

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071824\
 Data File : VN082976.D
 Acq On : 18 Jul 2024 14:54
 Operator : JC\MD
 Sample : P3246-30
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-CTW2-BL-06-G

Quant Time: Jul 19 00:44:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

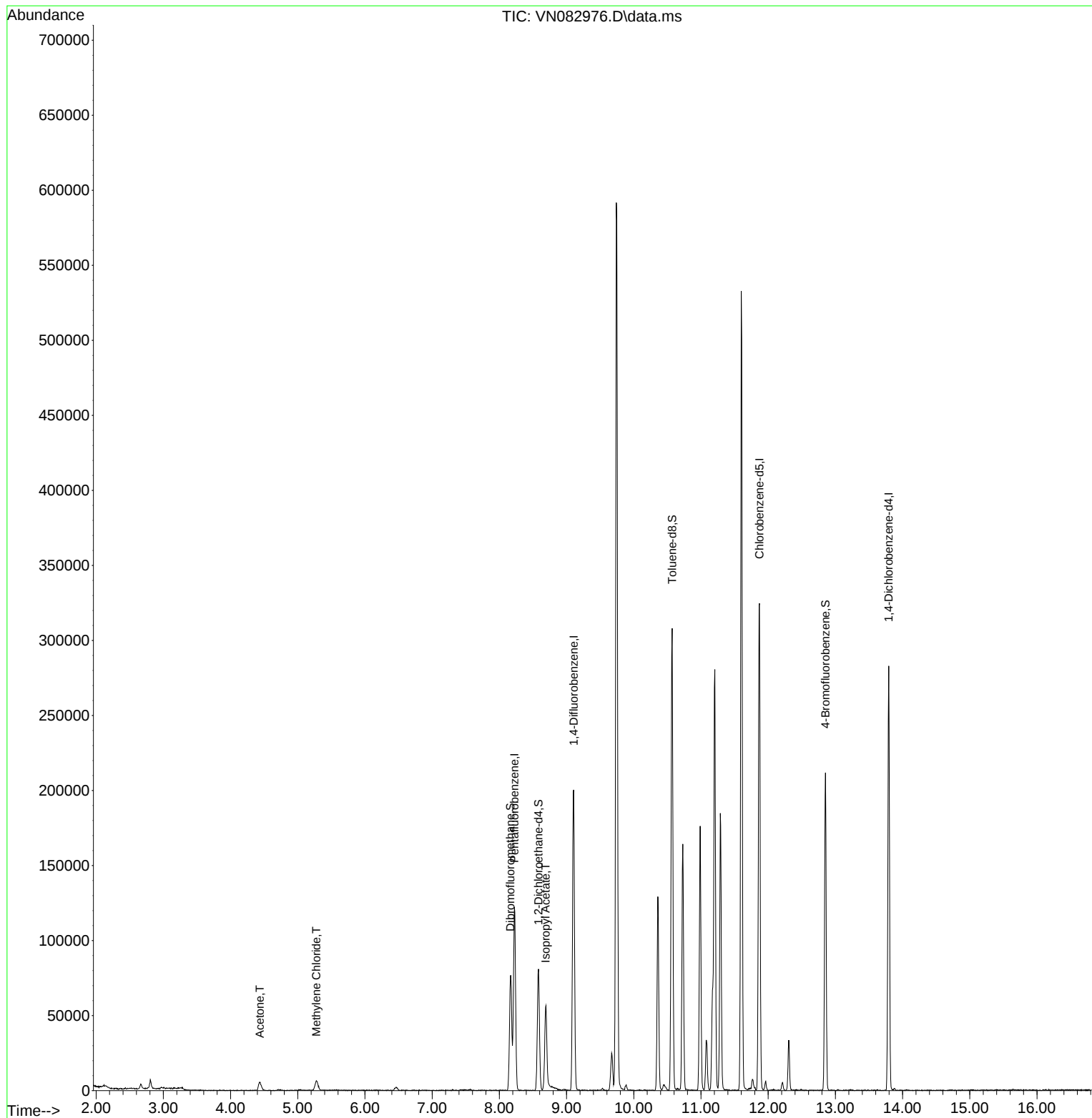
Internal Standards						
1) Pentafluorobenzene	8.224	168	85807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	170652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	183836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	72705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	66584	55.356	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.720%
35) Dibromofluoromethane	8.165	113	54243	49.536	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.080%
50) Toluene-d8	10.571	98	210491	52.044	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.080%
62) 4-Bromofluorobenzene	12.853	95	67202	46.257	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	92.520%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	11646	27.500	ug/l	98
20) Methylene Chloride	5.277	84	5275	5.158	ug/l #	83
43) Isopropyl Acetate	8.688	43	67608	21.644	ug/l #	90

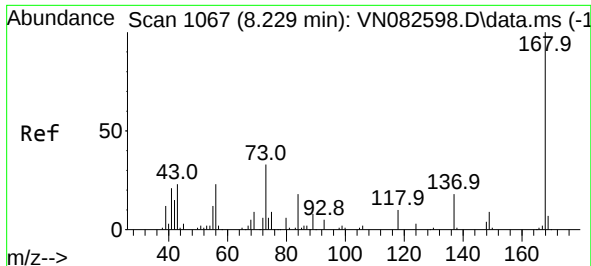
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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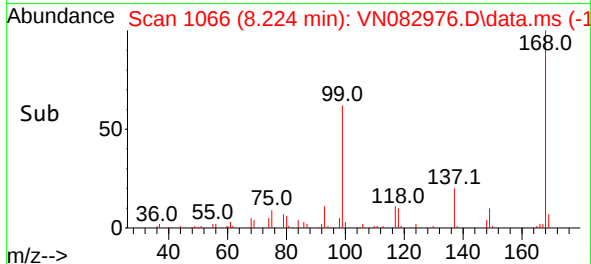
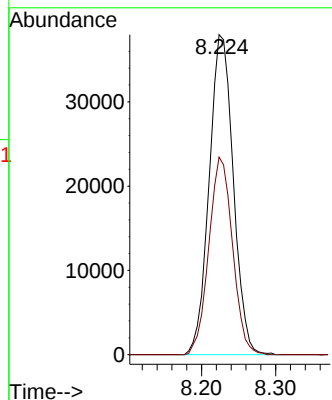
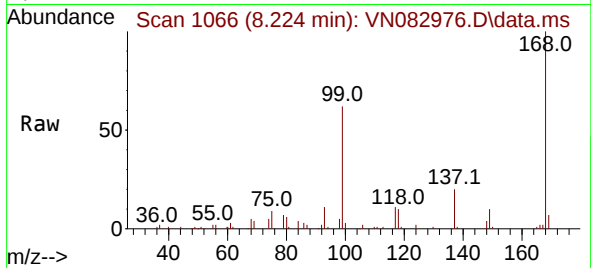




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082976.D
Acq: 18 Jul 2024 14:54

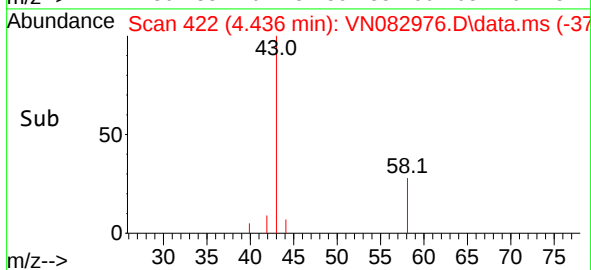
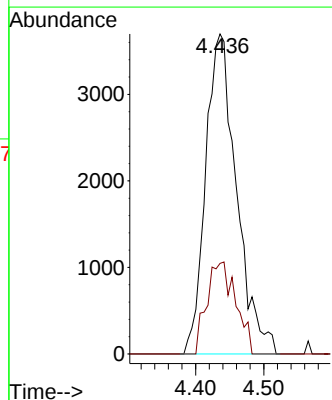
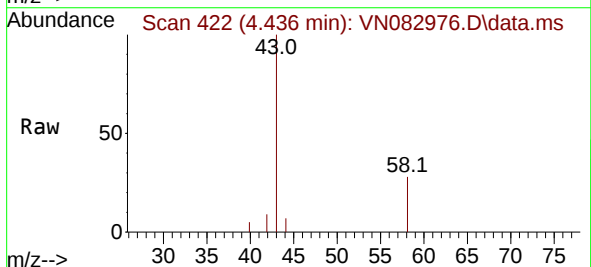
Instrument :
MSVOA_N
ClientSampleId :
WC-CTW2-BL-06-G

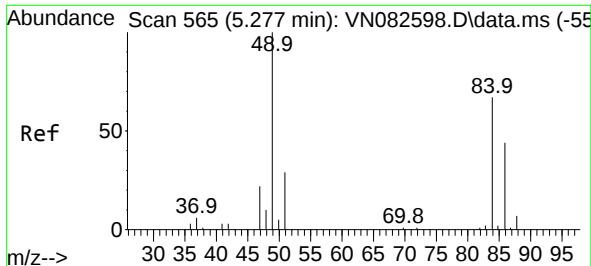
Tgt Ion:168 Resp: 85807
Ion Ratio Lower Upper
168 100
99 61.8 48.2 72.4



#16
Acetone
Concen: 27.500 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082976.D
Acq: 18 Jul 2024 14:54

Tgt Ion: 43 Resp: 11646
Ion Ratio Lower Upper
43 100
58 28.3 21.8 32.6

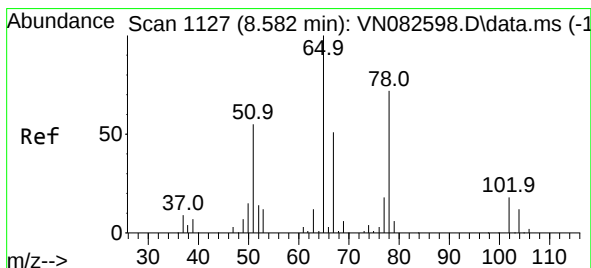
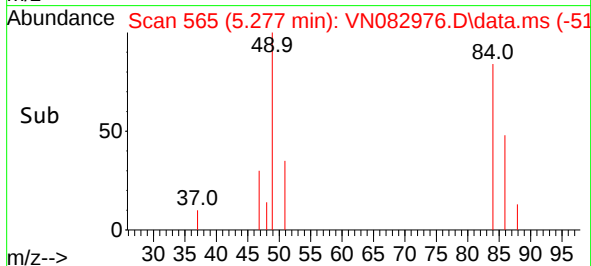
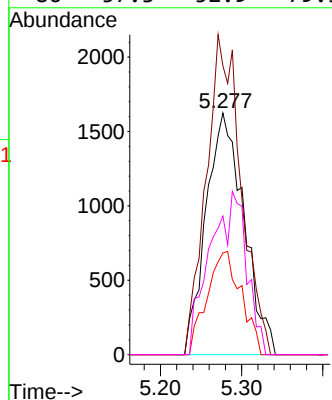
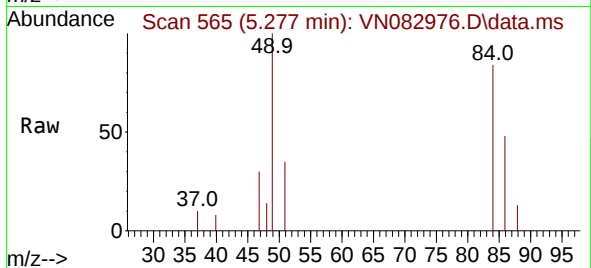




#20
Methylene Chloride
Concen: 5.158 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082976.D
Acq: 18 Jul 2024 14:54

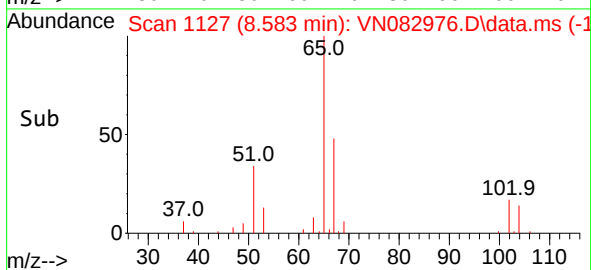
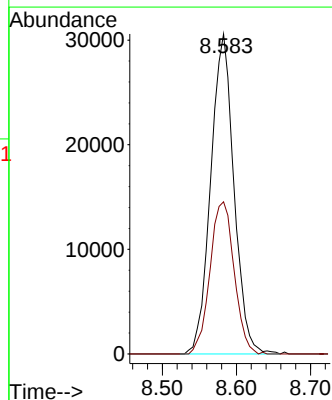
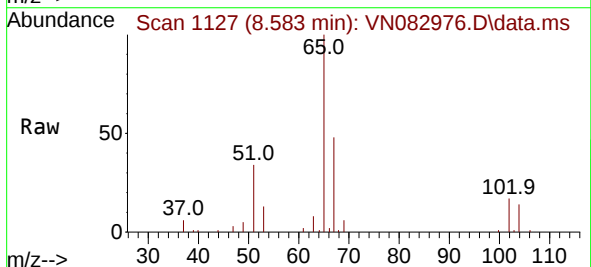
Instrument :
MSVOA_N
ClientSampleId :
WC-CTW2-BL-06-G

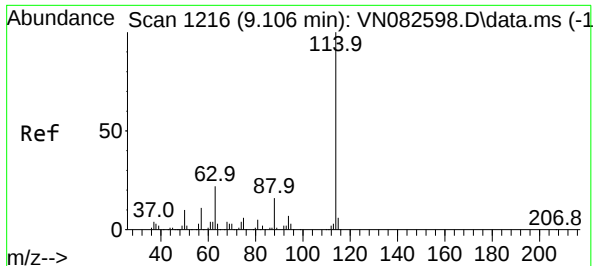
Tgt Ion:	84	Resp:	5275
Ion	Ratio	Lower	Upper
84	100		
49	119.5	119.6	179.4#
51	42.1	34.8	52.2
86	57.3	52.9	79.3



#33
1,2-Dichloroethane-d4
Concen: 55.356 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082976.D
Acq: 18 Jul 2024 14:54

Tgt Ion:	65	Resp:	66584
Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082976.D

Acq: 18 Jul 2024 14:54

Instrument :

MSVOA_N

ClientSampleId :

WC-CTW2-BL-06-G

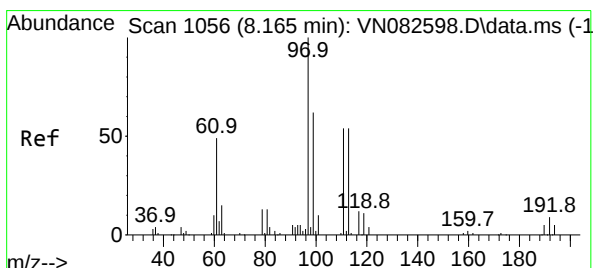
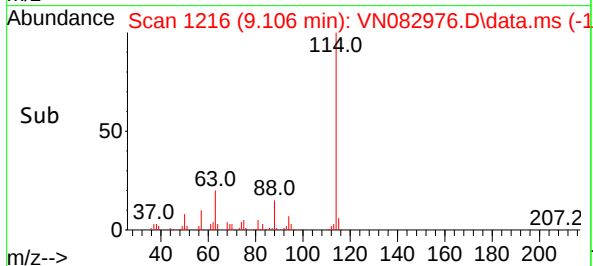
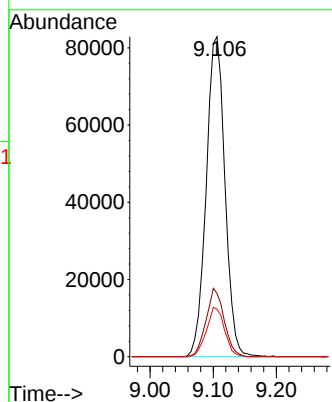
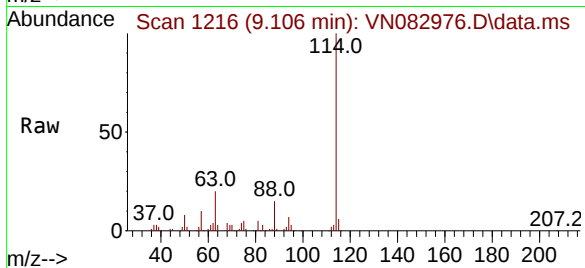
Tgt Ion:114 Resp: 170652

Ion Ratio Lower Upper

114 100

63 19.8 0.0 44.6

88 14.8 0.0 31.4



#35

Dibromofluoromethane

Concen: 49.536 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082976.D

Acq: 18 Jul 2024 14:54

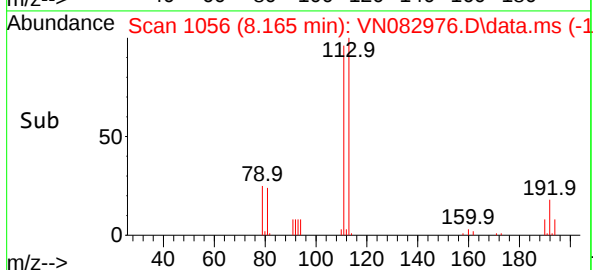
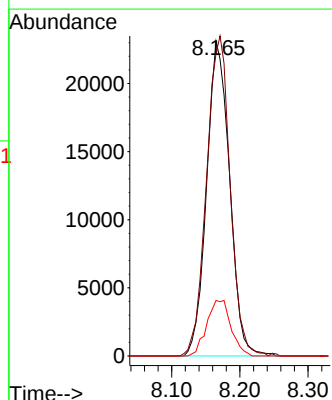
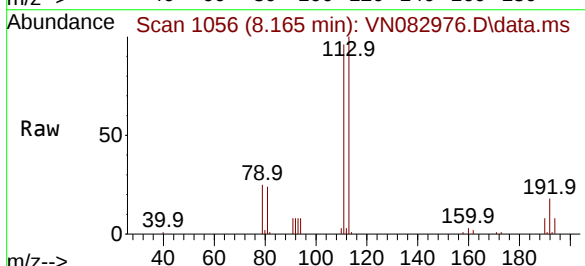
Tgt Ion:113 Resp: 54243

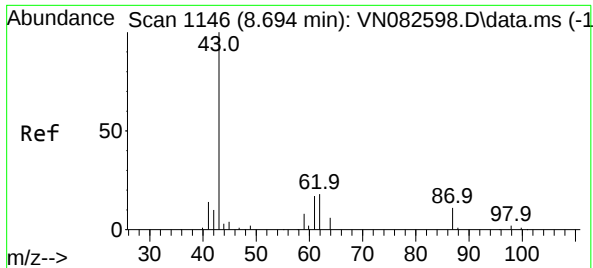
Ion Ratio Lower Upper

113 100

111 104.1 82.4 123.6

192 18.6 14.9 22.3

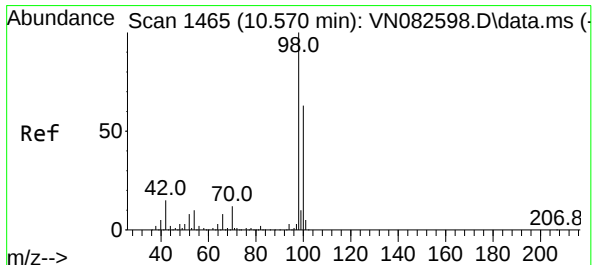
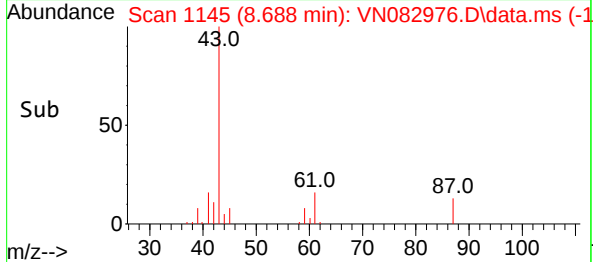
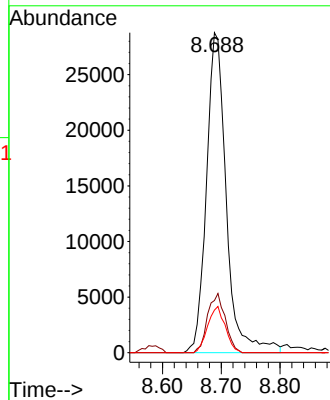
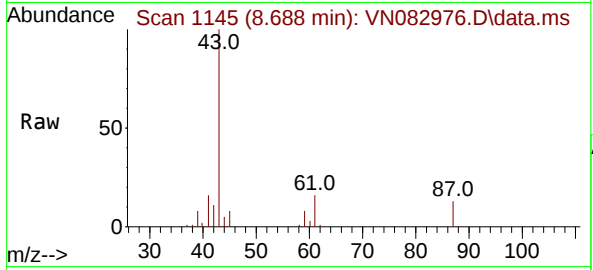




#43
Isopropyl Acetate
Concen: 21.644 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082976.D
Acq: 18 Jul 2024 14:54

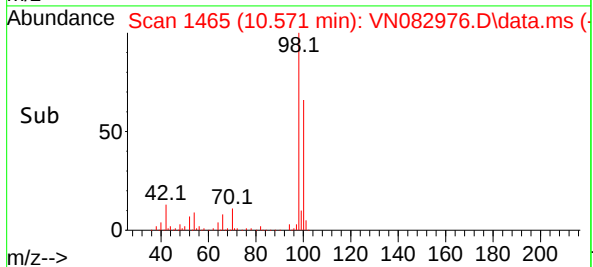
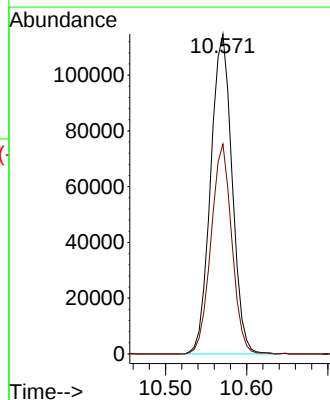
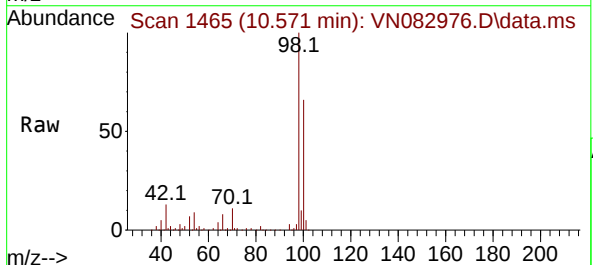
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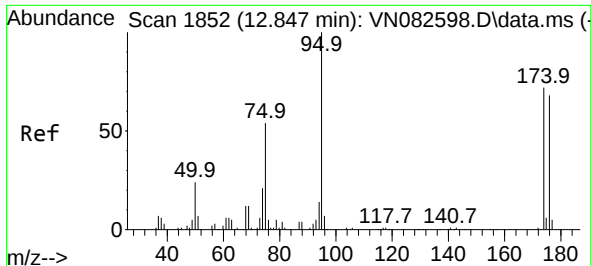
Tgt Ion: 43 Resp: 67608
Ion Ratio Lower Upper
43 100
61 16.5 17.8 26.6#
87 12.8 8.2 12.2#



#50
Toluene-d8
Concen: 52.044 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082976.D
Acq: 18 Jul 2024 14:54

Tgt Ion: 98 Resp: 210491
Ion Ratio Lower Upper
98 100
100 63.7 51.5 77.3

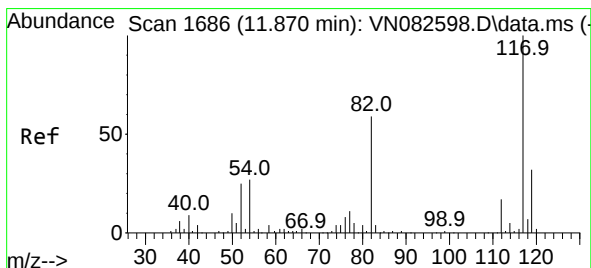
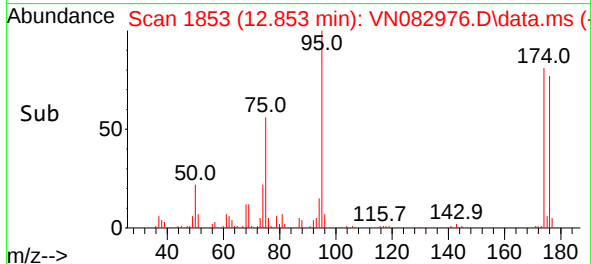
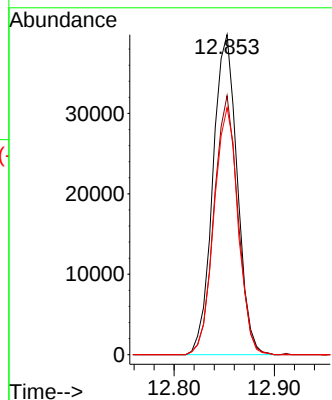
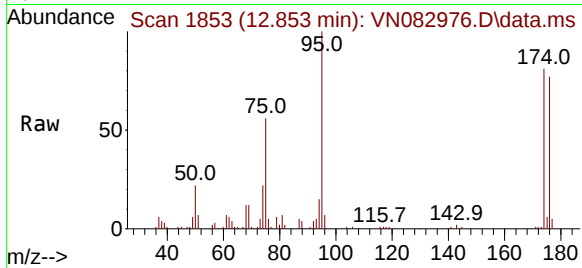




#62
4-Bromofluorobenzene
Concen: 46.257 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082976.D
Acq: 18 Jul 2024 14:54

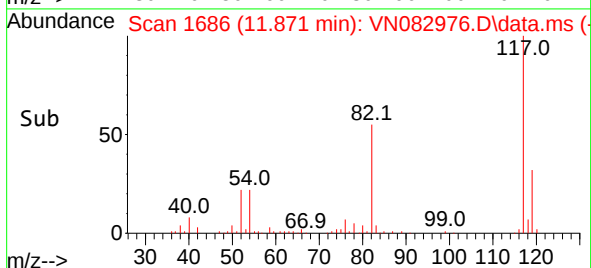
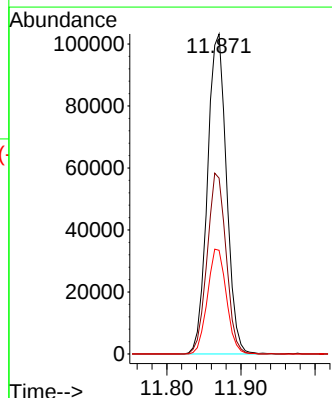
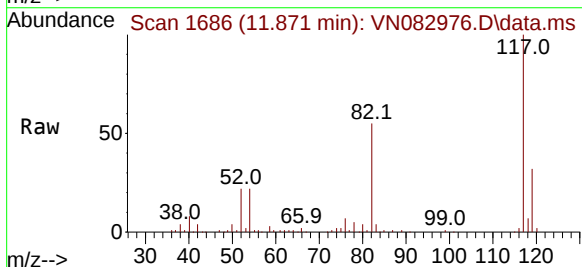
Instrument :
MSVOA_N
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WC-CTW2-BL-06-G

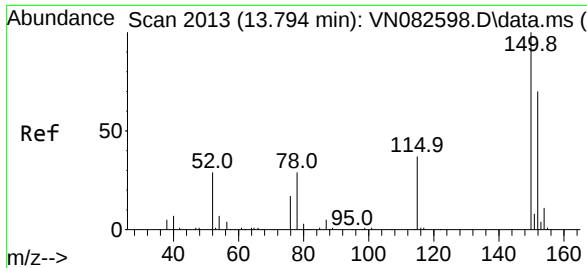
Tgt Ion: 95 Resp: 67202
Ion Ratio Lower Upper
95 100
174 79.1 0.0 159.2
176 76.6 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN082976.D
Acq: 18 Jul 2024 14:54

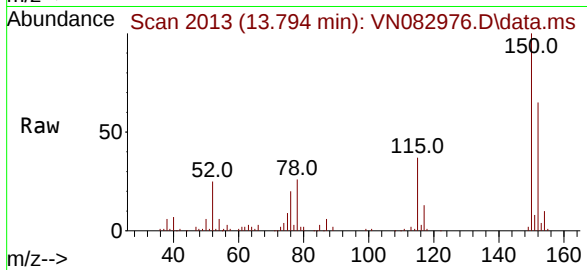
Tgt Ion: 117 Resp: 183836
Ion Ratio Lower Upper
117 100
82 54.9 47.5 71.3
119 32.4 25.6 38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN082976.D
Acq: 18 Jul 2024 14:54

Instrument :
MSVOA_N
ClientSampleId :
WC-CTW2-BL-06-G



Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.3	30.6	91.6
150	159.6	0.0	348.6

