

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031924\
 Data File : VN081474.D
 Acq On : 19 Mar 2024 16:33
 Operator : JC\MD
 Sample : P1792-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11977

Quant Time: Mar 20 01:19:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

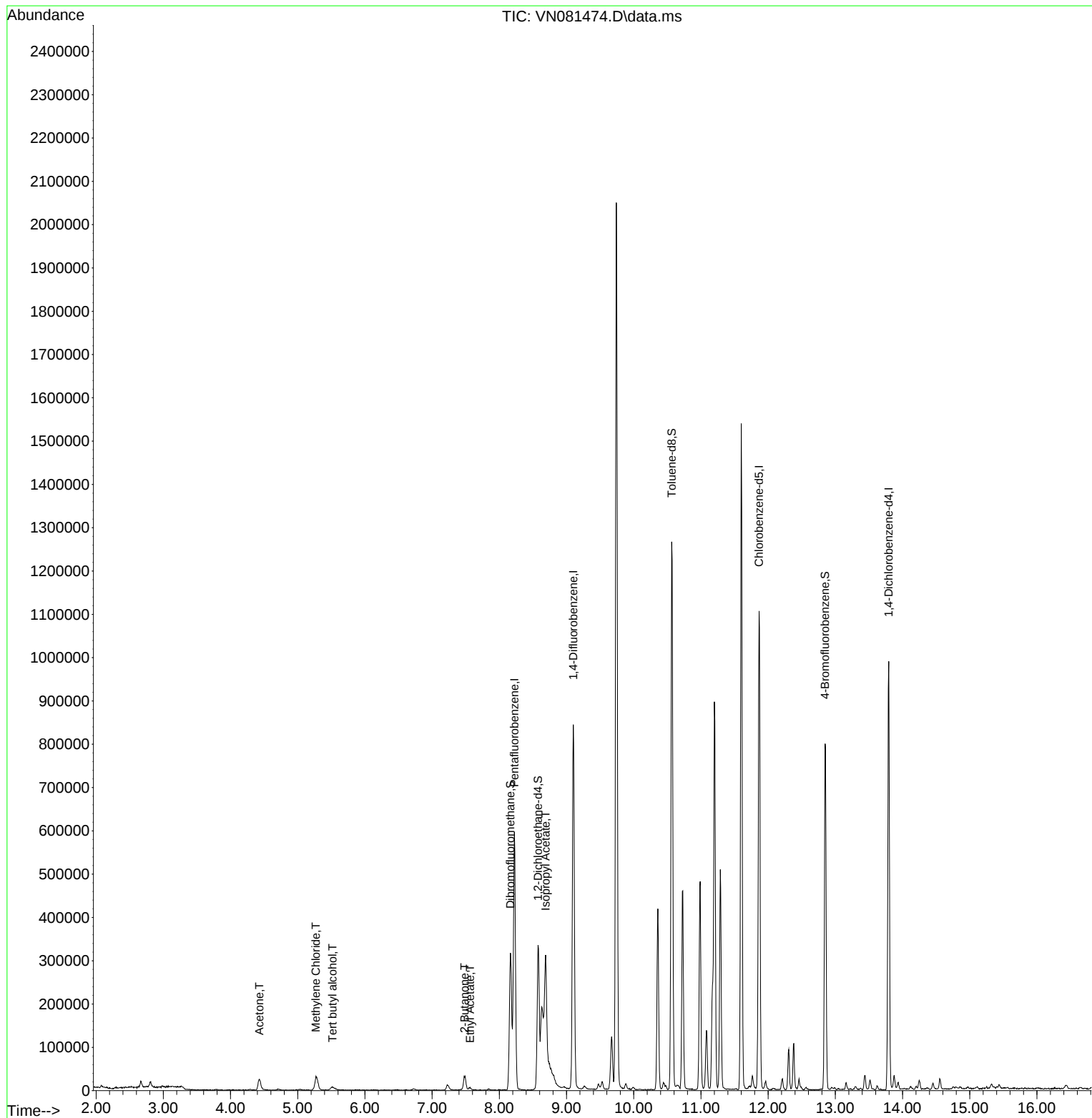
Internal Standards						
1) Pentafluorobenzene	8.224	168	414723	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	743240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	657487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	268293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	276958	52.367	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.740%	
35) Dibromofluoromethane	8.165	113	231260	49.303	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.600%	
50) Toluene-d8	10.565	98	888489	52.400	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.800%	
62) 4-Bromofluorobenzene	12.847	95	275743	46.152	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 92.300%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.518	59	12309	13.355	ug/l	# 91
16) Acetone	4.430	43	45860	26.831	ug/l	100
20) Methylene Chloride	5.271	84	25500	4.555	ug/l	# 81
25) 2-Butanone	7.483	43	50192	17.121	ug/l	92
37) Ethyl Acetate	7.565	43	8290	1.226	ug/l	# 94
43) Isopropyl Acetate	8.688	43	437550	39.052	ug/l	# 80

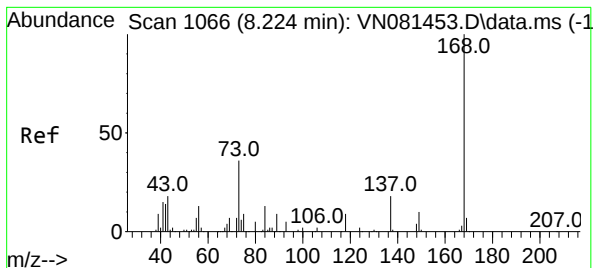
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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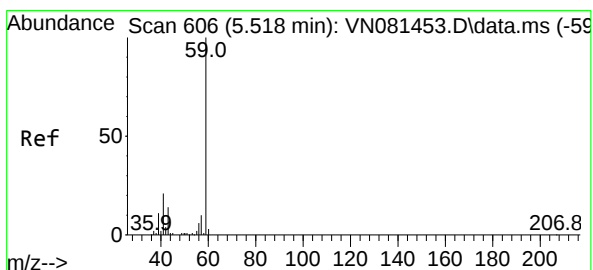
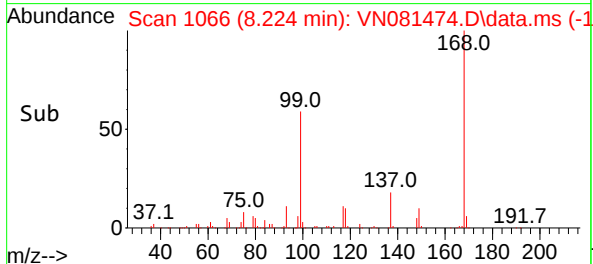
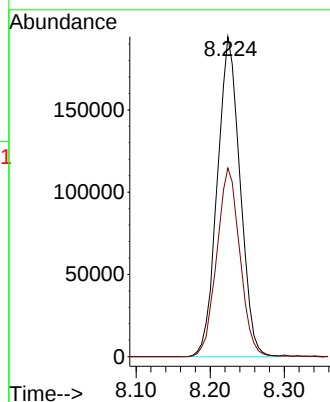
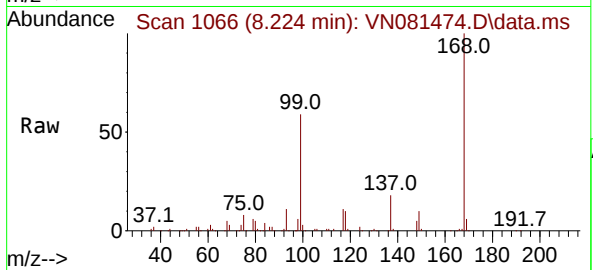




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081474.D
Acq: 19 Mar 2024 16:33

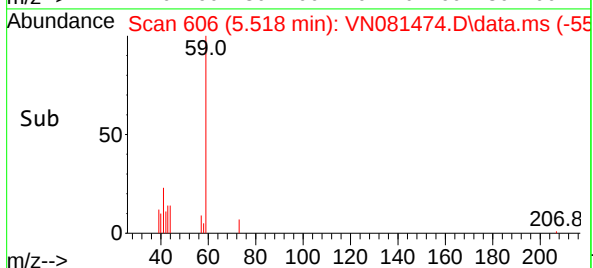
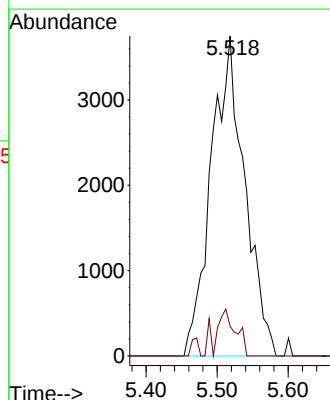
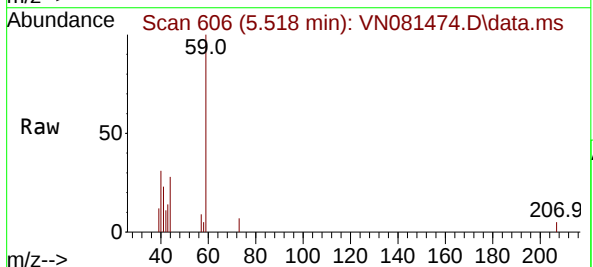
Instrument :
MSVOA_N
ClientSampleId :
72-11977

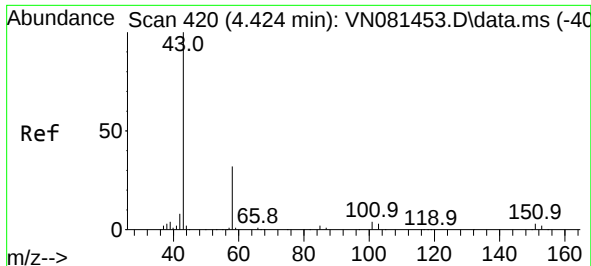
Tgt Ion:168 Resp: 414723
Ion Ratio Lower Upper
168 100
99 58.9 59.9 89.9#



#11
Tert butyl alcohol
Concen: 13.355 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN081474.D
Acq: 19 Mar 2024 16:33

Tgt Ion: 59 Resp: 12309
Ion Ratio Lower Upper
59 100
57 7.3 8.6 12.8#

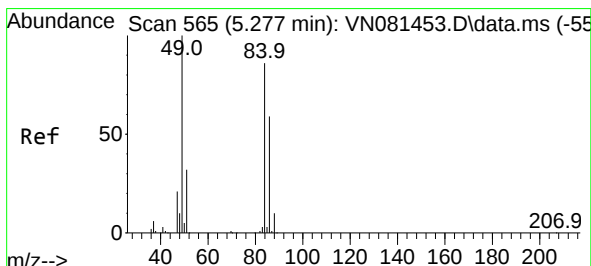
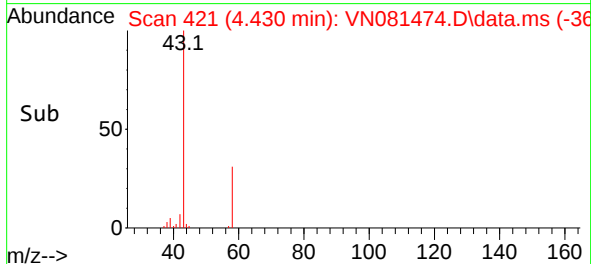
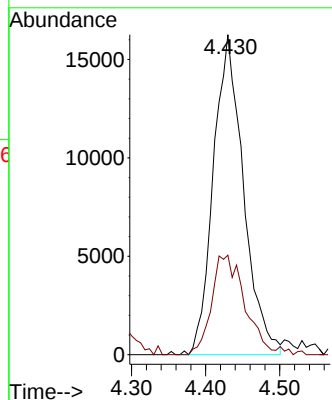
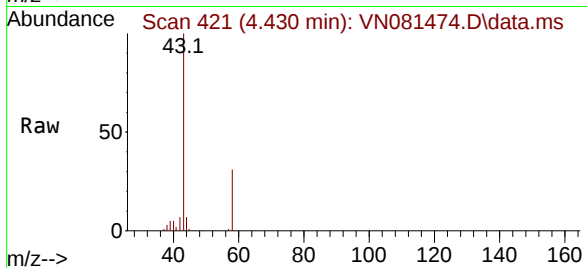




#16
Acetone
Concen: 26.831 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081474.D
Acq: 19 Mar 2024 16:33

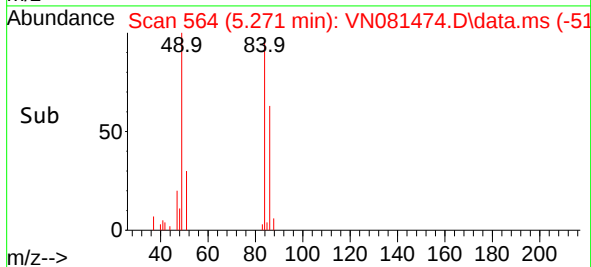
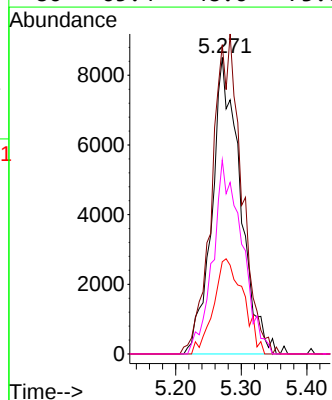
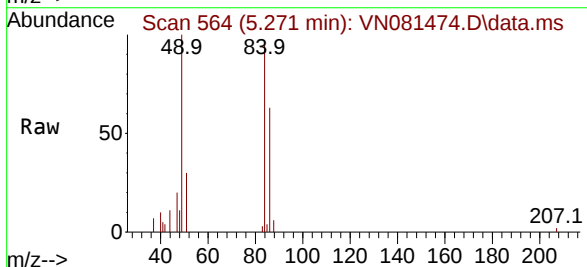
Instrument :
MSVOA_N
ClientSampleId :
72-11977

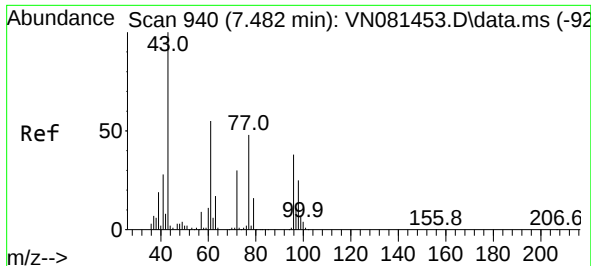
Tgt Ion: 43 Resp: 45860
Ion Ratio Lower Upper
43 100
58 31.1 24.8 37.2



#20
Methylene Chloride
Concen: 4.555 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN081474.D
Acq: 19 Mar 2024 16:33

Tgt Ion: 84 Resp: 25500
Ion Ratio Lower Upper
84 100
49 104.3 108.1 162.1#
51 31.1 32.9 49.3#
86 65.4 48.6 73.0

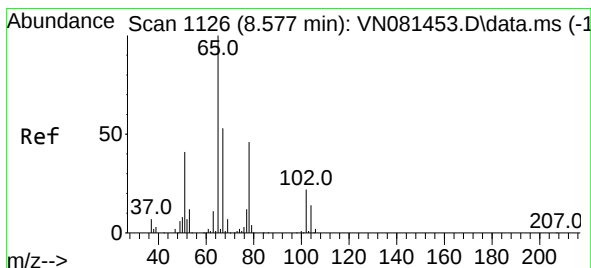
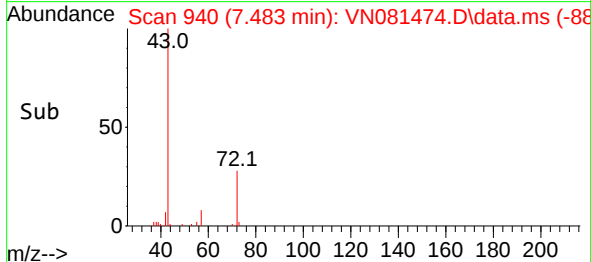
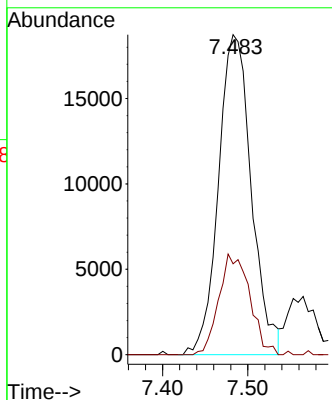
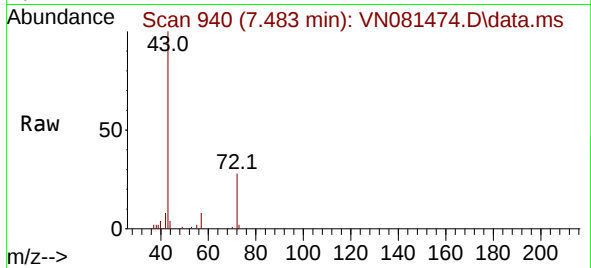




#25
2-Butanone
Concen: 17.121 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081474.D
Acq: 19 Mar 2024 16:33

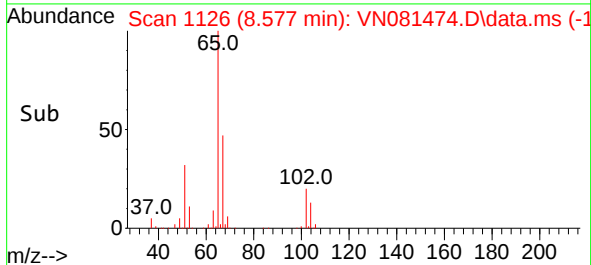
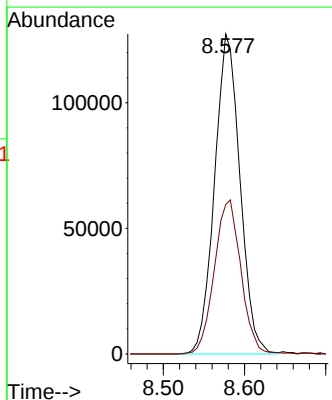
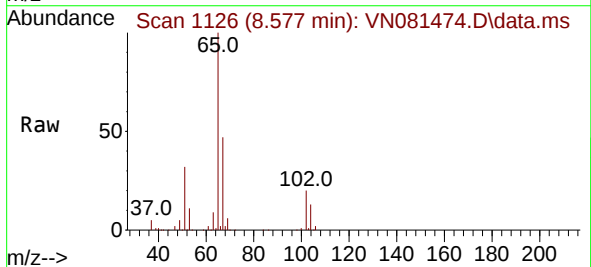
Instrument :
MSVOA_N
ClientSampleId :
72-11977

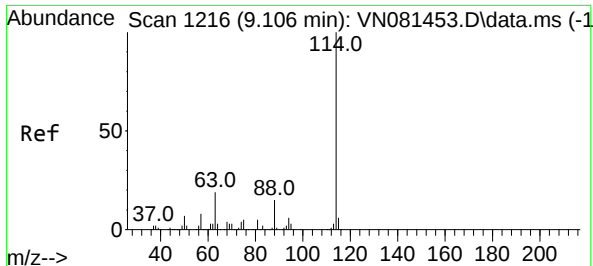
Tgt Ion: 43 Resp: 50192
Ion Ratio Lower Upper
43 100
72 28.4 19.5 29.3



#33
1,2-Dichloroethane-d4
Concen: 52.367 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081474.D
Acq: 19 Mar 2024 16:33

Tgt Ion: 65 Resp: 276958
Ion Ratio Lower Upper
65 100
67 50.4 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081474.D

Acq: 19 Mar 2024 16:33

Instrument :

MSVOA_N

ClientSampleId :

72-11977

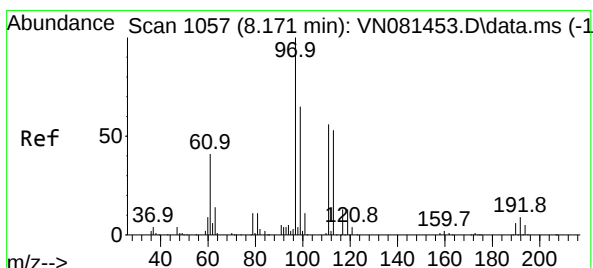
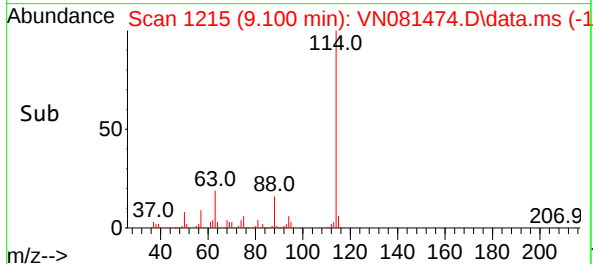
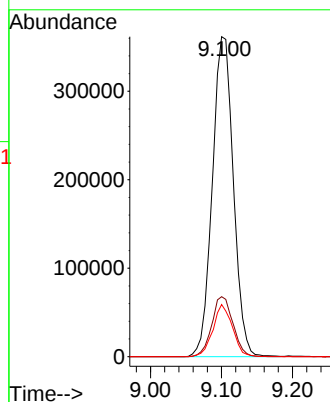
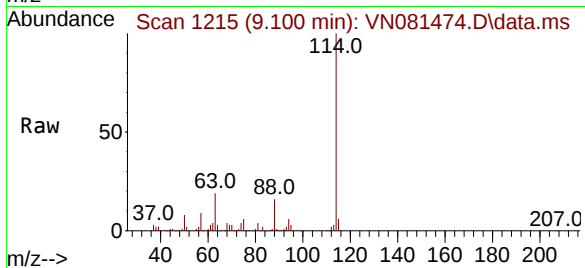
Tgt Ion:114 Resp: 743240

Ion Ratio Lower Upper

114 100

63 18.8 0.0 48.0

88 16.3 0.0 34.8



#35

Dibromofluoromethane

Concen: 49.303 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081474.D

Acq: 19 Mar 2024 16:33

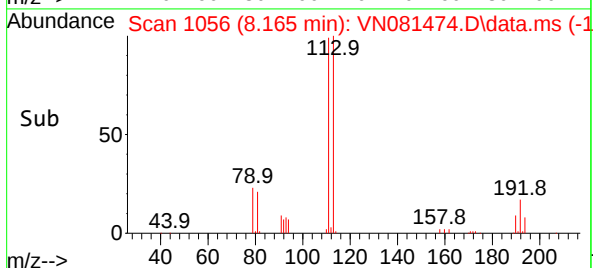
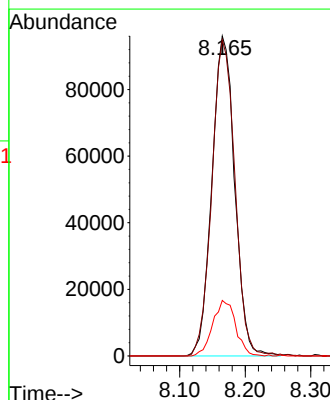
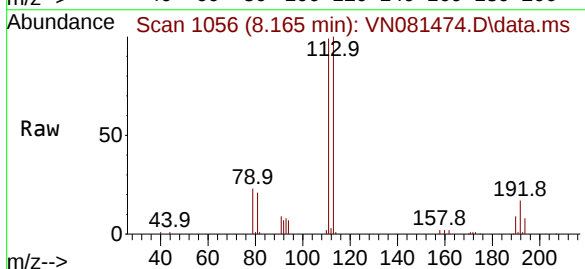
Tgt Ion:113 Resp: 231260

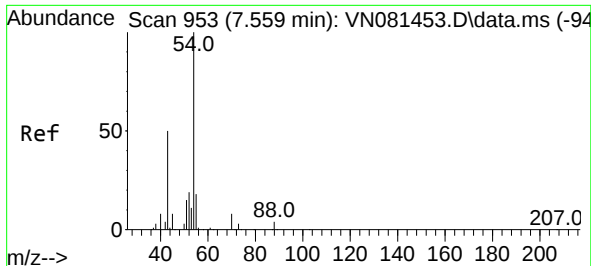
Ion Ratio Lower Upper

113 100

111 100.0 82.2 123.4

192 17.5 12.5 18.7

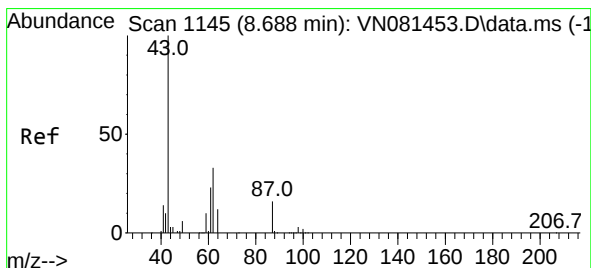
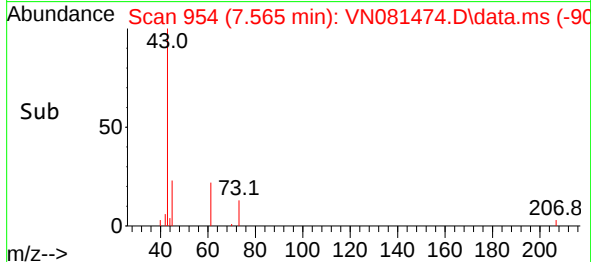
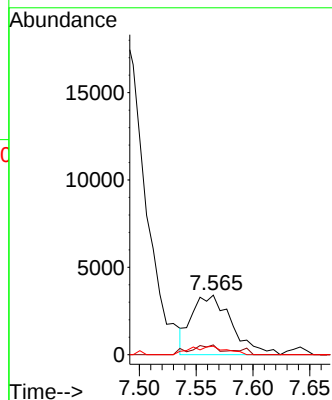
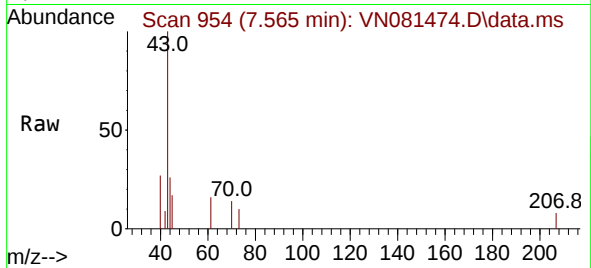




#37
Ethyl Acetate
Concen: 1.226 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN081474.D
Acq: 19 Mar 2024 16:33

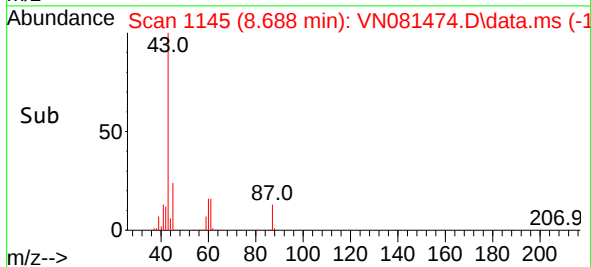
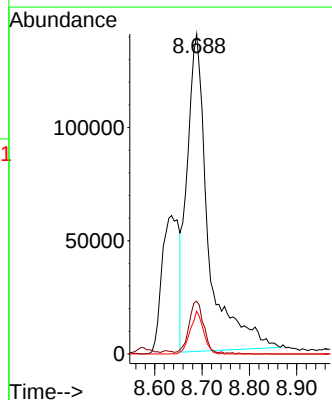
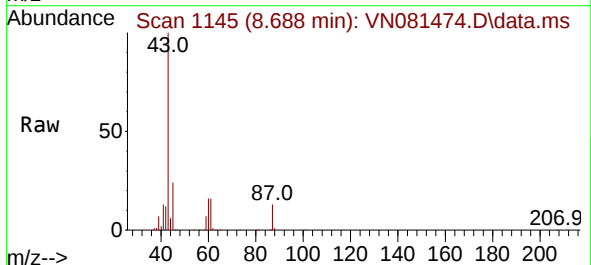
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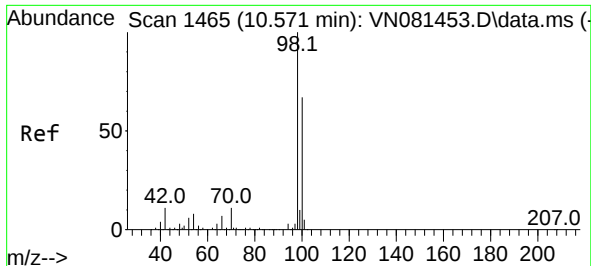
Tgt Ion: 43 Resp: 8290
Ion Ratio Lower Upper
43 100
61 11.6 10.6 15.8
70 12.8 8.0 12.0#



#43
Isopropyl Acetate
Concen: 39.052 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081474.D
Acq: 19 Mar 2024 16:33

Tgt Ion: 43 Resp: 437550
Ion Ratio Lower Upper
43 100
61 11.8 19.9 29.9#
87 8.4 9.0 13.6#

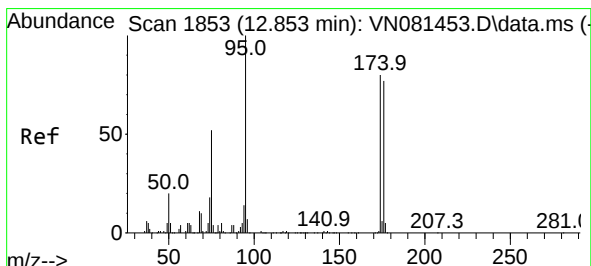
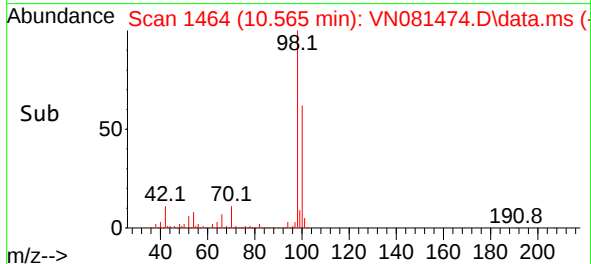
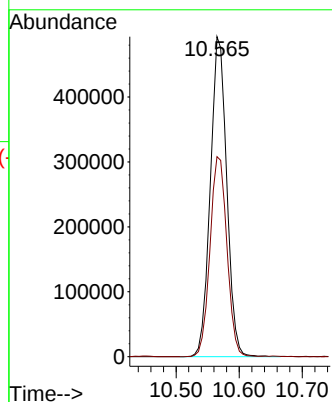
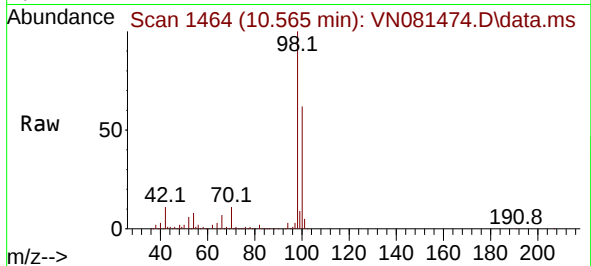




#50
Toluene-d8
Concen: 52.400 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081474.D
Acq: 19 Mar 2024 16:33

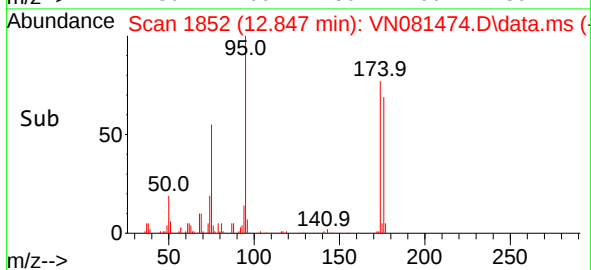
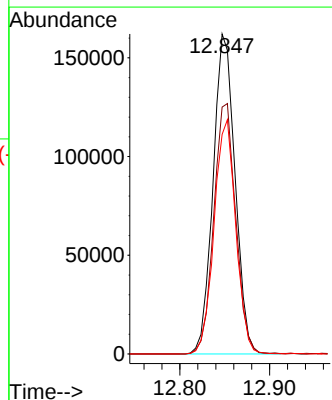
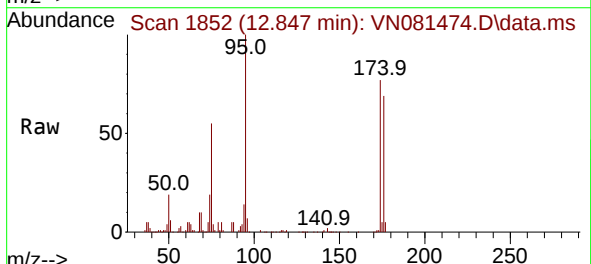
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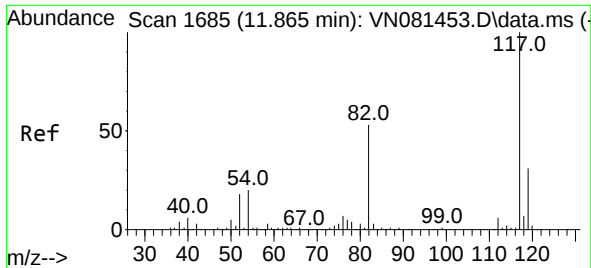
Tgt Ion: 98 Resp: 888489
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.152 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081474.D
Acq: 19 Mar 2024 16:33

Tgt Ion: 95 Resp: 275743
Ion Ratio Lower Upper
95 100
174 78.3 0.0 120.4
176 72.4 0.0 121.0

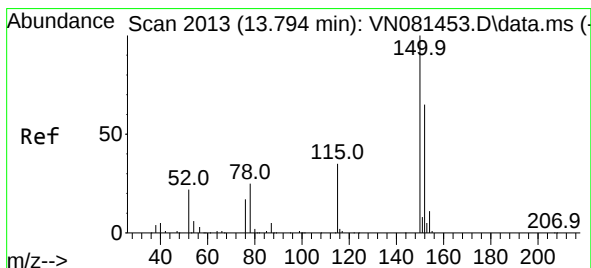
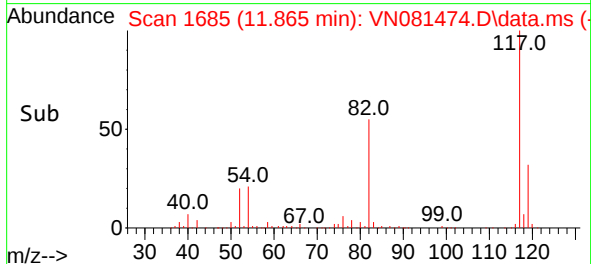
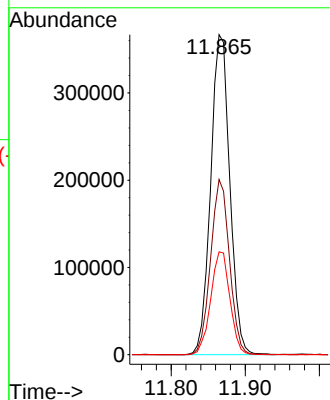
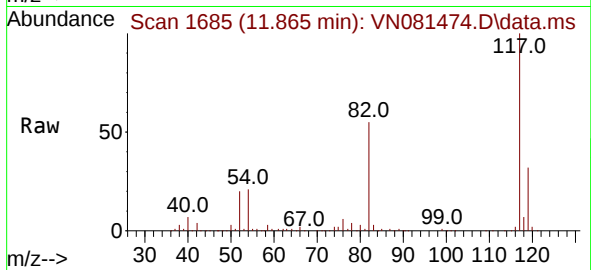




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081474.D
Acq: 19 Mar 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :
72-11977

Tgt Ion:117 Resp: 657487
Ion Ratio Lower Upper
117 100
82 54.8 52.7 79.1
119 32.2 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081474.D
Acq: 19 Mar 2024 16:33

Tgt Ion:152 Resp: 268293
Ion Ratio Lower Upper
152 100
115 60.4 32.3 96.8
150 154.7 0.0 339.8

