

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071823\
 Data File : VN078568.D
 Acq On : 18 Jul 2023 18:04
 Operator : JC\MD
 Sample : 03654-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 72-12016

Quant Time: Jul 19 01:54:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

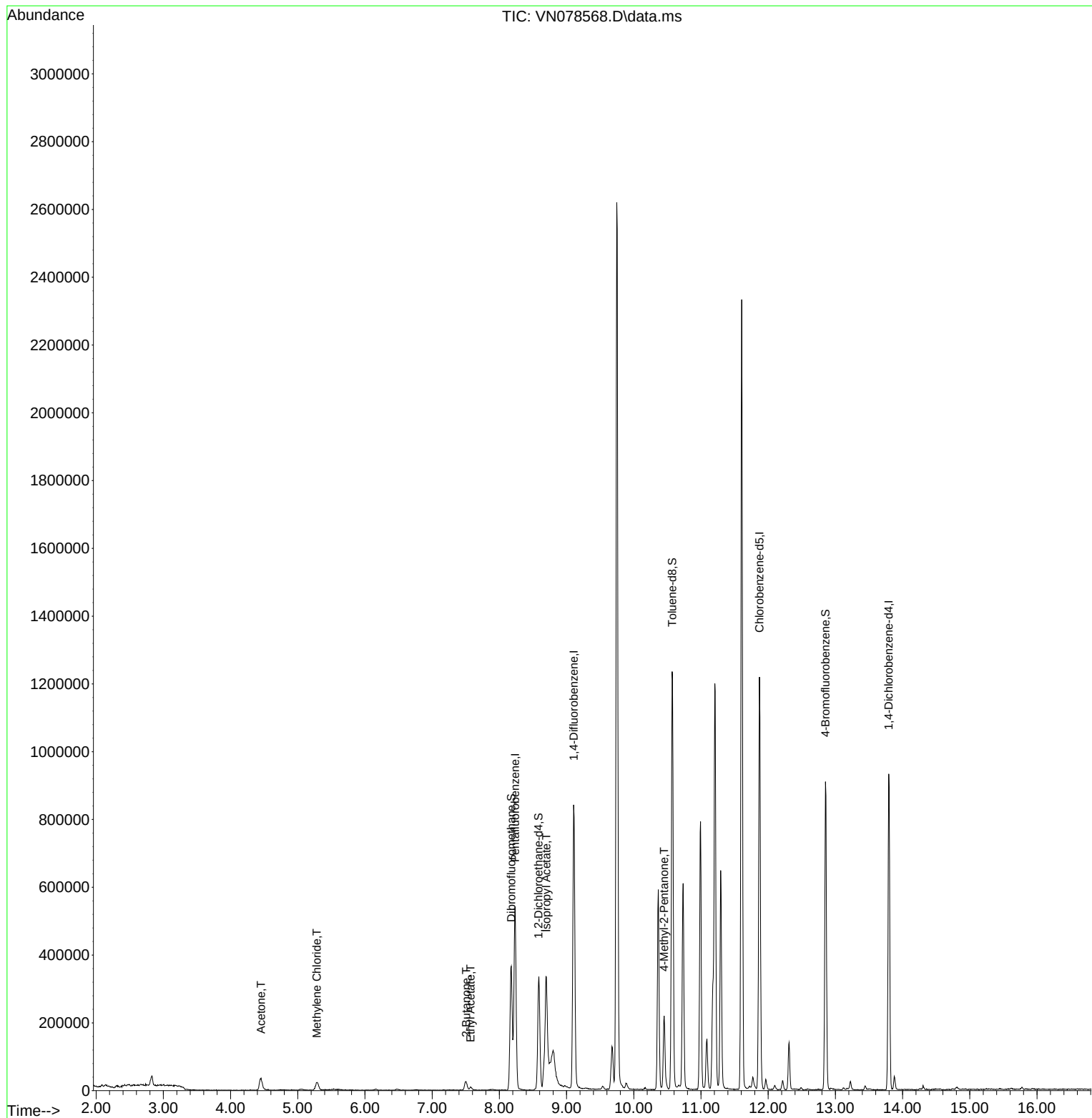
Internal Standards						
1) Pentafluorobenzene	8.235	168	398284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	755943	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	719475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	259253	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	267758	50.147	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.300%		
35) Dibromofluoromethane	8.177	113	268517	52.326	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 104.660%		
50) Toluene-d8	10.571	98	894377	46.136	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 92.280%		
62) 4-Bromofluorobenzene	12.853	95	311863	52.228	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 104.460%		
Target Compounds						
						Qvalue
16) Acetone	4.453	43	67836	40.786	ug/l	96
20) Methylene Chloride	5.283	84	18871	2.801	ug/l	91
25) 2-Butanone	7.506	43	42461	16.218	ug/l #	72
37) Ethyl Acetate	7.571	43	12587	2.038	ug/l #	95
43) Isopropyl Acetate	8.700	43	421928	41.491	ug/l #	75
51) 4-Methyl-2-Pentanone	10.453	43	145849	24.112	ug/l	94

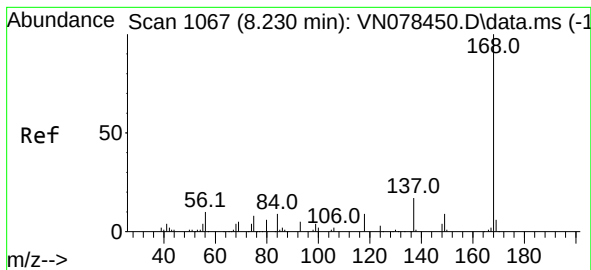
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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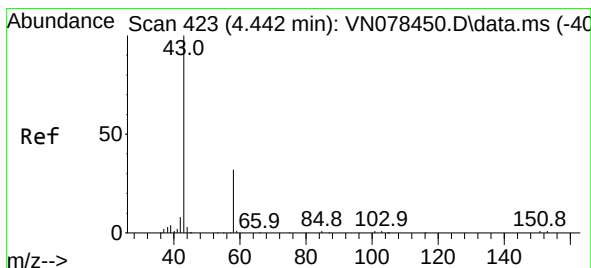
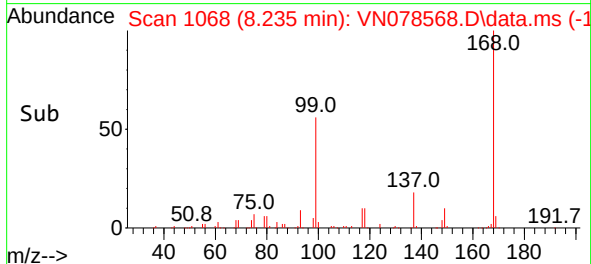
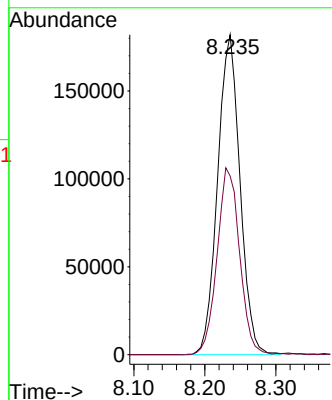
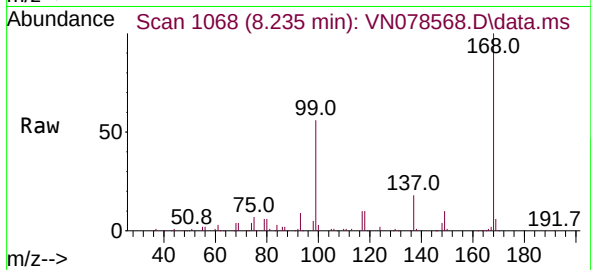




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.005 min
Lab File: VN078568.D
Acq: 18 Jul 2023 18:04

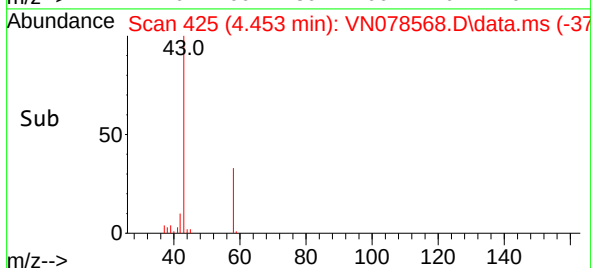
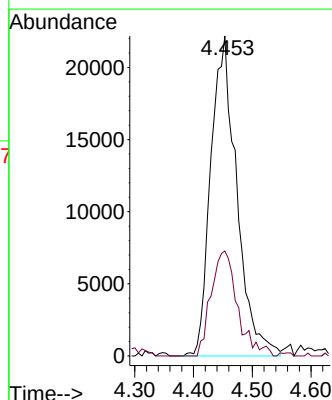
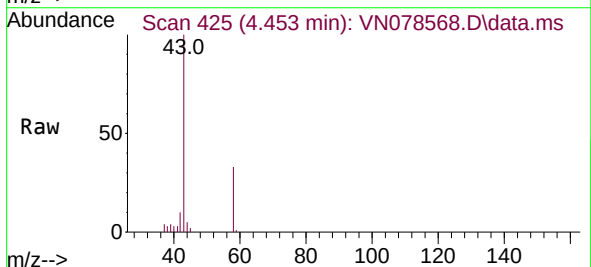
Instrument :
MSVOA_N
ClientSampleId :
72-12016

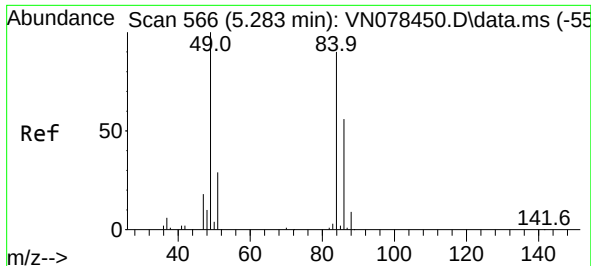
Tgt Ion:168 Resp: 398284
Ion Ratio Lower Upper
168 100
99 55.9 53.0 79.6



#16
Acetone
Concen: 40.786 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.011 min
Lab File: VN078568.D
Acq: 18 Jul 2023 18:04

Tgt Ion: 43 Resp: 67836
Ion Ratio Lower Upper
43 100
58 32.8 28.0 42.0

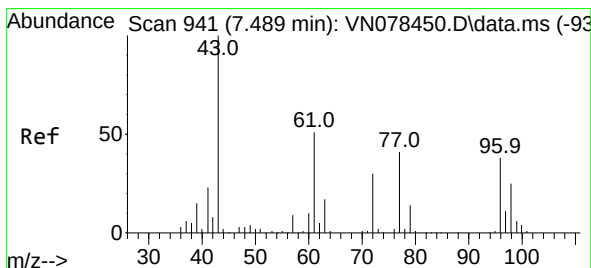
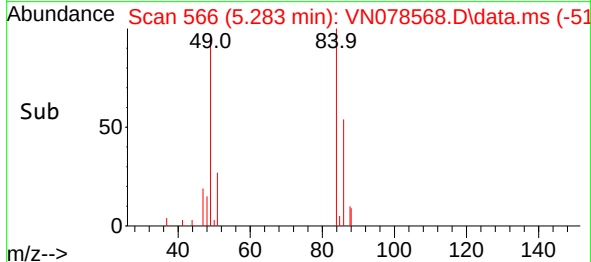
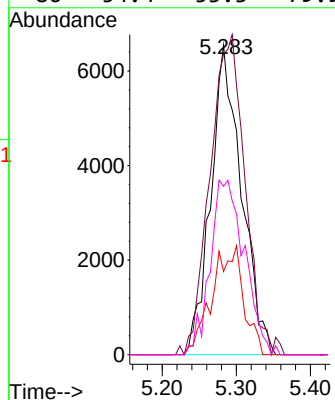
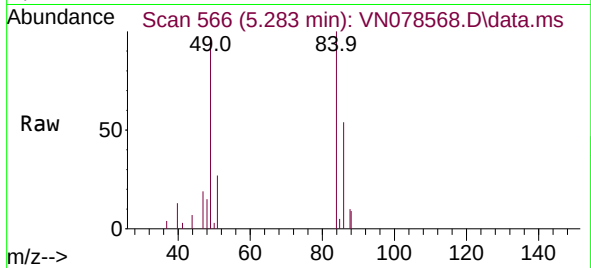




#20
Methylene Chloride
Concen: 2.801 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN078568.D
Acq: 18 Jul 2023 18:04

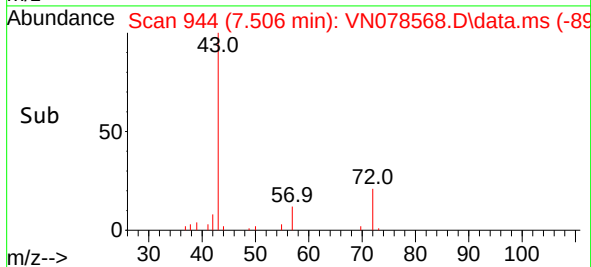
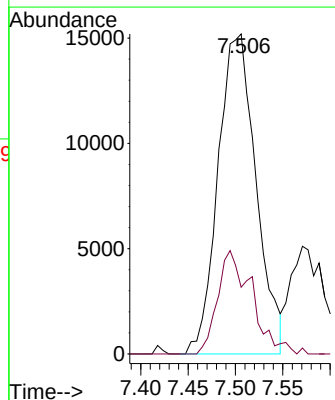
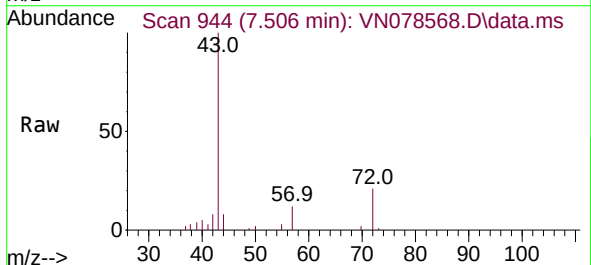
Instrument :
MSVOA_N
ClientSampleId :
72-12016

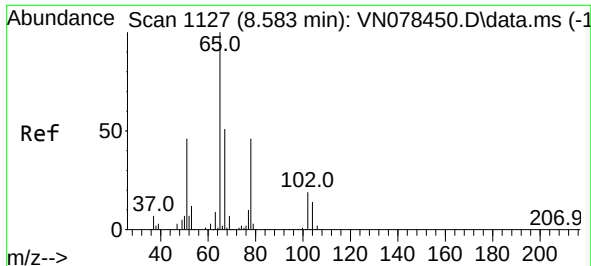
Tgt Ion:	84	Resp:	18871
Ion	Ratio	Lower	Upper
84	100		
49	94.1	79.7	119.5
51	26.9	25.2	37.8
86	54.4	53.3	79.9



#25
2-Butanone
Concen: 16.218 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.017 min
Lab File: VN078568.D
Acq: 18 Jul 2023 18:04

Tgt Ion:	43	Resp:	42461
Ion	Ratio	Lower	Upper
43	100		
72	20.9	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 50.147 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN078568.D

Acq: 18 Jul 2023 18:04

Instrument :

MSVOA_N

ClientSampleId :

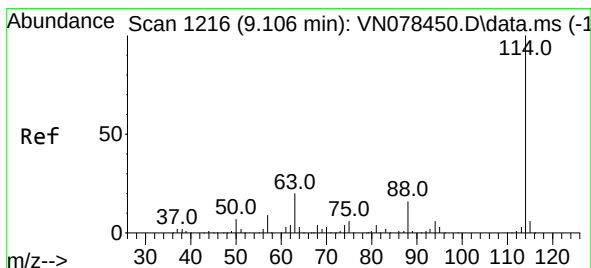
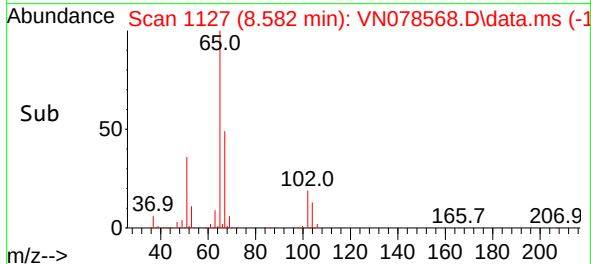
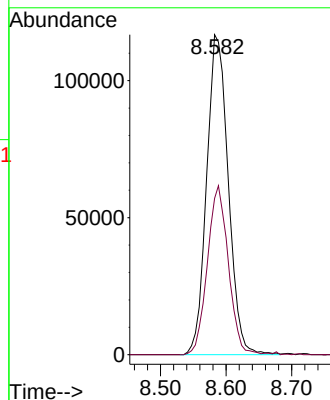
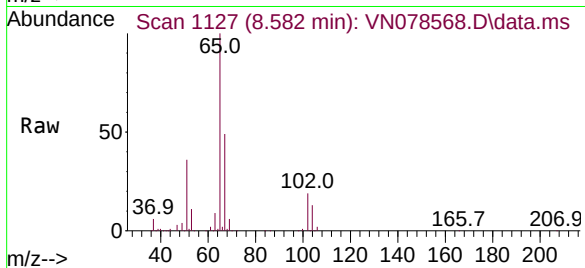
72-12016

Tgt Ion: 65 Resp: 267758

Ion Ratio Lower Upper

65 100

67 51.1 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078568.D

Acq: 18 Jul 2023 18:04

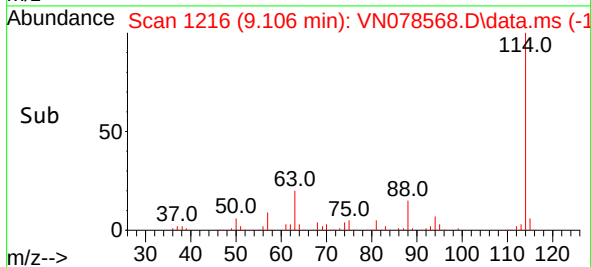
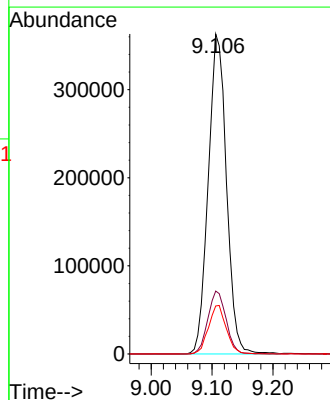
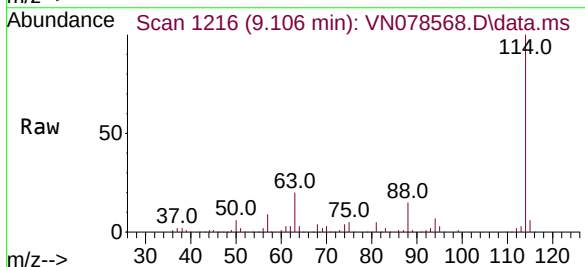
Tgt Ion: 114 Resp: 755943

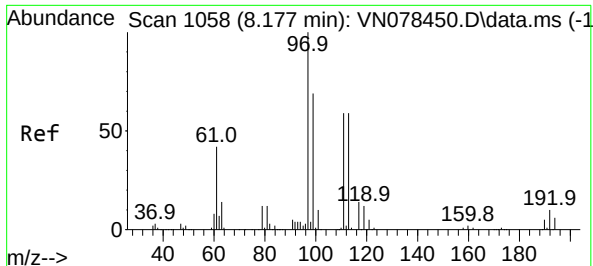
Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

88 15.0 0.0 30.6

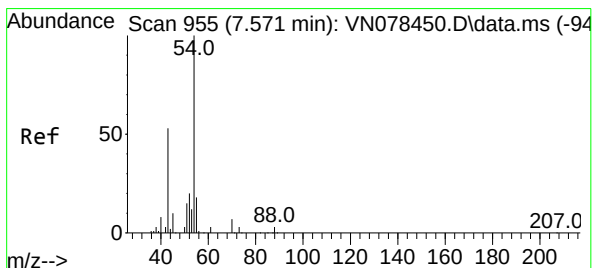
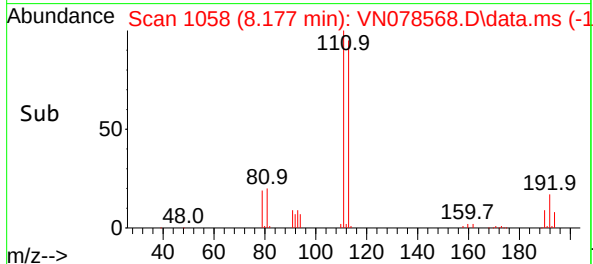
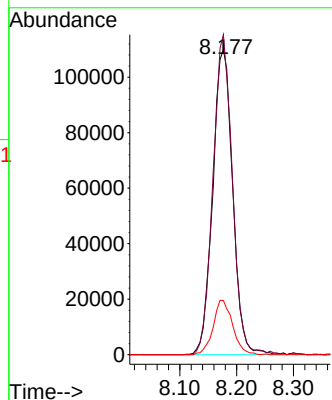
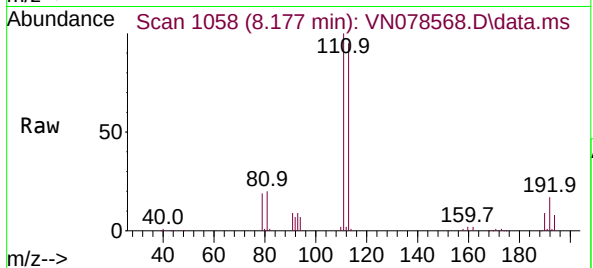




#35
Dibromofluoromethane
Concen: 52.326 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078568.D
Acq: 18 Jul 2023 18:04

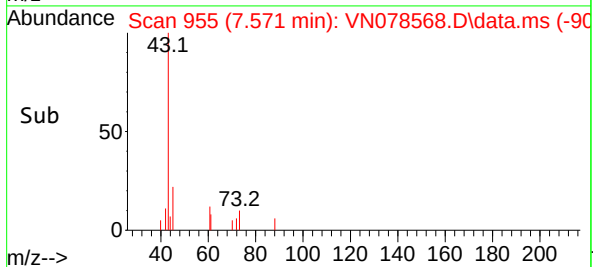
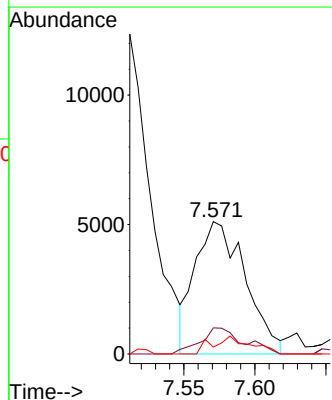
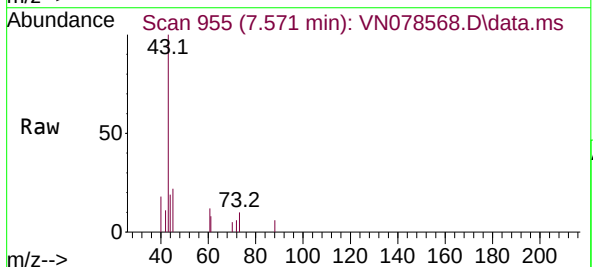
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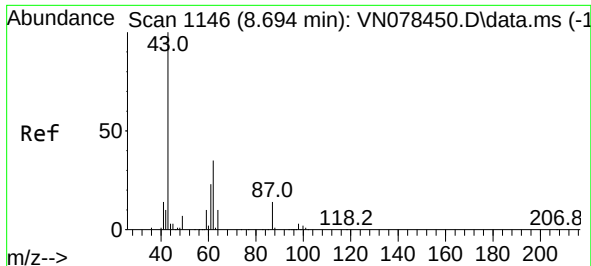
Tgt Ion:113 Resp: 268517
Ion Ratio Lower Upper
113 100
111 101.9 82.6 123.8
192 17.4 12.7 19.1



#37
Ethyl Acetate
Concen: 2.038 ug/l
RT: 7.571 min Scan# 955
Delta R.T. -0.000 min
Lab File: VN078568.D
Acq: 18 Jul 2023 18:04

Tgt Ion: 43 Resp: 12587
Ion Ratio Lower Upper
43 100
61 16.8 13.2 19.8
70 10.0 11.3 16.9#

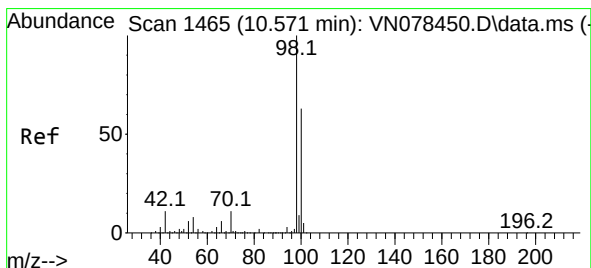
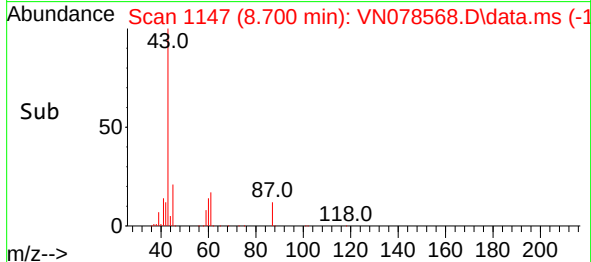
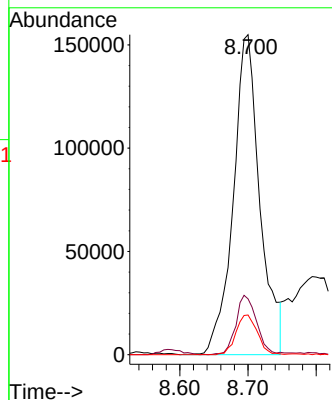
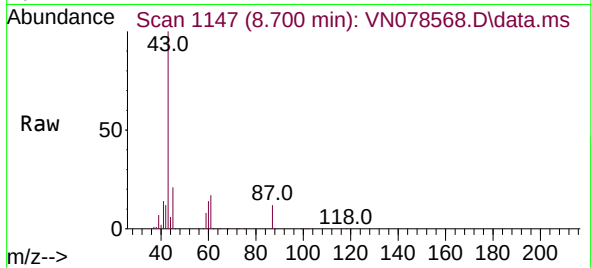




#43
Isopropyl Acetate
Concen: 41.491 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078568.D
Acq: 18 Jul 2023 18:04

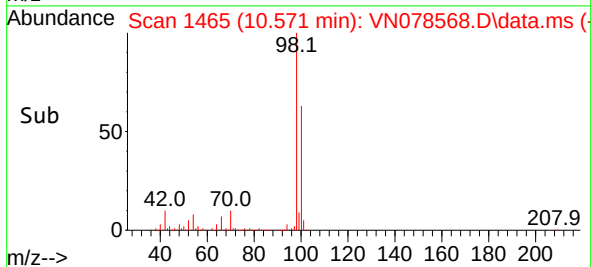
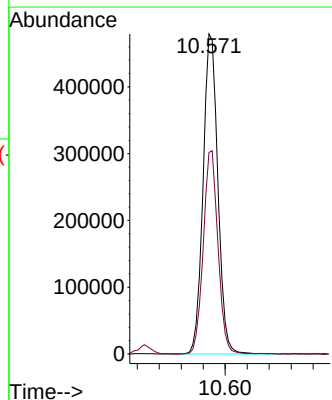
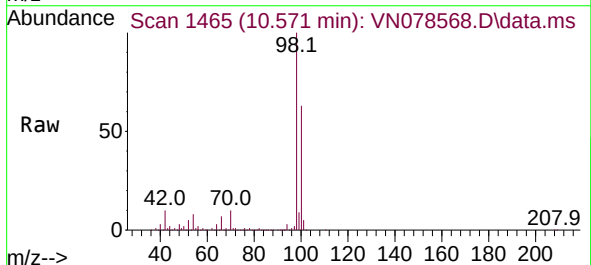
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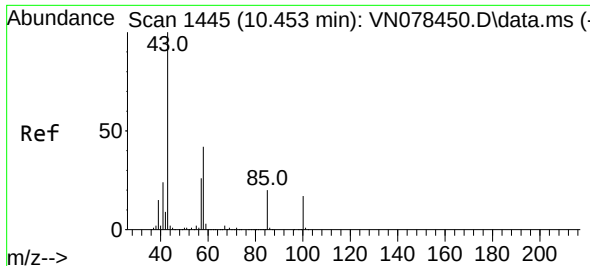
Tgt Ion: 43 Resp: 421928
Ion Ratio Lower Upper
43 100
61 14.7 24.7 37.1#
87 9.9 14.6 21.8#



#50
Toluene-d8
Concen: 46.136 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078568.D
Acq: 18 Jul 2023 18:04

Tgt Ion: 98 Resp: 894377
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0

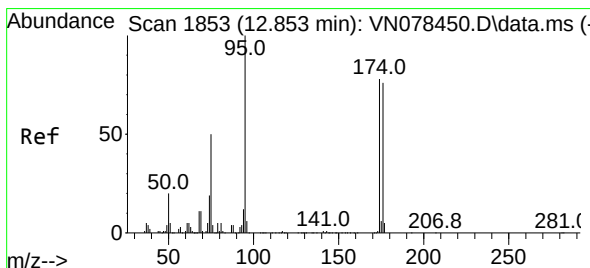
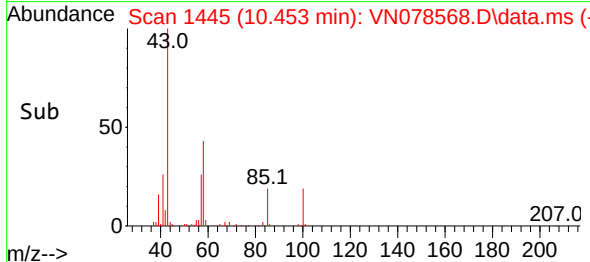
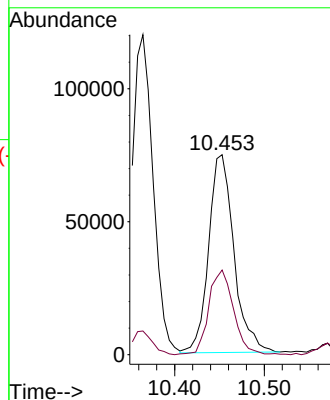
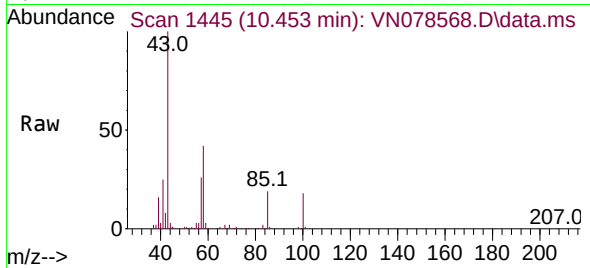




#51
4-Methyl-2-Pentanone
Concen: 24.112 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078568.D
Acq: 18 Jul 2023 18:04

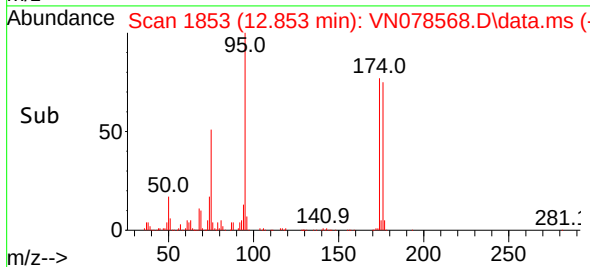
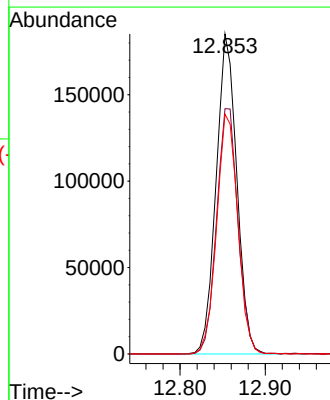
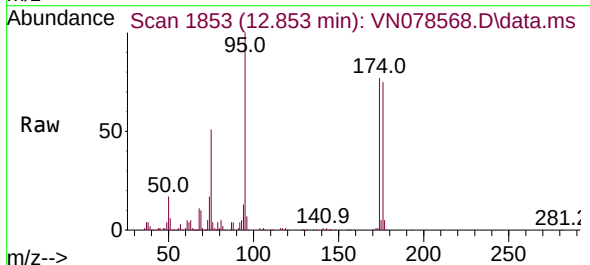
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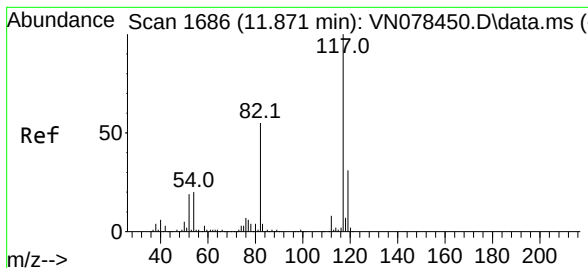
Tgt Ion: 43 Resp: 145849
Ion Ratio Lower Upper
43 100
58 41.9 36.6 54.8



#62
4-Bromofluorobenzene
Concen: 52.228 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078568.D
Acq: 18 Jul 2023 18:04

Tgt Ion: 95 Resp: 311863
Ion Ratio Lower Upper
95 100
174 79.2 0.0 143.8
176 76.8 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN078568.D

Acq: 18 Jul 2023 18:04

Instrument :

MSVOA_N

ClientSampleId :

72-12016

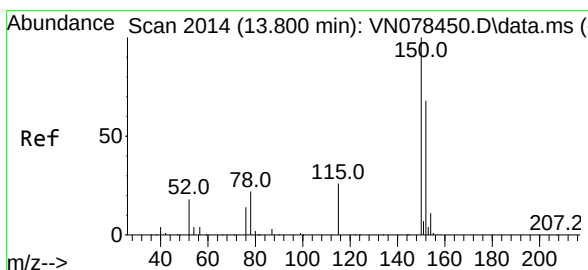
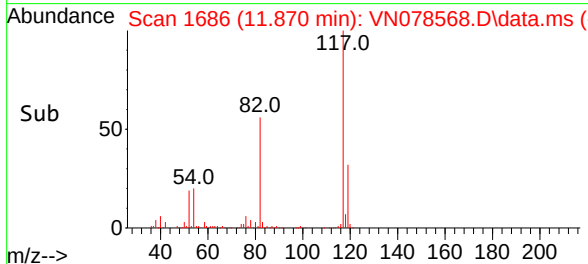
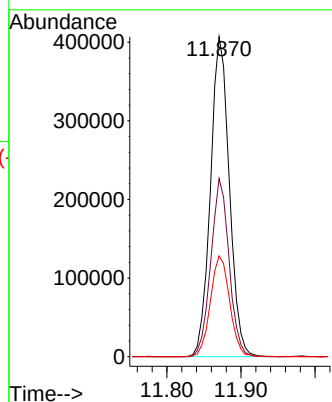
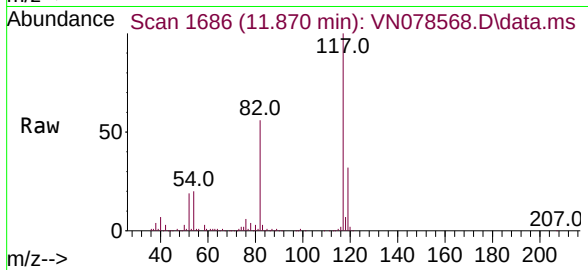
Tgt Ion:117 Resp: 719475

Ion Ratio Lower Upper

117 100

82 55.7 44.0 66.0

119 31.5 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.006 min

Lab File: VN078568.D

Acq: 18 Jul 2023 18:04

Tgt Ion:152 Resp: 259253

Ion Ratio Lower Upper

152 100

115 59.0 32.3 96.8

150 156.4 0.0 355.8

