

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042423\
 Data File : VN077455.D
 Acq On : 25 Apr 2023 08:05
 Operator : JC\MD
 Sample : PB152304ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152304ZHE#06

Quant Time: Apr 25 08:44:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

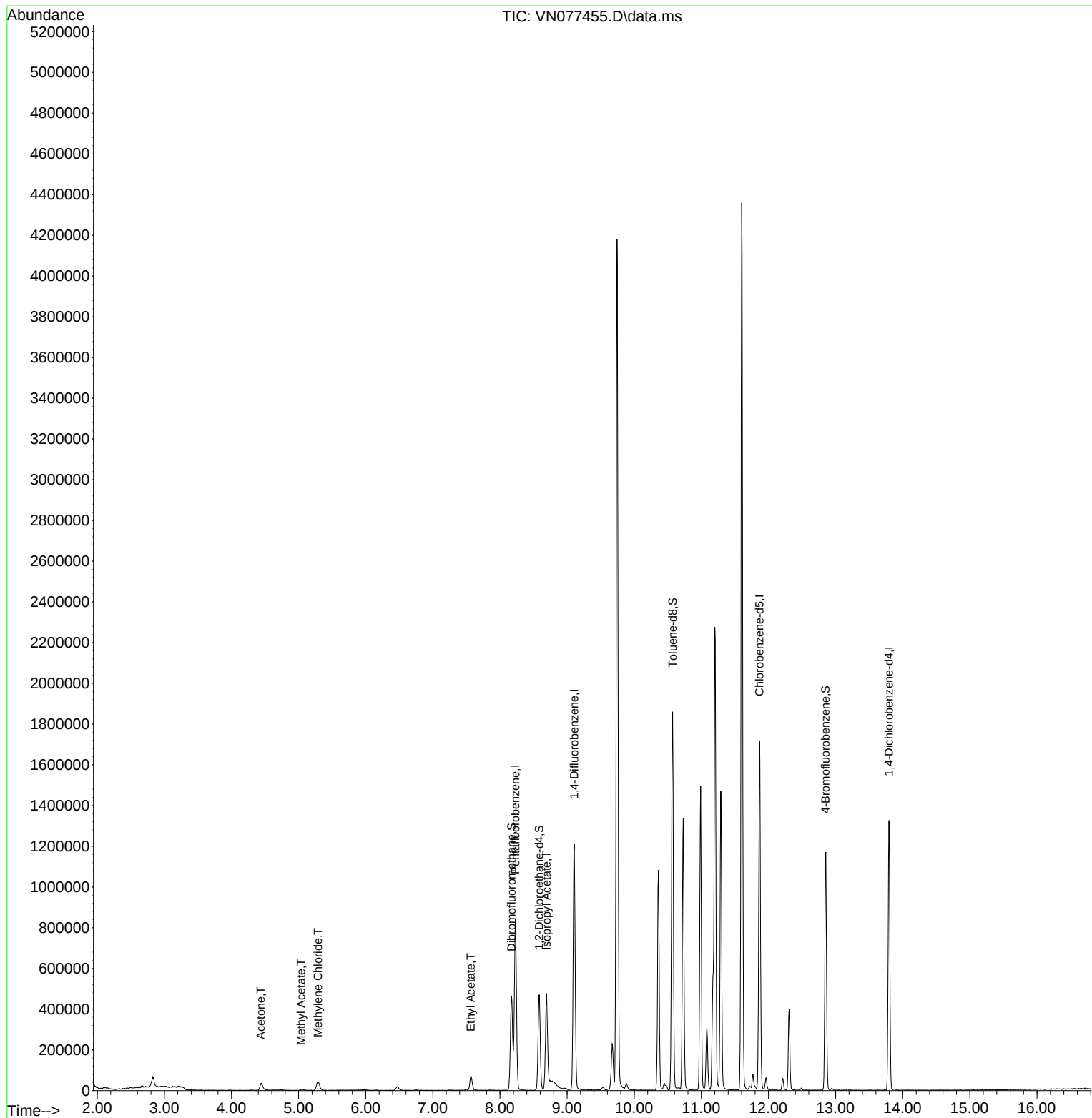
Internal Standards						
1) Pentafluorobenzene	8.230	168	586713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1098677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1014799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	348212	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	382179	49.919	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.840%
35) Dibromofluoromethane	8.172	113	329170	49.848	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.700%
50) Toluene-d8	10.572	98	1370270	54.143	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.280%
62) 4-Bromofluorobenzene	12.848	95	424915	51.316	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.640%
Target Compounds						
					Qvalue	
16) Acetone	4.437	43	65051	26.708	ug/l	99
18) Methyl Acetate	5.037	43	10831	1.152	ug/l #	75
20) Methylene Chloride	5.290	84	38742	5.016	ug/l	91
37) Ethyl Acetate	7.566	43	97958	13.512	ug/l	96
43) Isopropyl Acetate	8.695	43	542950	43.292	ug/l #	85

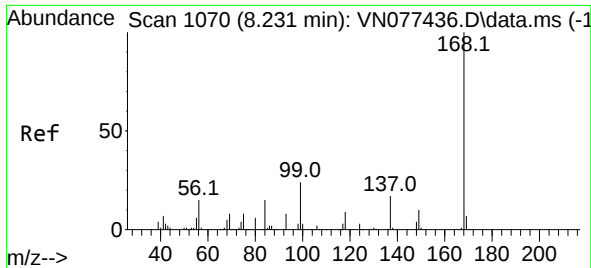
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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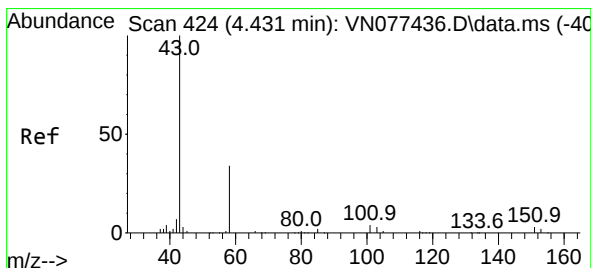
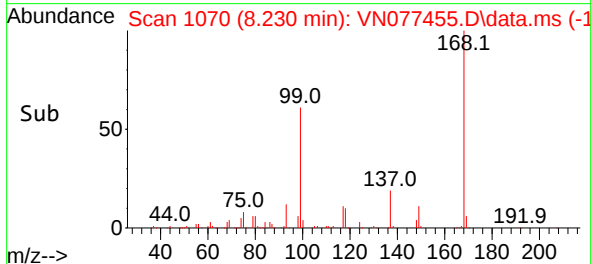
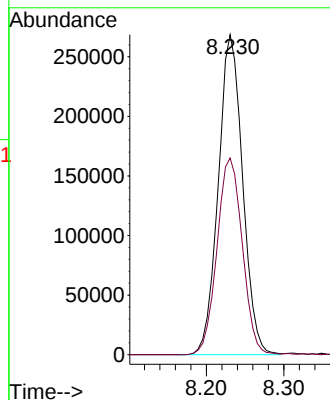
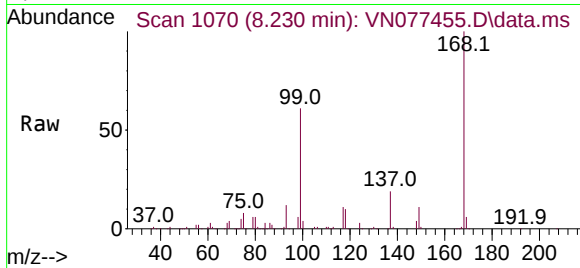




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077455.D
Acq: 25 Apr 2023 08:05

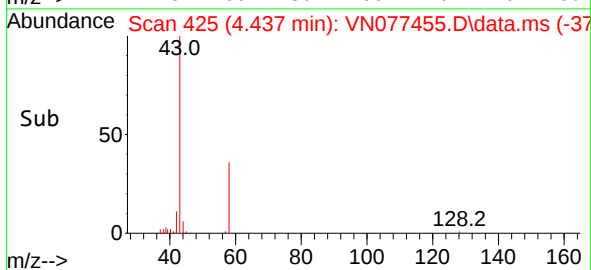
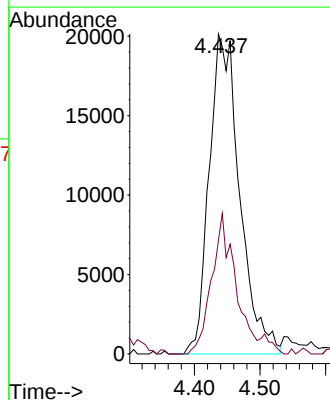
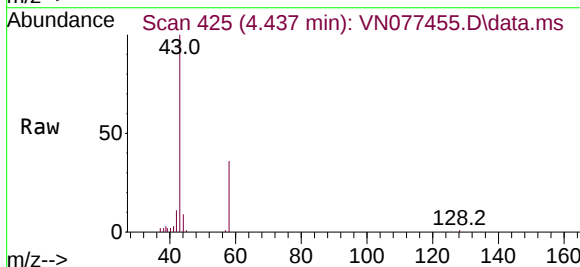
Instrument :
MSVOA_N
ClientSampleId :
PB152304ZHE#06

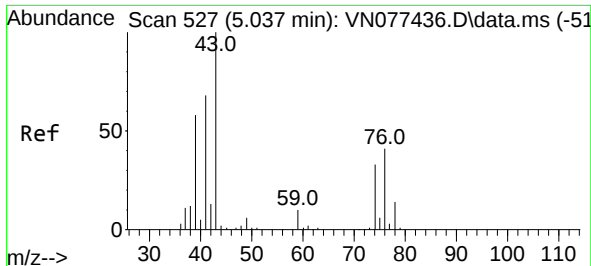
Tgt Ion:168 Resp: 586713
Ion Ratio Lower Upper
168 100
99 61.4 53.0 79.6



#16
Acetone
Concen: 26.708 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077455.D
Acq: 25 Apr 2023 08:05

Tgt Ion: 43 Resp: 65051
Ion Ratio Lower Upper
43 100
58 35.5 28.0 42.0

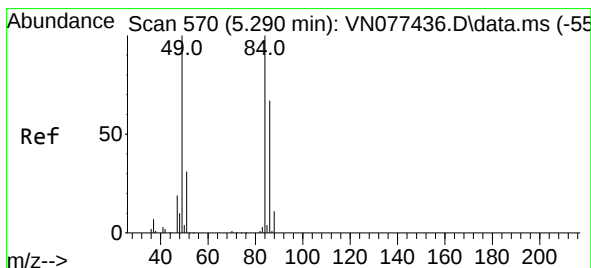
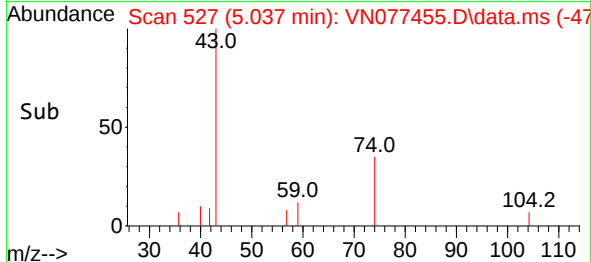
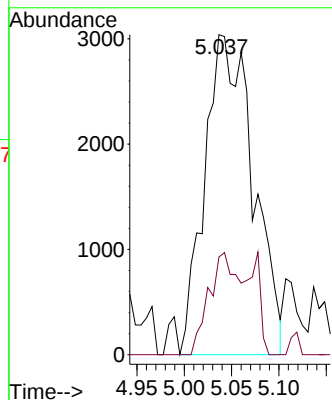
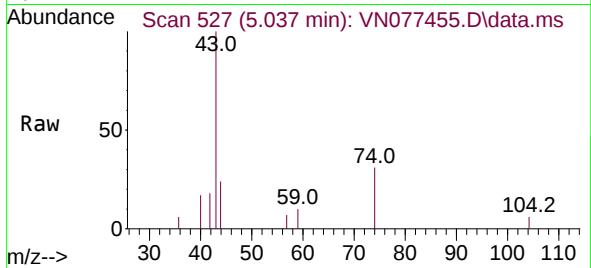




#18
Methyl Acetate
Concen: 1.152 ug/l
RT: 5.037 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077455.D
Acq: 25 Apr 2023 08:05

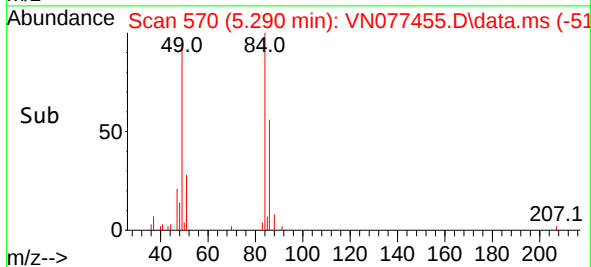
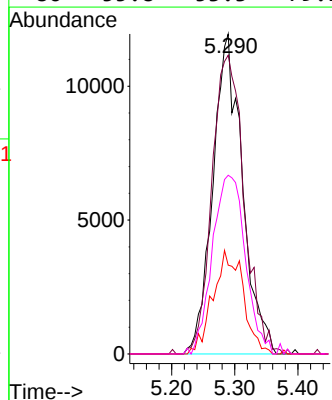
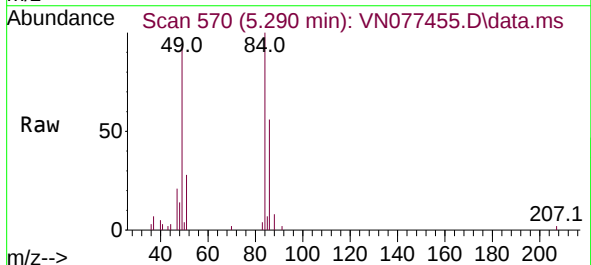
Instrument :
MSVOA_N
ClientSampleId :
PB152304ZHE#06

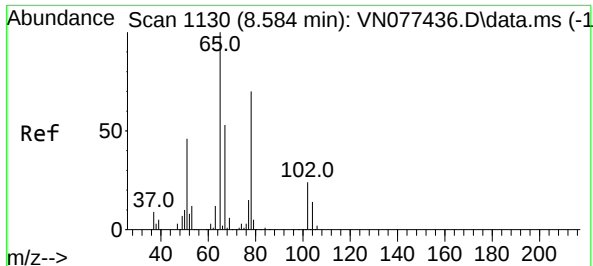
Tgt Ion: 43 Resp: 10831
Ion Ratio Lower Upper
43 100
74 18.9 26.2 39.4#



#20
Methylene Chloride
Concen: 5.016 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077455.D
Acq: 25 Apr 2023 08:05

Tgt Ion: 84 Resp: 38742
Ion Ratio Lower Upper
84 100
49 93.3 79.7 119.5
51 27.8 25.2 37.8
86 55.8 53.3 79.9





#33

1,2-Dichloroethane-d4

Concen: 49.919 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077455.D

Acq: 25 Apr 2023 08:05

Instrument :

MSVOA_N

ClientSampleId :

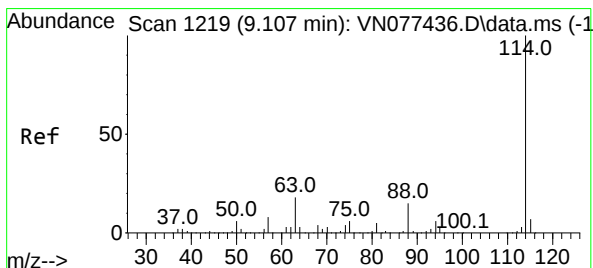
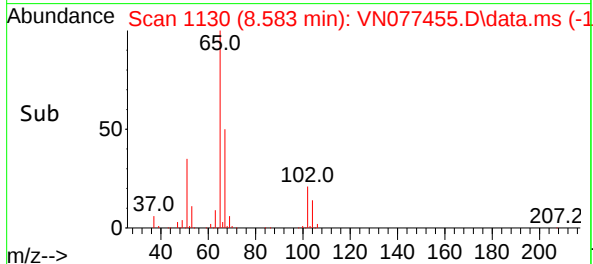
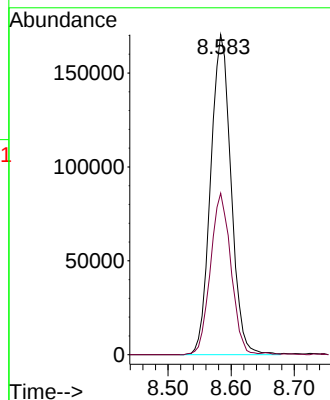
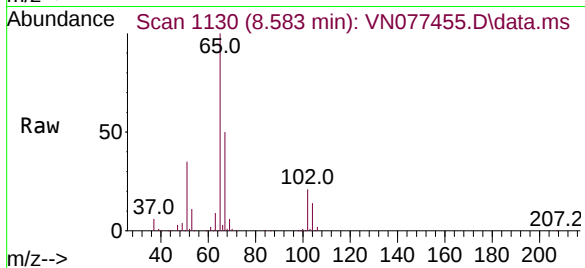
PB152304ZHE#06

Tgt Ion: 65 Resp: 382179

Ion Ratio Lower Upper

65 100

67 50.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077455.D

Acq: 25 Apr 2023 08:05

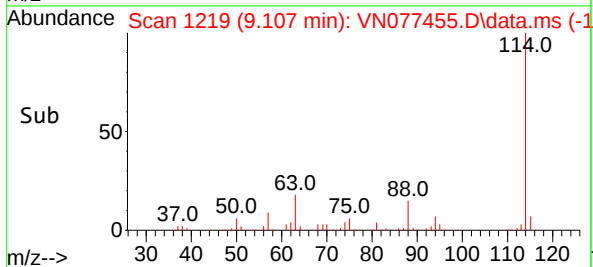
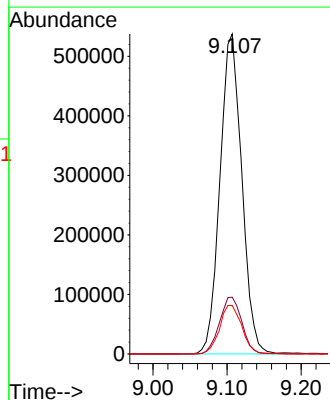
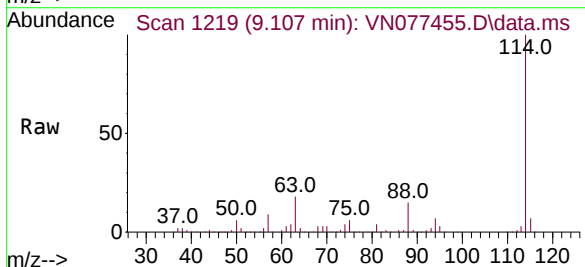
Tgt Ion: 114 Resp: 1098677

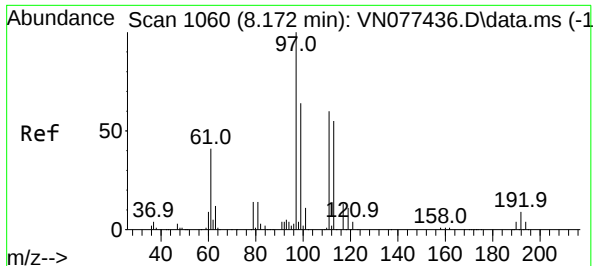
Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.4

88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.848 ug/l

RT: 8.172 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077455.D

Acq: 25 Apr 2023 08:05

Instrument :

MSVOA_N

ClientSampleId :

PB152304ZHE#06

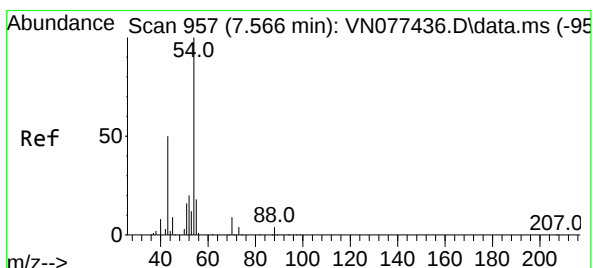
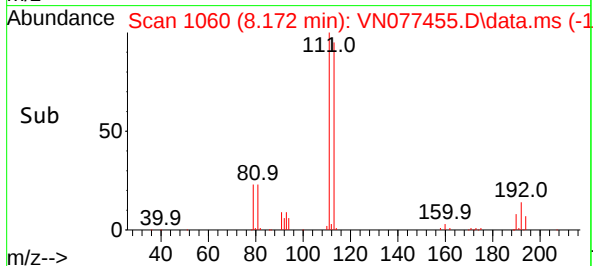
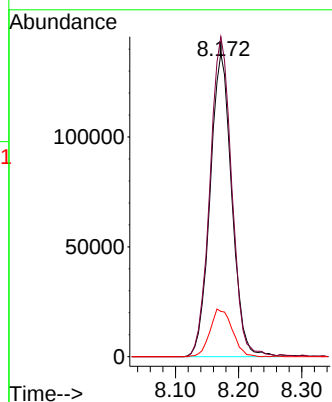
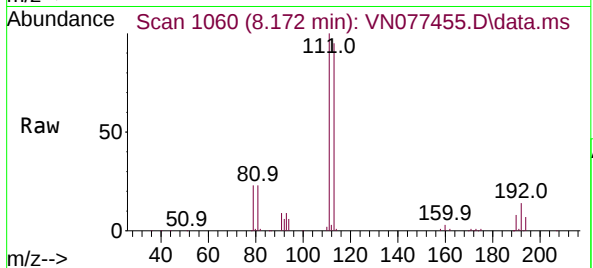
Tgt Ion:113 Resp: 329170

Ion Ratio Lower Upper

113 100

111 106.1 82.6 123.8

192 16.1 12.7 19.1



#37

Ethyl Acetate

Concen: 13.512 ug/l

RT: 7.566 min Scan# 957

Delta R.T. -0.000 min

Lab File: VN077455.D

Acq: 25 Apr 2023 08:05

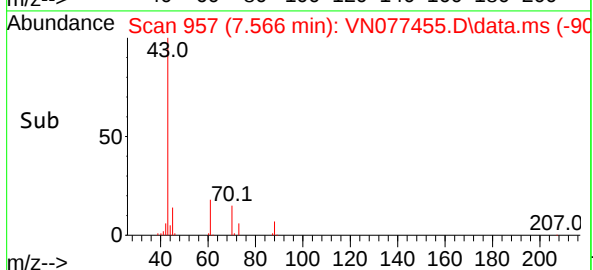
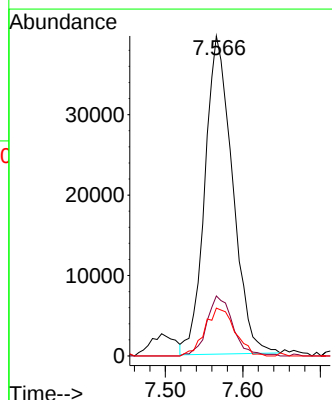
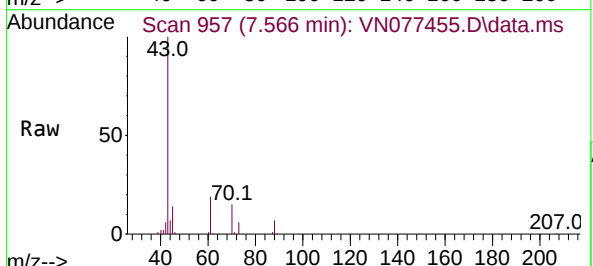
Tgt Ion: 43 Resp: 97958

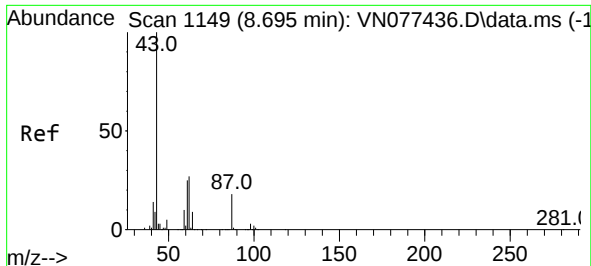
Ion Ratio Lower Upper

43 100

61 17.8 13.2 19.8

70 16.3 11.3 16.9

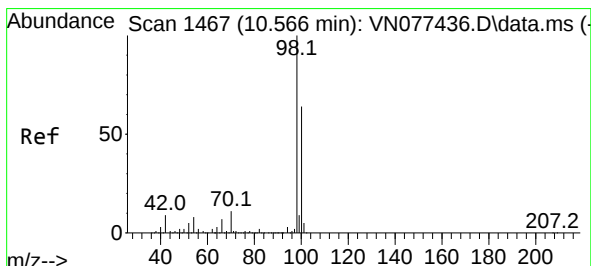
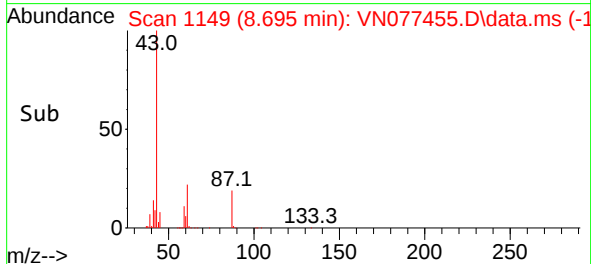
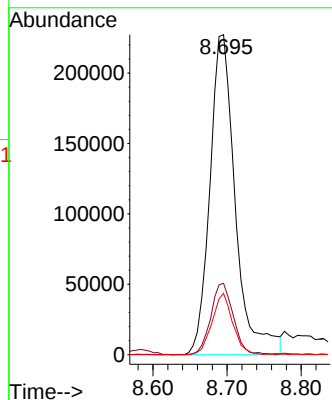
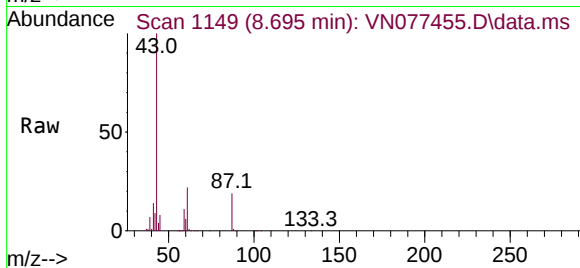




#43
Isopropyl Acetate
Concen: 43.292 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077455.D
Acq: 25 Apr 2023 08:05

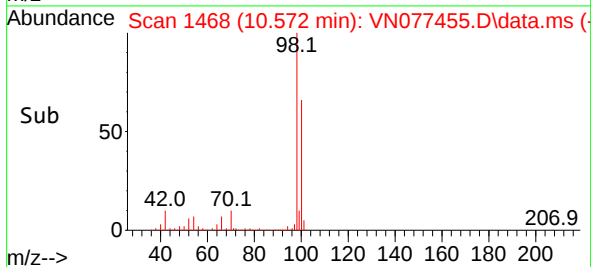
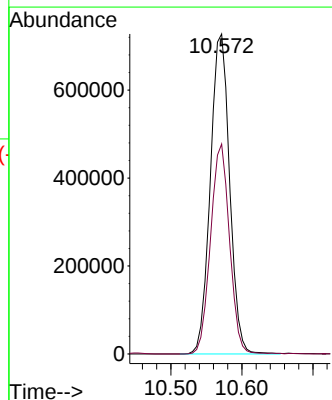
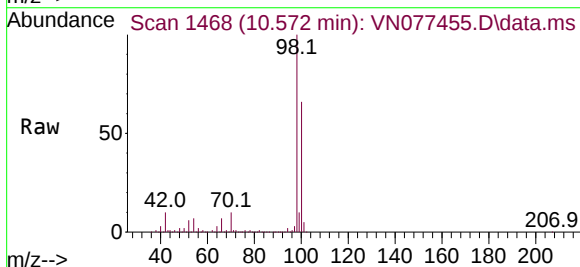
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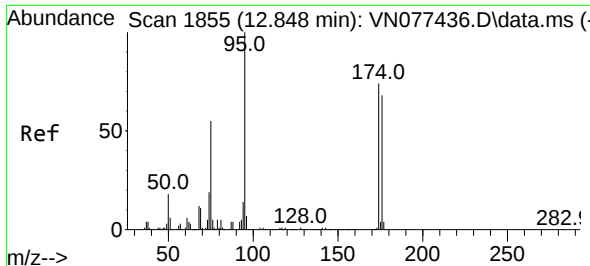
Tgt Ion: 43 Resp: 542950
Ion Ratio Lower Upper
43 100
61 19.7 24.7 37.1#
87 15.6 14.6 21.8



#50
Toluene-d8
Concen: 54.143 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077455.D
Acq: 25 Apr 2023 08:05

Tgt Ion: 98 Resp: 1370270
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

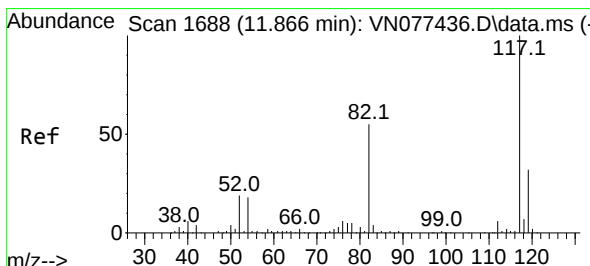
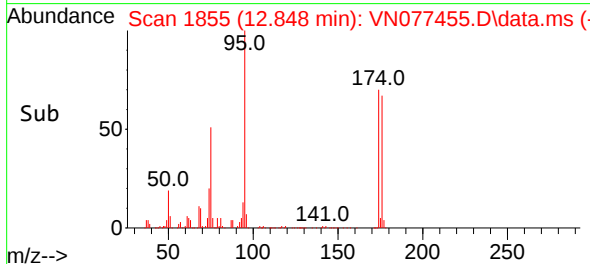
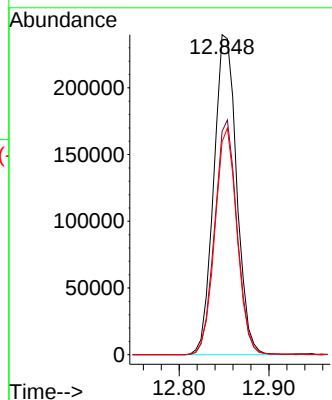
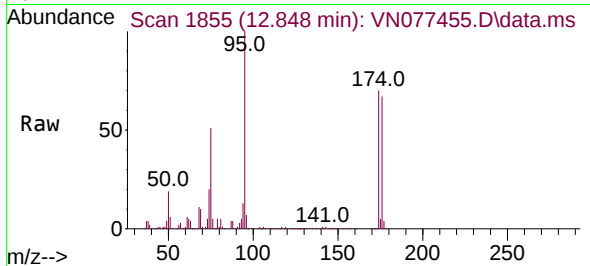




#62
4-Bromofluorobenzene
Concen: 51.316 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077455.D
Acq: 25 Apr 2023 08:05

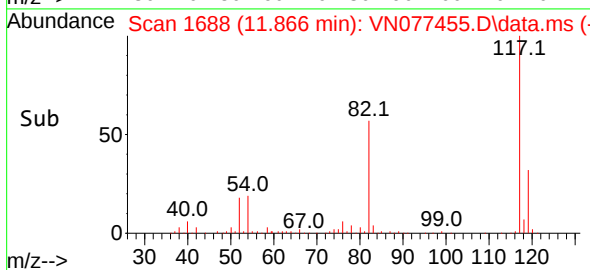
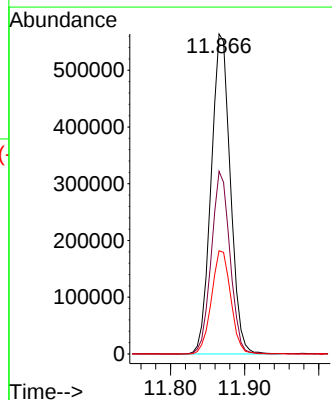
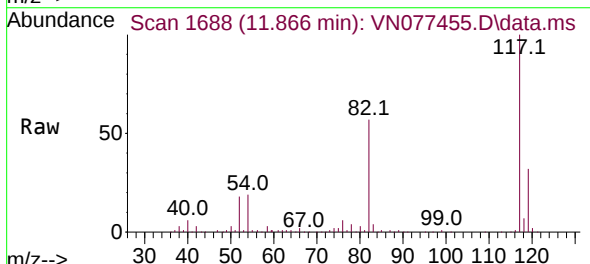
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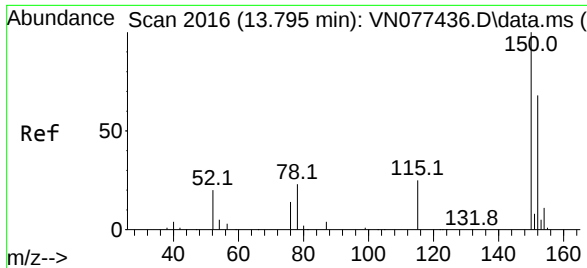
Tgt Ion: 95 Resp: 424915
Ion Ratio Lower Upper
95 100
174 71.6 0.0 143.8
176 68.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077455.D
Acq: 25 Apr 2023 08:05

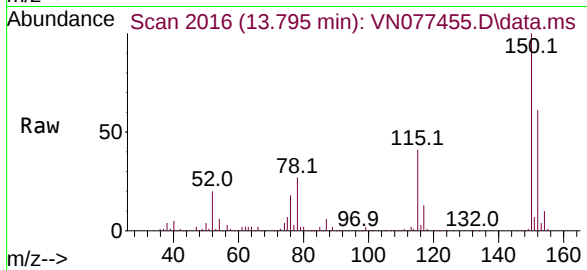
Tgt Ion: 117 Resp: 1014799
Ion Ratio Lower Upper
117 100
82 57.1 44.0 66.0
119 32.3 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077455.D
 Acq: 25 Apr 2023 08:05

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152304ZHE#06



Tgt Ion:152 Resp: 348212
 Ion Ratio Lower Upper
 152 100
 115 66.2 32.3 96.8
 150 163.5 0.0 355.8

