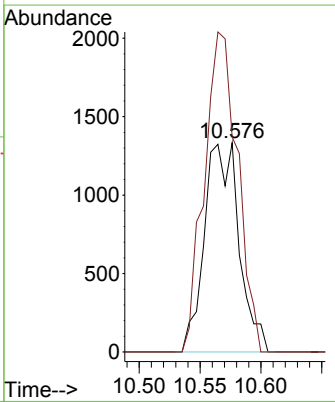
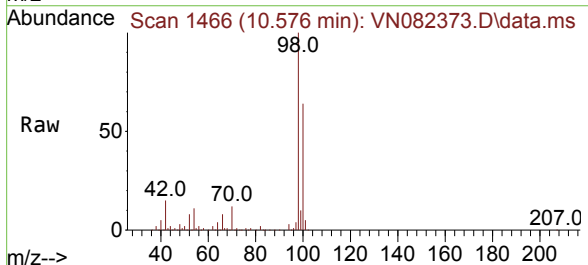
Instrument :
MSVOA_N
ClientSampleId :

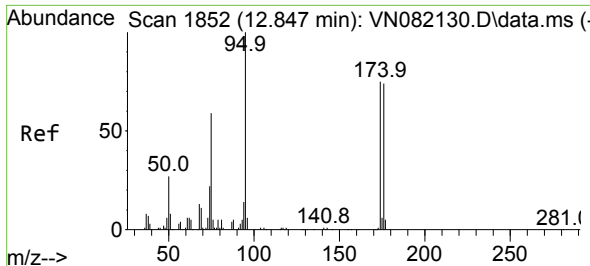
Tgt Ion: 98 Resp: 427080
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 0.674 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.129 min
Lab File: VN082373.D
Acq: 29 May 2024 16:16

Tgt Ion: 43 Resp: 2626
Ion Ratio Lower Upper
43 100
58 147.9 33.2 49.8#

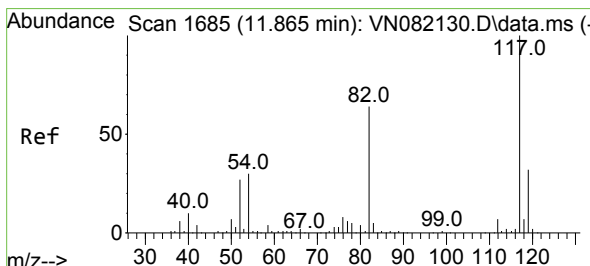
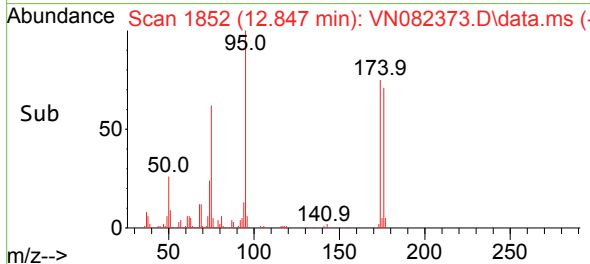
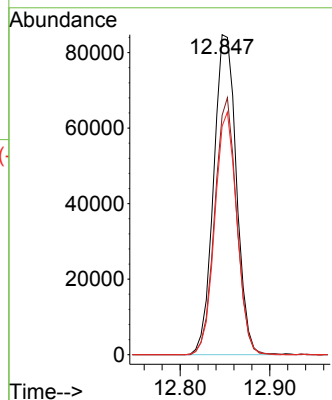
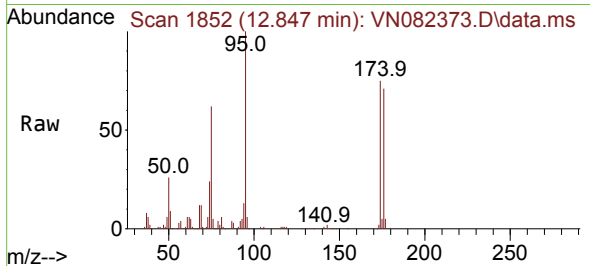




#62
4-Bromofluorobenzene
Concen: 52.830 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082373.D
Acq: 29 May 2024 16:16

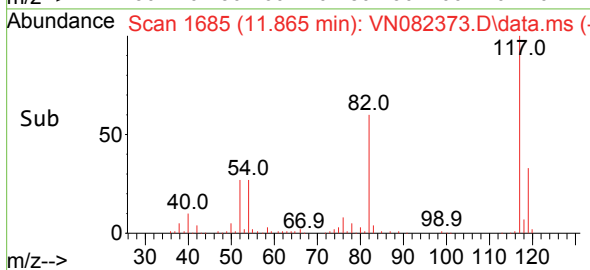
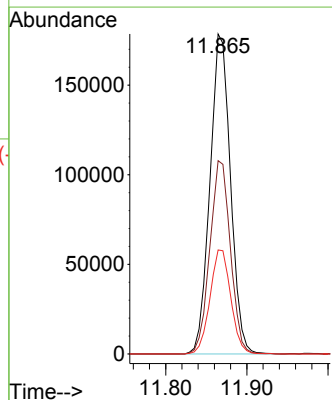
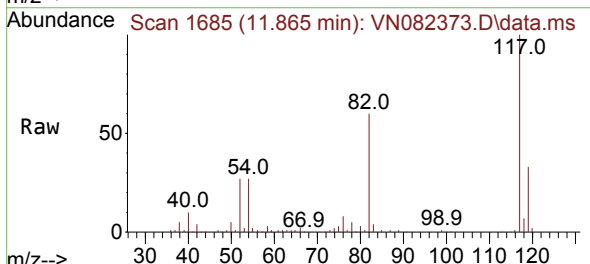
Instrument :
MSVOA_N
ClientSampleId :

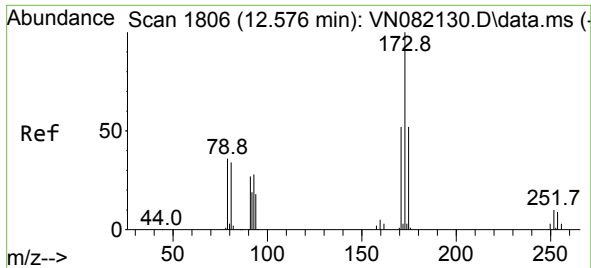
Tgt Ion: 95 Resp: 149149
Ion Ratio Lower Upper
95 100
174 77.1 0.0 160.6
176 73.6 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082373.D
Acq: 29 May 2024 16:16

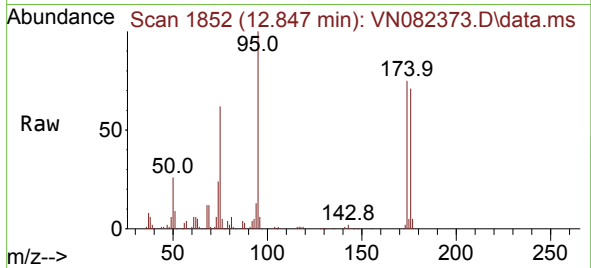
Tgt Ion: 117 Resp: 313348
Ion Ratio Lower Upper
117 100
82 60.4 44.6 66.8
119 32.5 25.9 38.9



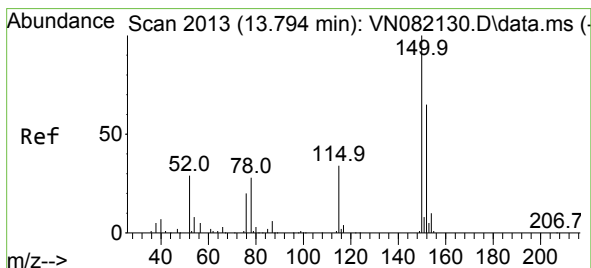
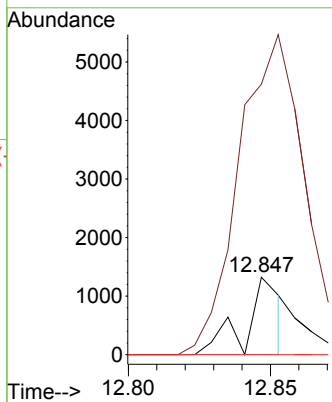
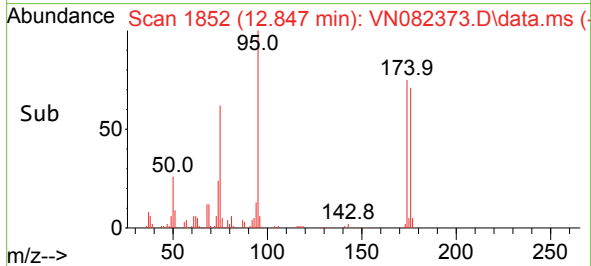


#71
Bromoform
Concen: 1.313 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN082373.D
Acq: 29 May 2024 16:16

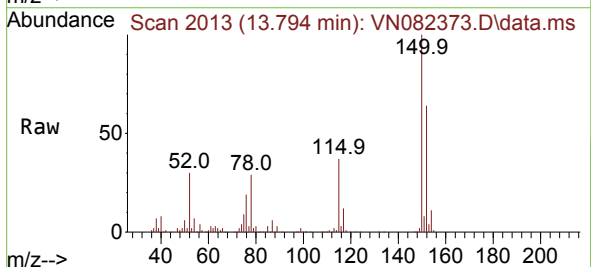
Instrument :
MSVOA_N
ClientSampleId :



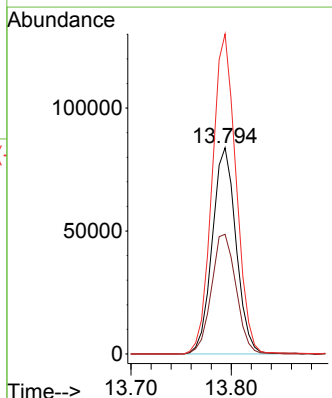
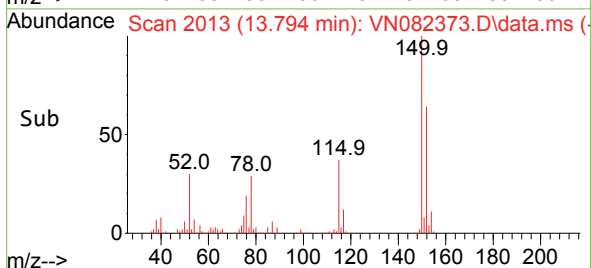
Tgt Ion:173 Resp: 1126
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0

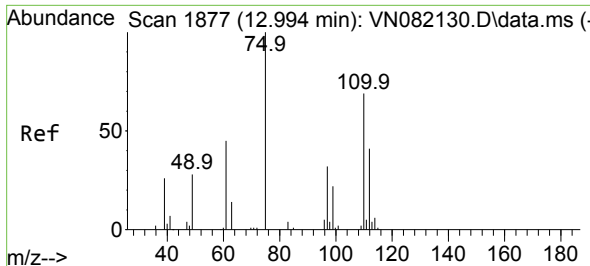


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082373.D
Acq: 29 May 2024 16:16



Tgt Ion:152 Resp: 138166
Ion Ratio Lower Upper
152 100
115 60.2 30.4 91.3
150 156.2 0.0 353.2

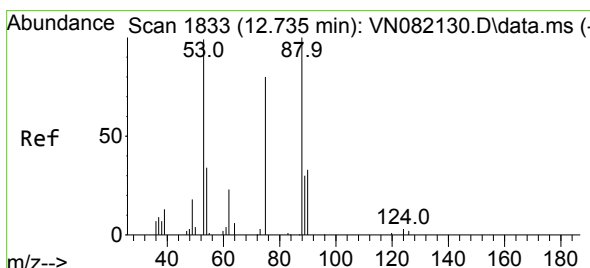
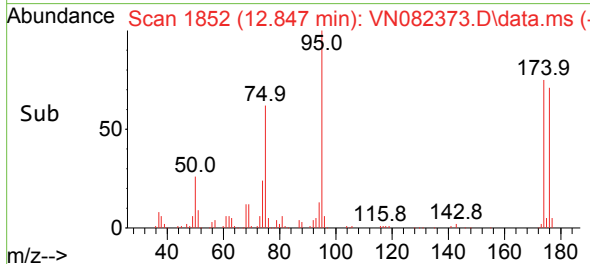
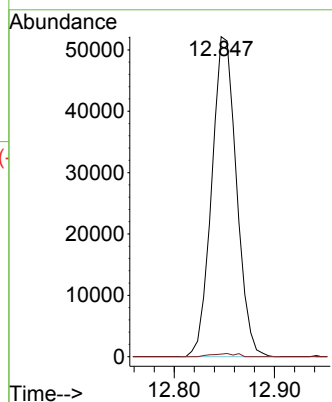
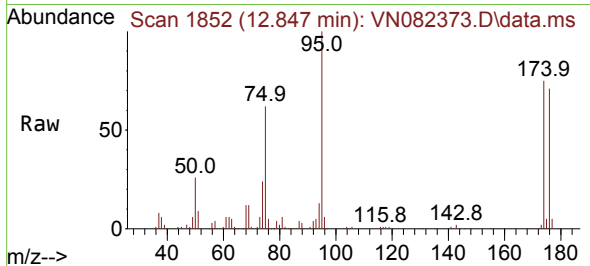




#76
1,2,3-Trichloropropane
Concen: 30.700 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082373.D
Acq: 29 May 2024 16:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 89277
Ion Ratio Lower Upper
75 100
77 1.0 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.806 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN082373.D
Acq: 29 May 2024 16:16

Tgt Ion: 75 Resp: 89277
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#

