

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052924\
 Data File : VN082379.D
 Acq On : 29 May 2024 18:42
 Operator : JC\MD
 Sample : P2612-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RT1486

Quant Time: May 30 05:47:38 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)

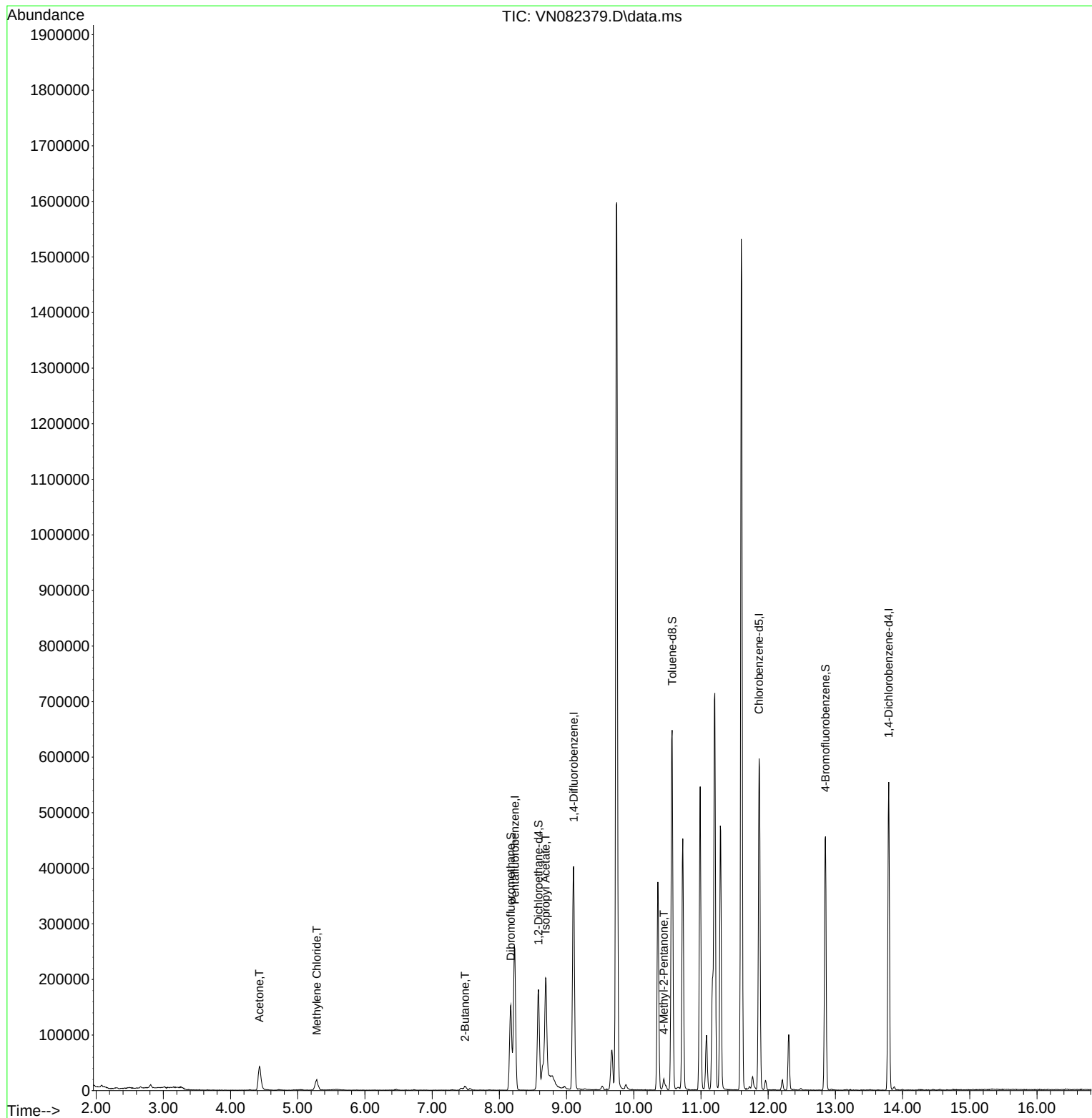
Internal Standards						
1) Pentafluorobenzene	8.230	168	182074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	325373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	318043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	136913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	146957	51.116	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.240%
35) Dibromofluoromethane	8.171	113	105566	52.742	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.480%
50) Toluene-d8	10.571	98	417005	54.342	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.680%
62) 4-Bromofluorobenzene	12.853	95	150783	55.051	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	110.100%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	83142	70.497	ug/l	89
20) Methylene Chloride	5.283	84	12817	5.386	ug/l #	83
25) 2-Butanone	7.489	43	12727	7.118	ug/l	90
43) Isopropyl Acetate	8.688	43	292190	43.894	ug/l #	74
51) 4-Methyl-2-Pentanone	10.447	43	19546	5.168	ug/l #	71

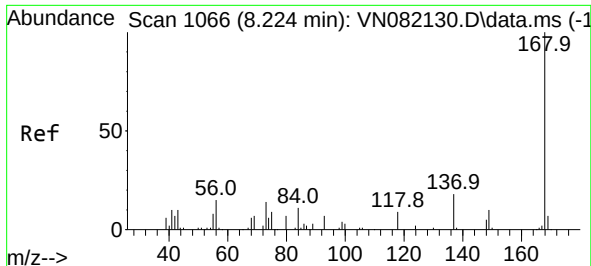
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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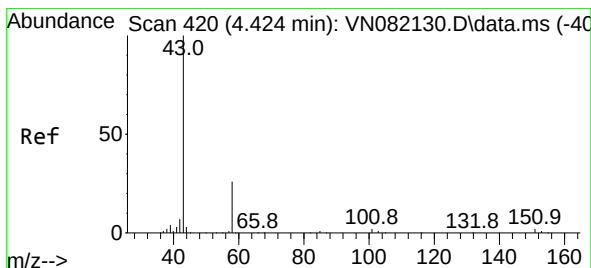
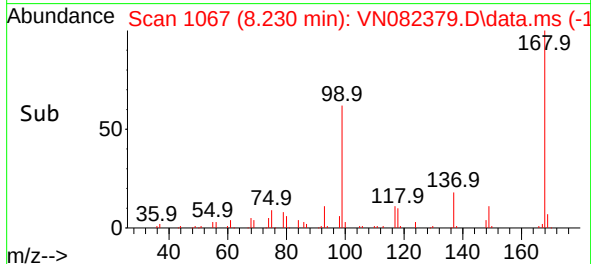
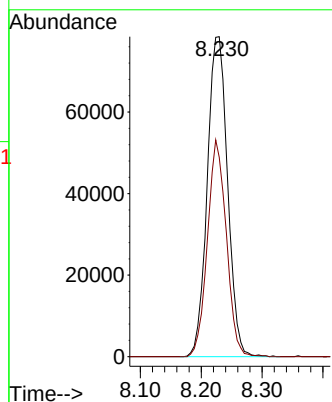
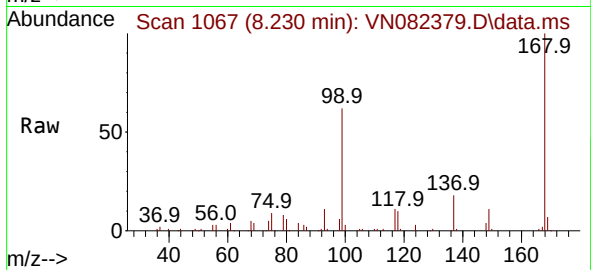




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082379.D
Acq: 29 May 2024 18:42

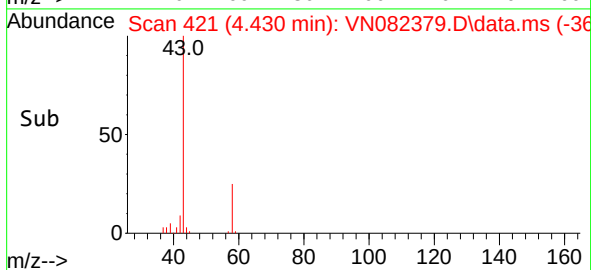
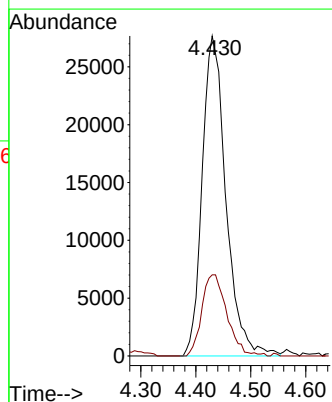
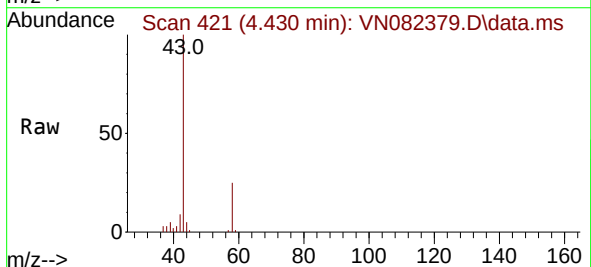
Instrument :
MSVOA_N
ClientSampleId :
RT1486

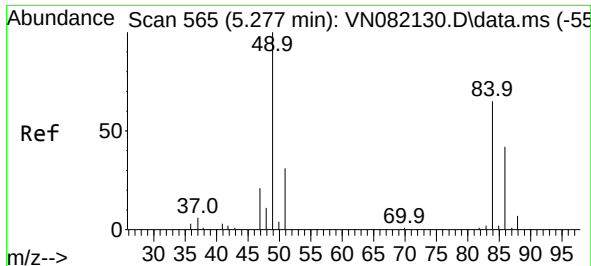
Tgt Ion:168 Resp: 182074
Ion Ratio Lower Upper
168 100
99 62.3 48.2 72.4



#16
Acetone
Concen: 70.497 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082379.D
Acq: 29 May 2024 18:42

Tgt Ion: 43 Resp: 83142
Ion Ratio Lower Upper
43 100
58 25.3 25.2 37.8

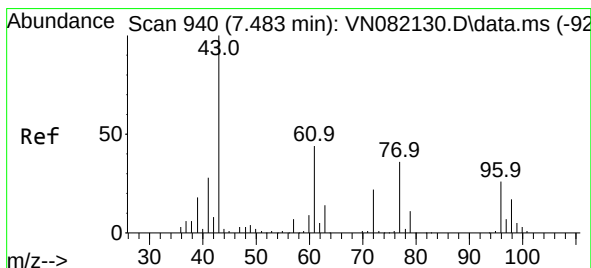
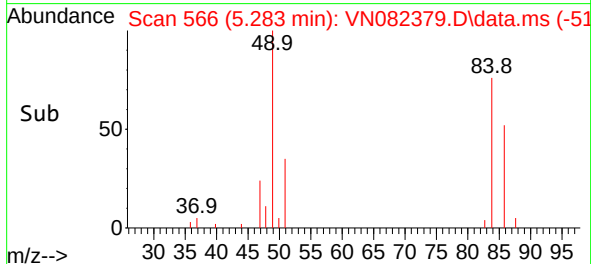
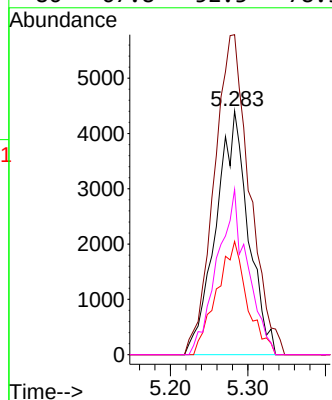
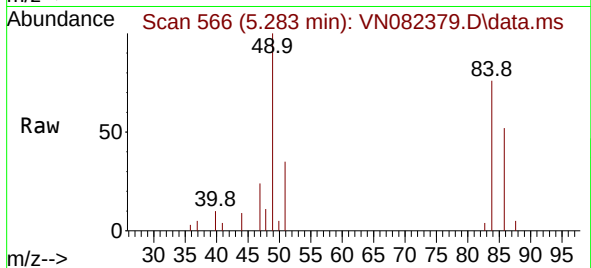




#20
Methylene Chloride
Concen: 5.386 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082379.D
Acq: 29 May 2024 18:42

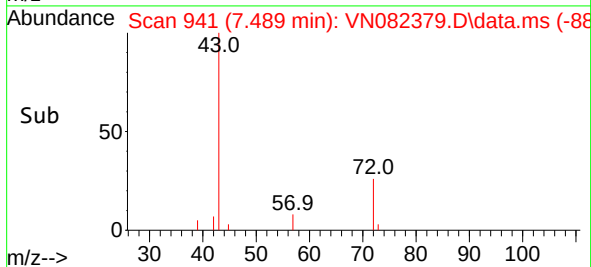
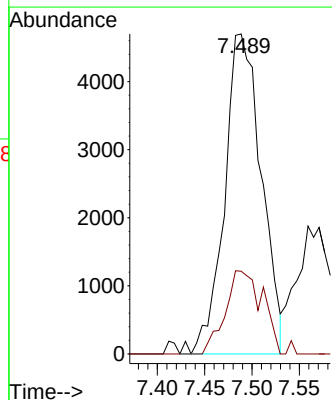
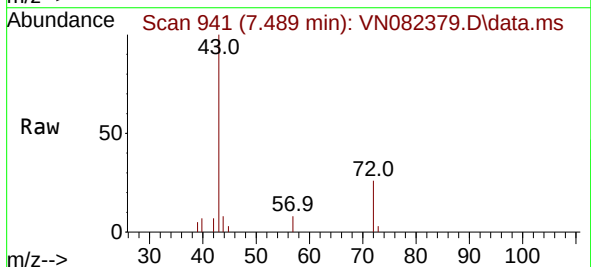
Instrument :
MSVOA_N
ClientSampleId :
RT1486

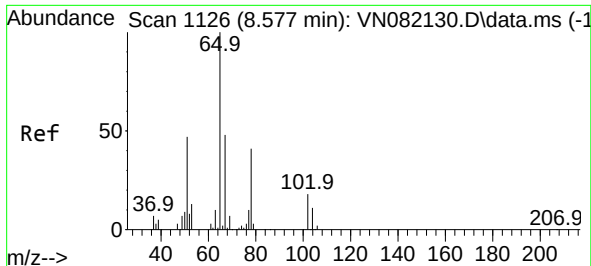
Tgt Ion:	84	Resp:	12817
Ion	Ratio	Lower	Upper
84	100		
49	131.3	84.9	127.3#
51	46.4	27.0	40.6#
86	67.8	52.3	78.5



#25
2-Butanone
Concen: 7.118 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082379.D
Acq: 29 May 2024 18:42

Tgt Ion:	43	Resp:	12727
Ion	Ratio	Lower	Upper
43	100		
72	25.9	25.3	37.9





#33

1,2-Dichloroethane-d4

Concen: 51.116 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082379.D

Acq: 29 May 2024 18:42

Instrument :

MSVOA_N

ClientSampleId :

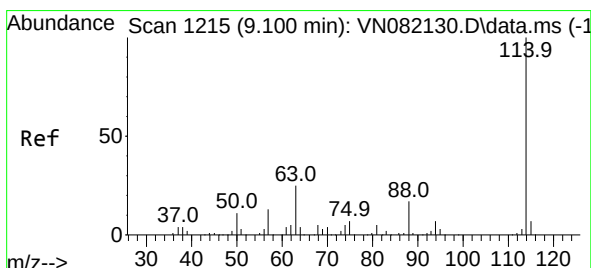
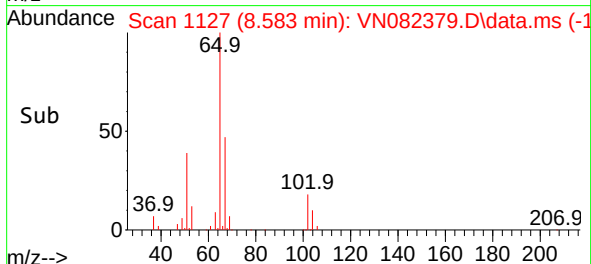
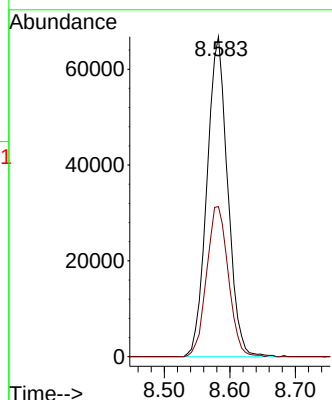
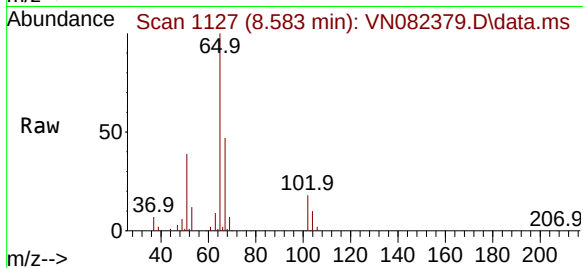
RT1486

Tgt Ion: 65 Resp: 146957

Ion Ratio Lower Upper

65 100

67 49.1 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: VN082379.D

Acq: 29 May 2024 18:42

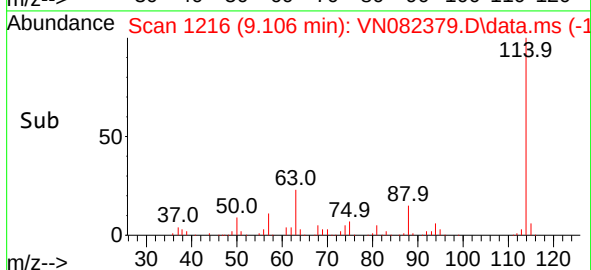
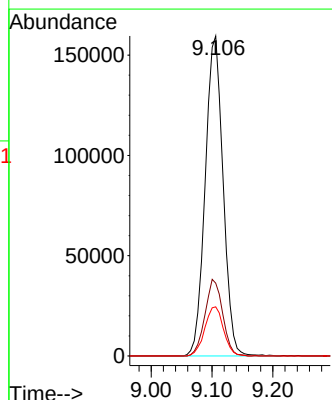
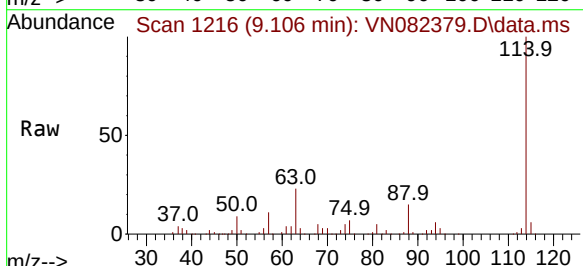
Tgt Ion: 114 Resp: 325373

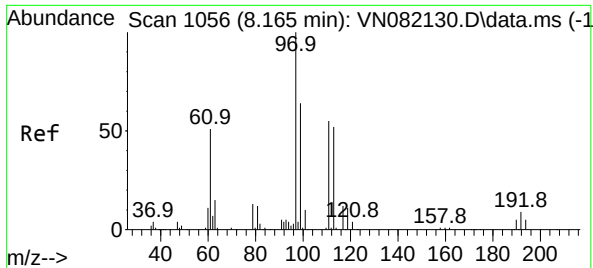
Ion Ratio Lower Upper

114 100

63 22.7 0.0 41.0

88 15.4 0.0 31.4

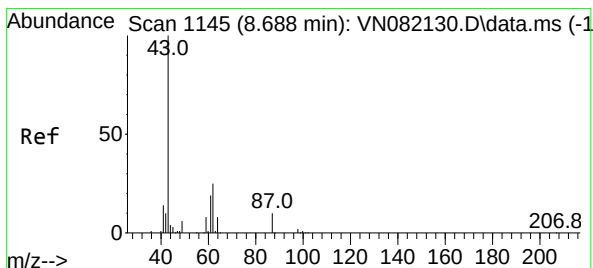
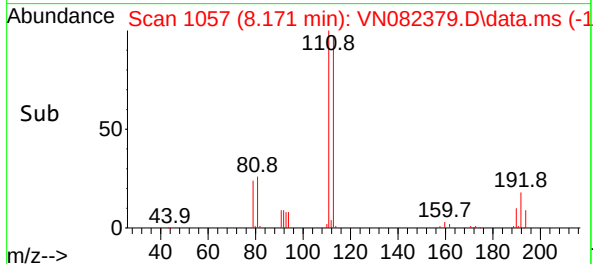
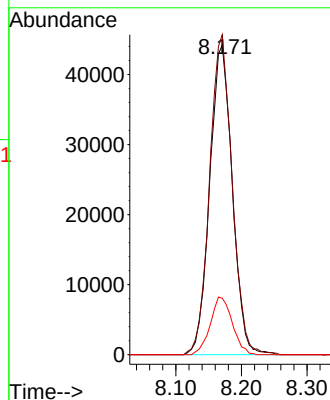
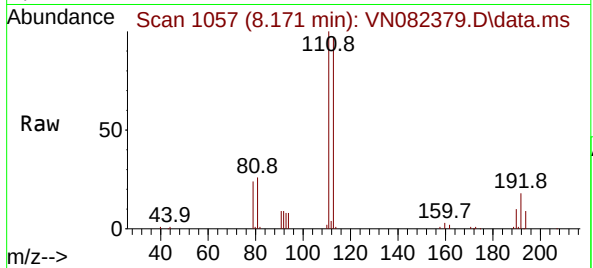




#35
Dibromofluoromethane
Concen: 52.742 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082379.D
Acq: 29 May 2024 18:42

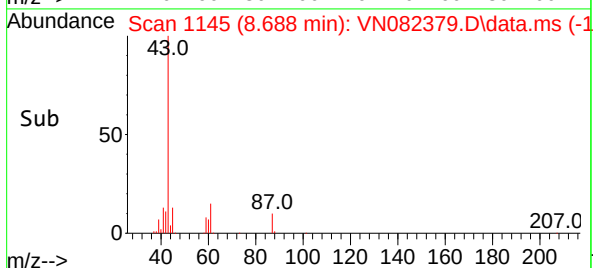
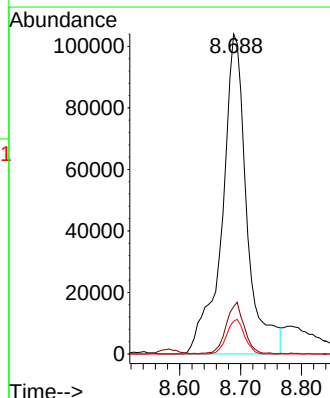
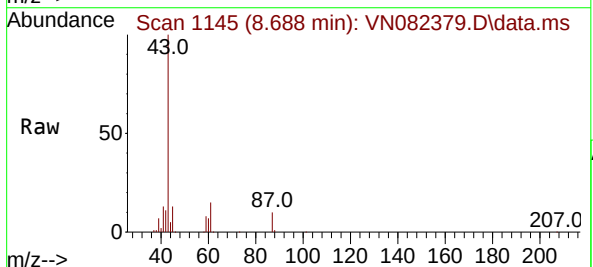
Instrument :
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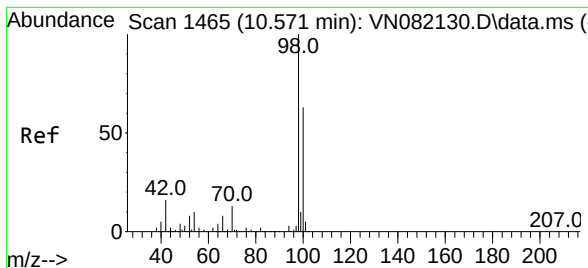
Tgt Ion:113 Resp: 105566
Ion Ratio Lower Upper
113 100
111 103.0 83.4 125.2
192 18.2 14.0 21.0



#43
Isopropyl Acetate
Concen: 43.894 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082379.D
Acq: 29 May 2024 18:42

Tgt Ion: 43 Resp: 292190
Ion Ratio Lower Upper
43 100
61 12.0 22.8 34.2#
87 7.8 12.0 18.0#





#50

Toluene-d8

Concen: 54.342 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN082379.D

Acq: 29 May 2024 18:42

Instrument :

MSVOA_N

ClientSampleId :

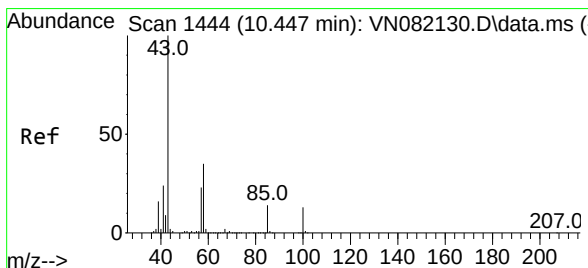
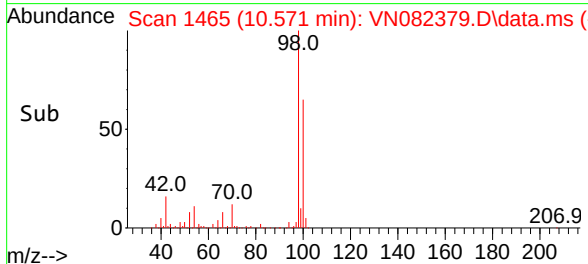
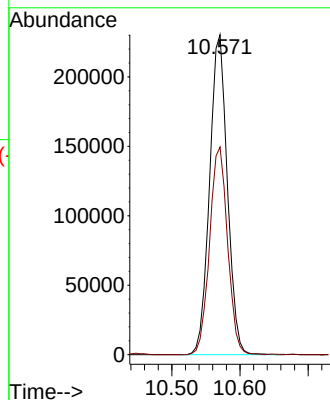
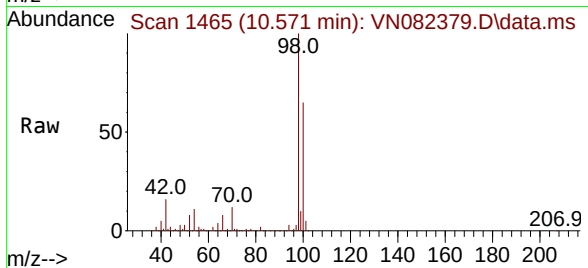
RT1486

Tgt Ion: 98 Resp: 417005

Ion Ratio Lower Upper

98 100

100 65.7 51.8 77.6



#51

4-Methyl-2-Pentanone

Concen: 5.168 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN082379.D

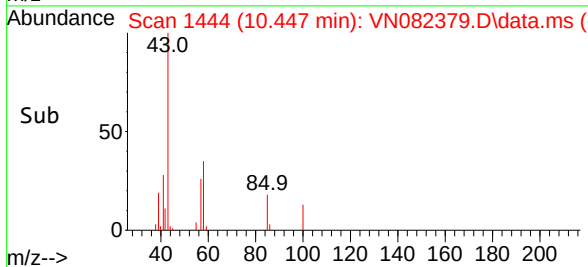
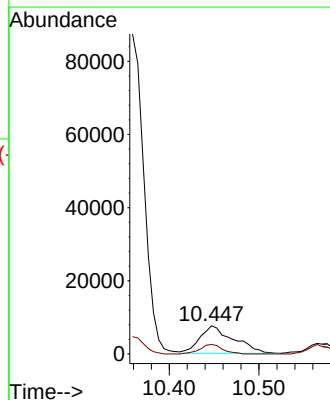
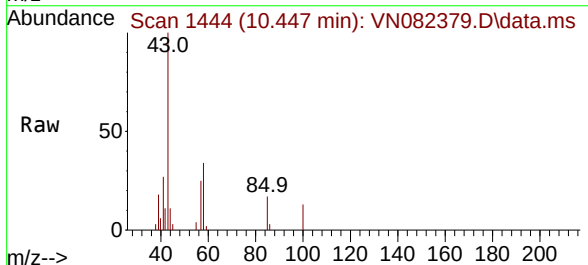
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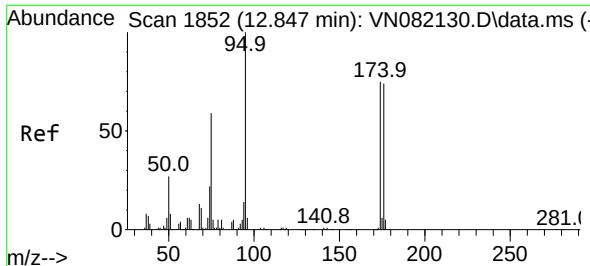
Tgt Ion: 43 Resp: 19546

Ion Ratio Lower Upper

43 100

58 23.4 33.2 49.8#

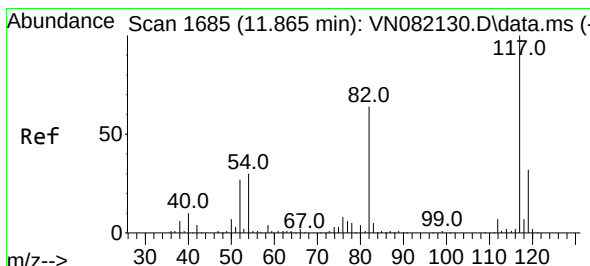
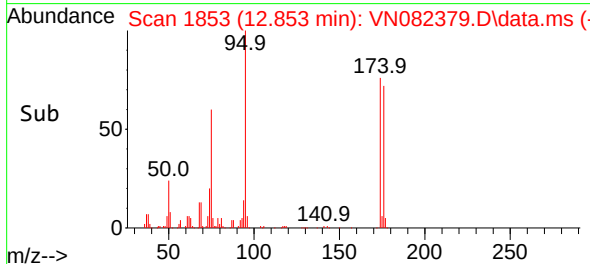
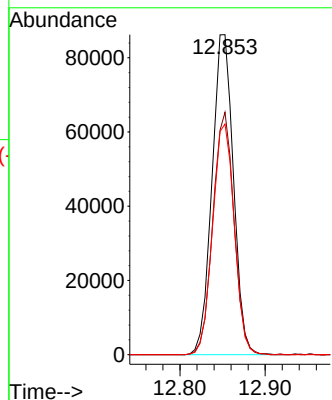
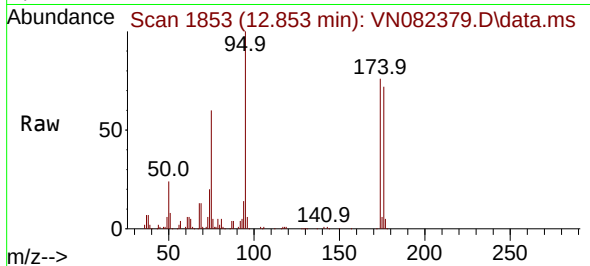




#62
4-Bromofluorobenzene
Concen: 55.051 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082379.D
Acq: 29 May 2024 18:42

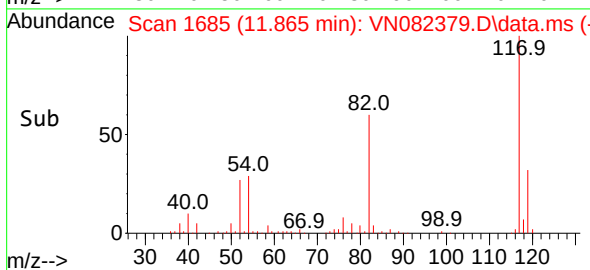
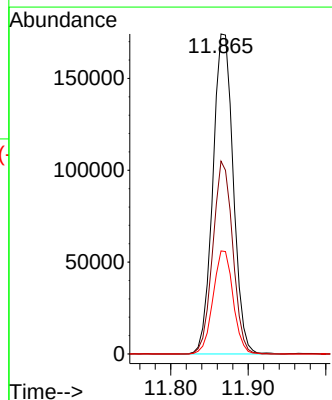
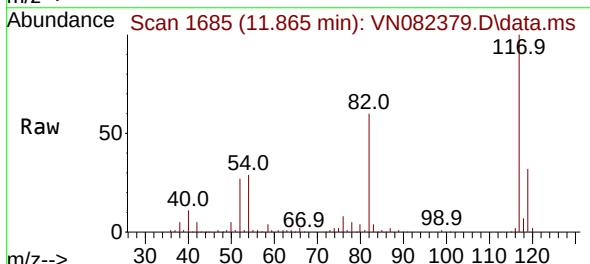
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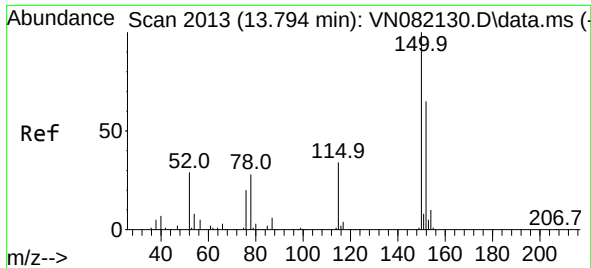
Tgt Ion: 95 Resp: 150783
Ion Ratio Lower Upper
95 100
174 74.7 0.0 160.6
176 72.9 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082379.D
Acq: 29 May 2024 18:42

Tgt Ion: 117 Resp: 318043
Ion Ratio Lower Upper
117 100
82 60.2 44.6 66.8
119 32.2 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: VN082379.D
 Acq: 29 May 2024 18:42

Instrument :
 MSVOA_N
 ClientSampleId :
 RT1486

Tgt Ion:152 Resp: 136913
 Ion Ratio Lower Upper
 152 100
 115 60.9 30.4 91.3
 150 156.8 0.0 353.2

