

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042423\
 Data File : VN077454.D
 Acq On : 25 Apr 2023 07:41
 Operator : JC\MD
 Sample : PB152304ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152304ZHE#05

Quant Time: Apr 25 08:43:39 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)

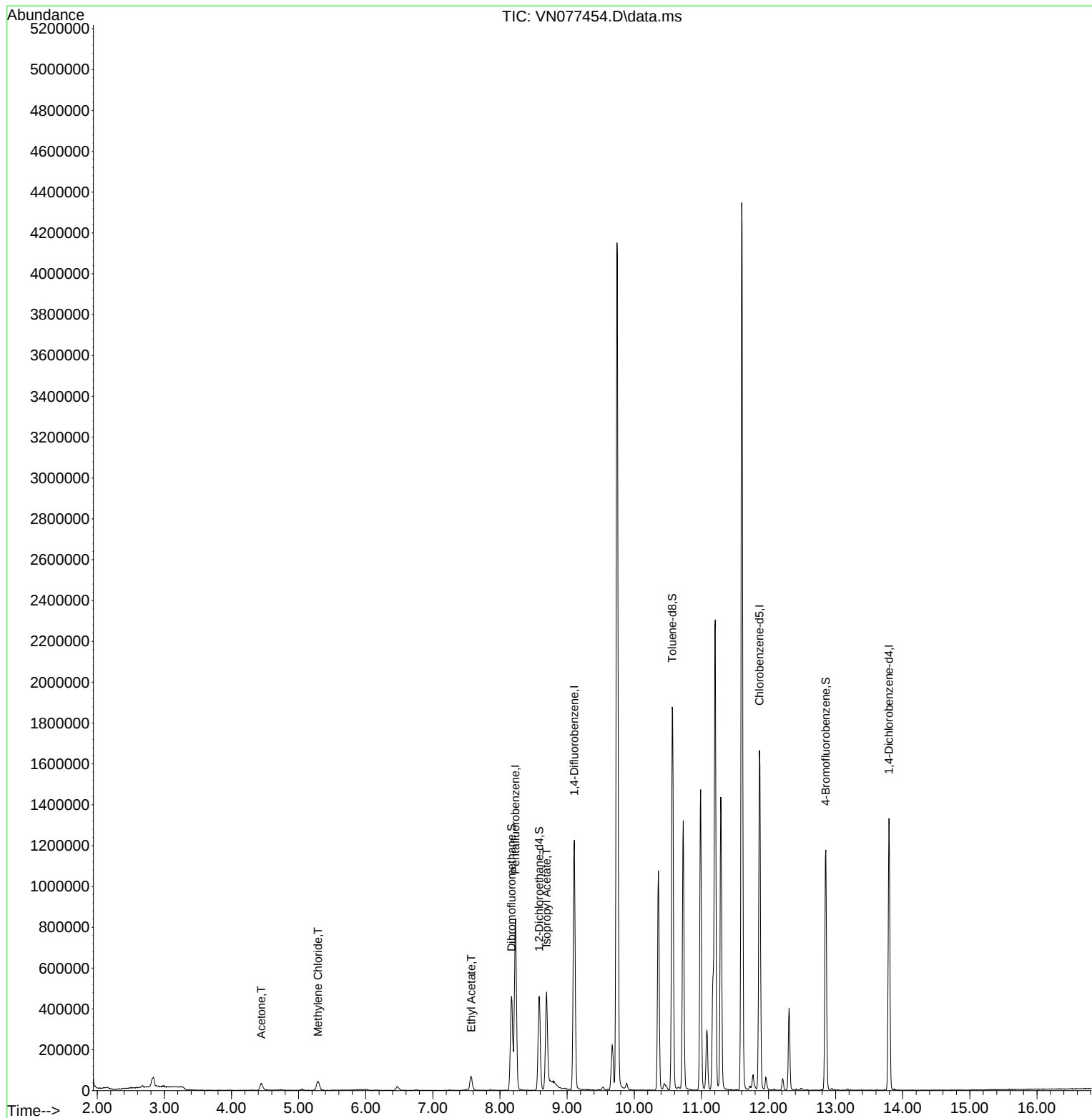
Internal Standards						
1) Pentafluorobenzene	8.230	168	582769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1098960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1026465	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	351908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	383589	50.443	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.880%	
35) Dibromofluoromethane	8.172	113	333376	50.472	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.940%	
50) Toluene-d8	10.566	98	1367071	54.002	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.000%	
62) 4-Bromofluorobenzene	12.854	95	430126	51.932	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.860%	
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	64494	26.658	ug/l #	87
20) Methylene Chloride	5.289	84	38746	5.050	ug/l #	90
37) Ethyl Acetate	7.572	43	100262	13.827	ug/l	98
43) Isopropyl Acetate	8.695	43	530696	42.304	ug/l #	87

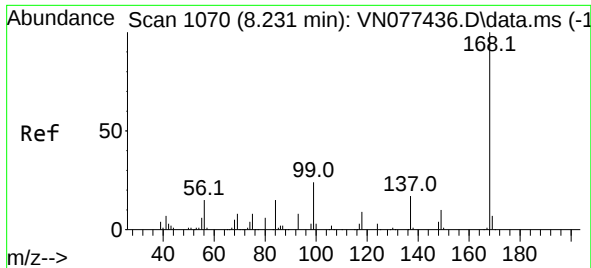
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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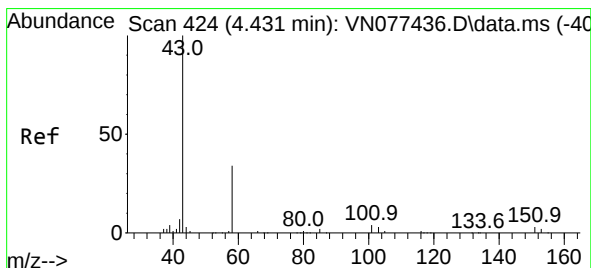
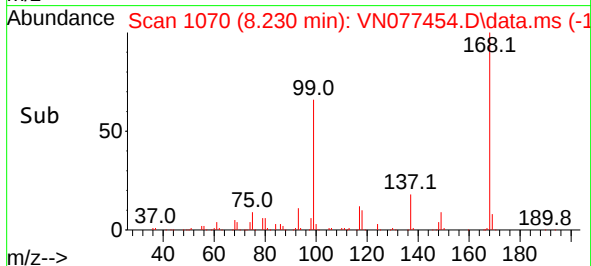
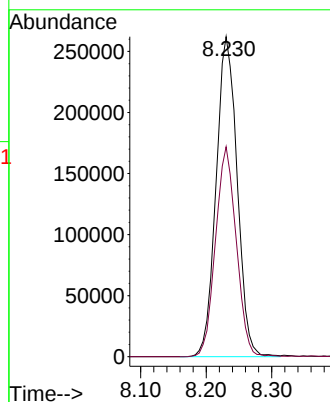
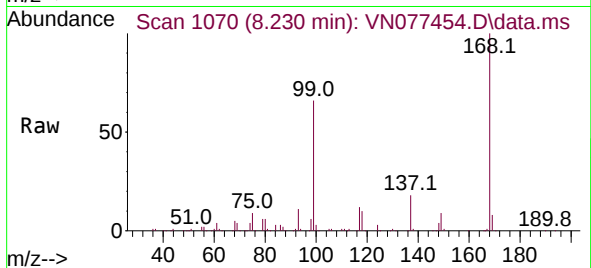




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN077454.D
Acq: 25 Apr 2023 07:41

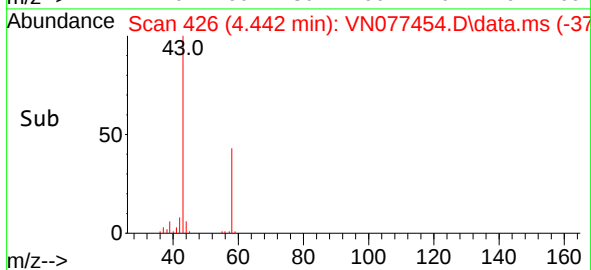
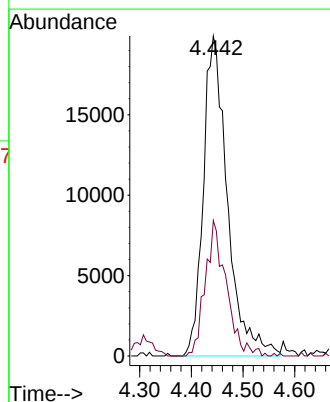
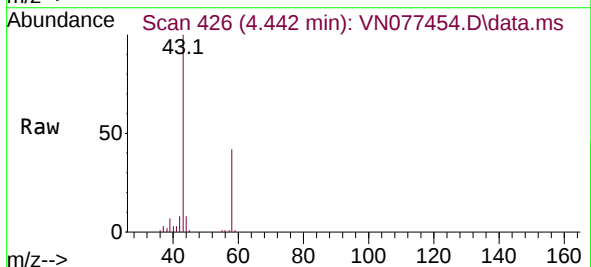
Instrument :
MSVOA_N
ClientSampleId :
PB152304ZHE#05

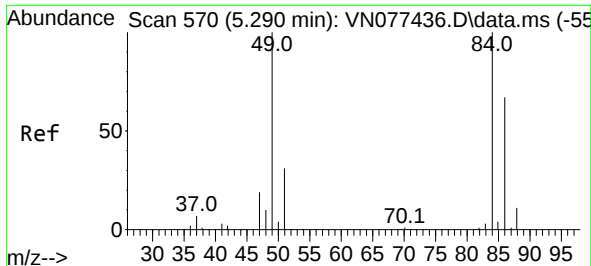
Tgt Ion:168 Resp: 582769
Ion Ratio Lower Upper
168 100
99 65.6 53.0 79.6



#16
Acetone
Concen: 26.658 ug/l
RT: 4.442 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN077454.D
Acq: 25 Apr 2023 07:41

Tgt Ion: 43 Resp: 64494
Ion Ratio Lower Upper
43 100
58 42.3 28.0 42.0#

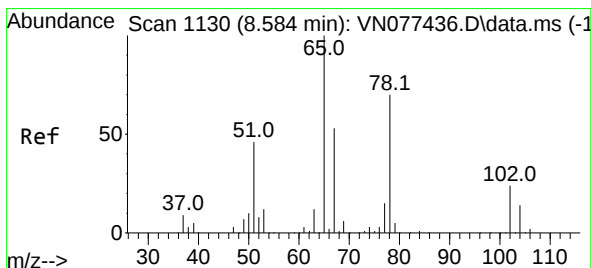
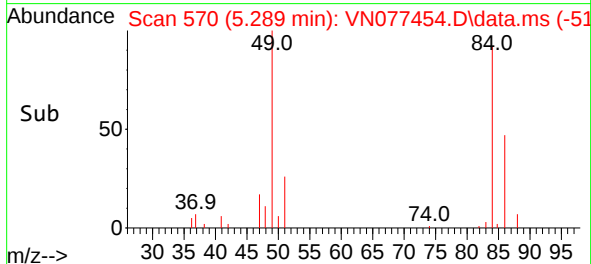
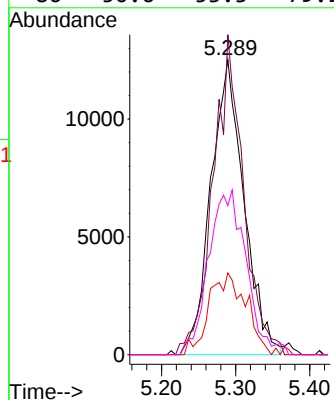
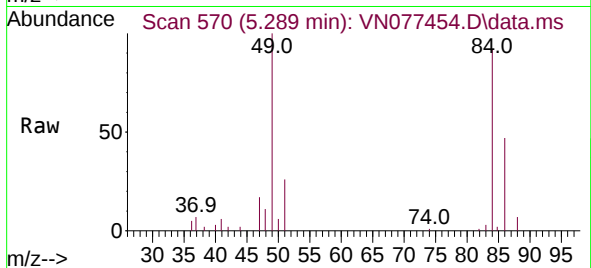




#20
Methylene Chloride
Concen: 5.050 ug/l
RT: 5.289 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077454.D
Acq: 25 Apr 2023 07:41

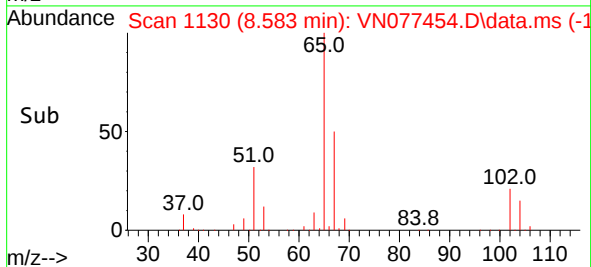
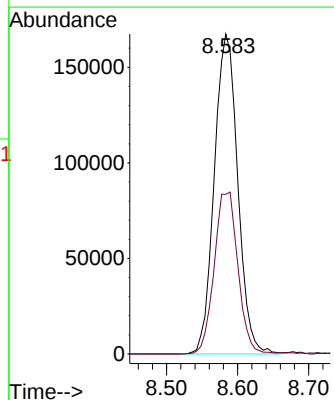
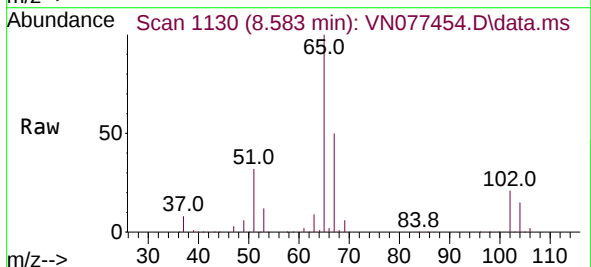
Instrument :
MSVOA_N
ClientSampleId :
PB152304ZHE#05

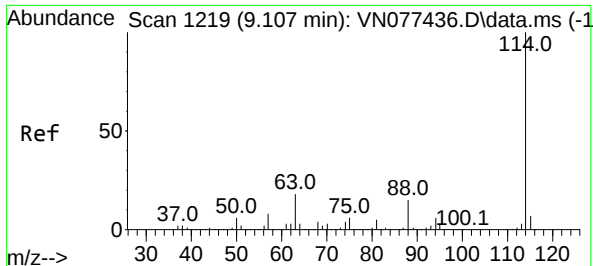
Tgt Ion:	84	Resp:	38746
Ion	Ratio	Lower	Upper
84	100		
49	104.8	79.7	119.5
51	27.8	25.2	37.8
86	50.6	53.3	79.9#



#33
1,2-Dichloroethane-d4
Concen: 50.443 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077454.D
Acq: 25 Apr 2023 07:41

Tgt Ion:	65	Resp:	383589
Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077454.D

Acq: 25 Apr 2023 07:41

Instrument :

MSVOA_N

ClientSampleId :

PB152304ZHE#05

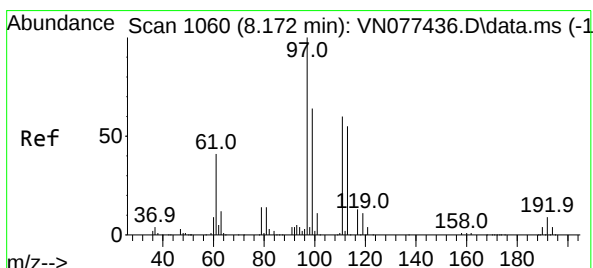
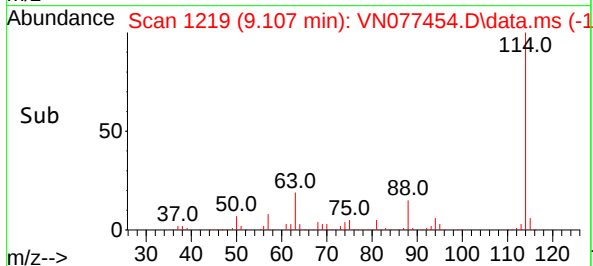
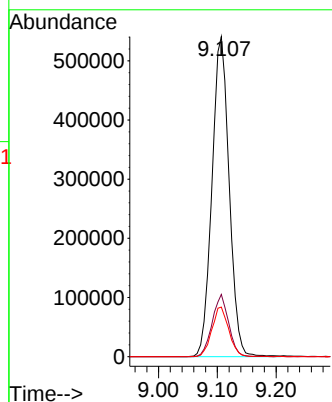
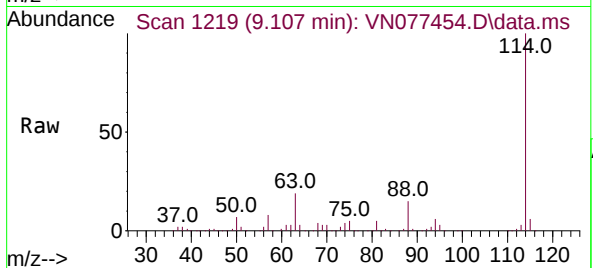
Tgt Ion:114 Resp: 1098960

Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.472 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077454.D

Acq: 25 Apr 2023 07:41

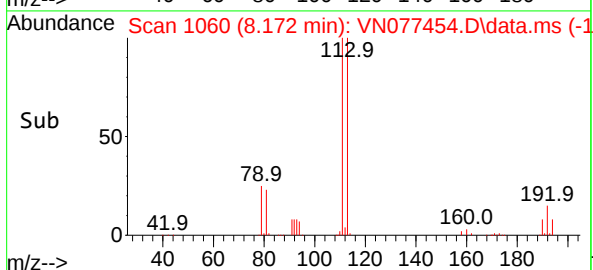
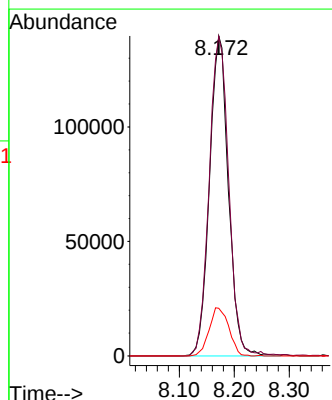
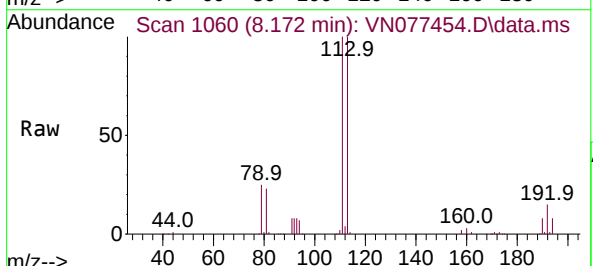
Tgt Ion:113 Resp: 333376

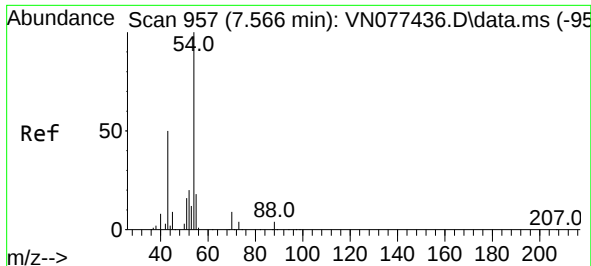
Ion Ratio Lower Upper

113 100

111 103.9 82.6 123.8

192 15.7 12.7 19.1

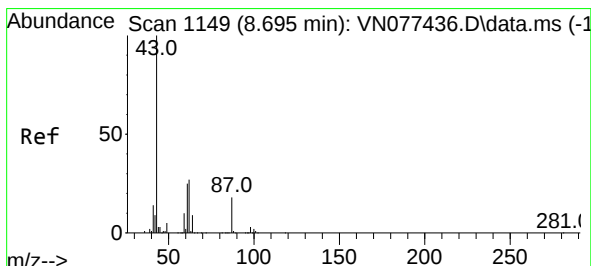
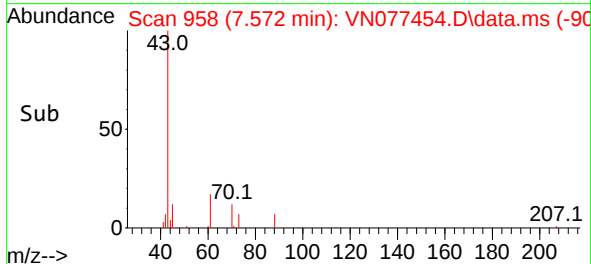
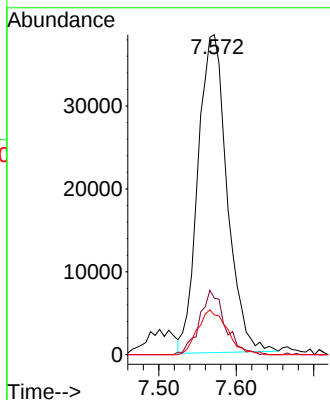
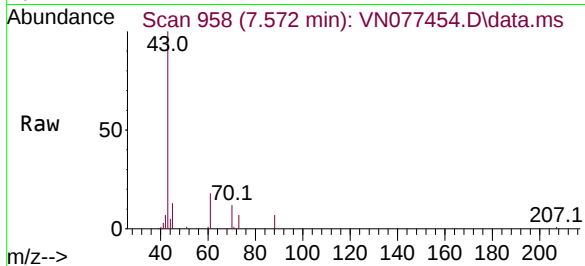




#37
Ethyl Acetate
Concen: 13.827 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077454.D
Acq: 25 Apr 2023 07:41

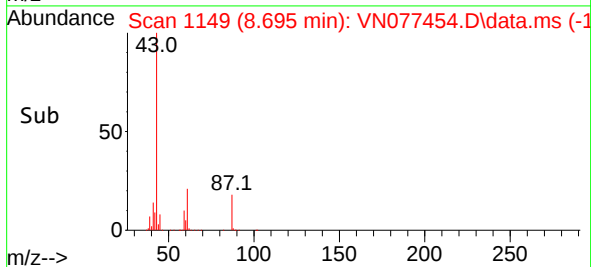
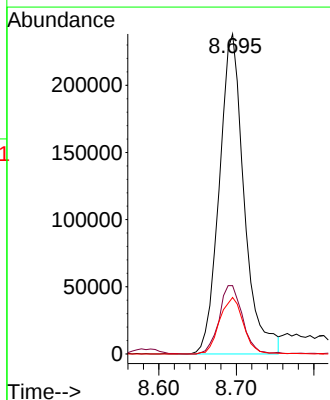
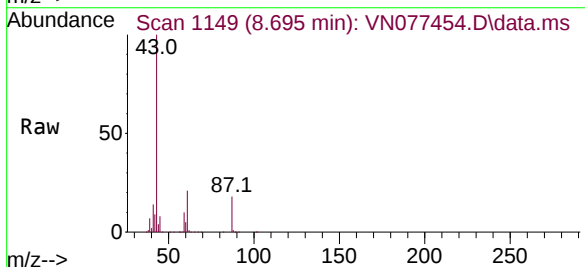
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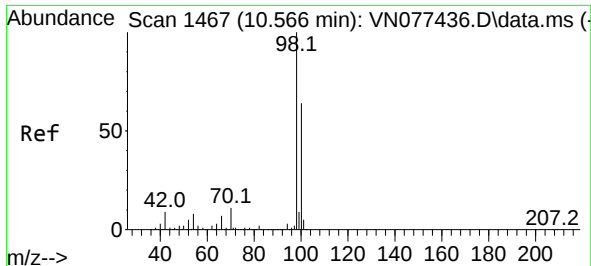
Tgt Ion: 43 Resp: 100262
Ion Ratio Lower Upper
43 100
61 17.8 13.2 19.8
70 14.3 11.3 16.9



#43
Isopropyl Acetate
Concen: 42.304 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077454.D
Acq: 25 Apr 2023 07:41

Tgt Ion: 43 Resp: 530696
Ion Ratio Lower Upper
43 100
61 20.2 24.7 37.1#
87 17.0 14.6 21.8

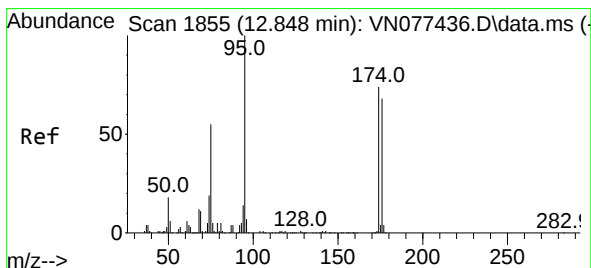
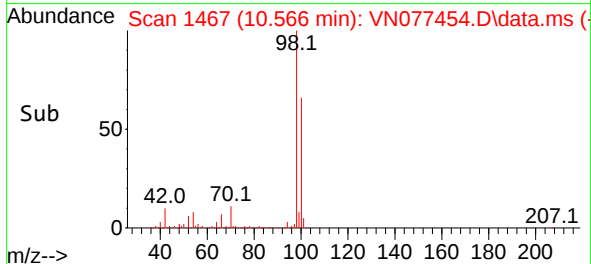
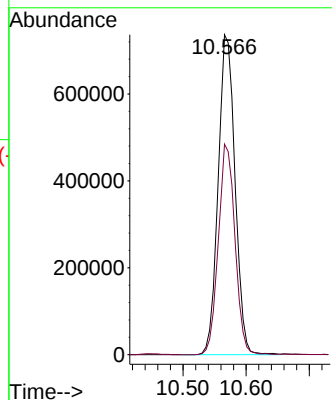
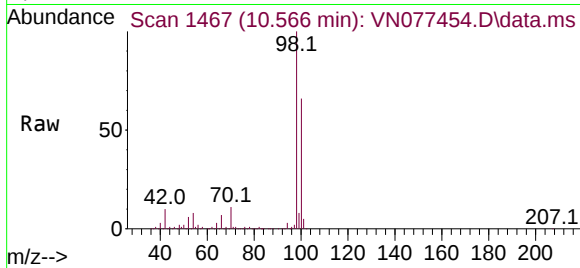




#50
Toluene-d8
Concen: 54.002 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VN077454.D
Acq: 25 Apr 2023 07:41

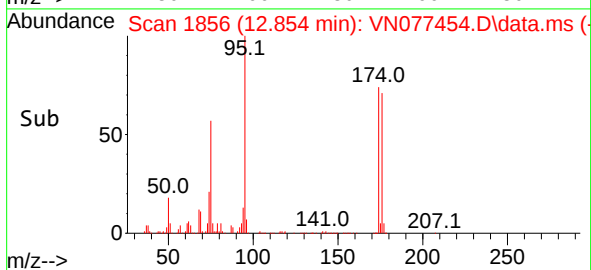
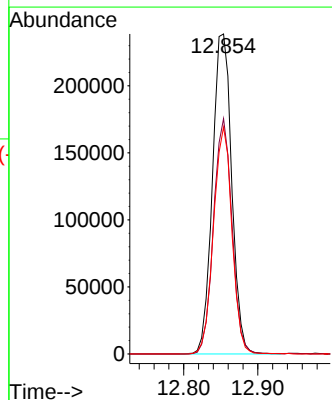
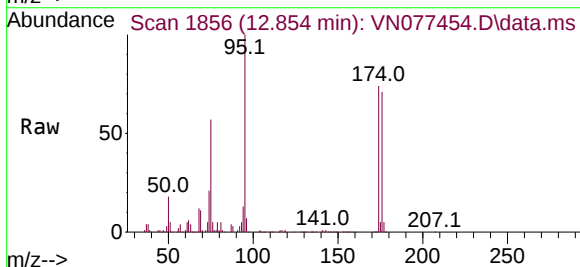
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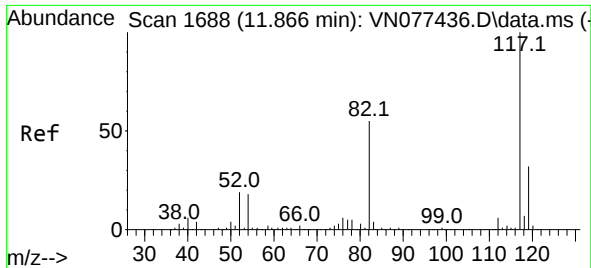
Tgt Ion: 98 Resp: 1367071
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.932 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077454.D
Acq: 25 Apr 2023 07:41

Tgt Ion: 95 Resp: 430126
Ion Ratio Lower Upper
95 100
174 70.5 0.0 143.8
176 68.0 0.0 135.8

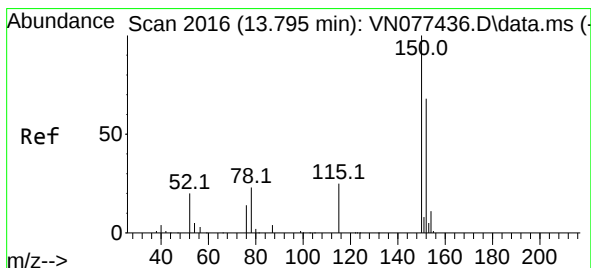
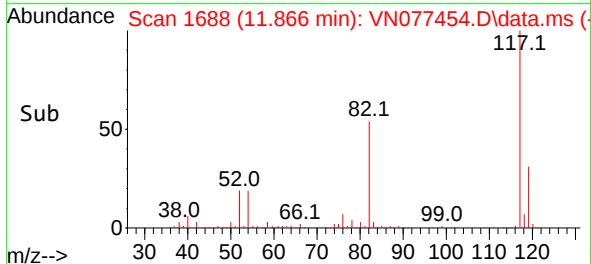
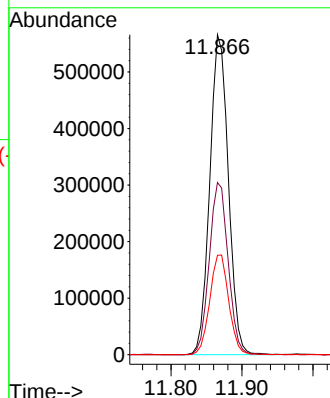
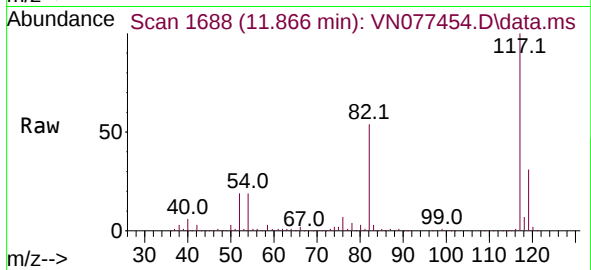




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077454.D
Acq: 25 Apr 2023 07:41

Instrument :
MSVOA_N
ClientSampleId :
PB152304ZHE#05

Tgt Ion:117 Resp: 1026465
Ion Ratio Lower Upper
117 100
82 53.8 44.0 66.0
119 31.1 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: VN077454.D
Acq: 25 Apr 2023 07:41

Tgt Ion:152 Resp: 351908
Ion Ratio Lower Upper
152 100
115 67.1 32.3 96.8
150 160.8 0.0 355.8

