

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041323\
 Data File : VN077323.D
 Acq On : 13 Apr 2023 12:58
 Operator : JC\MD
 Sample : 02292-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-SO-VB3-041123

Quant Time: Apr 14 07:23:37 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)

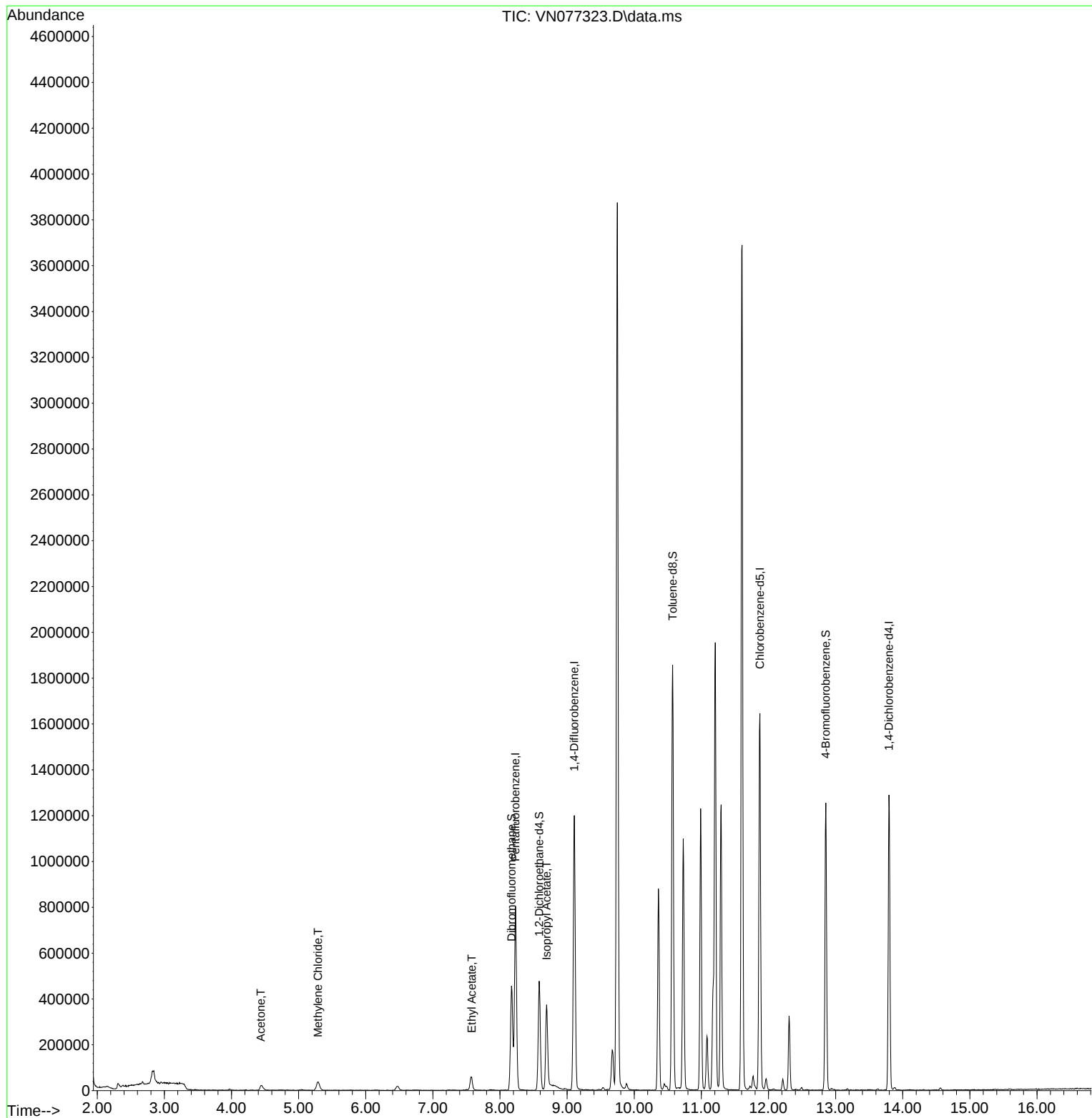
Internal Standards						
1) Pentafluorobenzene	8.231	168	556864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1077698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	990952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	346215	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	360438	47.358	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.720%		
35) Dibromofluoromethane	8.172	113	327915	47.530	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.060%		
50) Toluene-d8	10.572	98	1359585	48.953	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.900%		
62) 4-Bromofluorobenzene	12.854	95	434979	47.091	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.180%		
Target Compounds						
					Qvalue	
16) Acetone	4.437	43	41463	14.776	ug/l	97
20) Methylene Chloride	5.290	84	32405	4.089	ug/l	89
37) Ethyl Acetate	7.578	43	88031	9.643	ug/l	99
43) Isopropyl Acetate	8.695	43	416719	24.737	ug/l #	90

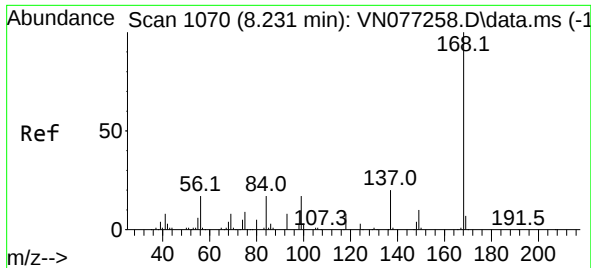
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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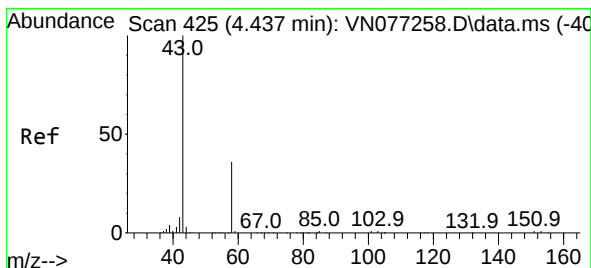
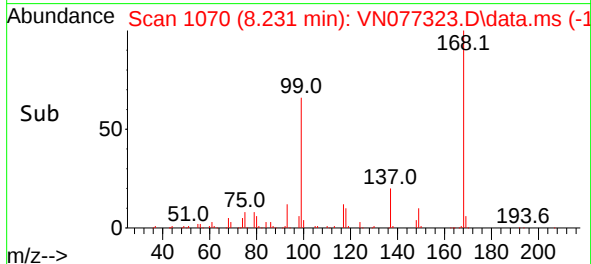
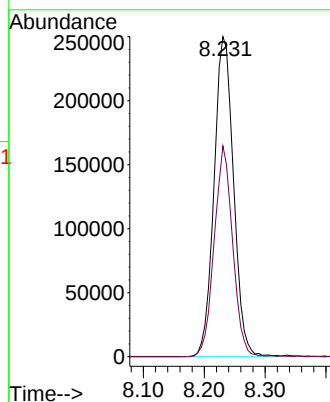
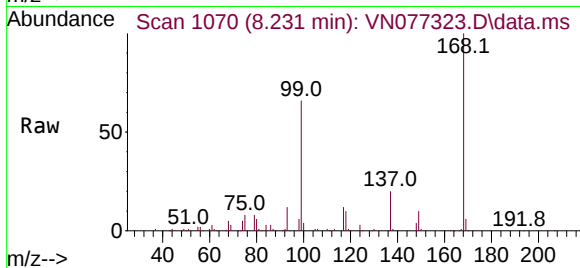




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077323.D
Acq: 13 Apr 2023 12:58

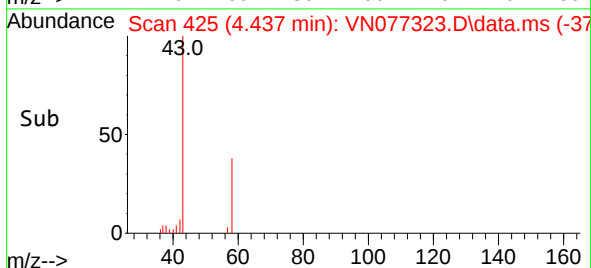
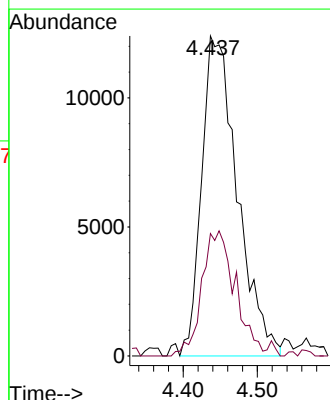
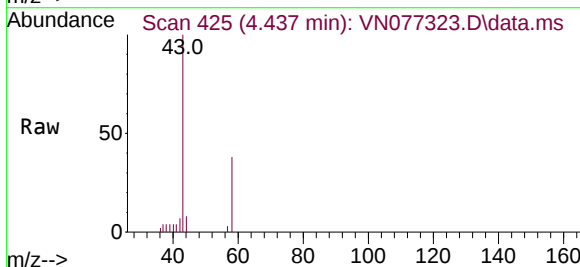
Instrument :
MSVOA_N
ClientSampleId :
IDW-SO-VB3-041123

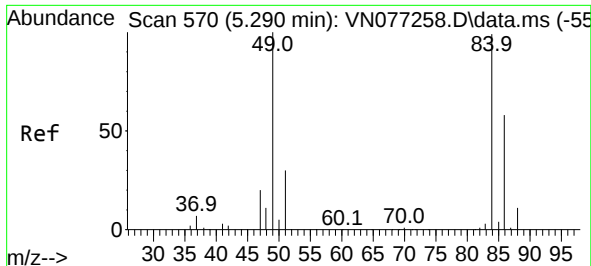
Tgt Ion:168 Resp: 556864
Ion Ratio Lower Upper
168 100
99 65.9 50.6 75.8



#16
Acetone
Concen: 14.776 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077323.D
Acq: 13 Apr 2023 12:58

Tgt Ion: 43 Resp: 41463
Ion Ratio Lower Upper
43 100
58 38.2 29.0 43.6

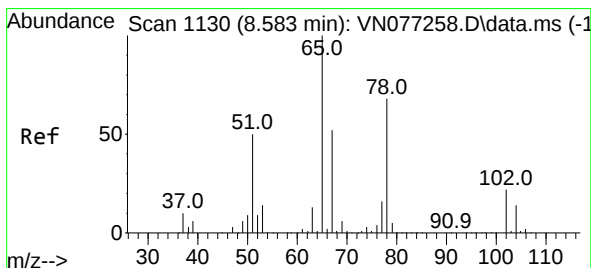
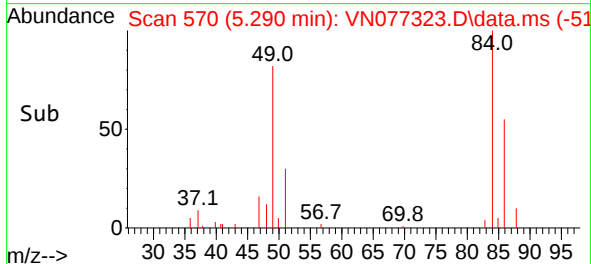
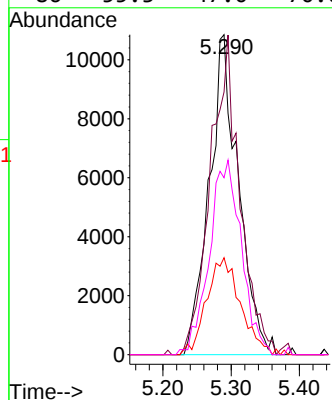
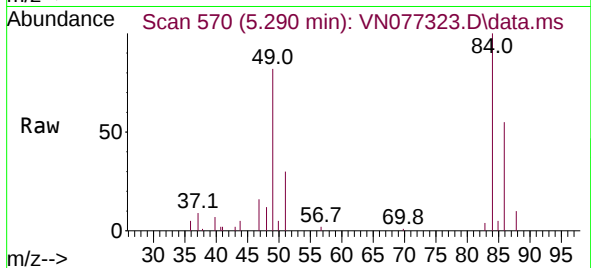




#20
Methylene Chloride
Concen: 4.089 ug/l
RT: 5.290 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077323.D
Acq: 13 Apr 2023 12:58

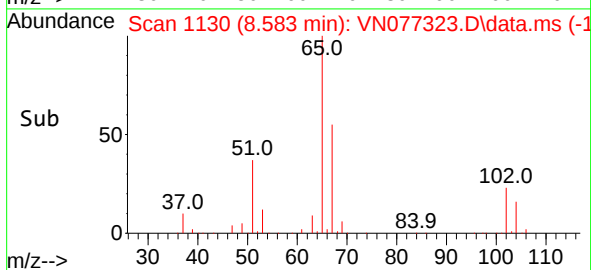
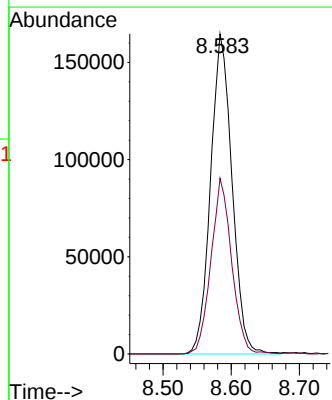
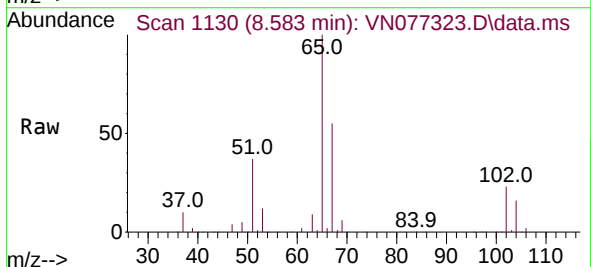
Instrument :
MSVOA_N
ClientSampleId :
IDW-SO-VB3-041123

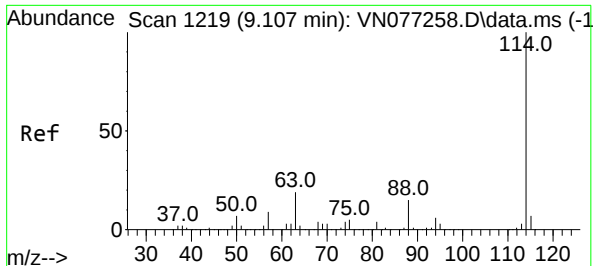
Tgt Ion:	84	Resp:	32405
Ion	Ratio	Lower	Upper
84	100		
49	82.1	80.6	121.0
51	30.3	24.4	36.6
86	55.3	47.0	70.6



#33
1,2-Dichloroethane-d4
Concen: 47.358 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077323.D
Acq: 13 Apr 2023 12:58

Tgt Ion:	65	Resp:	360438
Ion	Ratio	Lower	Upper
65	100		
67	53.0	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: VN077323.D

Acq: 13 Apr 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

IDW-SO-VB3-041123

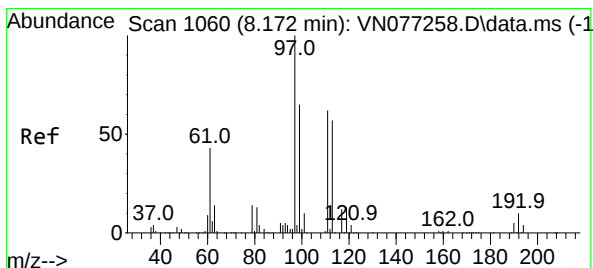
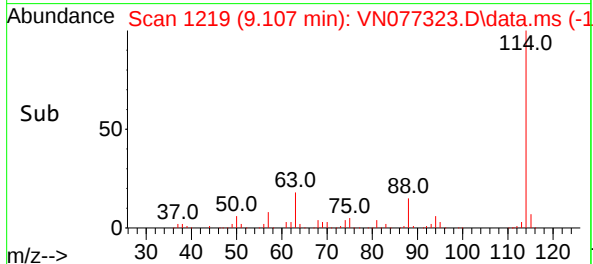
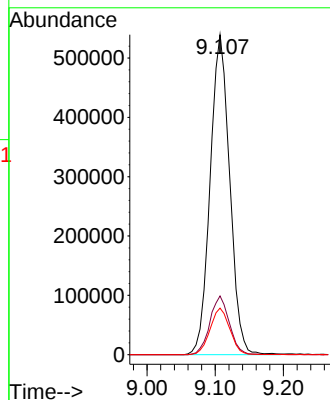
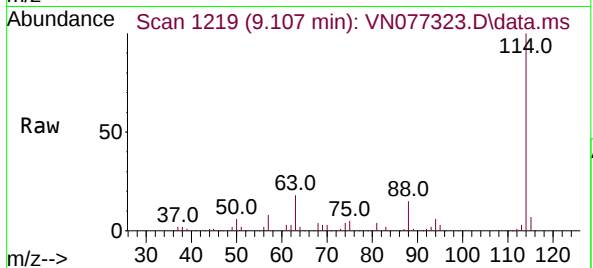
Tgt Ion:114 Resp: 1077698

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.8

88 14.5 0.0 29.4



#35

Dibromofluoromethane

Concen: 47.530 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077323.D

Acq: 13 Apr 2023 12:58

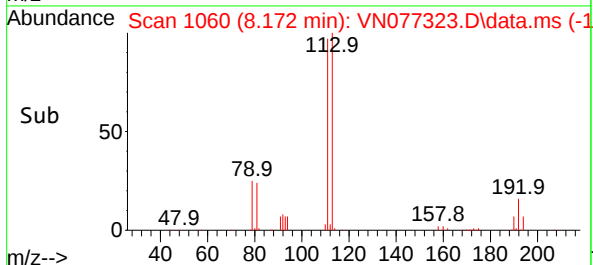
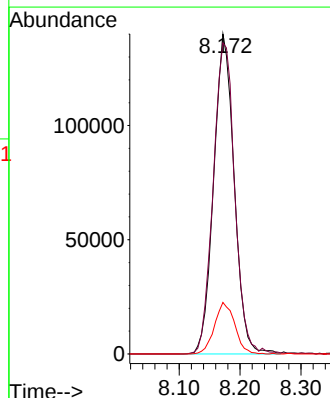
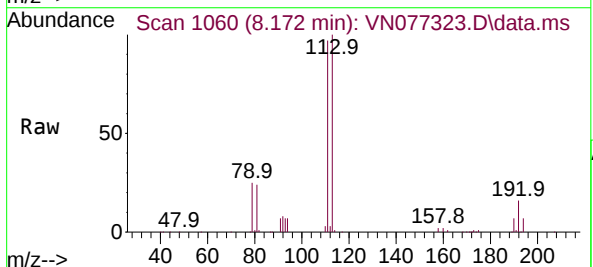
Tgt Ion:113 Resp: 327915

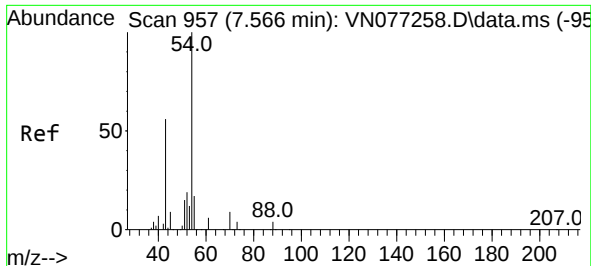
Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.0

192 16.0 13.5 20.3

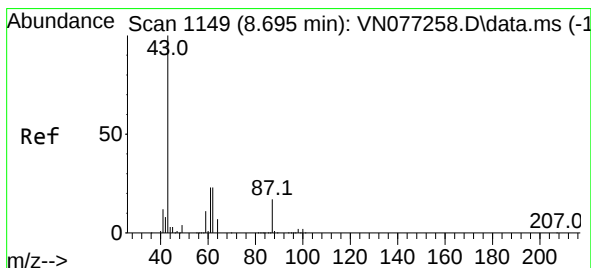
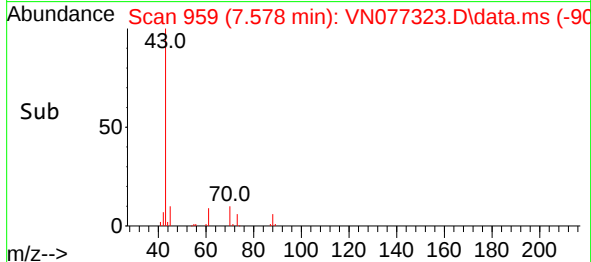
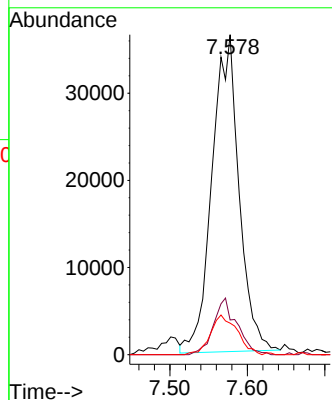
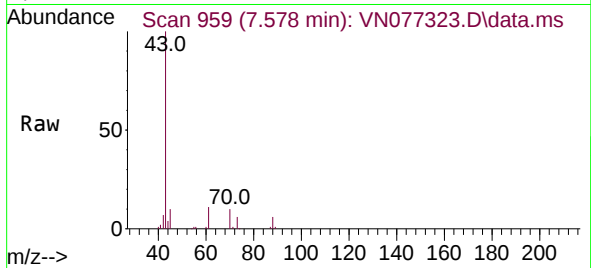




#37
Ethyl Acetate
Concen: 9.643 ug/l
RT: 7.578 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN077323.D
Acq: 13 Apr 2023 12:58

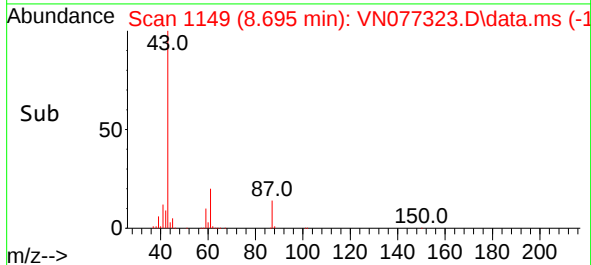
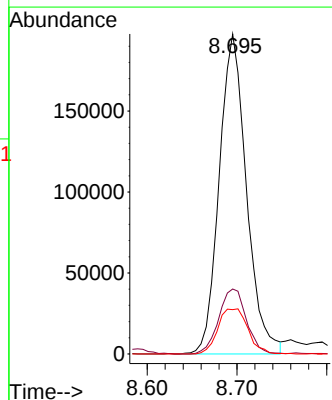
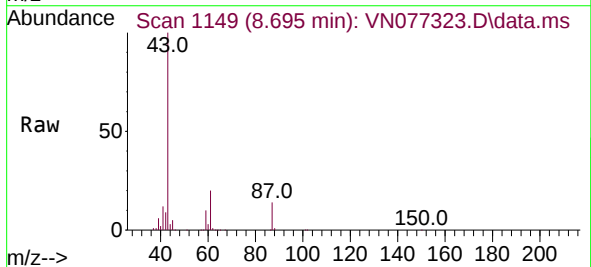
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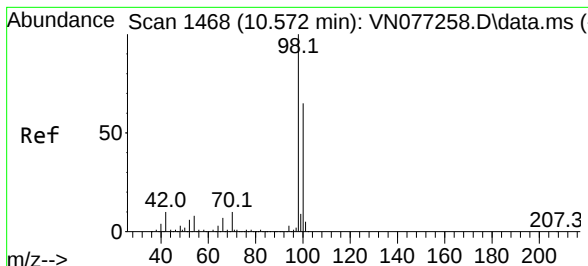
Tgt Ion: 43 Resp: 88031
Ion Ratio Lower Upper
43 100
61 15.5 12.2 18.2
70 12.4 10.0 15.0



#43
Isopropyl Acetate
Concen: 24.737 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077323.D
Acq: 13 Apr 2023 12:58

Tgt Ion: 43 Resp: 416719
Ion Ratio Lower Upper
43 100
61 20.6 22.7 34.1#
87 15.6 13.6 20.4

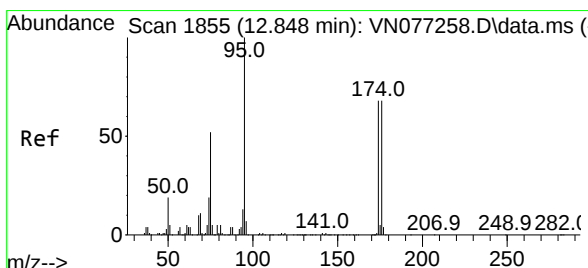
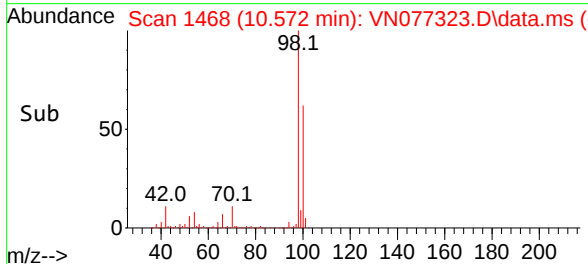
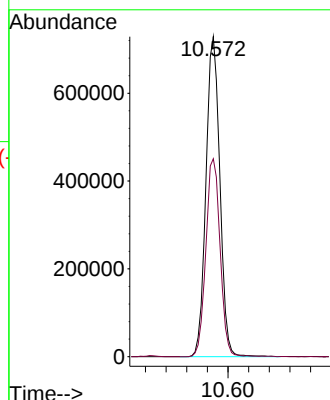
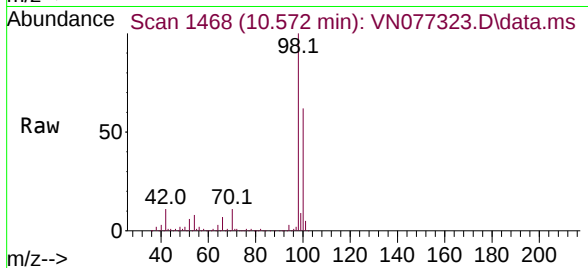




#50
Toluene-d8
Concen: 48.953 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077323.D
Acq: 13 Apr 2023 12:58

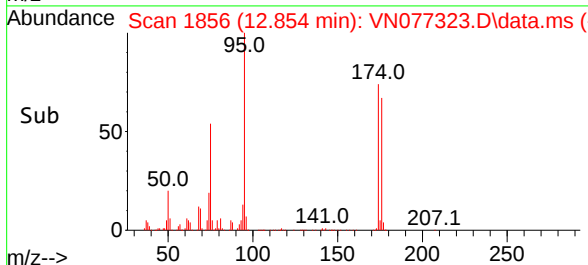
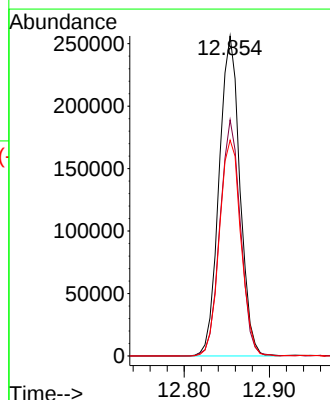
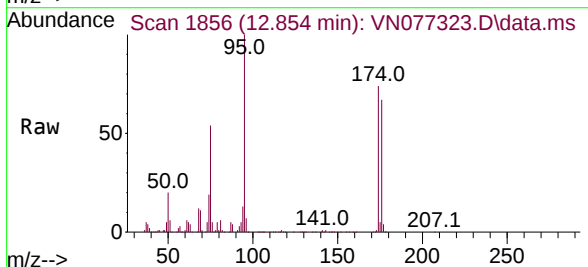
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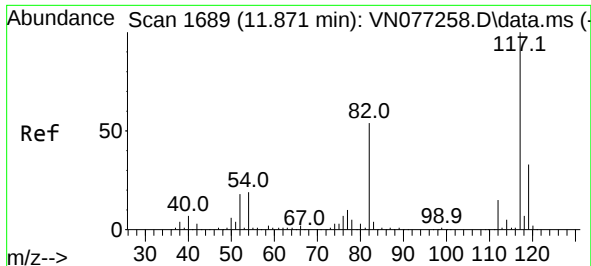
Tgt Ion: 98 Resp: 1359585
Ion Ratio Lower Upper
98 100
100 63.4 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 47.091 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077323.D
Acq: 13 Apr 2023 12:58

Tgt Ion: 95 Resp: 434979
Ion Ratio Lower Upper
95 100
174 72.6 0.0 146.8
176 69.8 0.0 139.6

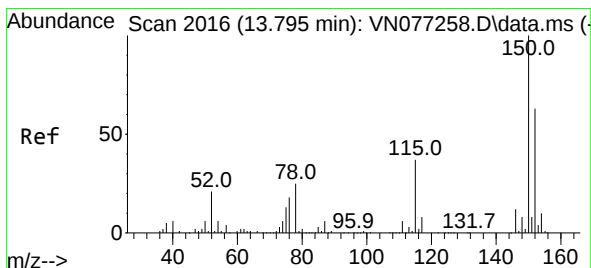
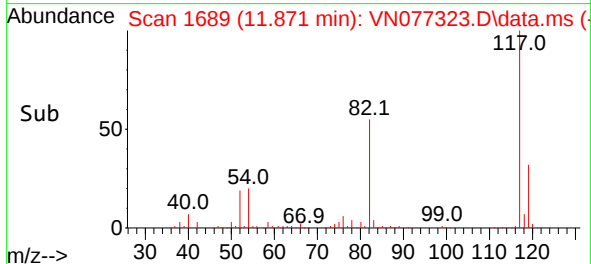
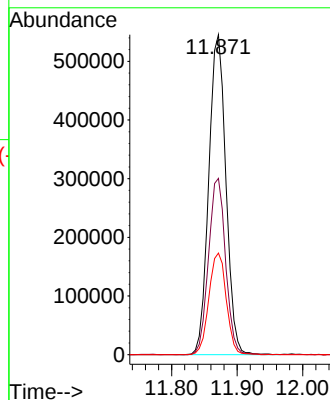
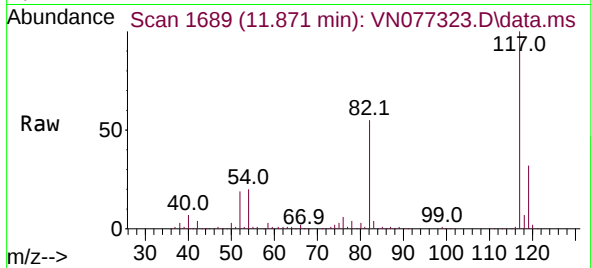




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077323.D
Acq: 13 Apr 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :
IDW-SO-VB3-041123

Tgt Ion:117 Resp: 990952
Ion Ratio Lower Upper
117 100
82 55.1 42.9 64.3
119 31.8 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: VN077323.D
Acq: 13 Apr 2023 12:58

Tgt Ion:152 Resp: 346215
Ion Ratio Lower Upper
152 100
115 62.0 32.1 96.3
150 156.1 0.0 354.8

