

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032723\
 Data File : VN077215.D
 Acq On : 27 Mar 2023 21:04
 Operator : JC\MD
 Sample : PB151668ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB151668ZHE#06

Quant Time: Mar 28 07:44:50 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)

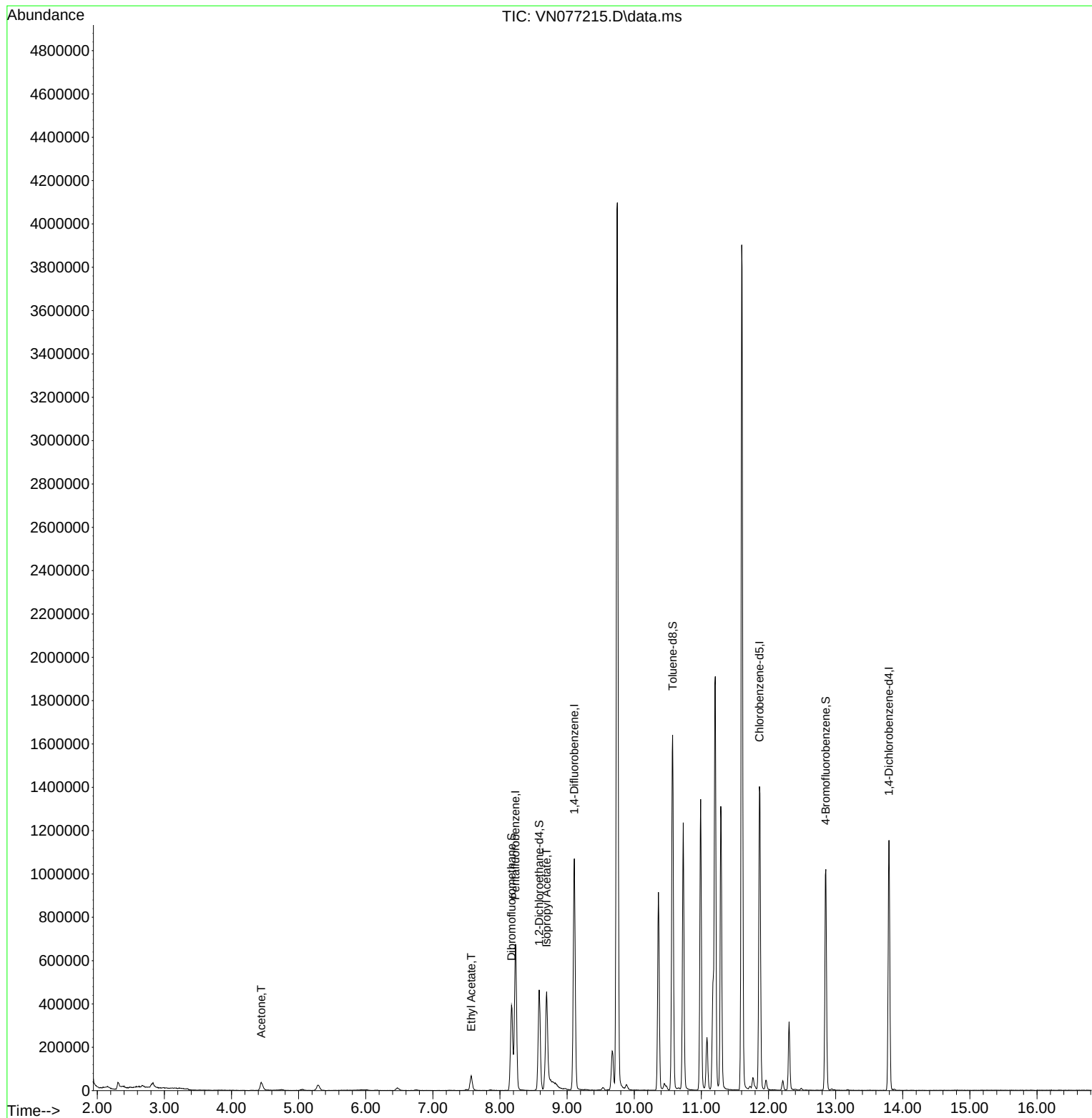
Internal Standards						
1) Pentafluorobenzene	8.231	168	471181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	862688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	796978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	296361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	374147	50.786	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.580%
35) Dibromofluoromethane	8.172	113	276501	47.235	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.460%
50) Toluene-d8	10.572	98	1086941	49.555	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.100%
62) 4-Bromofluorobenzene	12.854	95	334027	46.401	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.800%
Target Compounds						
						Qvalue
16) Acetone	4.443	43	70949	25.901	ug/l	96
37) Ethyl Acetate	7.572	43	97622	10.750	ug/l #	91
43) Isopropyl Acetate	8.695	43	565556	38.603	ug/l #	72

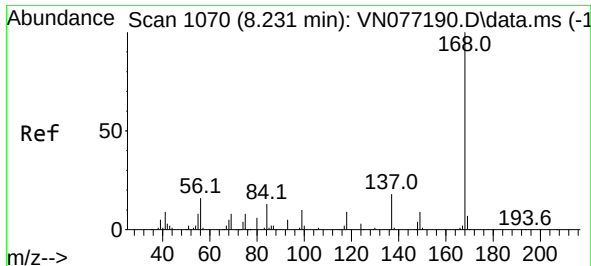
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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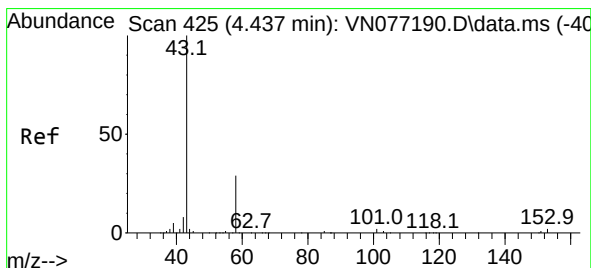
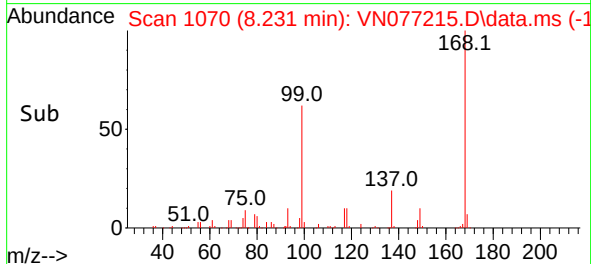
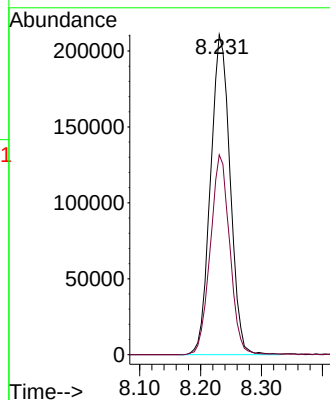
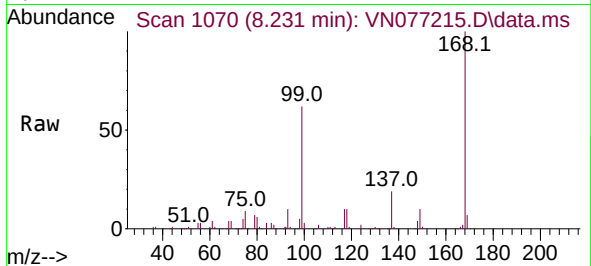




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077215.D
Acq: 27 Mar 2023 21:04

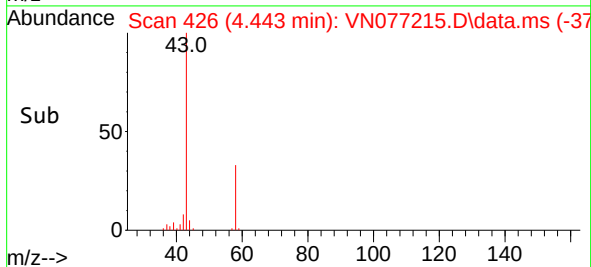
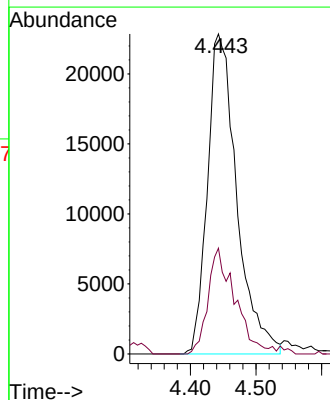
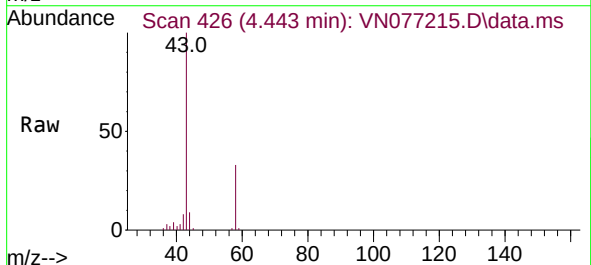
Instrument :
MSVOA_N
ClientSampleId :
PB151668ZHE#06

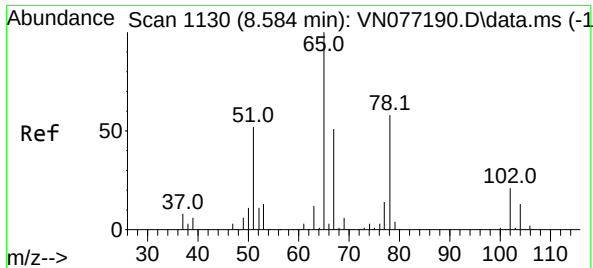
Tgt Ion:168 Resp: 471181
Ion Ratio Lower Upper
168 100
99 62.4 48.6 73.0



#16
Acetone
Concen: 25.901 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN077215.D
Acq: 27 Mar 2023 21:04

Tgt Ion: 43 Resp: 70949
Ion Ratio Lower Upper
43 100
58 33.0 28.2 42.2

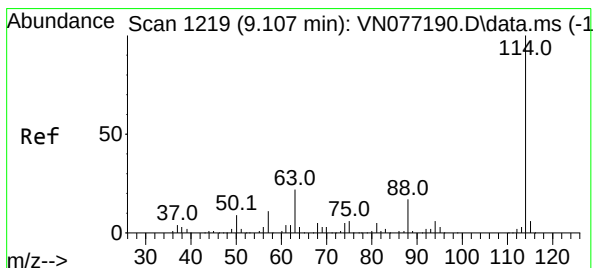
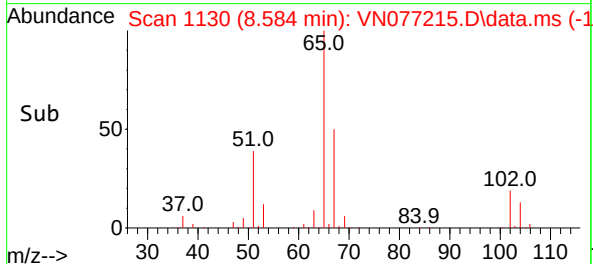
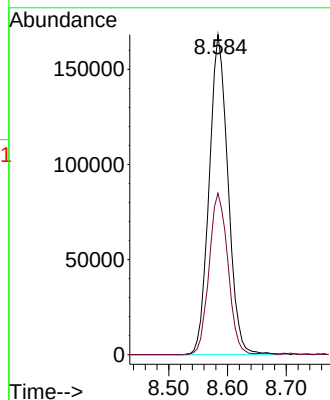
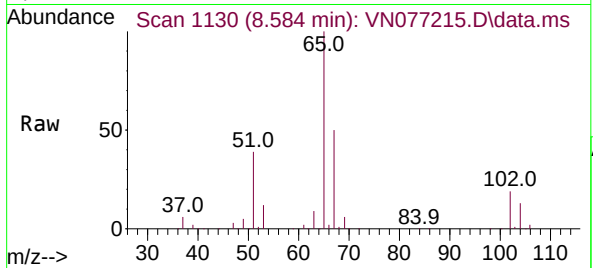




#33
 1,2-Dichloroethane-d4
 Concen: 50.786 ug/l
 RT: 8.584 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VN077215.D
 Acq: 27 Mar 2023 21:04

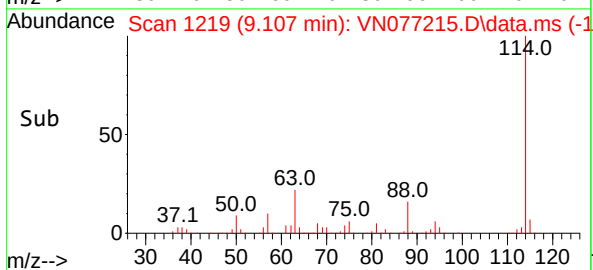
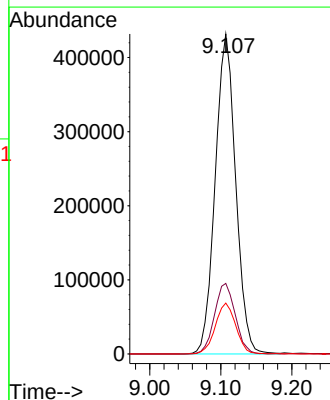
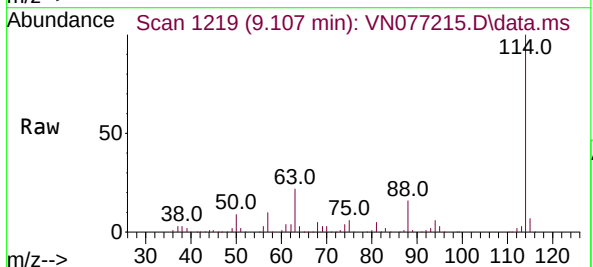
Instrument :
 MSVOA_N
 ClientSampleId :
 PB151668ZHE#06

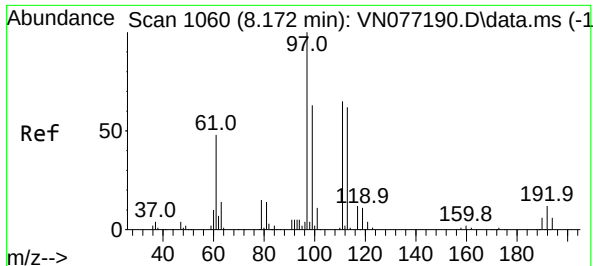
Tgt Ion: 65 Resp: 374147
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.107 min Scan# 1219
 Delta R.T. 0.000 min
 Lab File: VN077215.D
 Acq: 27 Mar 2023 21:04

Tgt Ion: 114 Resp: 862688
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 36.6
 88 15.9 0.0 28.6





#35

Dibromofluoromethane

Concen: 47.235 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077215.D

Acq: 27 Mar 2023 21:04

Instrument :

MSVOA_N

ClientSampleId :

PB151668ZHE#06

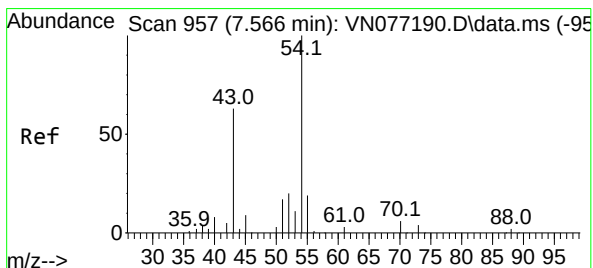
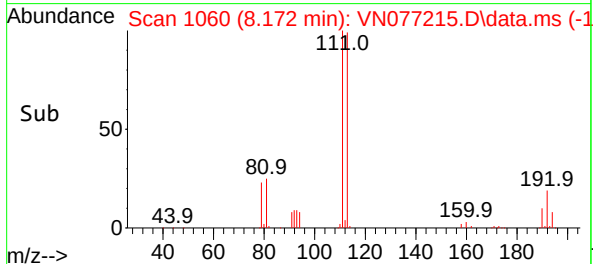
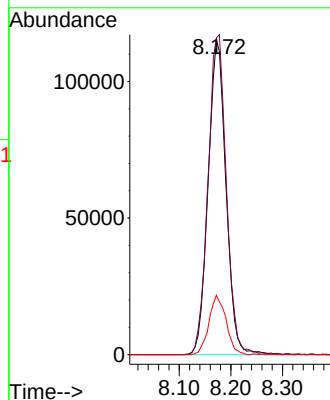
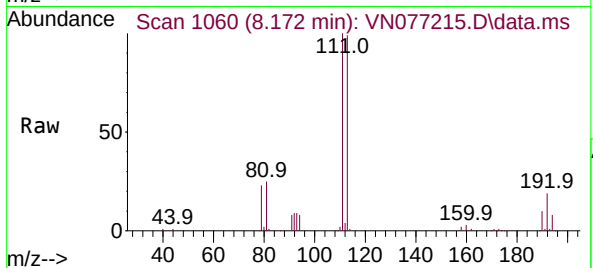
Tgt Ion:113 Resp: 276501

Ion Ratio Lower Upper

113 100

111 104.4 81.8 122.8

192 18.1 13.9 20.9



#37

Ethyl Acetate

Concen: 10.750 ug/l

RT: 7.572 min Scan# 958

Delta R.T. 0.006 min

Lab File: VN077215.D

Acq: 27 Mar 2023 21:04

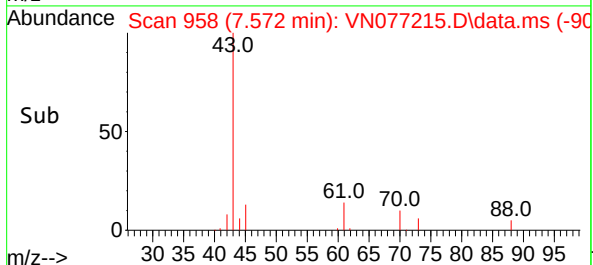
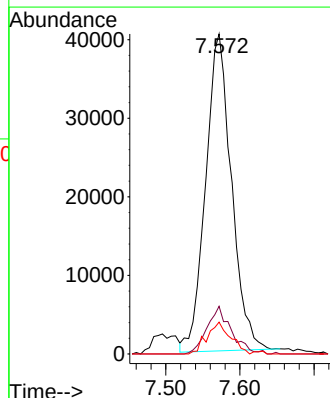
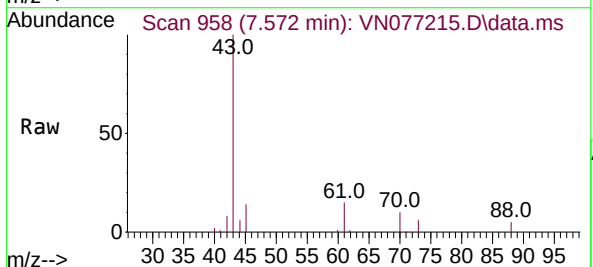
Tgt Ion: 43 Resp: 97622

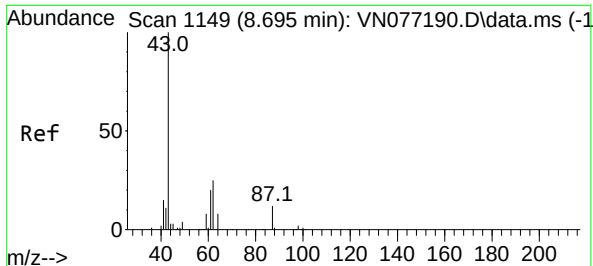
Ion Ratio Lower Upper

43 100

61 14.1 13.5 20.3

70 9.1 11.0 16.6#

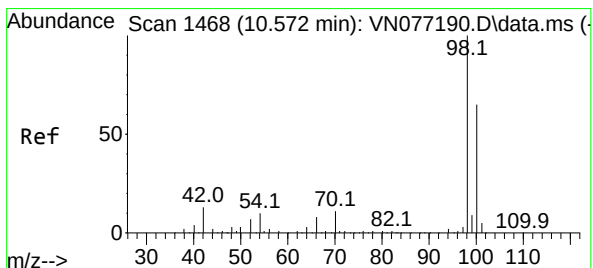
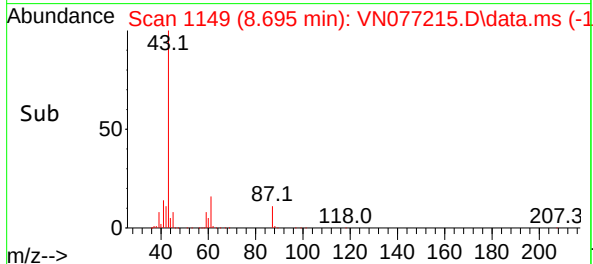
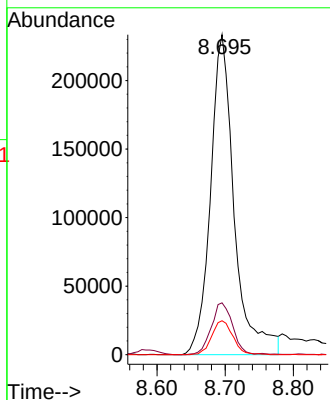
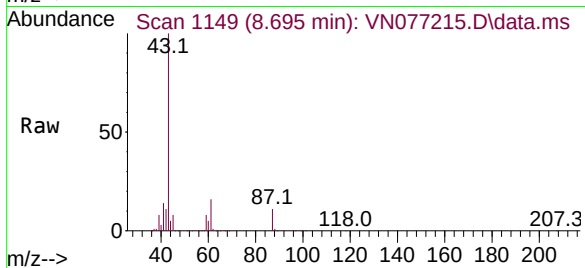




#43
Isopropyl Acetate
Concen: 38.603 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077215.D
Acq: 27 Mar 2023 21:04

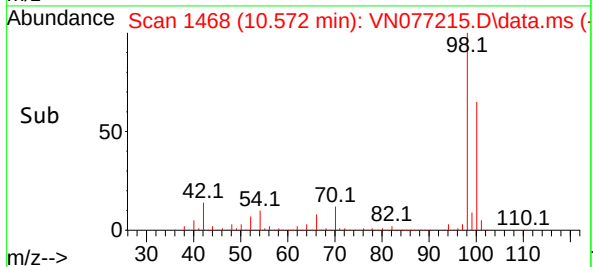
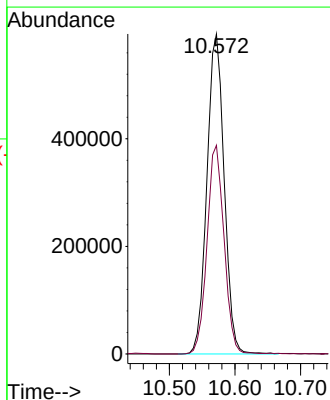
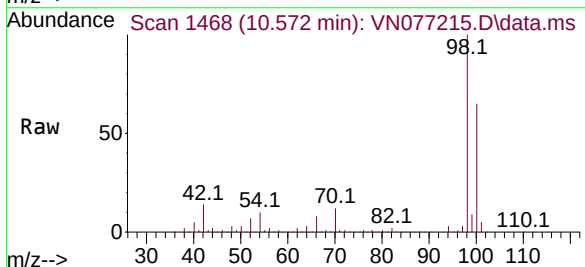
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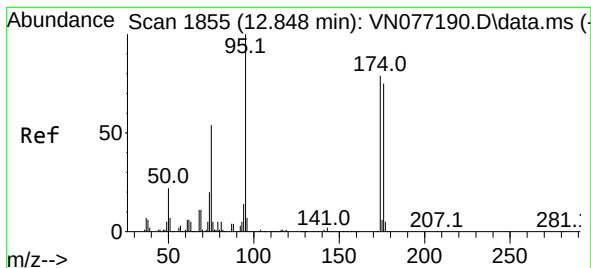
Tgt Ion: 43 Resp: 565556
Ion Ratio Lower Upper
43 100
61 14.8 26.2 39.2#
87 9.4 14.8 22.2#



#50
Toluene-d8
Concen: 49.555 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077215.D
Acq: 27 Mar 2023 21:04

Tgt Ion: 98 Resp: 1086941
Ion Ratio Lower Upper
98 100
100 64.4 52.8 79.2

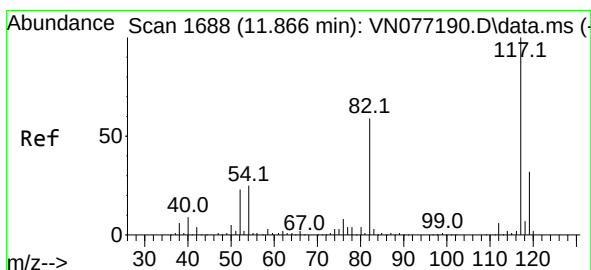
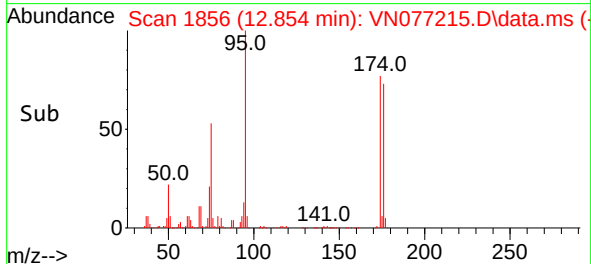
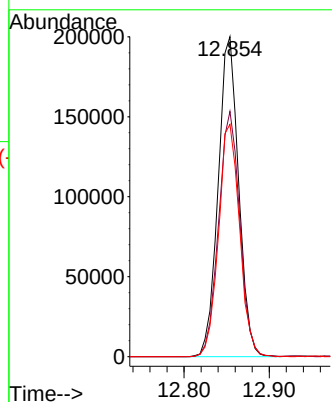
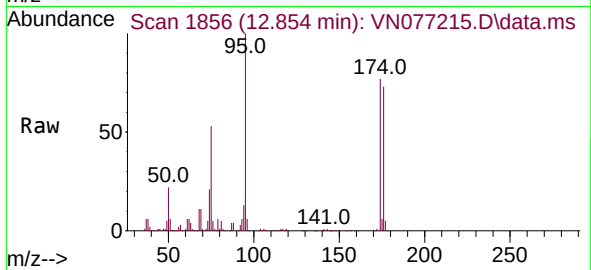




#62
4-Bromofluorobenzene
Concen: 46.401 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077215.D
Acq: 27 Mar 2023 21:04

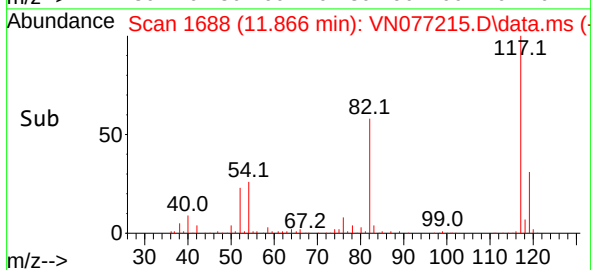
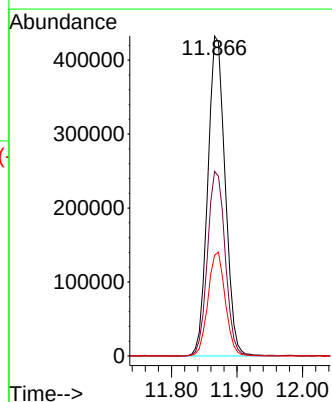
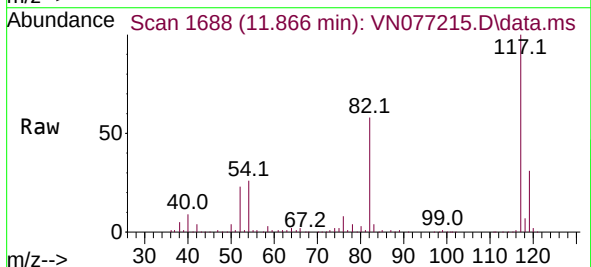
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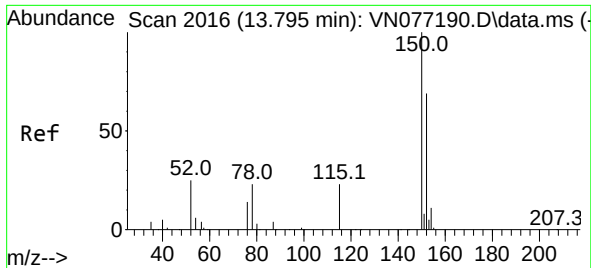
Tgt Ion: 95 Resp: 334027
Ion Ratio Lower Upper
95 100
174 79.2 0.0 162.4
176 74.6 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077215.D
Acq: 27 Mar 2023 21:04

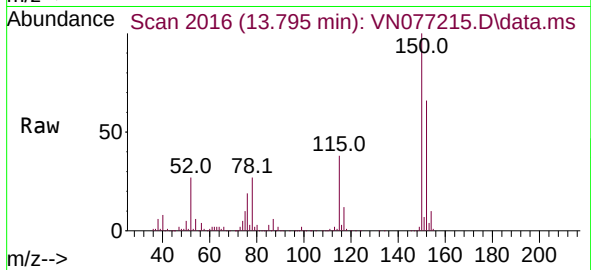
Tgt Ion: 117 Resp: 796978
Ion Ratio Lower Upper
117 100
82 57.7 43.5 65.3
119 31.4 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN077215.D
 Acq: 27 Mar 2023 21:04

Instrument :
 MSVOA_N
 ClientSampleId :
 PB151668ZHE#06



Tgt Ion:152 Resp: 296361
 Ion Ratio Lower Upper
 152 100
 115 60.3 30.3 90.9
 150 159.0 0.0 353.6

