

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050923\
 Data File : VN077637.D
 Acq On : 09 May 2023 17:19
 Operator : JC\MD
 Sample : PB152652ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152652ZHE#03

Quant Time: May 10 04:48:06 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)

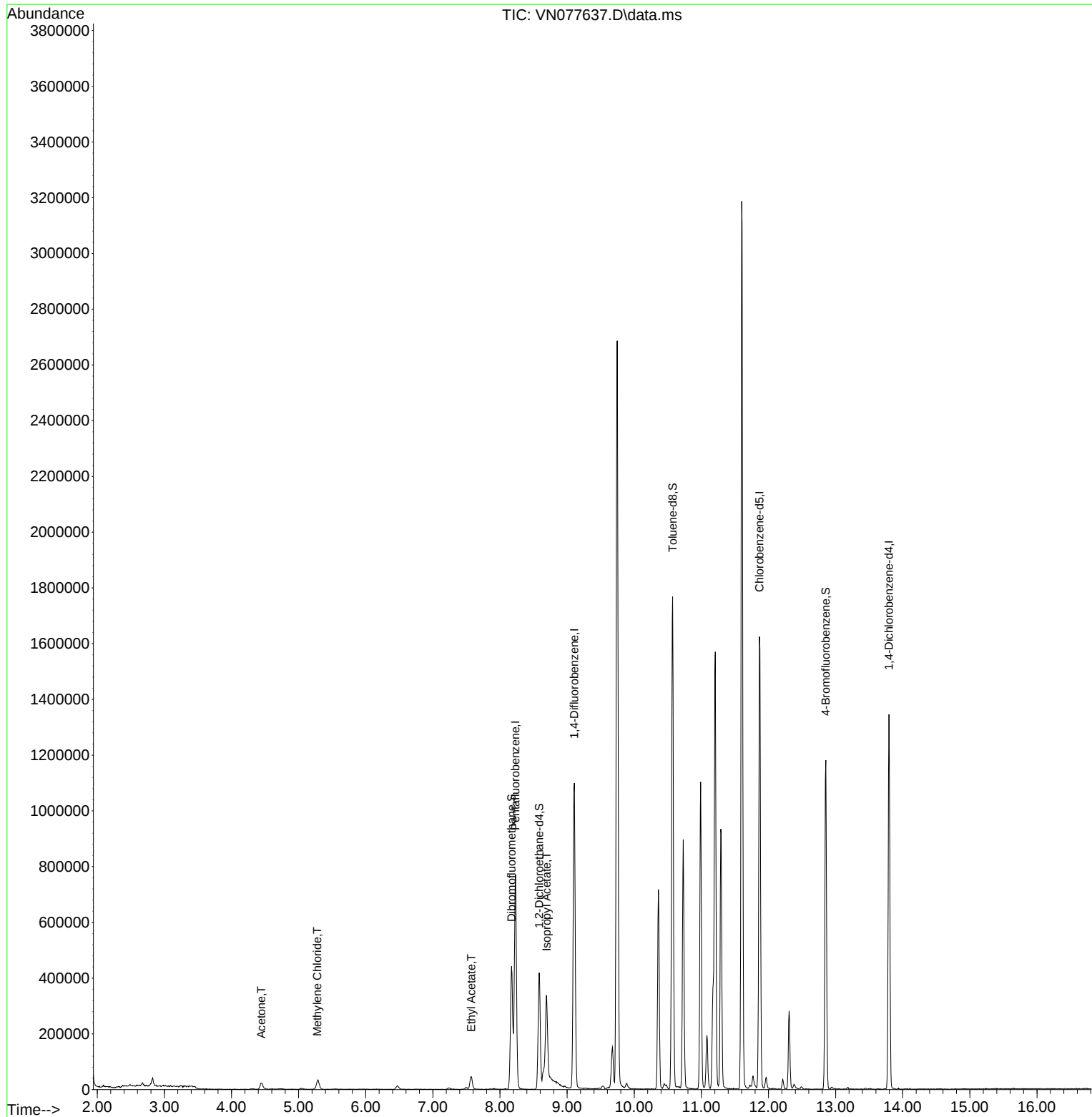
Internal Standards						
1) Pentafluorobenzene	8.230	168	555965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1046010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	1007232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	372791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	342105	48.519	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.040%
35) Dibromofluoromethane	8.172	113	316734	48.551	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.100%
50) Toluene-d8	10.571	98	1289460	52.207	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.420%
62) 4-Bromofluorobenzene	12.854	95	431197	51.617	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.240%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	41440	24.749	ug/l #	86
20) Methylene Chloride	5.278	84	28493	4.106	ug/l #	83
37) Ethyl Acetate	7.572	43	67155	13.045	ug/l	95
43) Isopropyl Acetate	8.695	43	445190	49.325	ug/l #	80

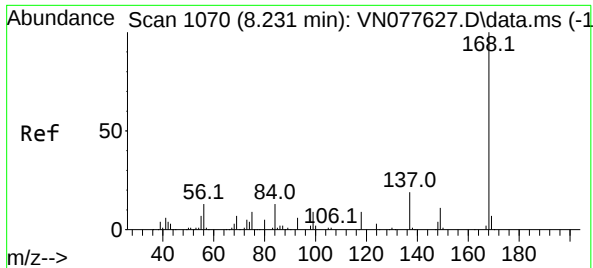
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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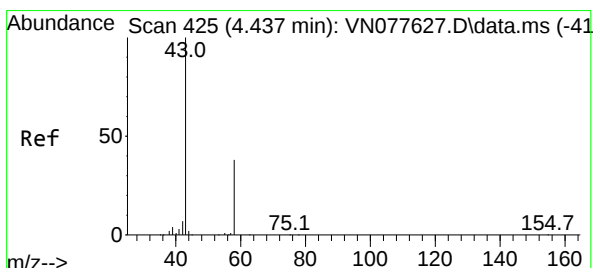
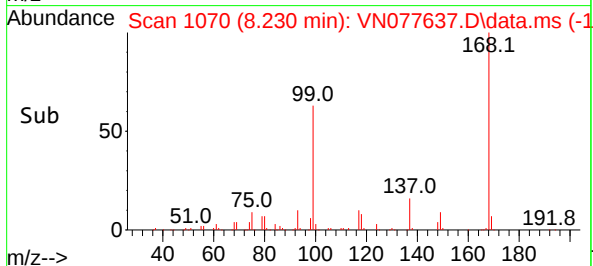
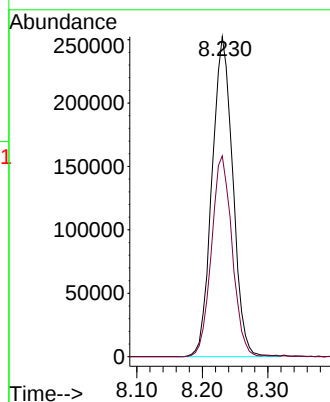
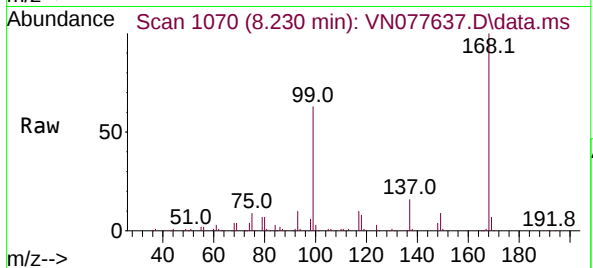




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077637.D
Acq: 09 May 2023 17:19

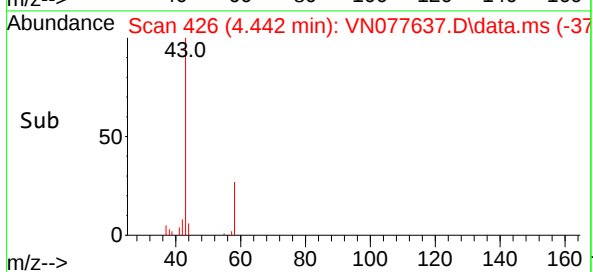
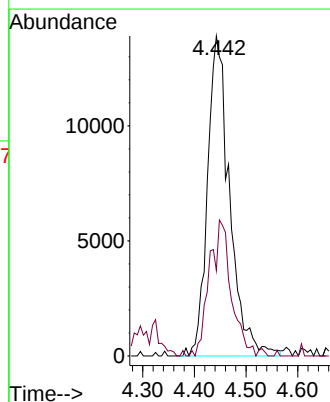
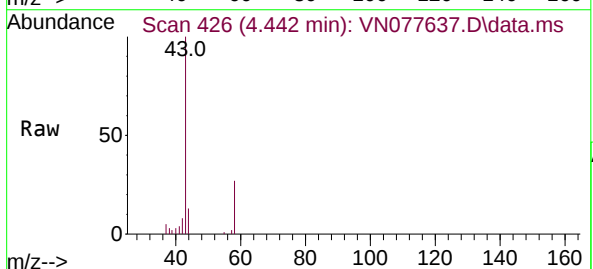
Instrument :
MSVOA_N
ClientSampleId :
PB152652ZHE#03

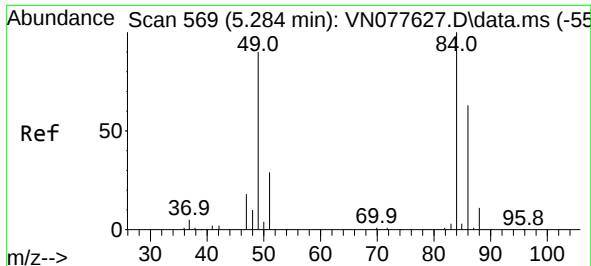
Tgt Ion:168 Resp: 555965
Ion Ratio Lower Upper
168 100
99 62.7 53.0 79.6



#16
Acetone
Concen: 24.749 ug/l
RT: 4.442 min Scan# 426
Delta R.T. 0.005 min
Lab File: VN077637.D
Acq: 09 May 2023 17:19

Tgt Ion: 43 Resp: 41440
Ion Ratio Lower Upper
43 100
58 26.8 28.0 42.0#

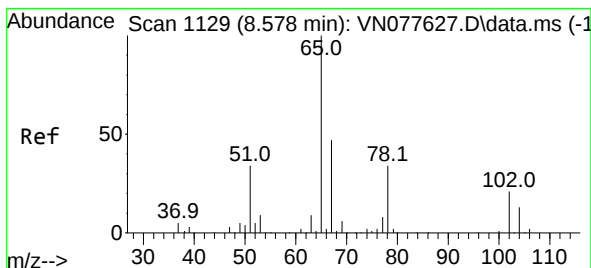
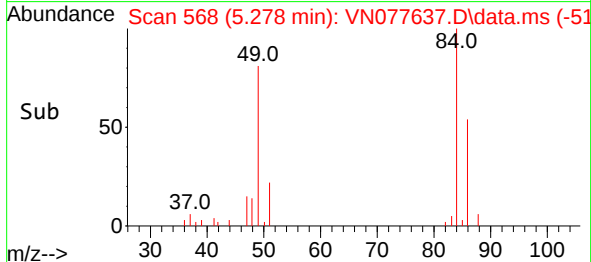
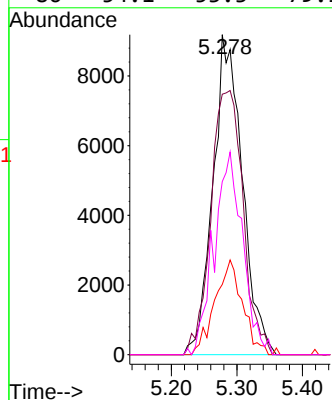
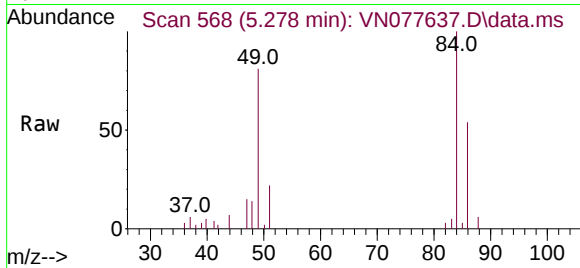




#20
Methylene Chloride
Concen: 4.106 ug/l
RT: 5.278 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN077637.D
Acq: 09 May 2023 17:19

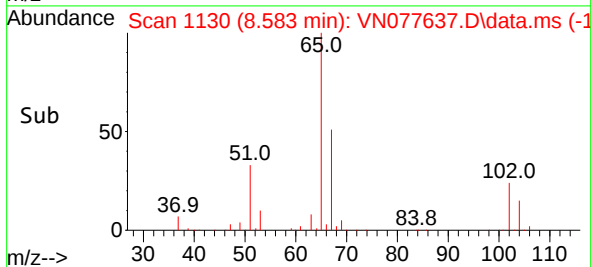
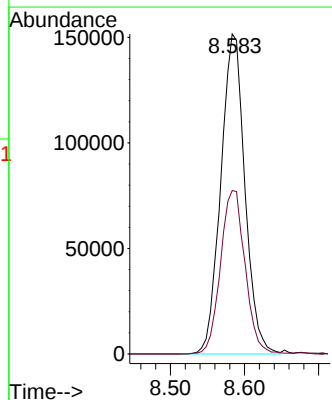
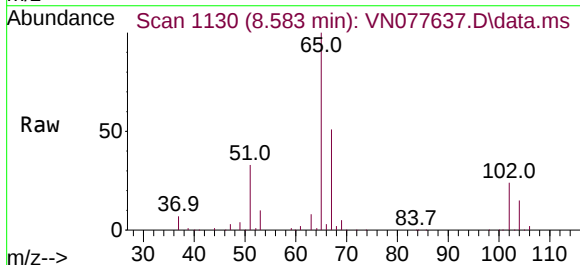
Instrument :
MSVOA_N
ClientSampleId :
PB152652ZHE#03

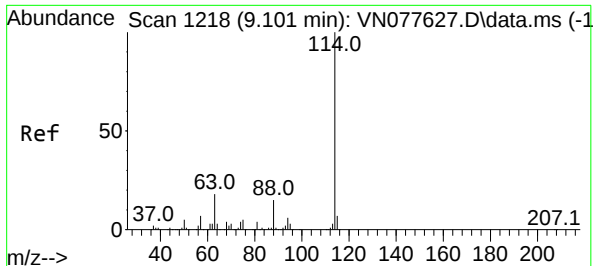
Tgt Ion:	84	Resp:	28493
Ion	Ratio	Lower	Upper
84	100		
49	81.4	79.7	119.5
51	21.9	25.2	37.8#
86	54.1	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 48.519 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.005 min
Lab File: VN077637.D
Acq: 09 May 2023 17:19

Tgt Ion:	65	Resp:	342105
Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	106.6

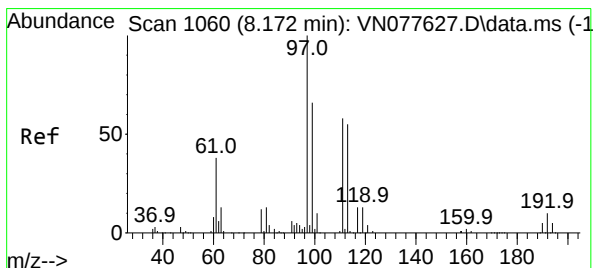
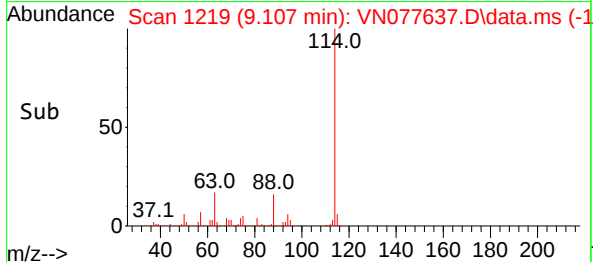
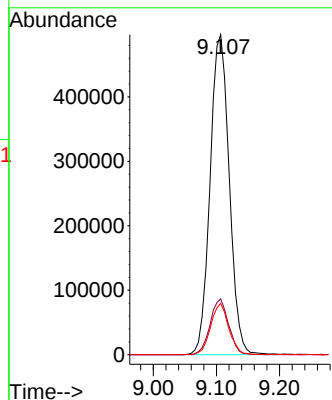
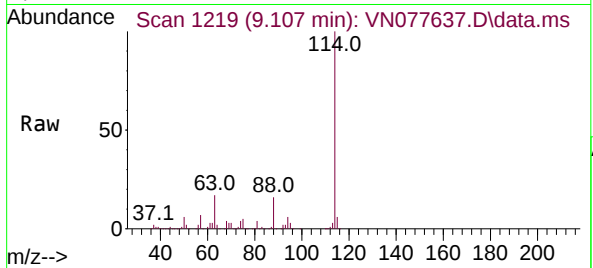




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077637.D
Acq: 09 May 2023 17:19

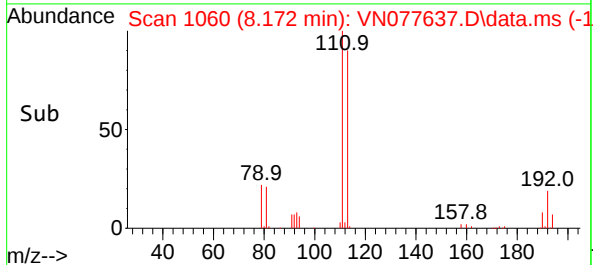
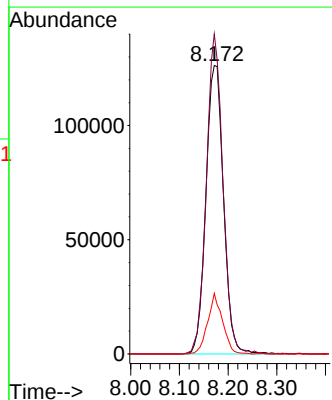
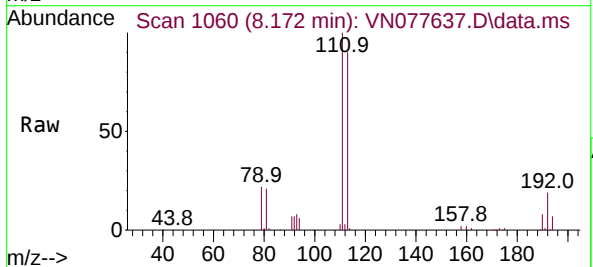
Instrument :
MSVOA_N
ClientSampleId :
PB152652ZHE#03

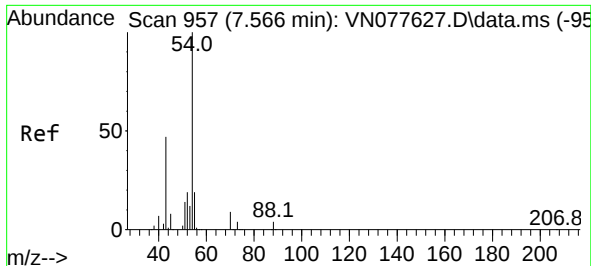
Tgt Ion:114 Resp: 1046010
Ion Ratio Lower Upper
114 100
63 17.4 0.0 36.4
88 16.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.551 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077637.D
Acq: 09 May 2023 17:19

Tgt Ion:113 Resp: 316734
Ion Ratio Lower Upper
113 100
111 104.3 82.6 123.8
192 17.8 12.7 19.1





#37

Ethyl Acetate

Concen: 13.045 ug/l

RT: 7.572 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN077637.D

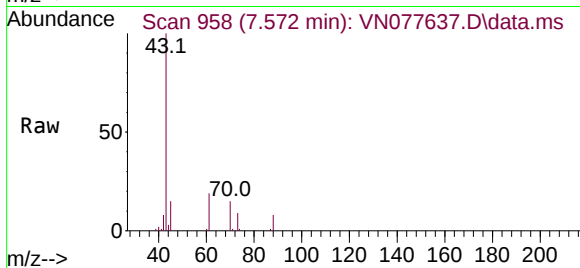
Acq: 09 May 2023 17:19

Instrument :

MSVOA_N

ClientSampleId :

PB152652ZHE#03



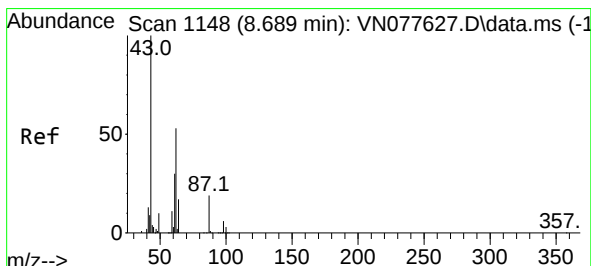
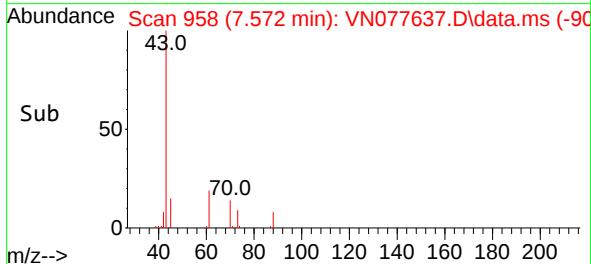
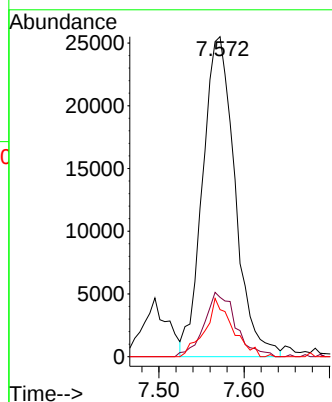
Tgt Ion: 43 Resp: 67155

Ion Ratio Lower Upper

43 100

61 19.6 13.2 19.8

70 15.3 11.3 16.9



#43

Isopropyl Acetate

Concen: 49.325 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.006 min

Lab File: VN077637.D

Acq: 09 May 2023 17:19

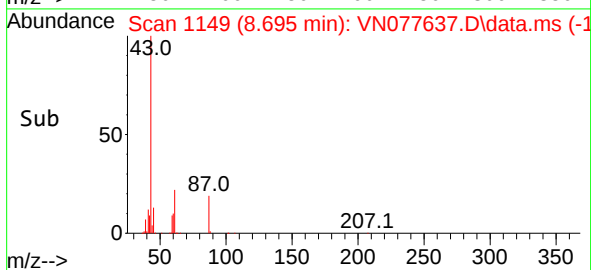
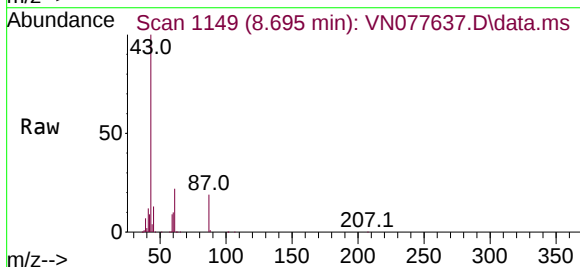
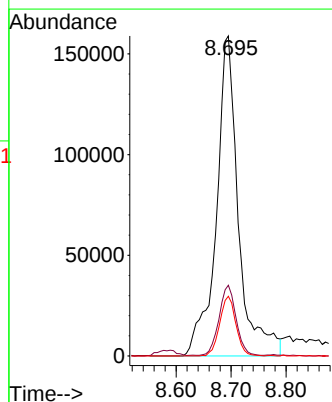
Tgt Ion: 43 Resp: 445190

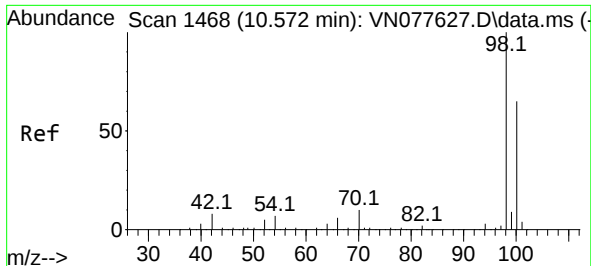
Ion Ratio Lower Upper

43 100

61 16.9 24.7 37.1#

87 13.6 14.6 21.8#

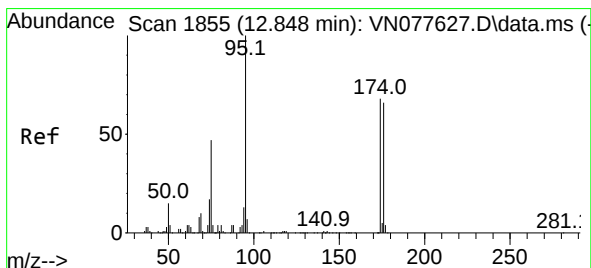
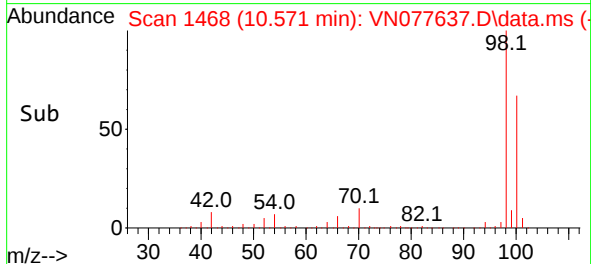
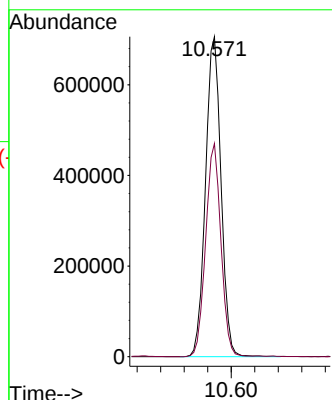
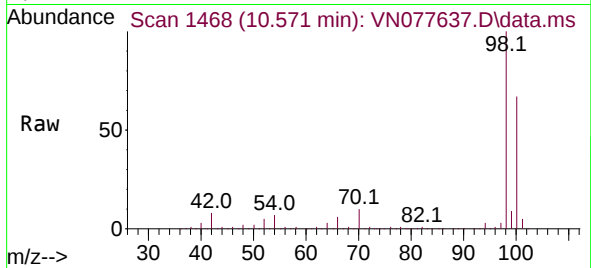




#50
Toluene-d8
Concen: 52.207 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.001 min
Lab File: VN077637.D
Acq: 09 May 2023 17:19

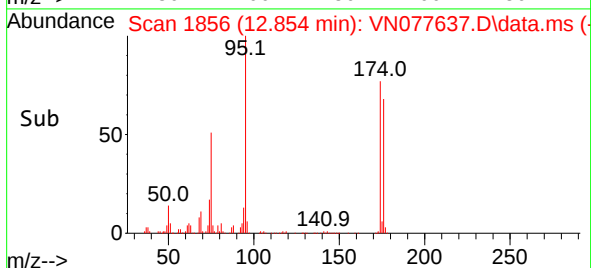
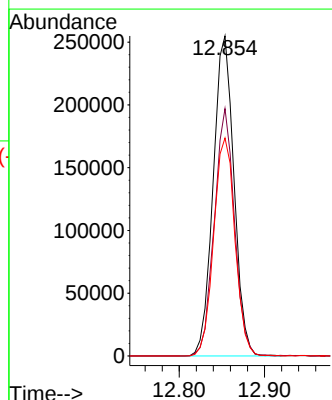
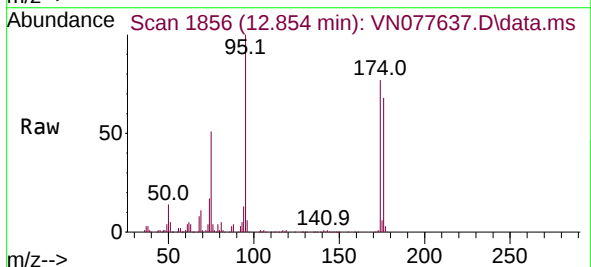
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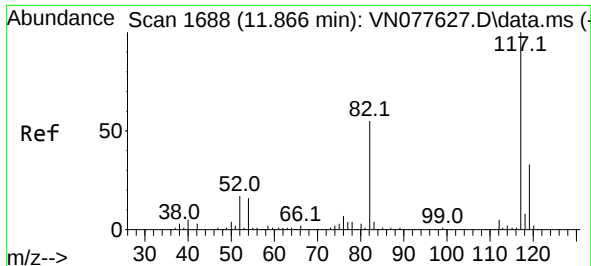
Tgt Ion: 98 Resp: 1289460
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.617 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077637.D
Acq: 09 May 2023 17:19

Tgt Ion: 95 Resp: 431197
Ion Ratio Lower Upper
95 100
174 75.2 0.0 143.8
176 69.7 0.0 135.8

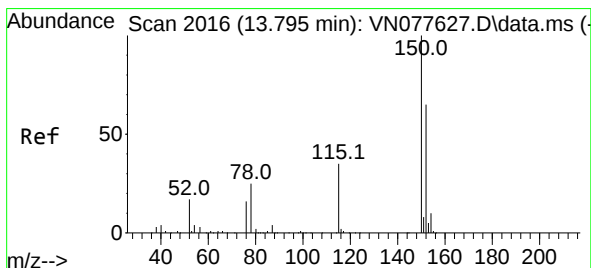
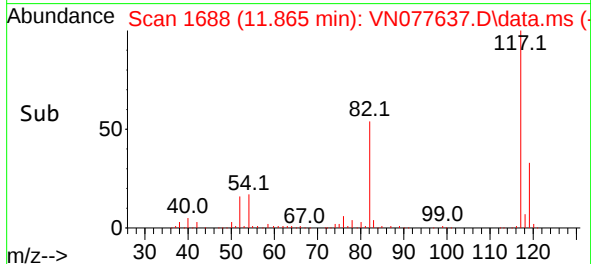
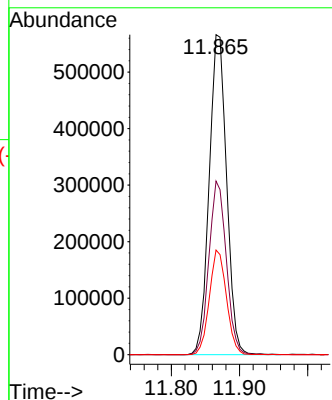
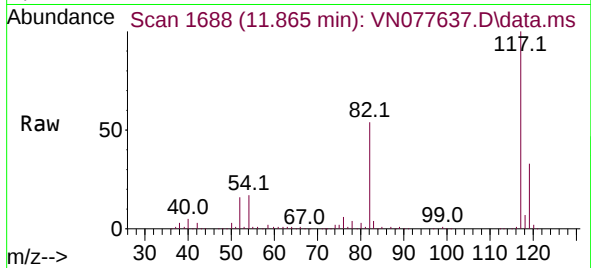




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN077637.D
Acq: 09 May 2023 17:19

Instrument :
MSVOA_N
ClientSampleId :
PB152652ZHE#03

Tgt Ion:117 Resp: 1007232
Ion Ratio Lower Upper
117 100
82 54.3 44.0 66.0
119 32.7 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: VN077637.D
Acq: 09 May 2023 17:19

Tgt Ion:152 Resp: 372791
Ion Ratio Lower Upper
152 100
115 64.0 32.3 96.8
150 157.4 0.0 355.8

