

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
 Data File : VN077825.D
 Acq On : 23 May 2023 18:41
 Operator : JC\MD
 Sample : PB152982ZHE#07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152982ZHE#07

Quant Time: May 24 02:56:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

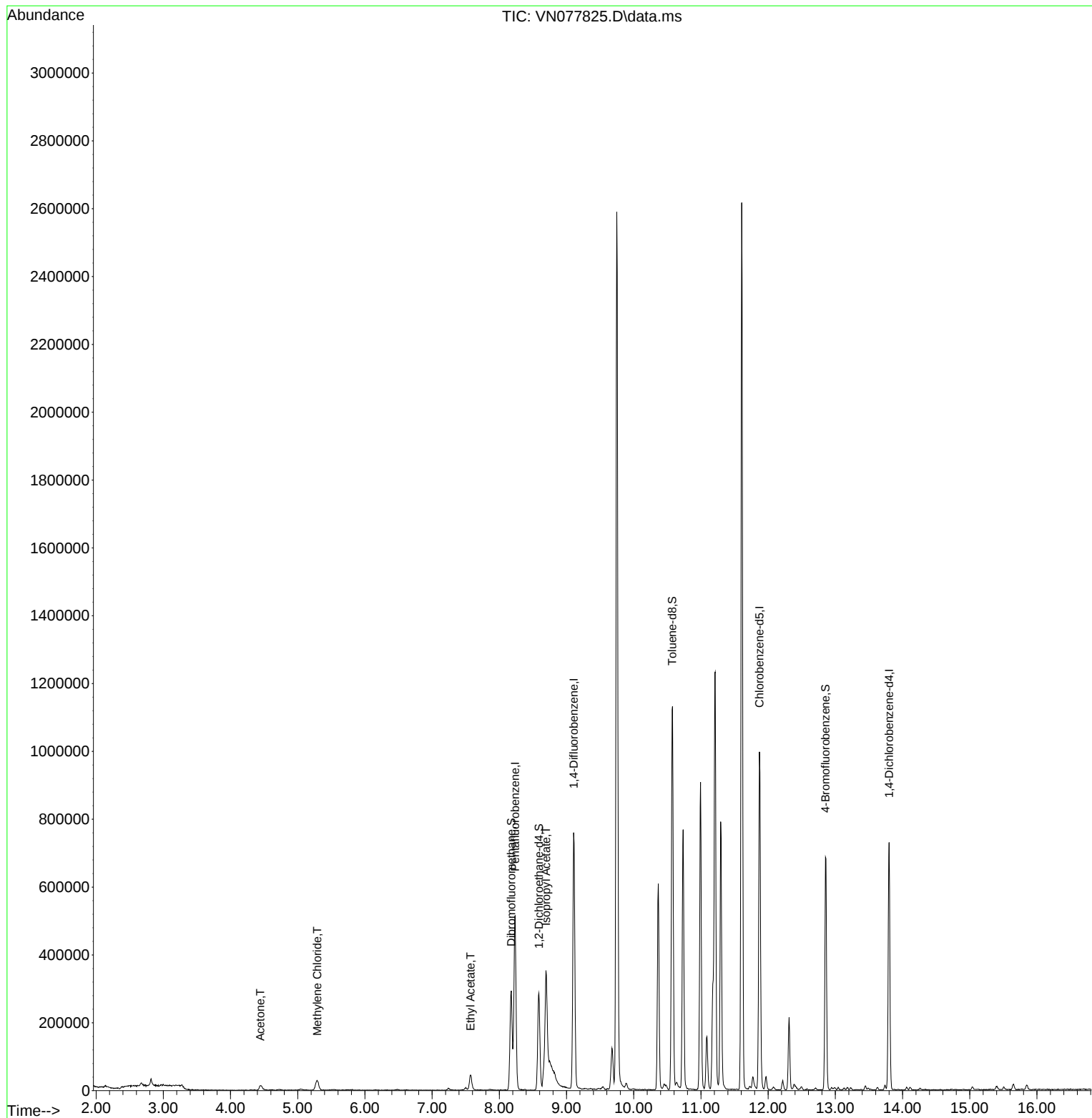
Internal Standards						
1) Pentafluorobenzene	8.236	168	373171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	677300	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	616208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	202613	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	238256	42.671	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.340%
35) Dibromofluoromethane	8.177	113	212766	48.174	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.340%
50) Toluene-d8	10.571	98	827819	48.696	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.400%
62) 4-Bromofluorobenzene	12.853	95	247307	41.190	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.380%#
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	27129	15.443	ug/l #	84
20) Methylene Chloride	5.289	84	24544	3.532	ug/l	96
37) Ethyl Acetate	7.571	43	66746	11.592	ug/l	97
43) Isopropyl Acetate	8.694	43	591707	62.915	ug/l #	68

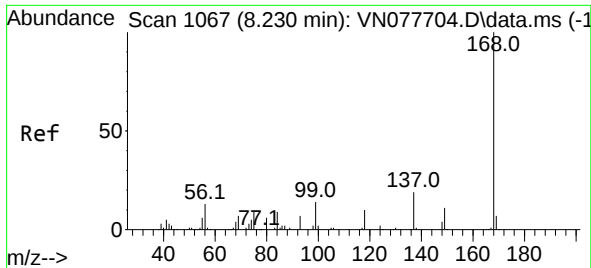
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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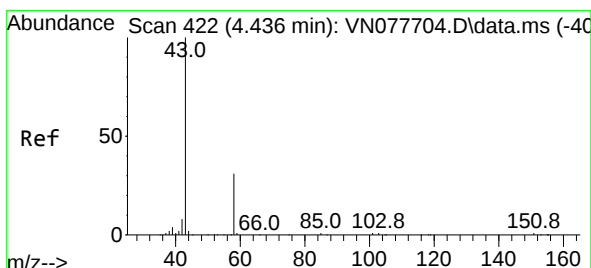
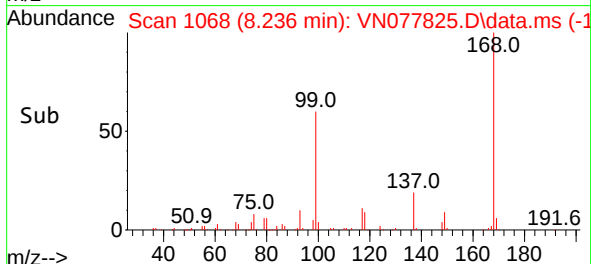
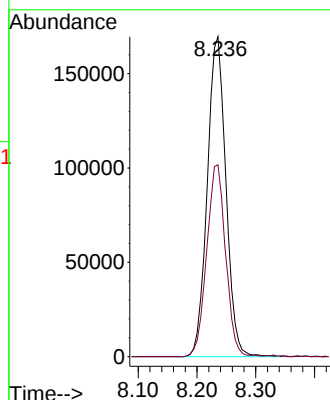
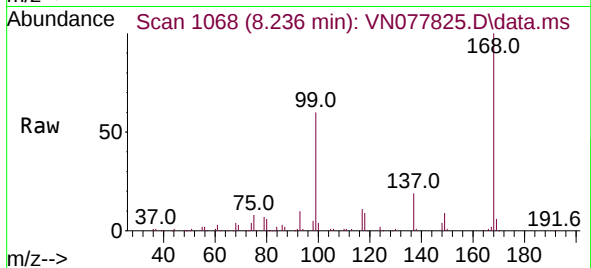




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN077825.D
Acq: 23 May 2023 18:41

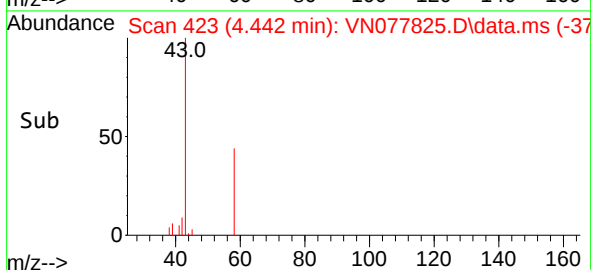
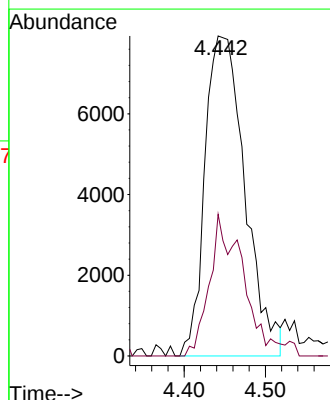
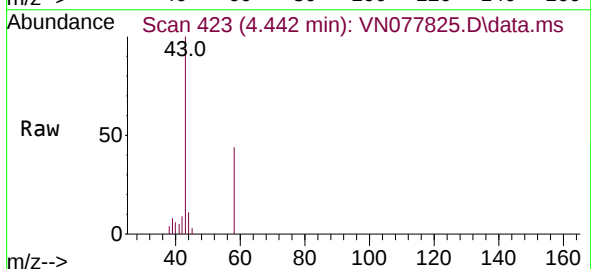
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#07

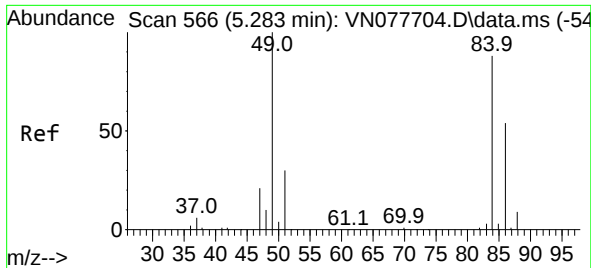
Tgt Ion:168 Resp: 373171
Ion Ratio Lower Upper
168 100
99 60.0 53.0 79.6



#16
Acetone
Concen: 15.443 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN077825.D
Acq: 23 May 2023 18:41

Tgt Ion: 43 Resp: 27129
Ion Ratio Lower Upper
43 100
58 44.2 28.0 42.0#

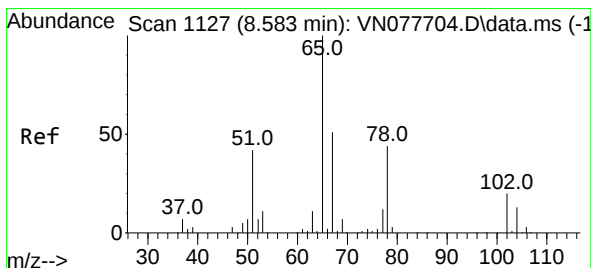
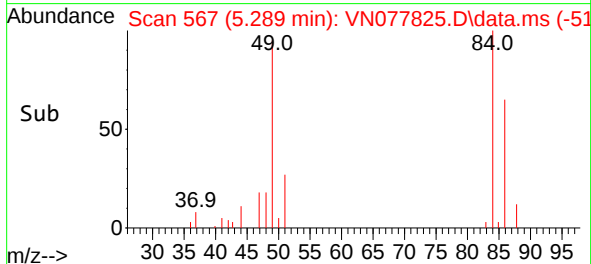
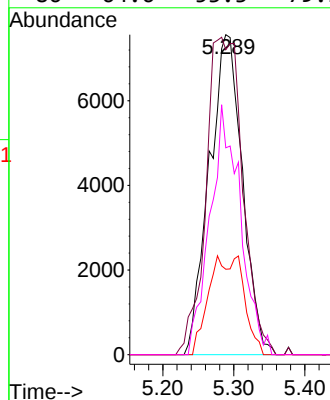
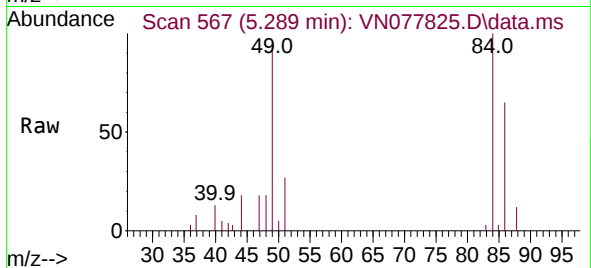




#20
Methylene Chloride
Concen: 3.532 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN077825.D
Acq: 23 May 2023 18:41

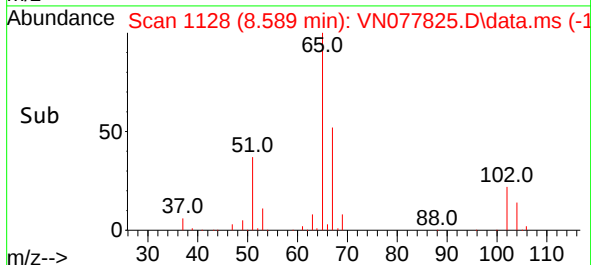
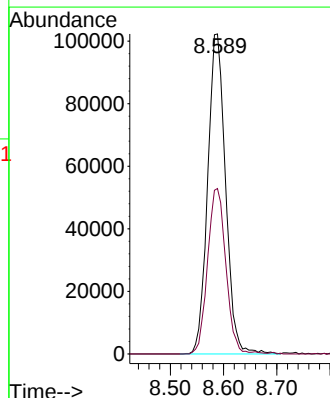
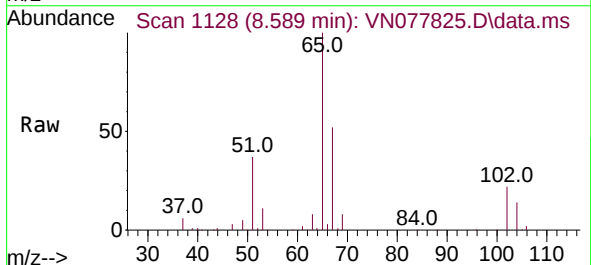
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#07

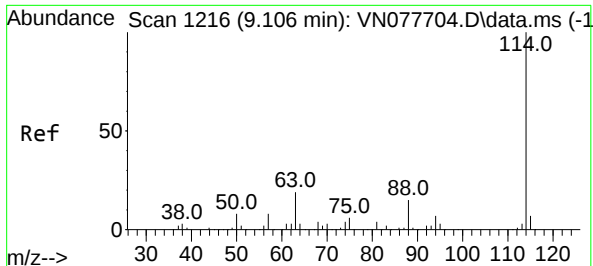
Tgt Ion:	84	Resp:	24544
Ion	Ratio	Lower	Upper
84	100		
49	95.3	79.7	119.5
51	26.7	25.2	37.8
86	64.6	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 42.671 ug/l
RT: 8.589 min Scan# 1128
Delta R.T. 0.007 min
Lab File: VN077825.D
Acq: 23 May 2023 18:41

Tgt Ion:	65	Resp:	238256
Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN077825.D

Acq: 23 May 2023 18:41

Instrument :

MSVOA_N

ClientSampleId :

PB152982ZHE#07

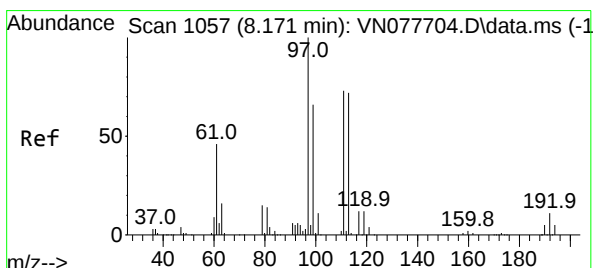
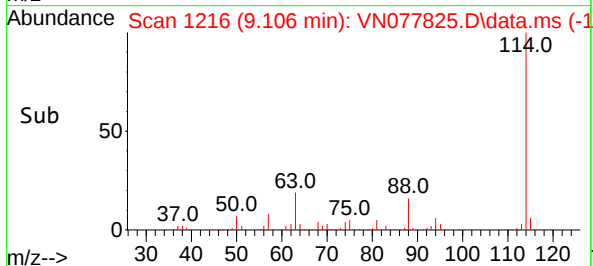
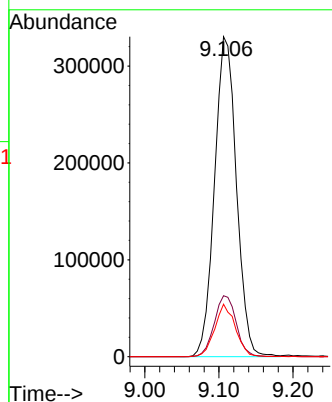
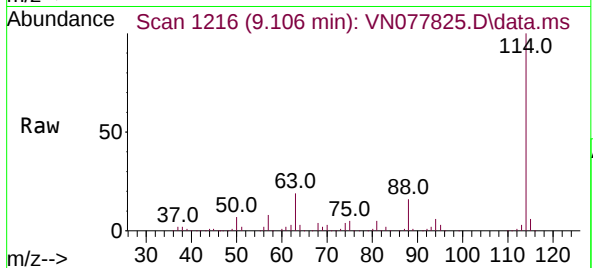
Tgt Ion:114 Resp: 677300

Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.4

88 16.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.174 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077825.D

Acq: 23 May 2023 18:41

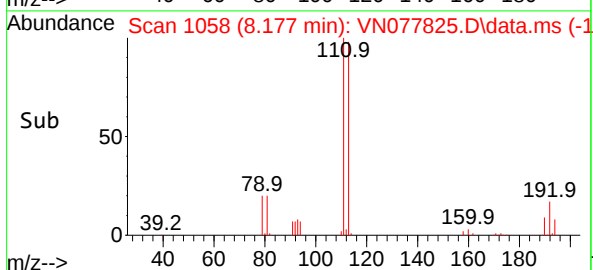
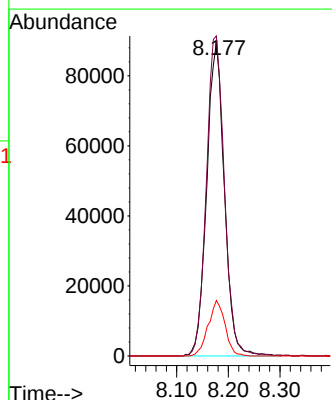
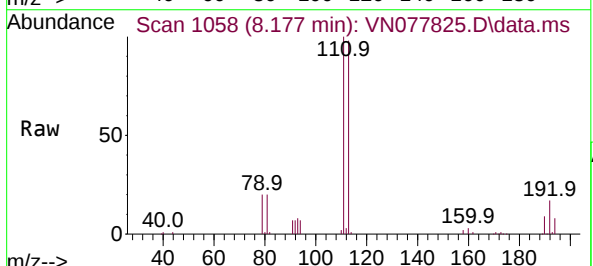
Tgt Ion:113 Resp: 212766

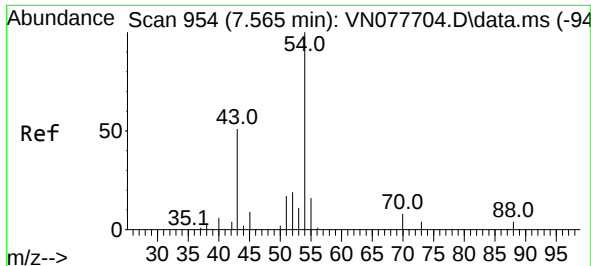
Ion Ratio Lower Upper

113 100

111 104.0 82.6 123.8

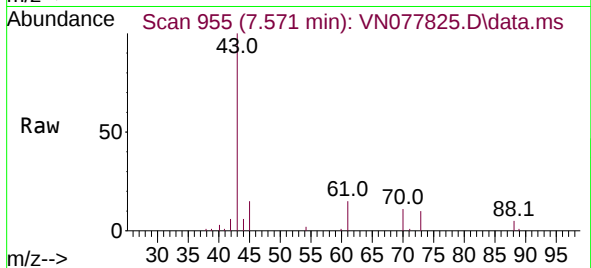
192 16.9 12.7 19.1



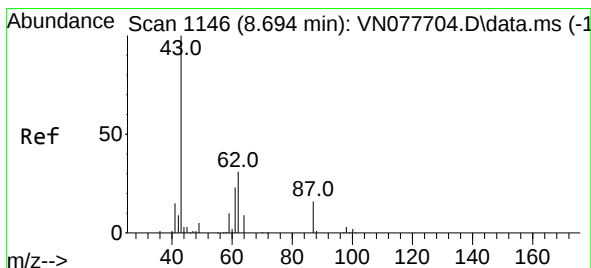
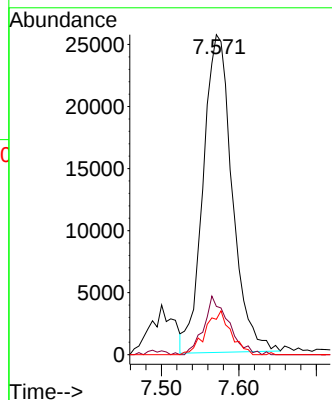
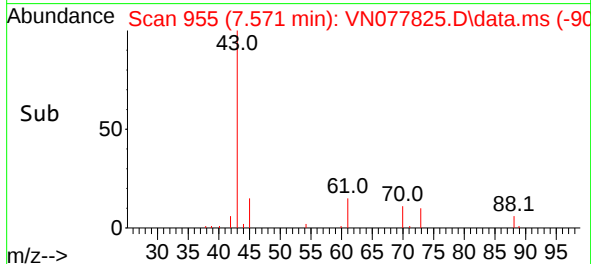


#37
Ethyl Acetate
Concen: 11.592 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077825.D
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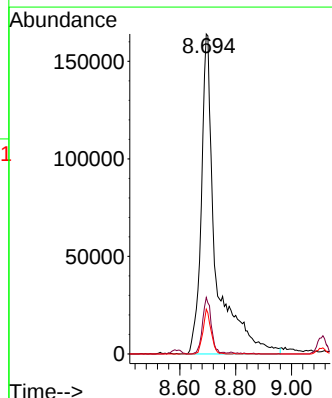
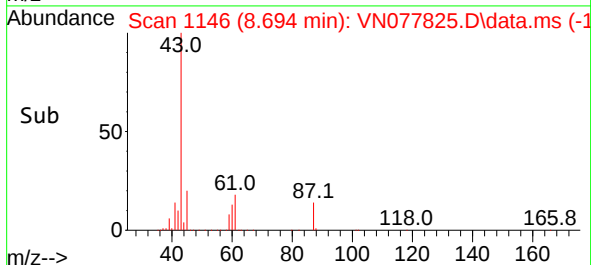
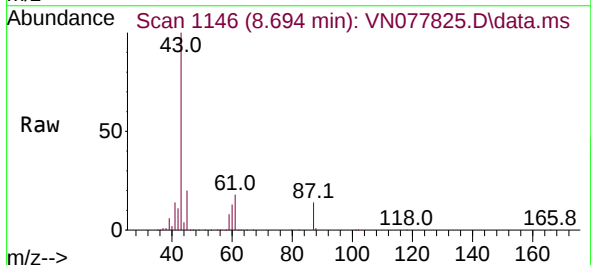


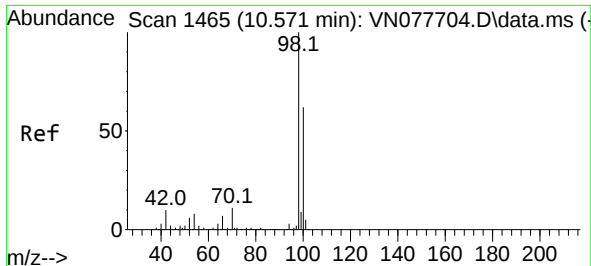
Tgt Ion: 43 Resp: 66746
Ion Ratio Lower Upper
43 100
61 15.8 13.2 19.8
70 12.0 11.3 16.9



#43
Isopropyl Acetate
Concen: 62.915 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077825.D
Acq: 23 May 2023 18:41

Tgt Ion: 43 Resp: 591707
Ion Ratio Lower Upper
43 100
61 10.6 24.7 37.1#
87 7.7 14.6 21.8#

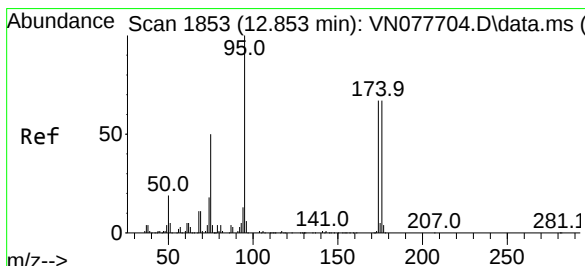
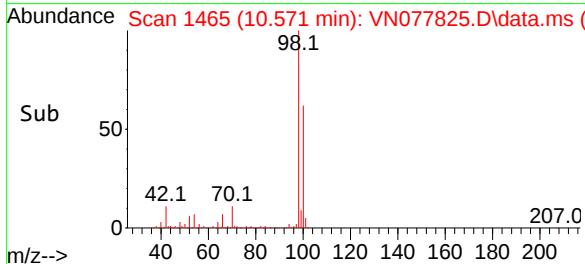
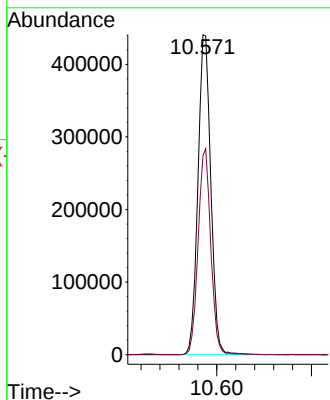
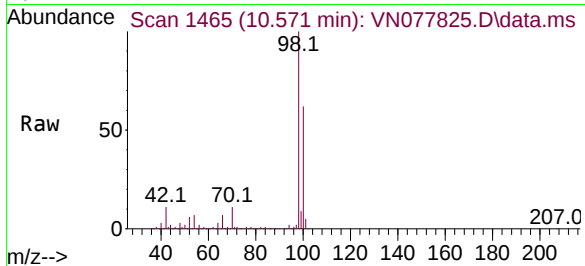




#50
Toluene-d8
Concen: 48.696 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077825.D
Acq: 23 May 2023 18:41

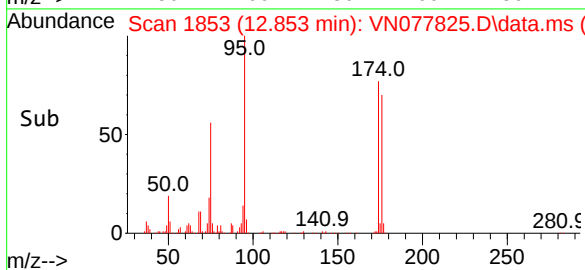
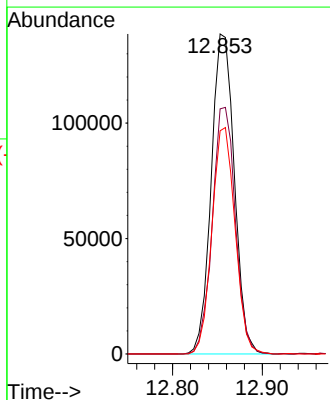
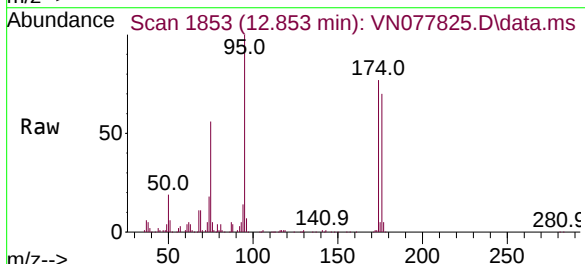
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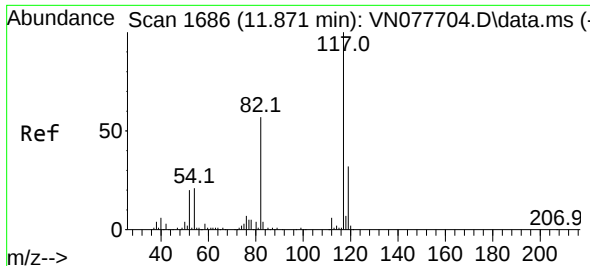
Tgt Ion: 98 Resp: 827819
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.190 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077825.D
Acq: 23 May 2023 18:41

Tgt Ion: 95 Resp: 247307
Ion Ratio Lower Upper
95 100
174 77.0 0.0 143.8
176 71.0 0.0 135.8

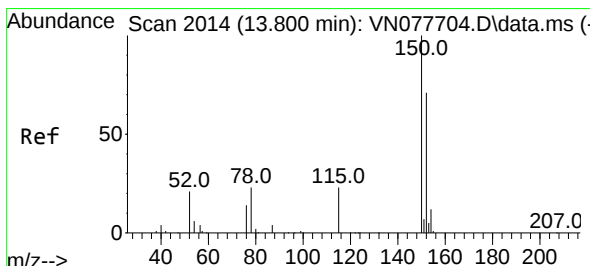
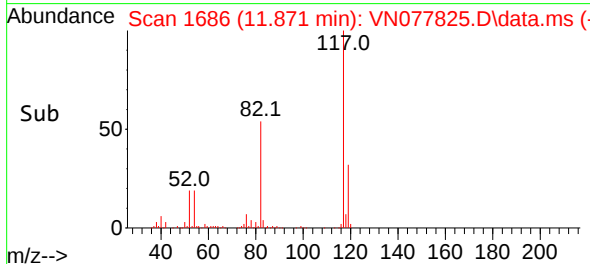
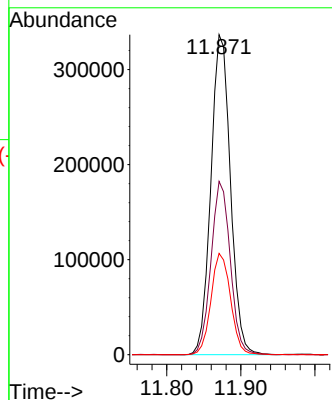
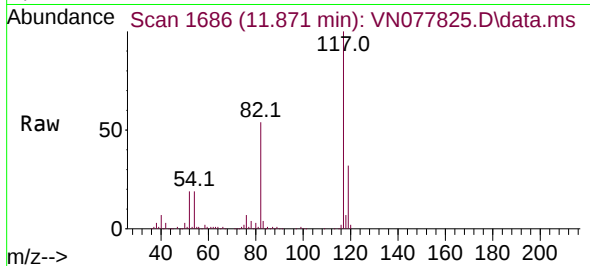




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.001 min
Lab File: VN077825.D
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Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 616208
Ion Ratio Lower Upper
117 100
82 54.2 44.0 66.0
119 31.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077825.D
Acq: 23 May 2023 18:41

Tgt Ion:152 Resp: 202613
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 157.3 0.0 355.8

