

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032823\
 Data File : VN077241.D
 Acq On : 28 Mar 2023 16:54
 Operator : JC\MD
 Sample : 02107-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC01

Quant Time: Mar 29 01:17:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032523W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 27 02:47:06 2023
 Response via : Initial Calibration

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

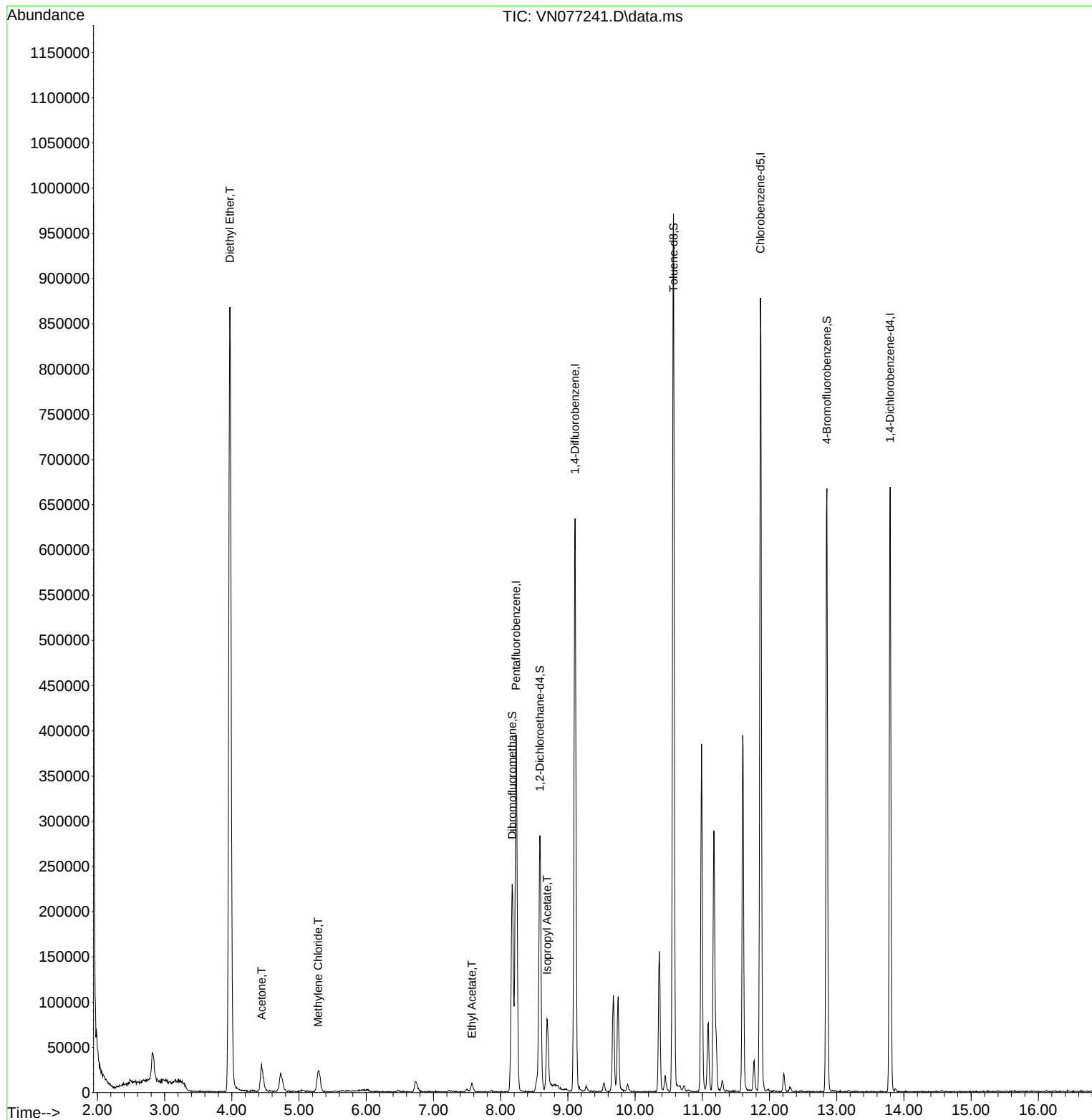
Internal Standards						
1) Pentafluorobenzene	8.231	168	264881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	498647	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	457959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	163273	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	222908	53.823	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.640%	
35) Dibromofluoromethane	8.172	113	153431	45.346	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 90.700%	
50) Toluene-d8	10.572	98	634243	50.026	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.060%	
62) 4-Bromofluorobenzene	12.854	95	202026	48.553	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.100%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.972	74	494315	223.694	ug/l	61
16) Acetone	4.443	43	56801	36.886	ug/l #	83
20) Methylene Chloride	5.284	84	18552	5.410	ug/l #	75
37) Ethyl Acetate	7.572	43	13909	2.650	ug/l #	91
43) Isopropyl Acetate	8.689	43	101347	11.968	ug/l #	74

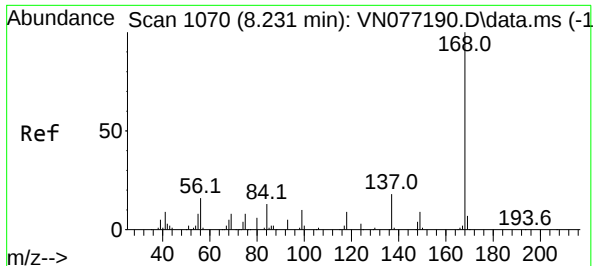
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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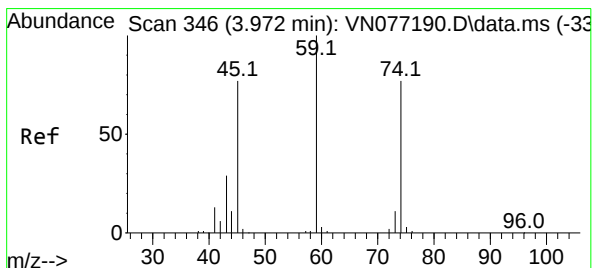
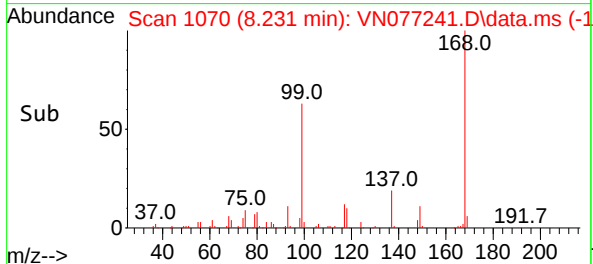
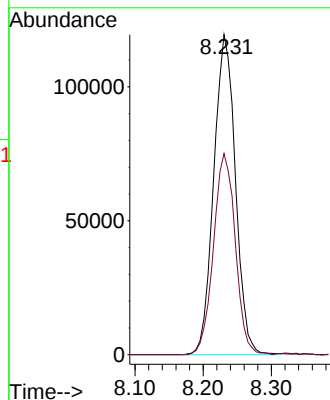
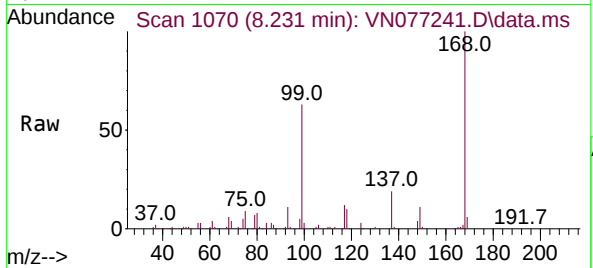




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077241.D
Acq: 28 Mar 2023 16:54

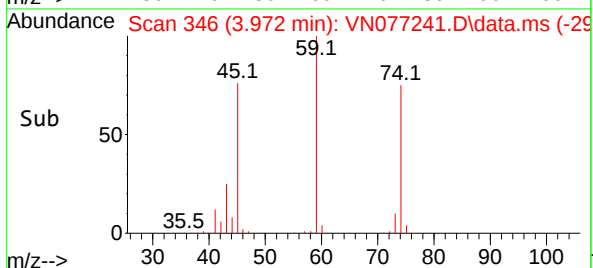
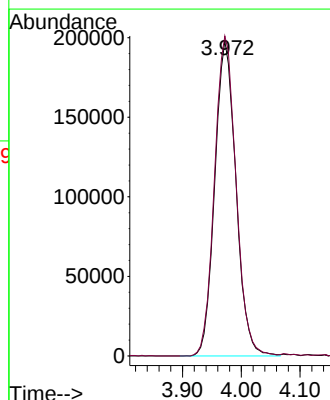
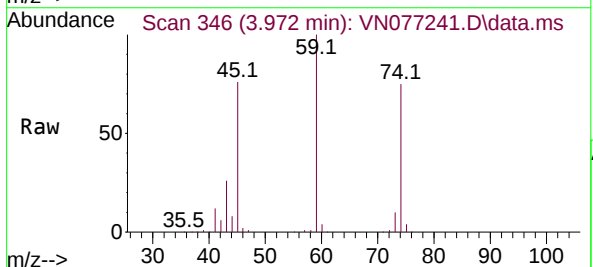
Instrument :
MSVOA_N
ClientSampleId :
WC01

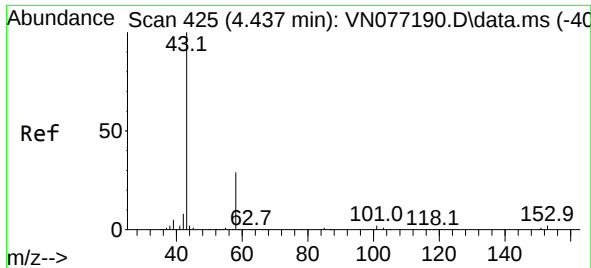
Tgt Ion:168 Resp: 264881
Ion Ratio Lower Upper
168 100
99 62.9 48.6 73.0



#8
Diethyl Ether
Concen: 223.694 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
Lab File: VN077241.D
Acq: 28 Mar 2023 16:54

Tgt Ion: 74 Resp: 494315
Ion Ratio Lower Upper
74 100
45 103.6 35.5 106.5





#16

Acetone

Concen: 36.886 ug/l

RT: 4.443 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN077241.D

Acq: 28 Mar 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

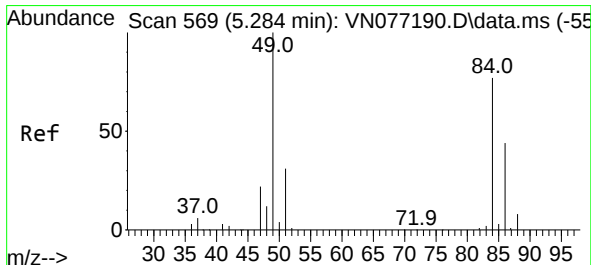
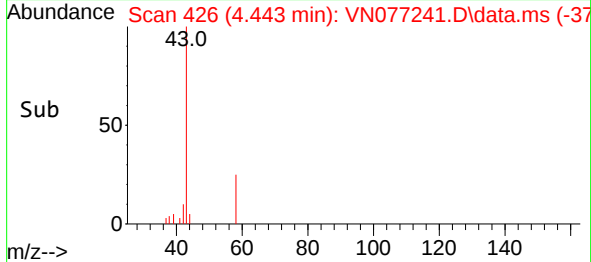
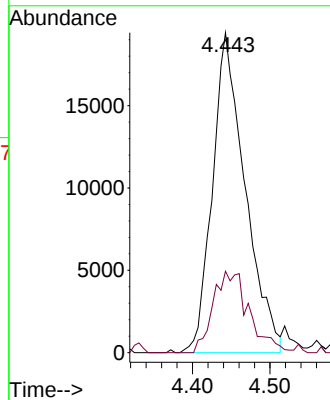
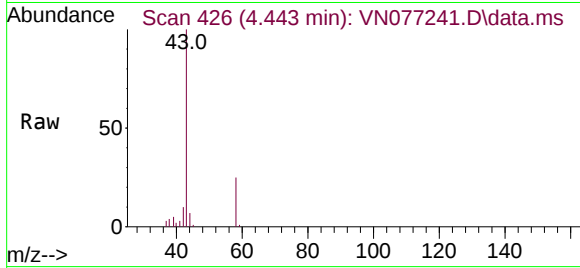
WC01

Tgt Ion: 43 Resp: 56801

Ion Ratio Lower Upper

43 100

58 25.4 28.2 42.2#



#20

Methylene Chloride

Concen: 5.410 ug/l

RT: 5.284 min Scan# 569

Delta R.T. -0.000 min

Lab File: VN077241.D

Acq: 28 Mar 2023 16:54

Tgt Ion: 84 Resp: 18552

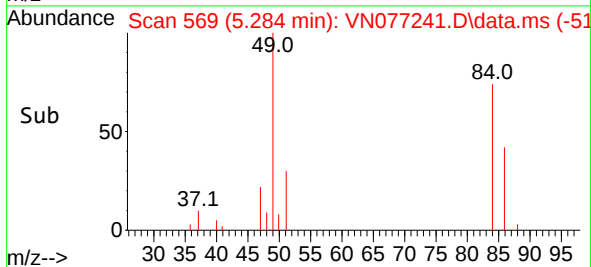
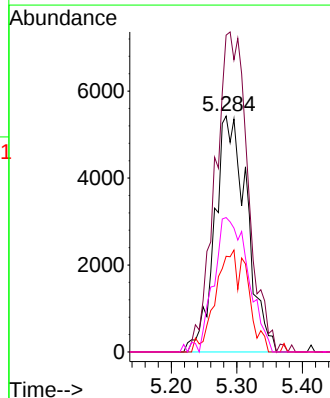
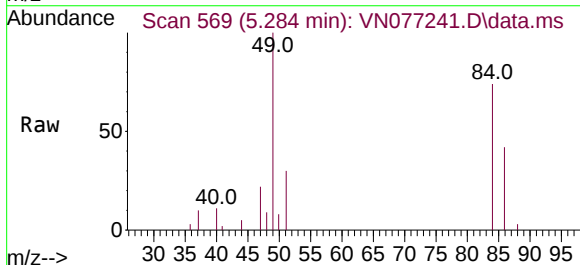
Ion Ratio Lower Upper

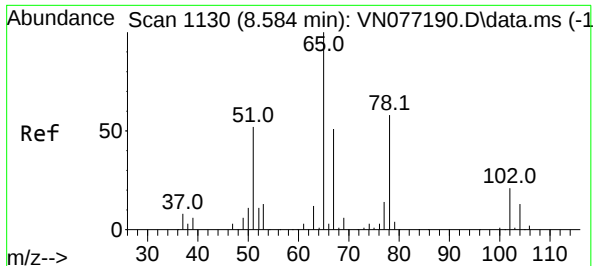
84 100

49 134.3 76.6 114.8#

51 40.6 25.4 38.2#

86 57.0 51.1 76.7





#33

1,2-Dichloroethane-d4

Concen: 53.823 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN077241.D

Acq: 28 Mar 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

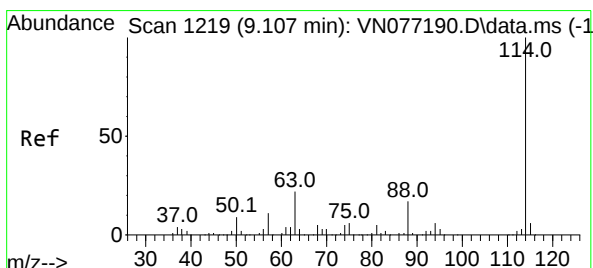
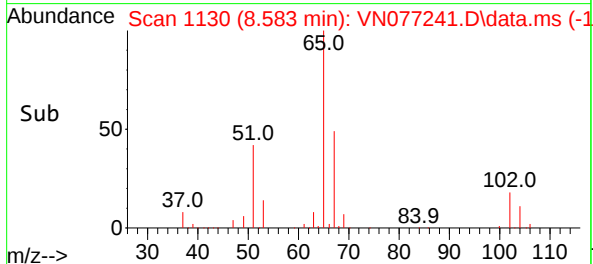
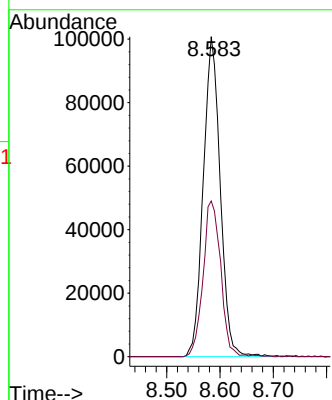
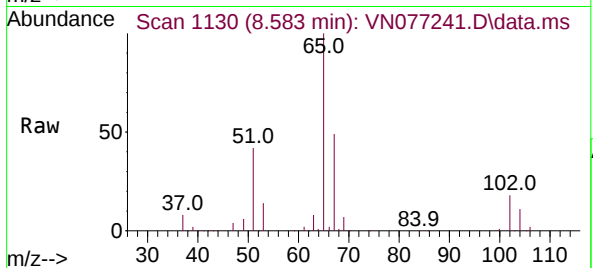
WC01

Tgt Ion: 65 Resp: 222908

Ion Ratio Lower Upper

65 100

67 50.3 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077241.D

Acq: 28 Mar 2023 16:54

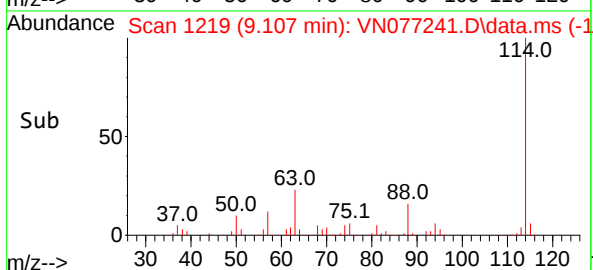
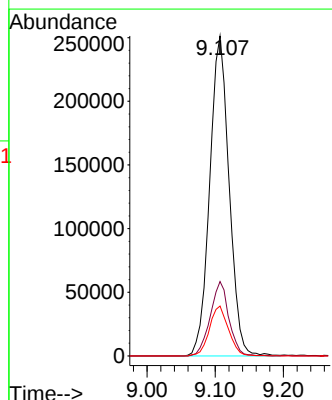
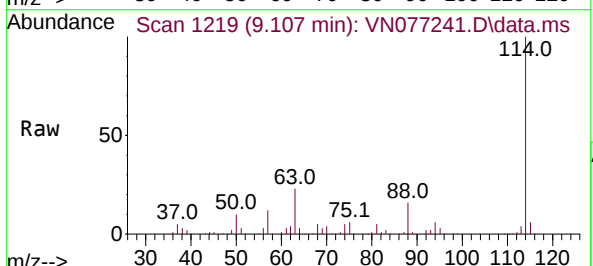
Tgt Ion: 114 Resp: 498647

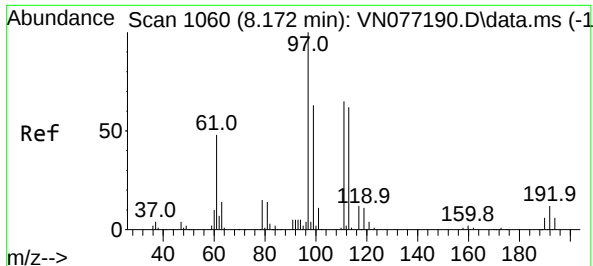
Ion Ratio Lower Upper

114 100

63 23.3 0.0 36.6

88 15.6 0.0 28.6

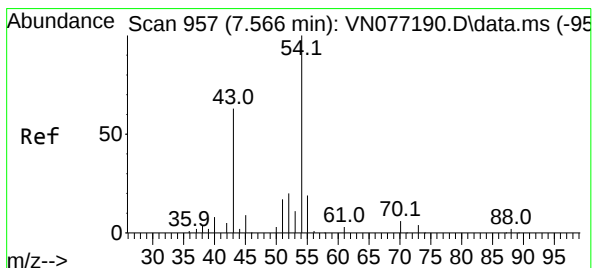
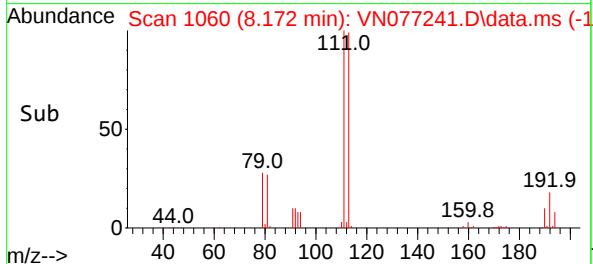
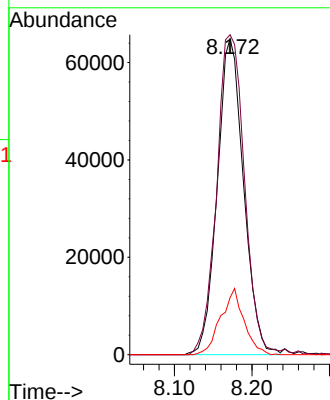
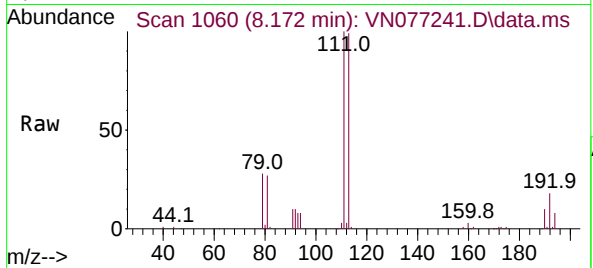




#35
Dibromofluoromethane
Concen: 45.346 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077241.D
Acq: 28 Mar 2023 16:54

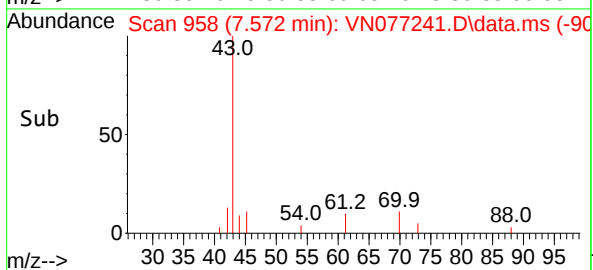
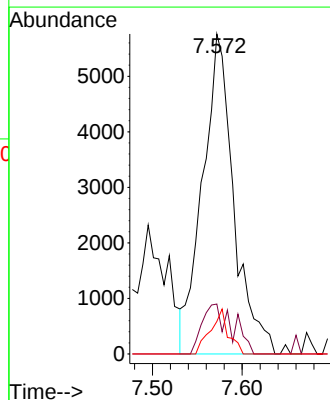
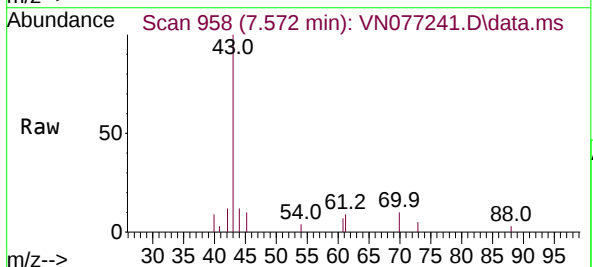
Instrument :
MSVOA_N
ClientSampleId :
WC01

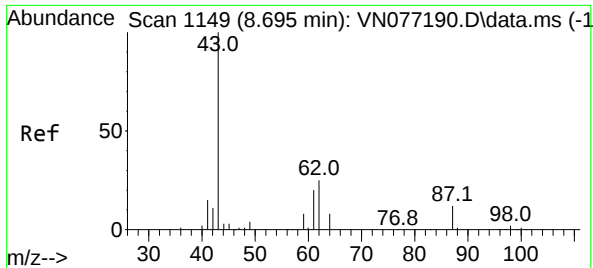
Tgt Ion:113 Resp: 153431
Ion Ratio Lower Upper
113 100
111 107.6 81.8 122.8
192 18.6 13.9 20.9



#37
Ethyl Acetate
Concen: 2.650 ug/l
RT: 7.572 min Scan# 958
Delta R.T. 0.006 min
Lab File: VN077241.D
Acq: 28 Mar 2023 16:54

Tgt Ion: 43 Resp: 13909
Ion Ratio Lower Upper
43 100
61 15.1 13.5 20.3
70 8.1 11.0 16.6

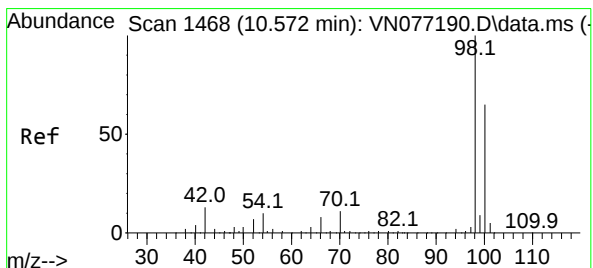
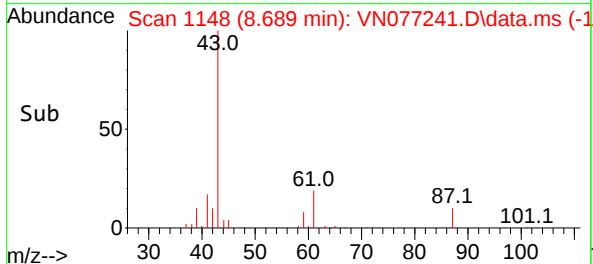
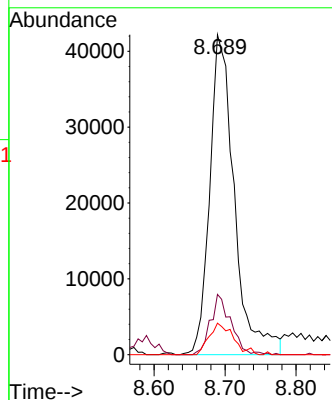
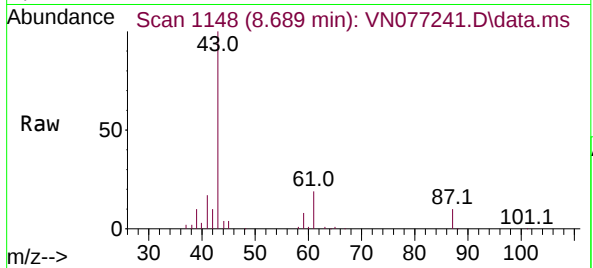




#43
Isopropyl Acetate
Concen: 11.968 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN077241.D
Acq: 28 Mar 2023 16:54

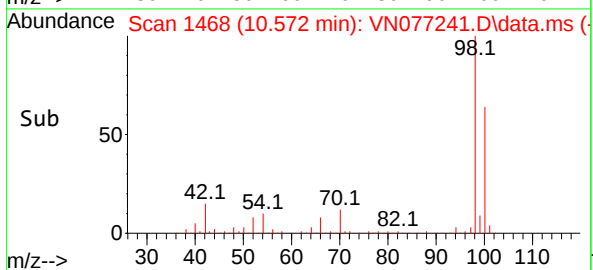
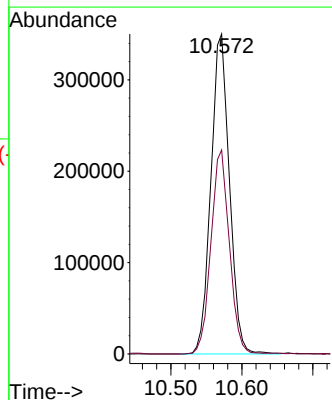
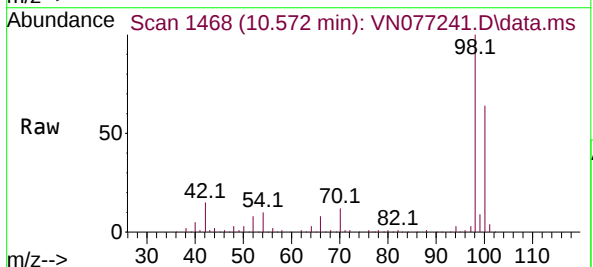
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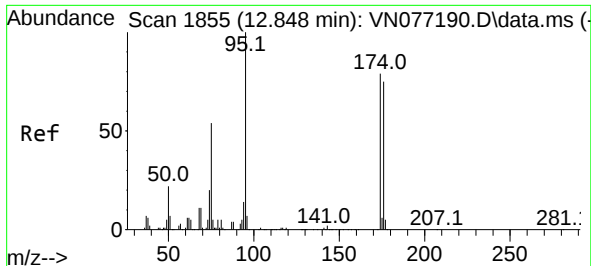
Tgt Ion: 43 Resp: 101347
Ion Ratio Lower Upper
43 100
61 15.7 26.2 39.2#
87 9.6 14.8 22.2#



#50
Toluene-d8
Concen: 50.026 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077241.D
Acq: 28 Mar 2023 16:54

Tgt Ion: 98 Resp: 634243
Ion Ratio Lower Upper
98 100
100 63.3 52.8 79.2

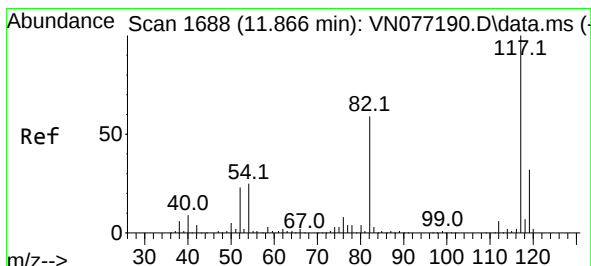
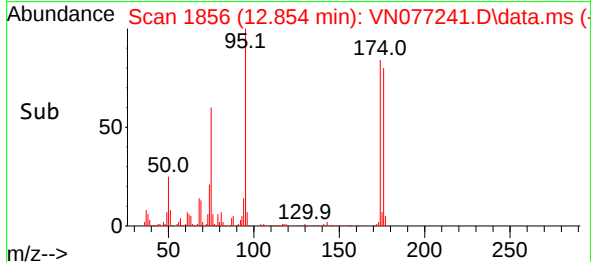
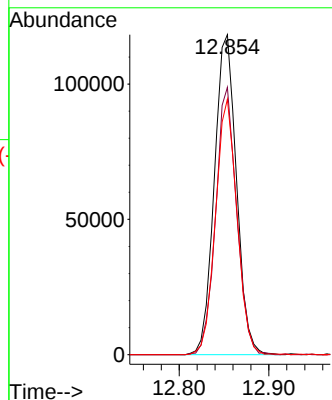
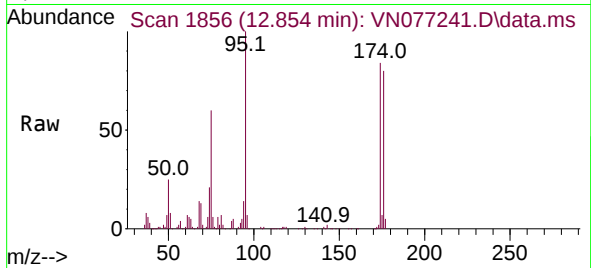




#62
4-Bromofluorobenzene
Concen: 48.553 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN077241.D
Acq: 28 Mar 2023 16:54

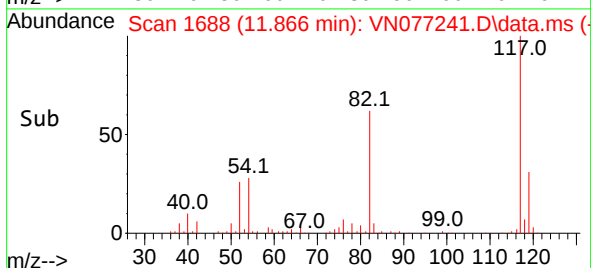
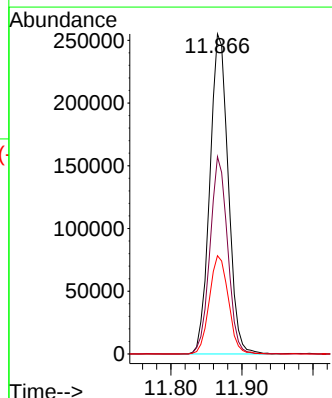
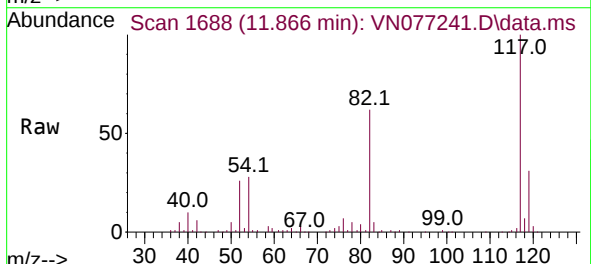
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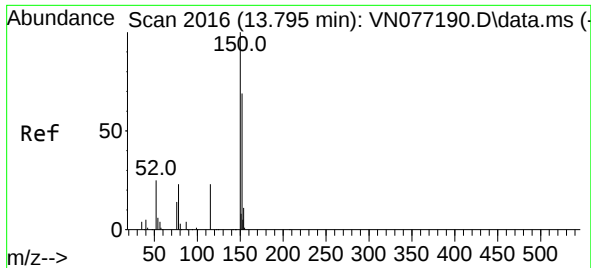
Tgt Ion: 95 Resp: 202026
Ion Ratio Lower Upper
95 100
174 79.3 0.0 162.4
176 77.6 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077241.D
Acq: 28 Mar 2023 16:54

Tgt Ion: 117 Resp: 457959
Ion Ratio Lower Upper
117 100
82 61.6 43.5 65.3
119 30.7 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077241.D
 Acq: 28 Mar 2023 16:54

Instrument :
 MSVOA_N
 ClientSampleId :
 WC01

Tgt Ion:152 Resp: 163273
 Ion Ratio Lower Upper
 152 100
 115 61.1 30.3 90.9
 150 156.7 0.0 353.6

