

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041323\
 Data File : VN077325.D
 Acq On : 13 Apr 2023 13:47
 Operator : JC\MD
 Sample : 02292-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-SO-G1-041123

Quant Time: Apr 14 07:23:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

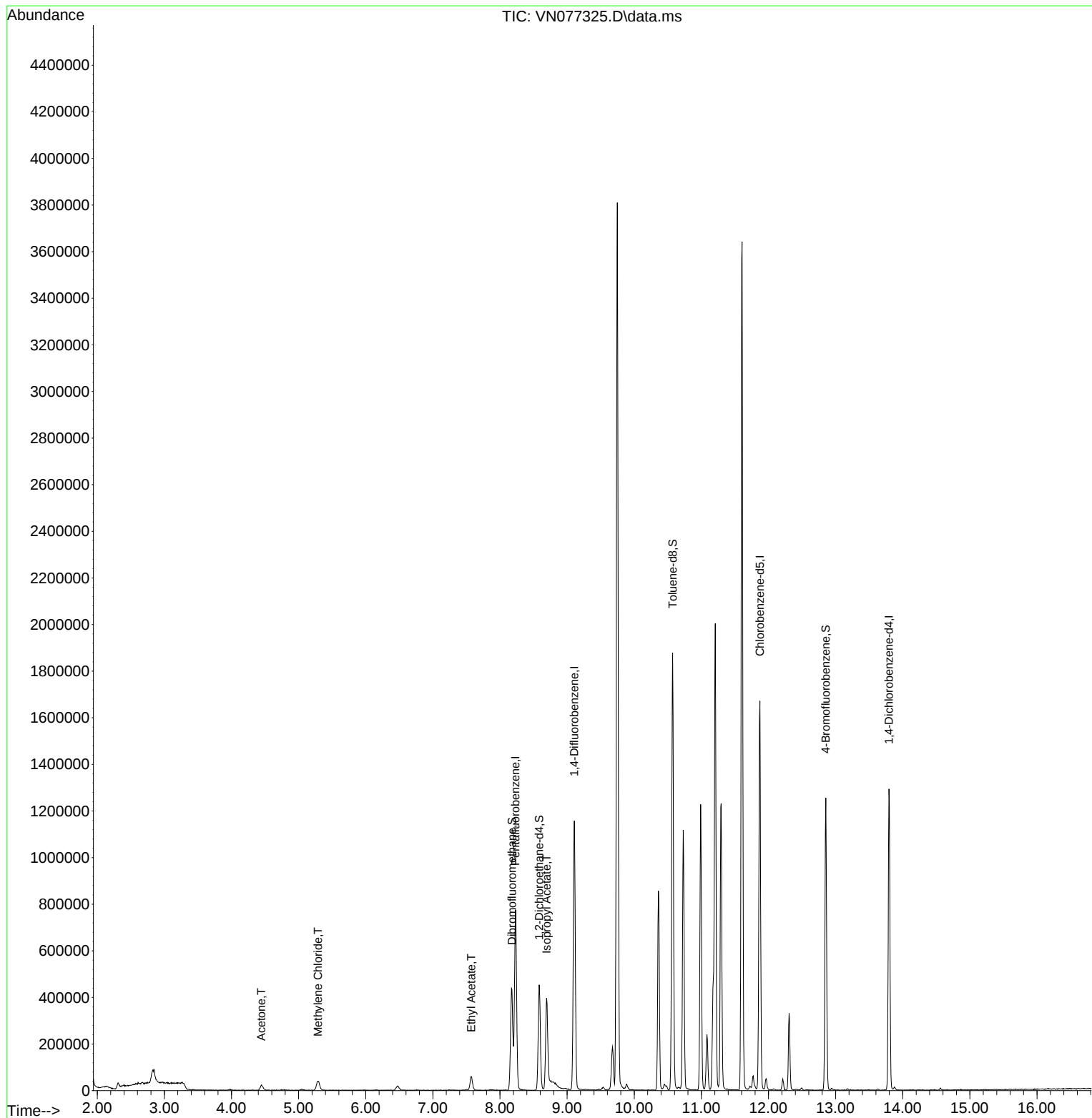
Internal Standards						
1) Pentafluorobenzene	8.230	168	555990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1057745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	982282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	346527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	349979	46.056	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.120%
35) Dibromofluoromethane	8.178	113	318177	46.989	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.980%
50) Toluene-d8	10.572	98	1343150	49.273	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.540%
62) 4-Bromofluorobenzene	12.854	95	430979	47.538	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.080%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	39963	14.264	ug/l	95
20) Methylene Chloride	5.290	84	36167	4.571	ug/l	93
37) Ethyl Acetate	7.572	43	82972	9.260	ug/l	94
43) Isopropyl Acetate	8.695	43	464616	28.100	ug/l #	87

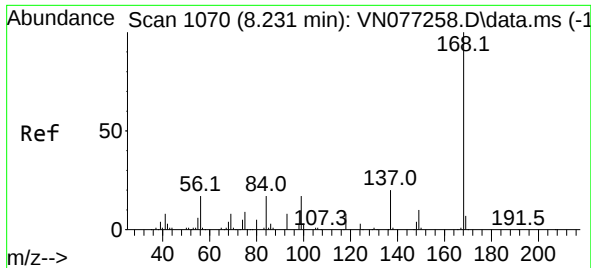
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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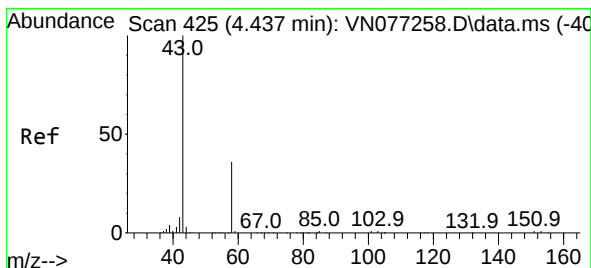
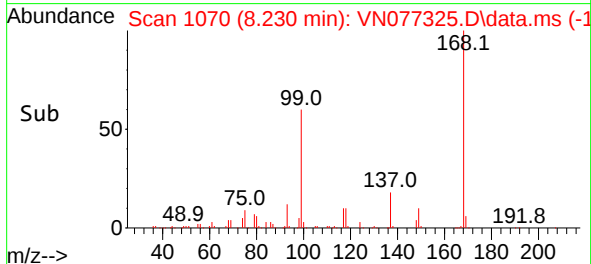
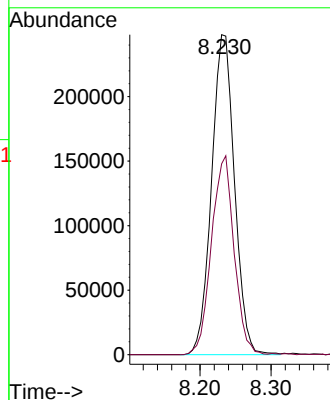
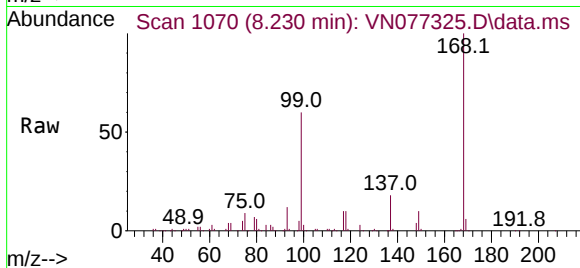




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077325.D
Acq: 13 Apr 2023 13:47

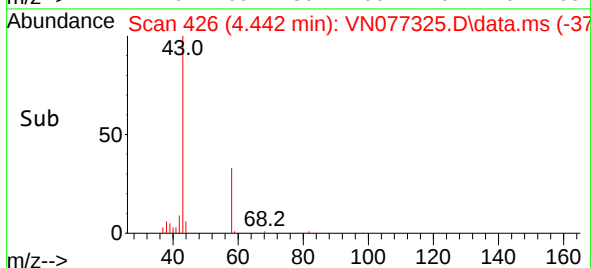
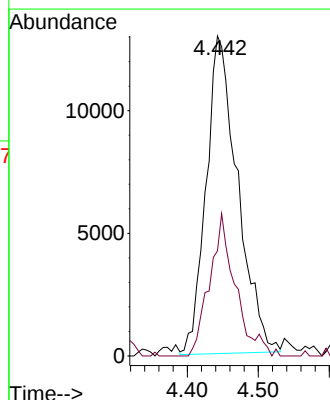
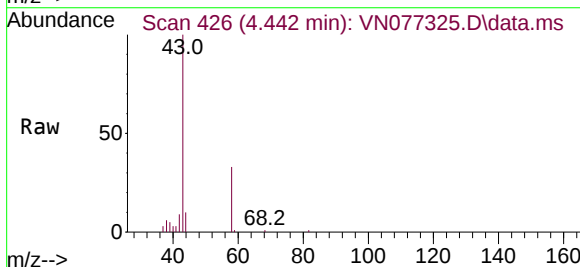
Instrument :
MSVOA_N
ClientSampleId :
IDW-SO-G1-041123

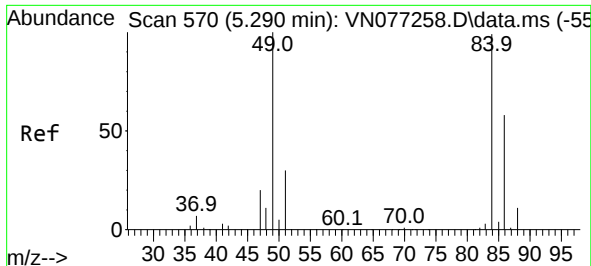
Tgt Ion:168 Resp: 555990
Ion Ratio Lower Upper
168 100
99 59.6 50.6 75.8



#16
Acetone
Concen: 14.264 ug/l
RT: 4.442 min Scan# 426
Delta R.T. 0.005 min
Lab File: VN077325.D
Acq: 13 Apr 2023 13:47

Tgt Ion: 43 Resp: 39963
Ion Ratio Lower Upper
43 100
58 33.3 29.0 43.6

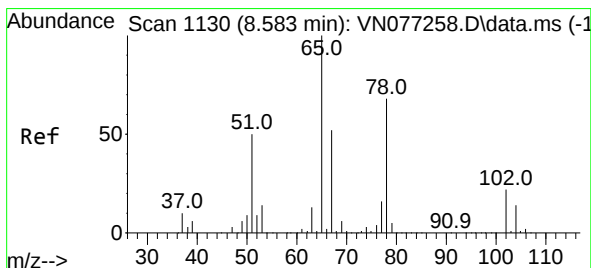
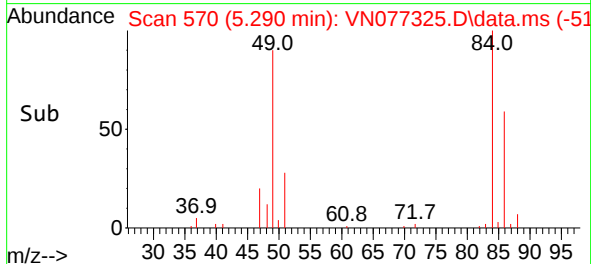
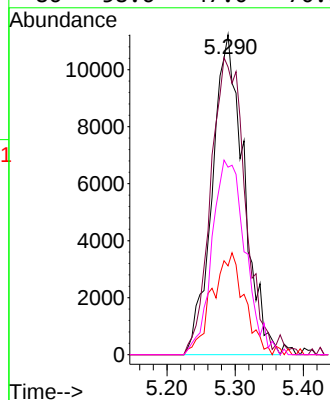
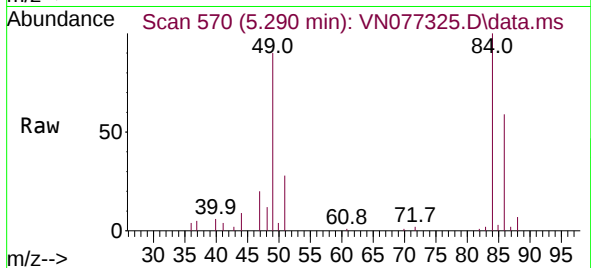




#20
Methylene Chloride
Concen: 4.571 ug/l
RT: 5.290 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077325.D
Acq: 13 Apr 2023 13:47

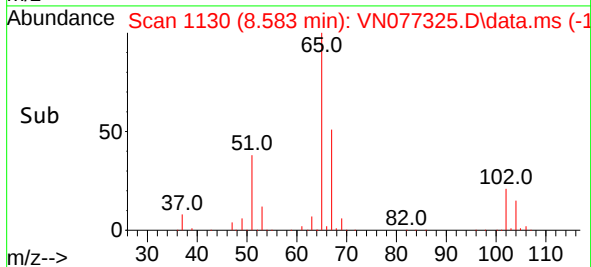
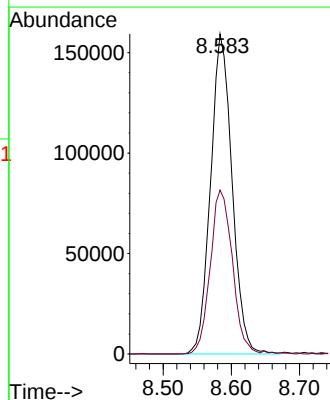
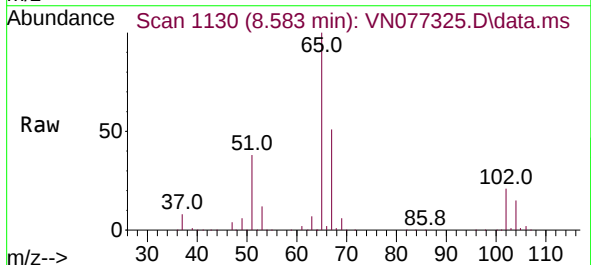
Instrument :
MSVOA_N
ClientSampleId :
IDW-SO-G1-041123

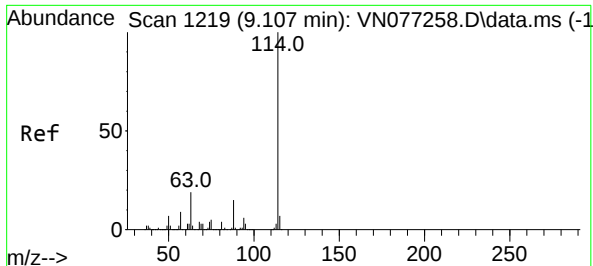
Tgt Ion:	84	Resp:	36167
Ion	Ratio	Lower	Upper
84	100		
49	89.9	80.6	121.0
51	27.7	24.4	36.6
86	58.6	47.0	70.6



#33
1,2-Dichloroethane-d4
Concen: 46.056 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077325.D
Acq: 13 Apr 2023 13:47

Tgt Ion:	65	Resp:	349979
Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077325.D

Acq: 13 Apr 2023 13:47

Instrument :

MSVOA_N

ClientSampleId :

IDW-SO-G1-041123

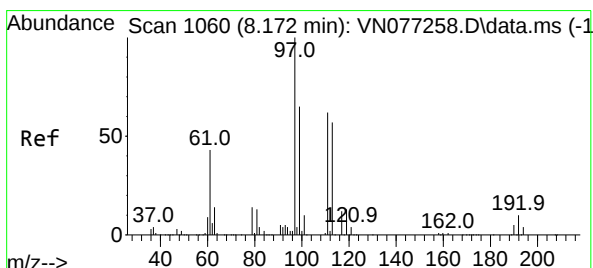
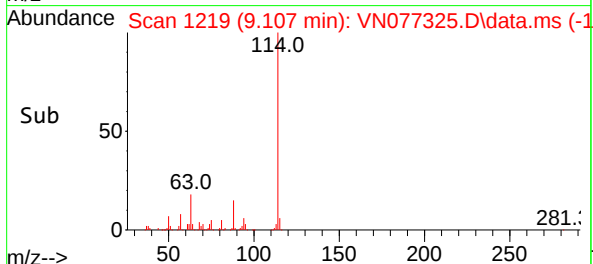
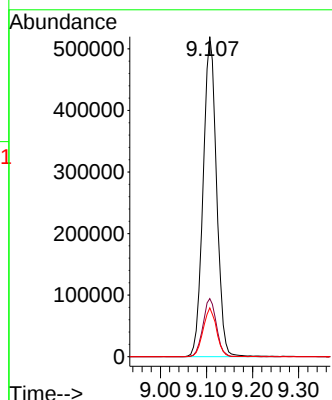
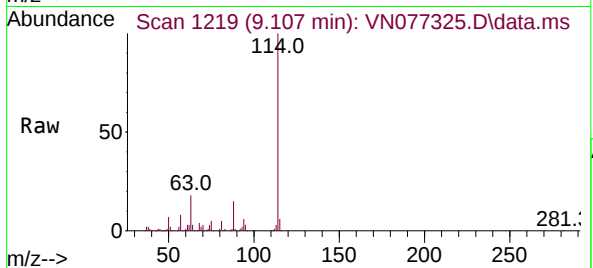
Tgt Ion:114 Resp: 1057745

Ion Ratio Lower Upper

114 100

63 18.2 0.0 37.8

88 15.3 0.0 29.4



#35

Dibromofluoromethane

Concen: 46.989 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VN077325.D

Acq: 13 Apr 2023 13:47

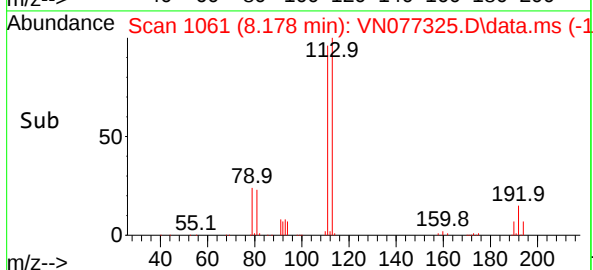
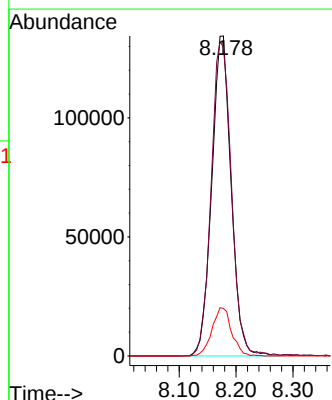
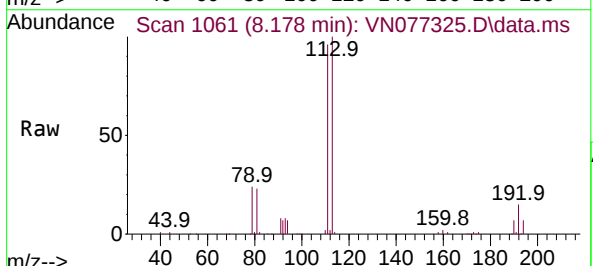
Tgt Ion:113 Resp: 318177

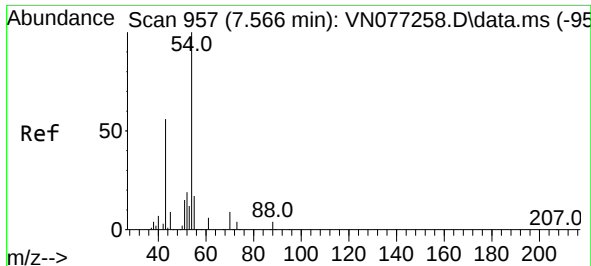
Ion Ratio Lower Upper

113 100

111 102.4 83.4 125.0

192 15.2 13.5 20.3





#37

Ethyl Acetate

Concen: 9.260 ug/l

RT: 7.572 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN077325.D

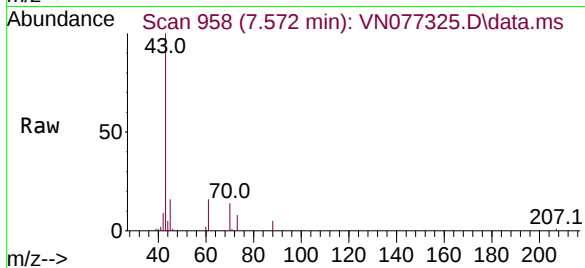
Acq: 13 Apr 2023 13:47

Instrument :

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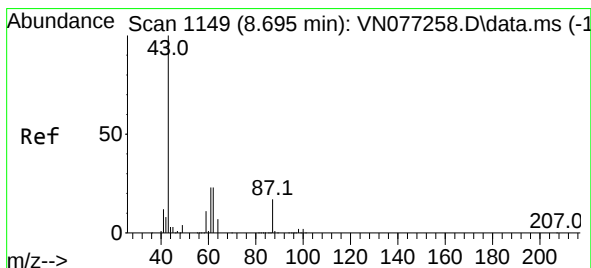
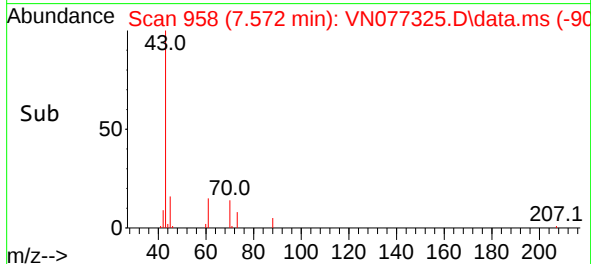
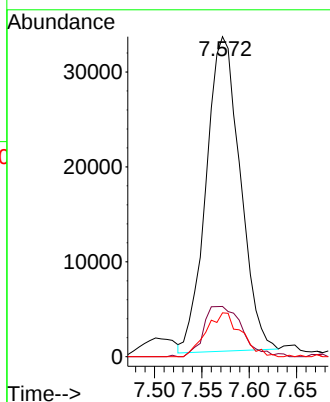
Tgt Ion: 43 Resp: 82972

Ion Ratio Lower Upper

43 100

61 18.0 12.2 18.2

70 14.4 10.0 15.0



#43

Isopropyl Acetate

Concen: 28.100 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VN077325.D

Acq: 13 Apr 2023 13:47

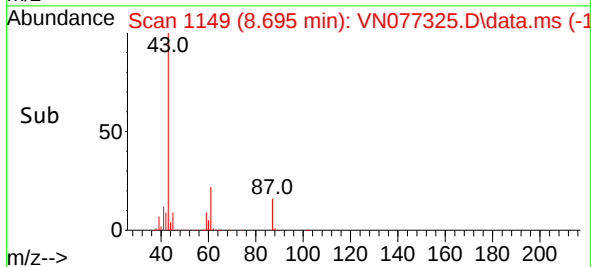
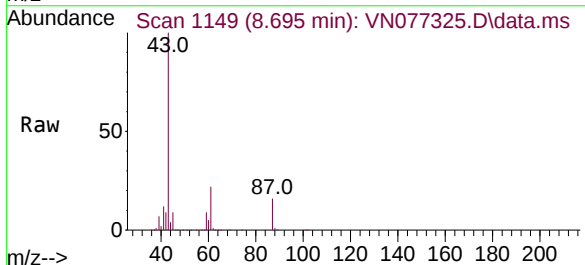
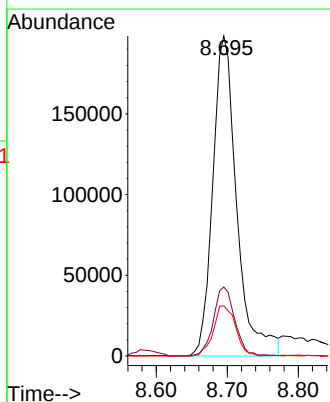
Tgt Ion: 43 Resp: 464616

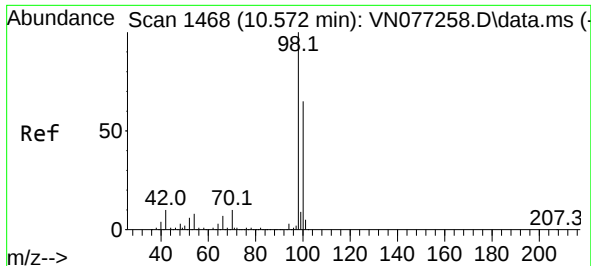
Ion Ratio Lower Upper

43 100

61 19.2 22.7 34.1#

87 14.5 13.6 20.4

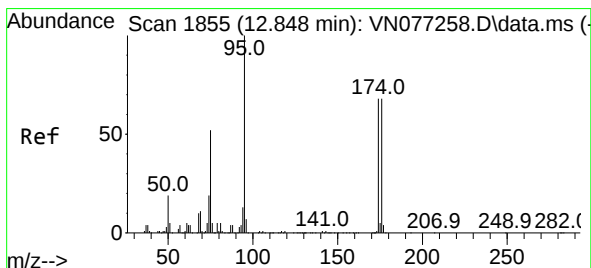
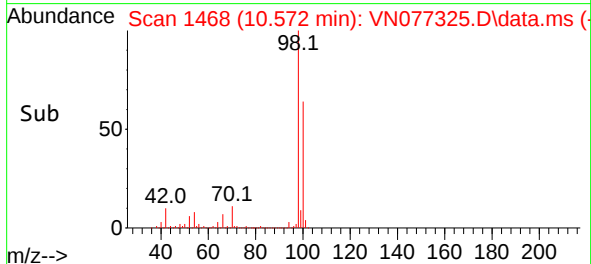
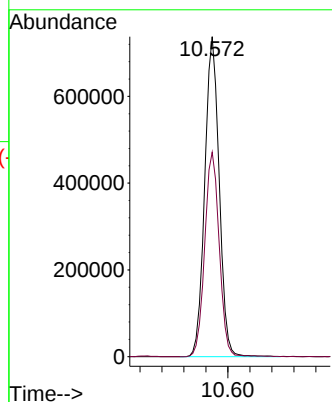
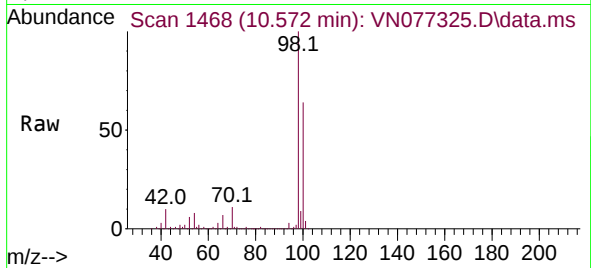




#50
Toluene-d8
Concen: 49.273 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077325.D
Acq: 13 Apr 2023 13:47

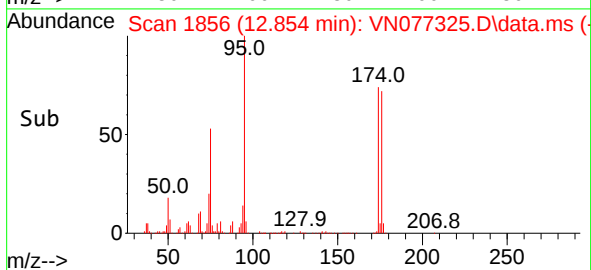
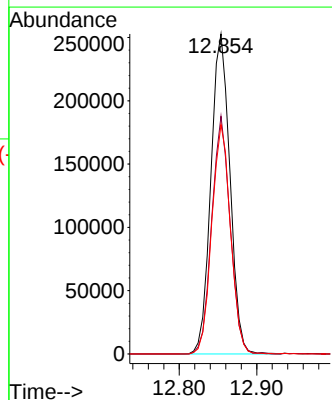
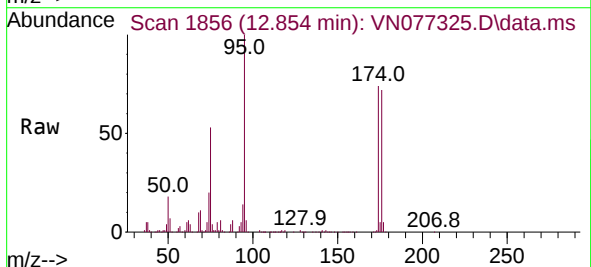
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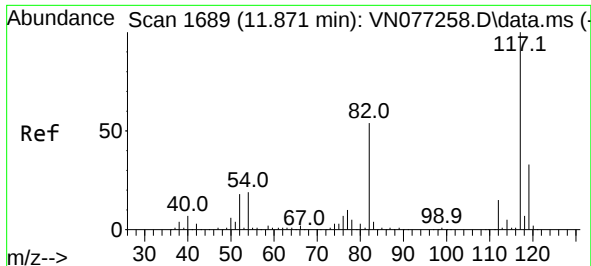
Tgt Ion: 98 Resp: 1343150
Ion Ratio Lower Upper
98 100
100 64.4 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 47.538 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077325.D
Acq: 13 Apr 2023 13:47

Tgt Ion: 95 Resp: 430979
Ion Ratio Lower Upper
95 100
174 72.1 0.0 146.8
176 70.5 0.0 139.6

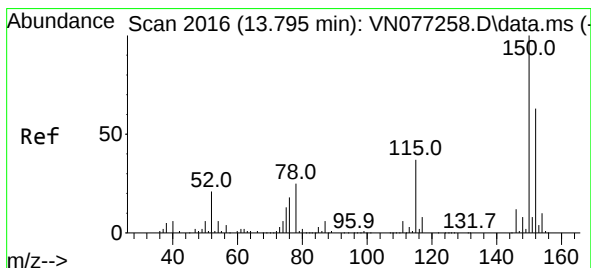
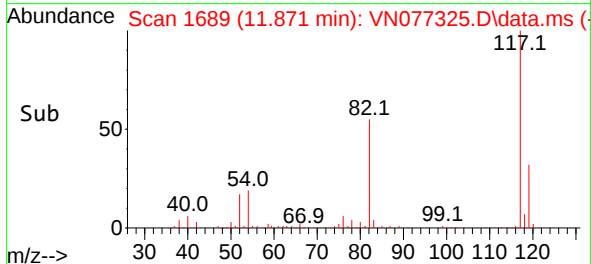
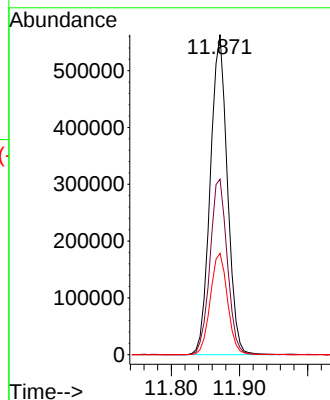
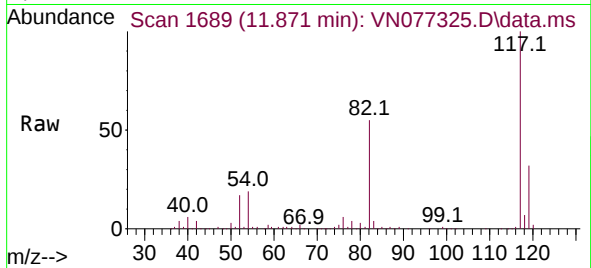




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077325.D
Acq: 13 Apr 2023 13:47

Instrument :
MSVOA_N
ClientSampleId :
IDW-SO-G1-041123

Tgt Ion:117 Resp: 982282
Ion Ratio Lower Upper
117 100
82 54.9 42.9 64.3
119 31.6 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077325.D
Acq: 13 Apr 2023 13:47

Tgt Ion:152 Resp: 346527
Ion Ratio Lower Upper
152 100
115 63.9 32.1 96.3
150 157.2 0.0 354.8

