

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050923\
 Data File : VN077634.D
 Acq On : 09 May 2023 16:06
 Operator : JC\MD
 Sample : PB152652TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152652TB

Quant Time: May 10 04:46:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050923W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 09 13:52:31 2023
 Response via : Initial Calibration

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

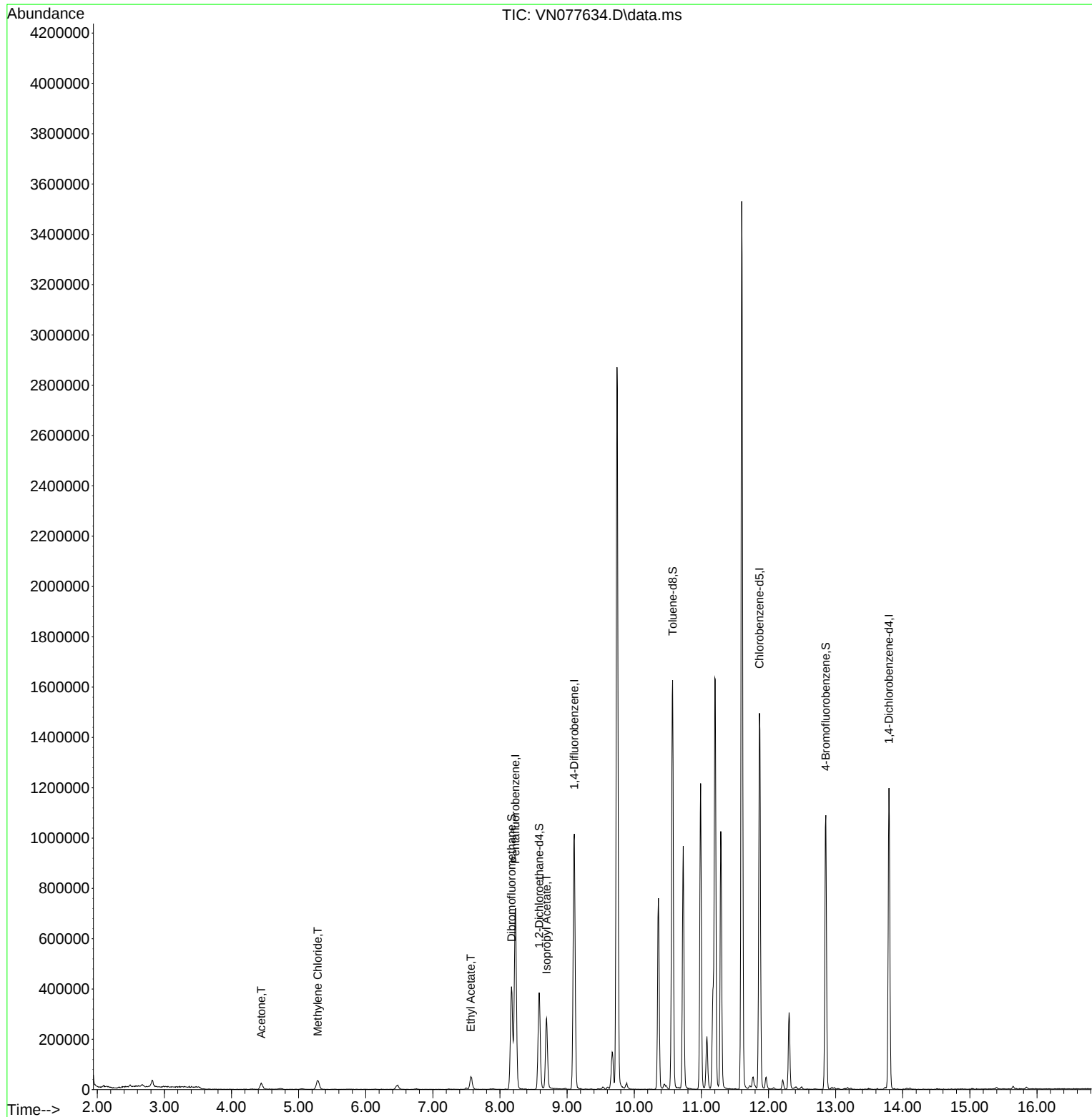
Internal Standards						
1) Pentafluorobenzene	8.231	168	533641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	963316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	946633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	330353	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	329082	48.625	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.240%
35) Dibromofluoromethane	8.172	113	295666	49.212	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.420%
50) Toluene-d8	10.572	98	1196134	52.586	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.180%
62) 4-Bromofluorobenzene	12.854	95	400883	52.108	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.220%
Target Compounds						
					Qvalue	
16) Acetone	4.443	43	41780	25.996	ug/l	96
20) Methylene Chloride	5.284	84	31802	4.775	ug/l #	89
37) Ethyl Acetate	7.566	43	69869	14.738	ug/l	96
43) Isopropyl Acetate	8.695	43	303965	36.569	ug/l #	92

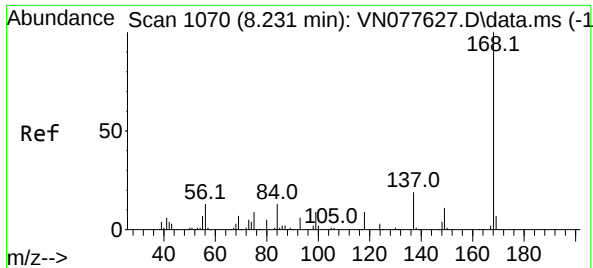
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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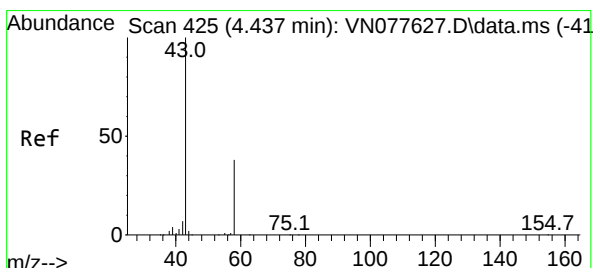
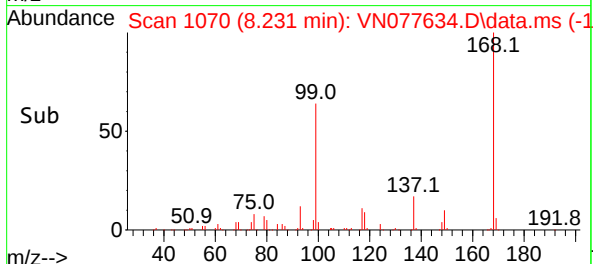
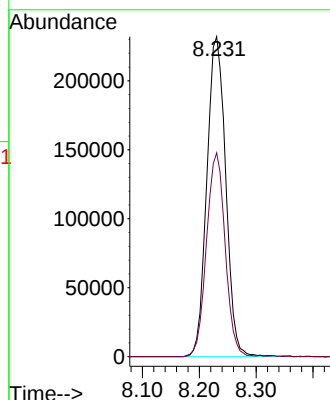
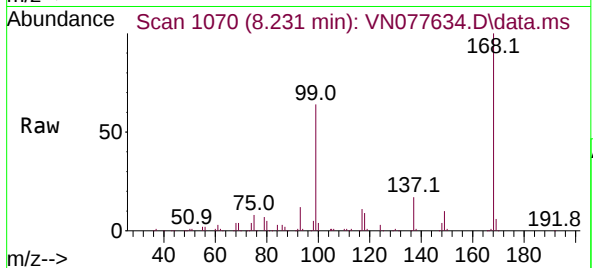




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077634.D
Acq: 09 May 2023 16:06

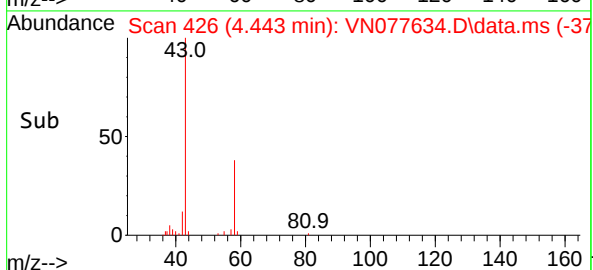
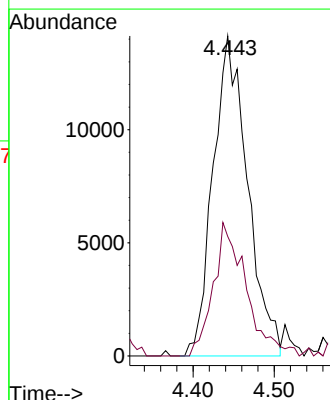
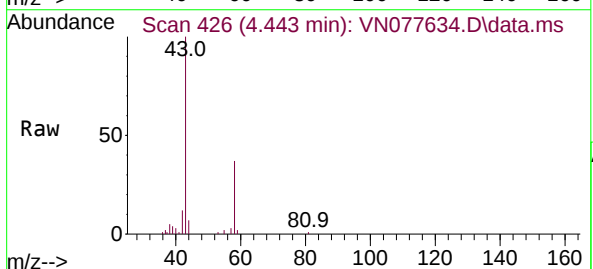
Instrument :
MSVOA_N
ClientSampleId :
PB152652TB

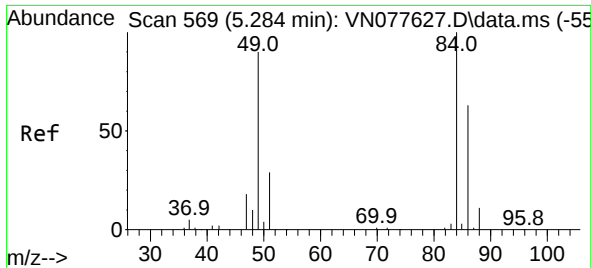
Tgt Ion:168 Resp: 533641
Ion Ratio Lower Upper
168 100
99 63.7 53.0 79.6



#16
Acetone
Concen: 25.996 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN077634.D
Acq: 09 May 2023 16:06

Tgt Ion: 43 Resp: 41780
Ion Ratio Lower Upper
43 100
58 37.3 28.0 42.0

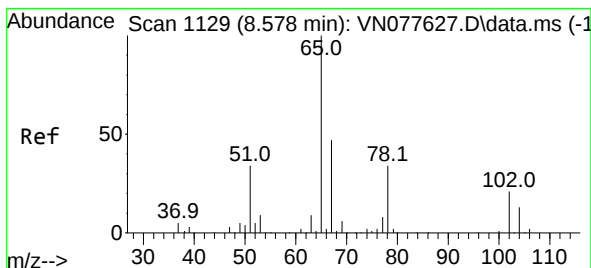
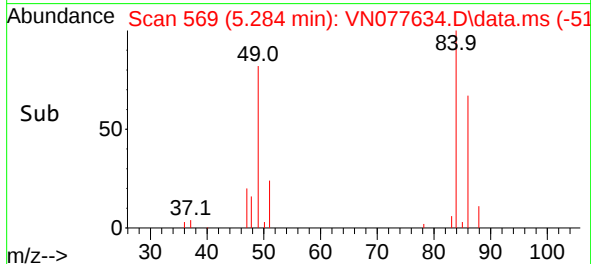
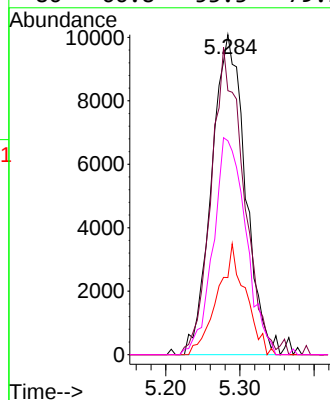
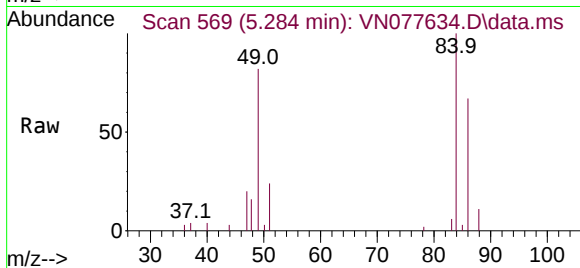




#20
Methylene Chloride
Concen: 4.775 ug/l
RT: 5.284 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077634.D
Acq: 09 May 2023 16:06

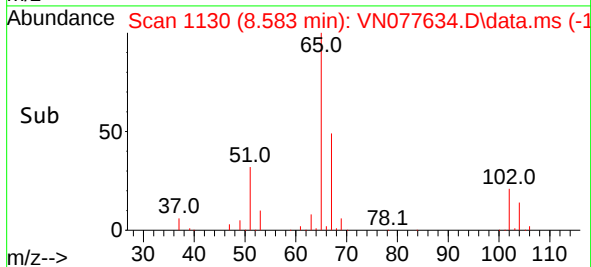
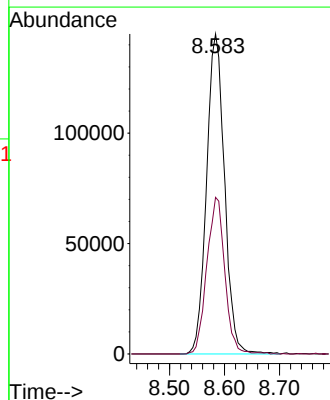
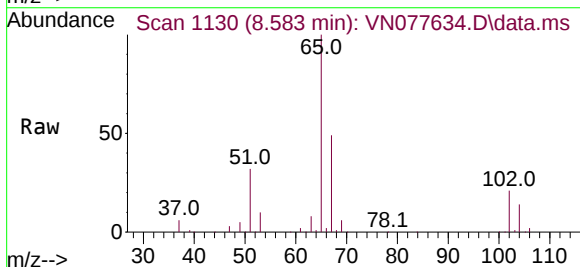
Instrument :
MSVOA_N
ClientSampleId :
PB152652TB

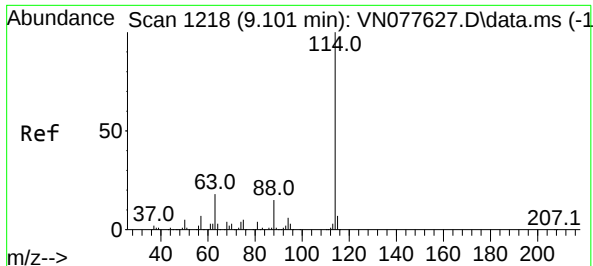
Tgt Ion:	84	Resp:	31802
Ion	Ratio	Lower	Upper
84	100		
49	82.5	79.7	119.5
51	24.1	25.2	37.8#
86	66.8	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 48.625 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.005 min
Lab File: VN077634.D
Acq: 09 May 2023 16:06

Tgt Ion:	65	Resp:	329082
Ion	Ratio	Lower	Upper
65	100		
67	48.7	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077634.D

Acq: 09 May 2023 16:06

Instrument :

MSVOA_N

ClientSampleId :

PB152652TB

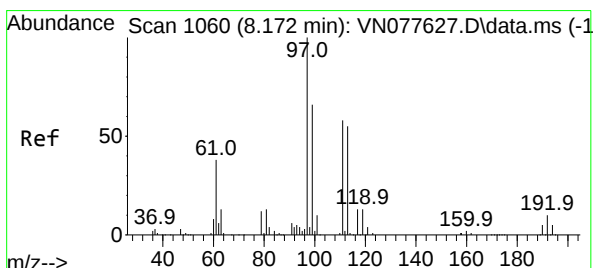
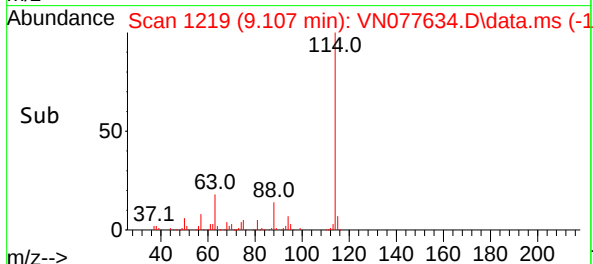
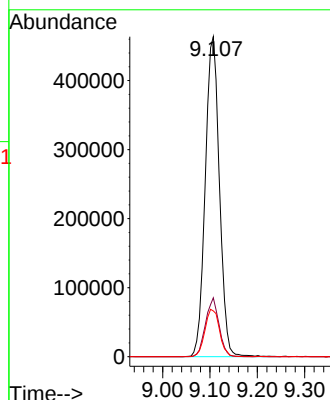
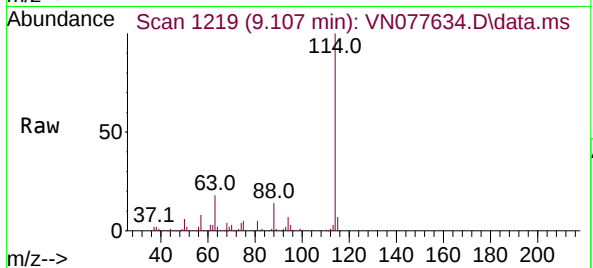
Tgt Ion:114 Resp: 963316

Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.4

88 14.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.212 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077634.D

Acq: 09 May 2023 16:06

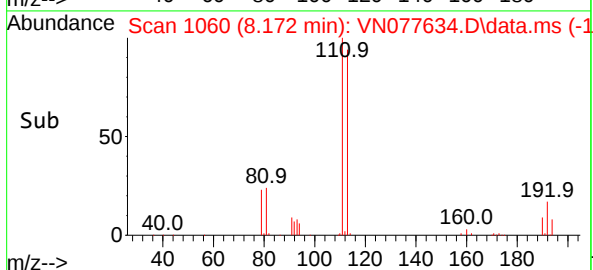
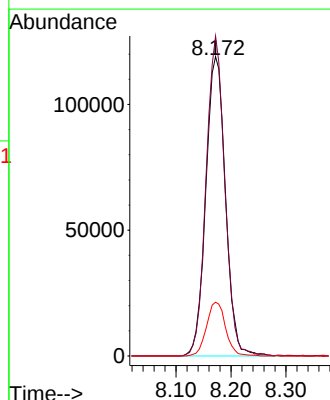
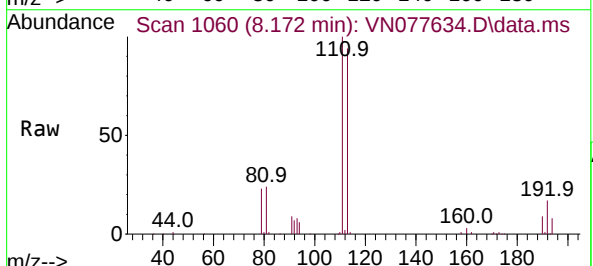
Tgt Ion:113 Resp: 295666

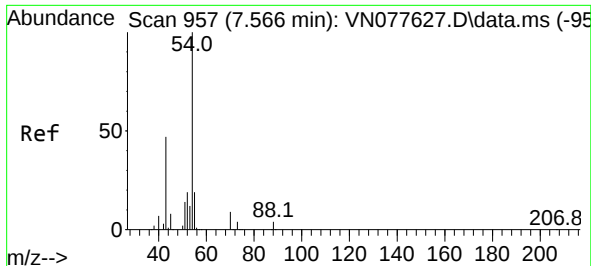
Ion Ratio Lower Upper

113 100

111 102.2 82.6 123.8

192 17.4 12.7 19.1

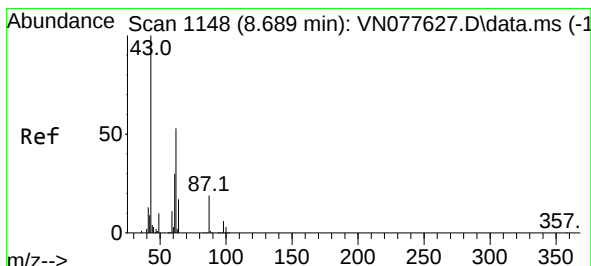
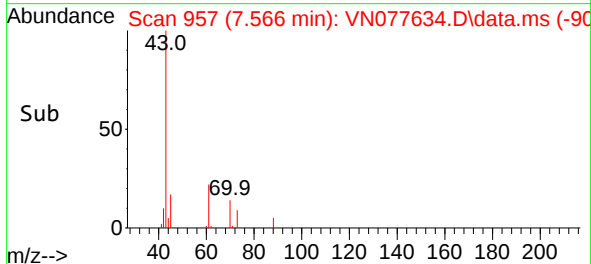
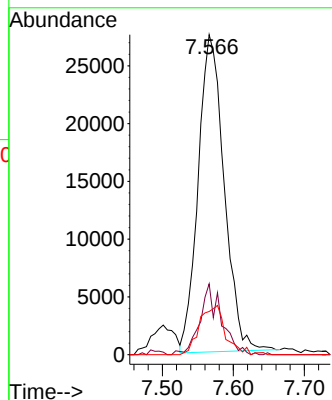
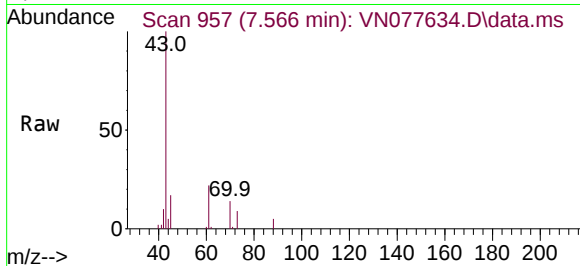




#37
Ethyl Acetate
Concen: 14.738 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077634.D
Acq: 09 May 2023 16:06

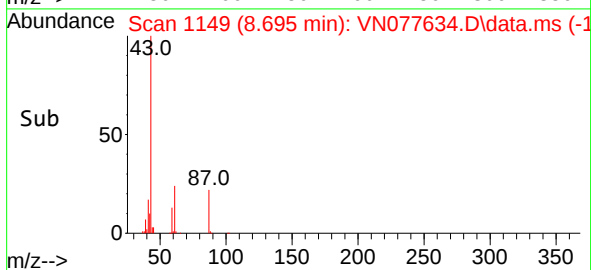
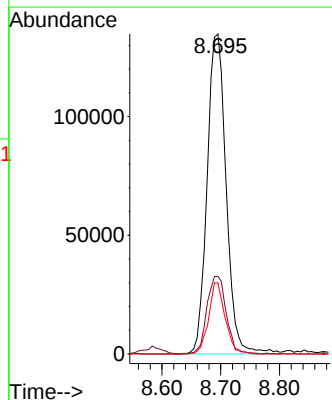
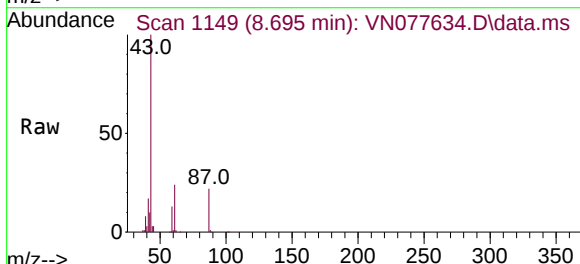
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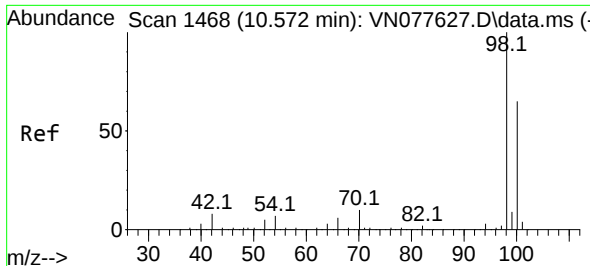
Tgt Ion: 43 Resp: 69869
Ion Ratio Lower Upper
43 100
61 18.5 13.2 19.8
70 15.4 11.3 16.9



#43
Isopropyl Acetate
Concen: 36.569 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.006 min
Lab File: VN077634.D
Acq: 09 May 2023 16:06

Tgt Ion: 43 Resp: 303965
Ion Ratio Lower Upper
43 100
61 24.6 24.7 37.1#
87 19.4 14.6 21.8

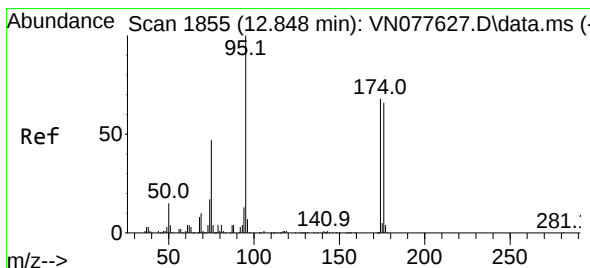
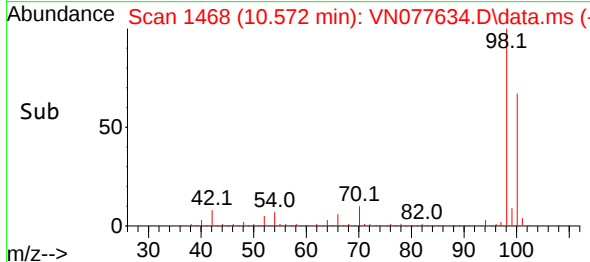
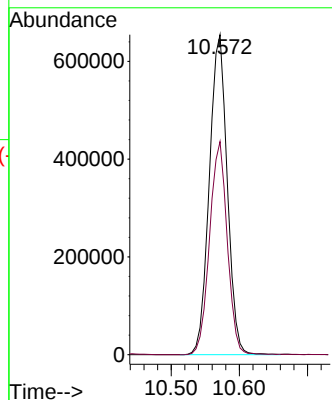
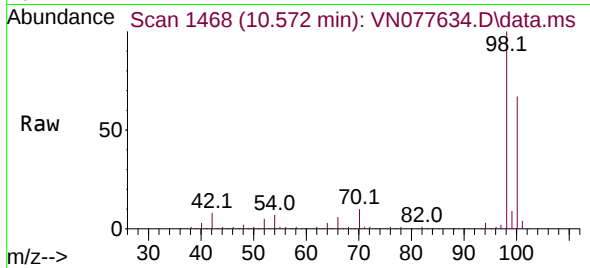




#50
Toluene-d8
Concen: 52.586 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077634.D
Acq: 09 May 2023 16:06

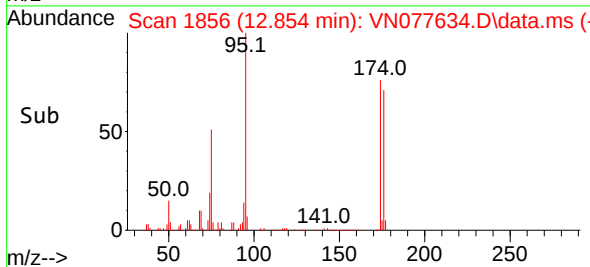
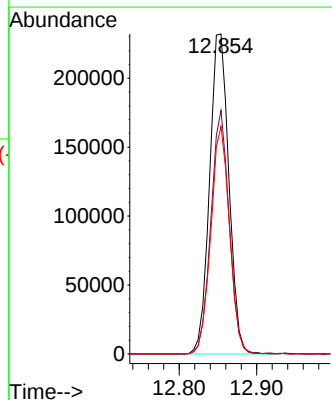
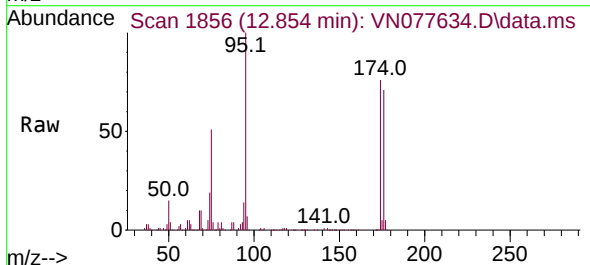
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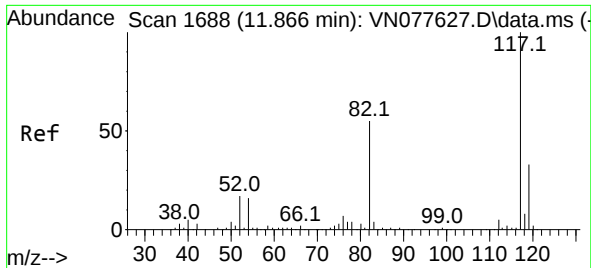
Tgt Ion: 98 Resp: 1196134
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.108 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077634.D
Acq: 09 May 2023 16:06

Tgt Ion: 95 Resp: 400883
Ion Ratio Lower Upper
95 100
174 72.3 0.0 143.8
176 68.6 0.0 135.8

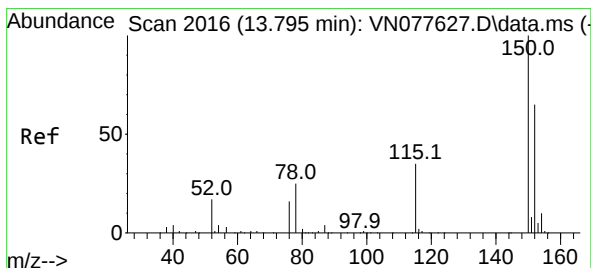
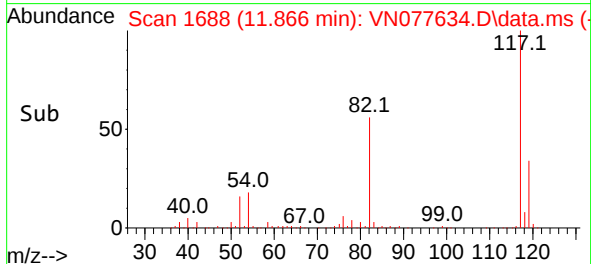
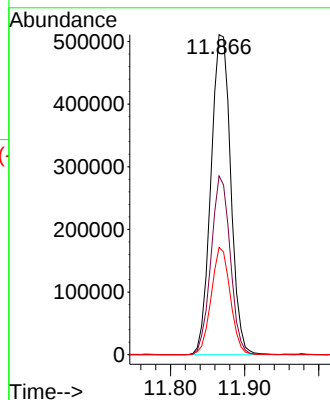
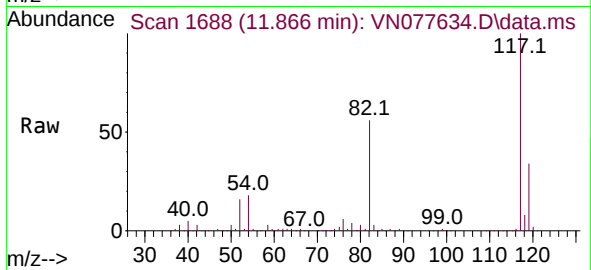




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077634.D
Acq: 09 May 2023 16:06

Instrument :
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Tgt Ion:117 Resp: 946633
Ion Ratio Lower Upper
117 100
82 55.9 44.0 66.0
119 33.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077634.D
Acq: 09 May 2023 16:06

Tgt Ion:152 Resp: 330353
Ion Ratio Lower Upper
152 100
115 63.7 32.3 96.8
150 156.6 0.0 355.8

