

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050923\
 Data File : VN077636.D
 Acq On : 09 May 2023 16:55
 Operator : JC\MD
 Sample : PB152652ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152652ZHE#02

Quant Time: May 10 04:47:32 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)

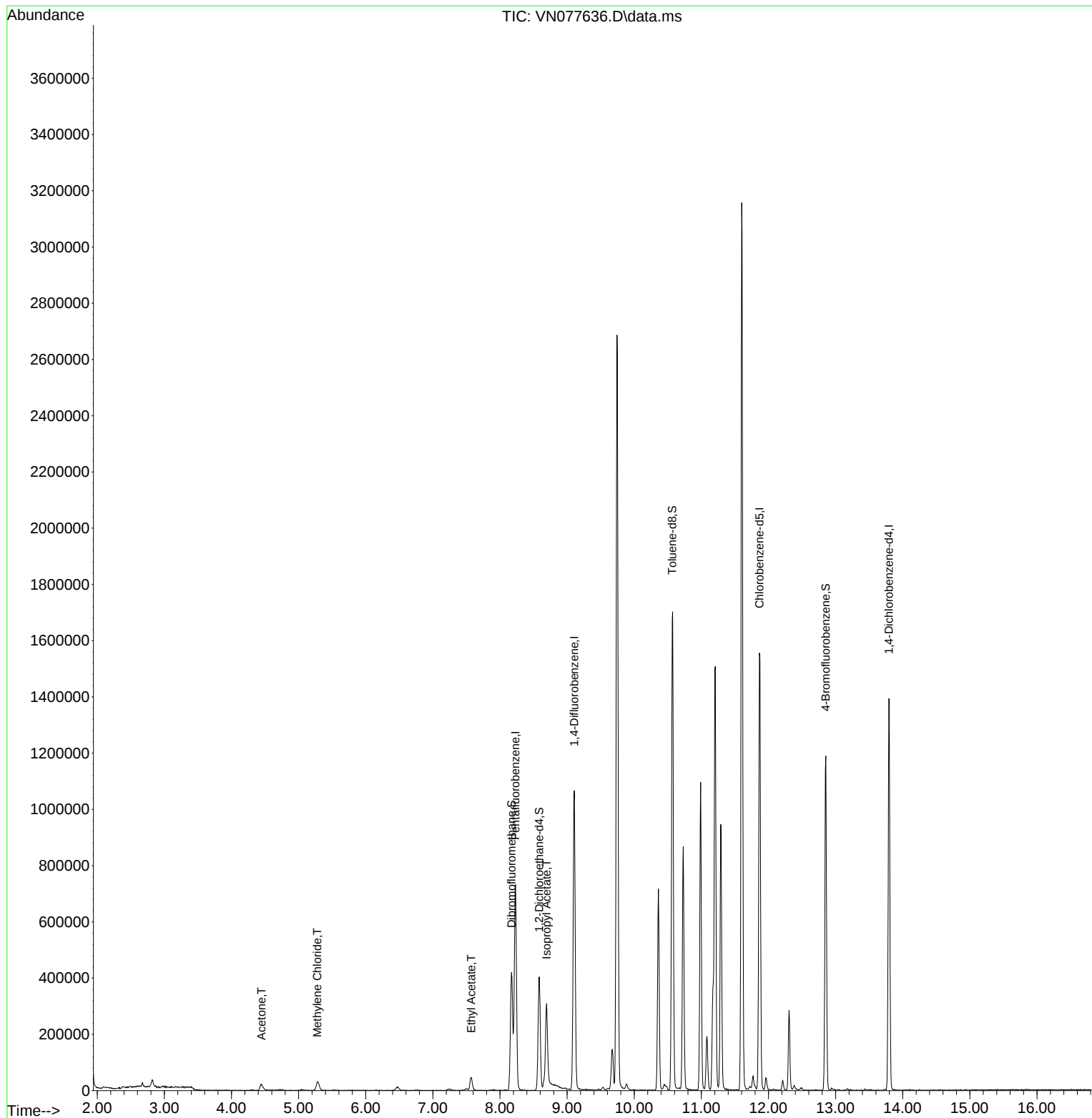
Internal Standards						
1) Pentafluorobenzene	8.230	168	547420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	993651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	997721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	374319	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	336827	48.516	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.040%
35) Dibromofluoromethane	8.172	113	309778	49.987	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.980%
50) Toluene-d8	10.566	98	1237850	52.758	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.520%
62) 4-Bromofluorobenzene	12.854	95	430411	54.238	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.480%
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	40524	24.580	ug/l	96
20) Methylene Chloride	5.278	84	26829	3.927	ug/l #	88
37) Ethyl Acetate	7.572	43	63844	13.056	ug/l #	92
43) Isopropyl Acetate	8.695	43	360339	42.027	ug/l #	86

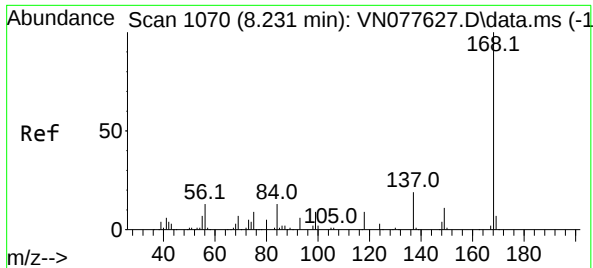
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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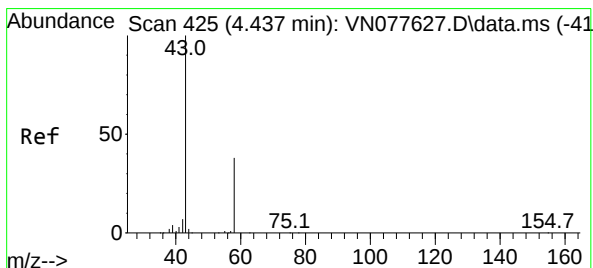
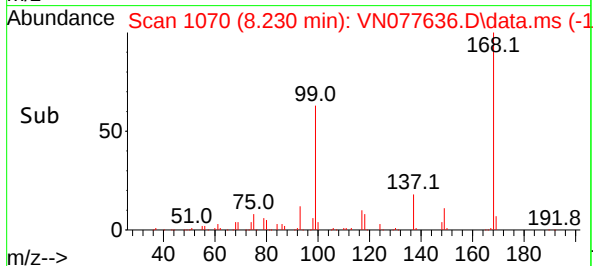
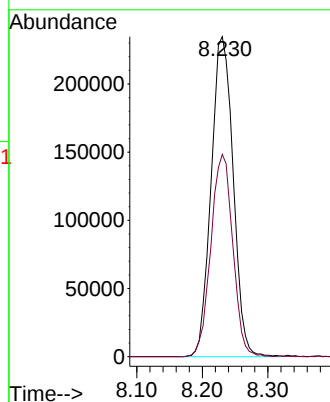
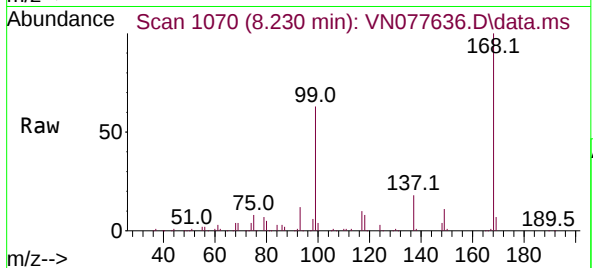




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077636.D
Acq: 09 May 2023 16:55

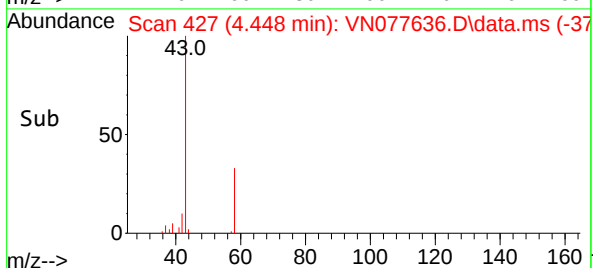
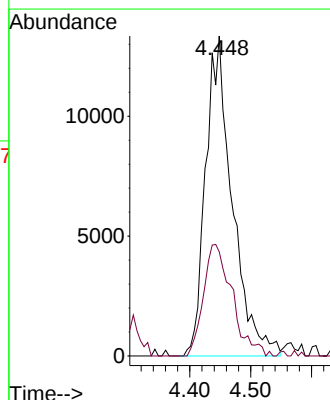
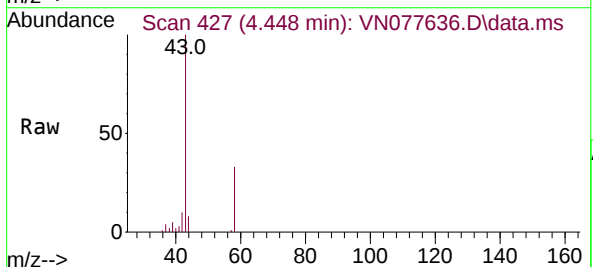
Instrument :
MSVOA_N
ClientSampleId :
PB152652ZHE#02

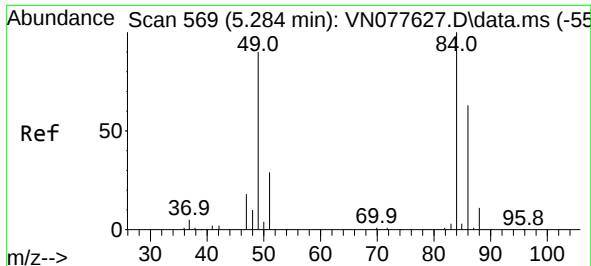
Tgt Ion:168 Resp: 547420
Ion Ratio Lower Upper
168 100
99 63.2 53.0 79.6



#16
Acetone
Concen: 24.580 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.011 min
Lab File: VN077636.D
Acq: 09 May 2023 16:55

Tgt Ion: 43 Resp: 40524
Ion Ratio Lower Upper
43 100
58 32.6 28.0 42.0

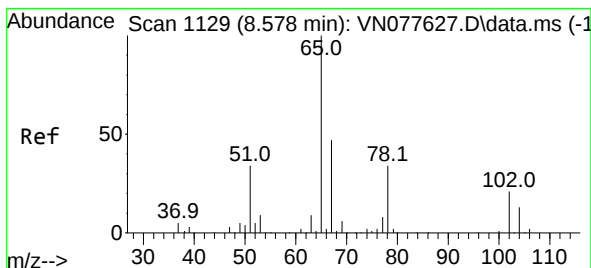
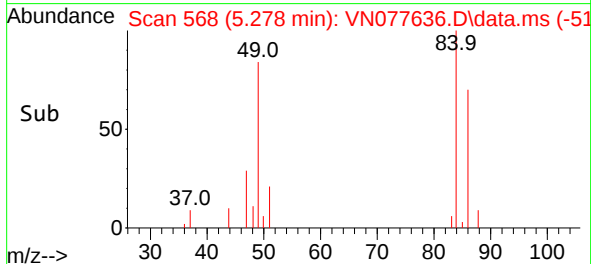
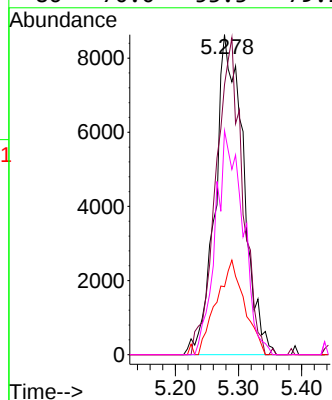
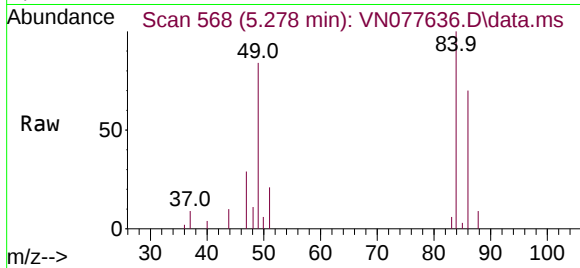




#20
Methylene Chloride
Concen: 3.927 ug/l
RT: 5.278 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN077636.D
Acq: 09 May 2023 16:55

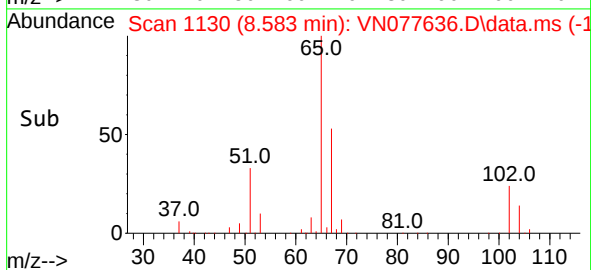
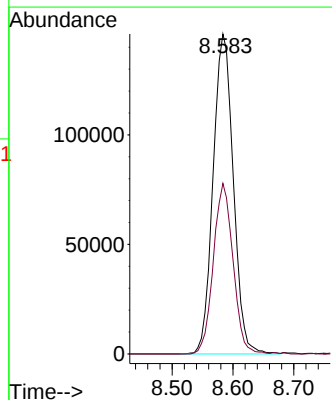
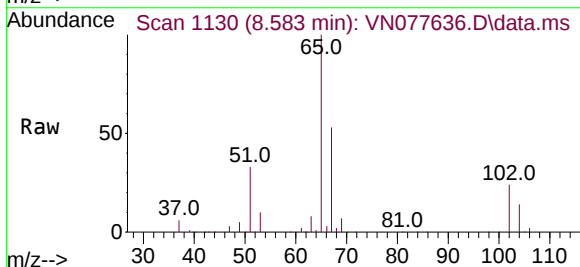
Instrument :
MSVOA_N
ClientSampleId :
PB152652ZHE#02

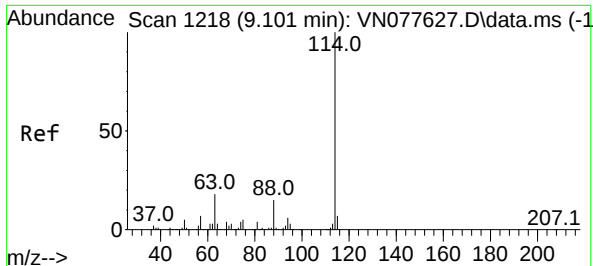
Tgt Ion: 84	Resp: 26829
Ion Ratio	Lower Upper
84 100	
49 84.4	79.7 119.5
51 21.2	25.2 37.8#
86 70.0	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 48.516 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.005 min
Lab File: VN077636.D
Acq: 09 May 2023 16:55

Tgt Ion: 65	Resp: 336827
Ion Ratio	Lower Upper
65 100	
67 51.9	0.0 106.6

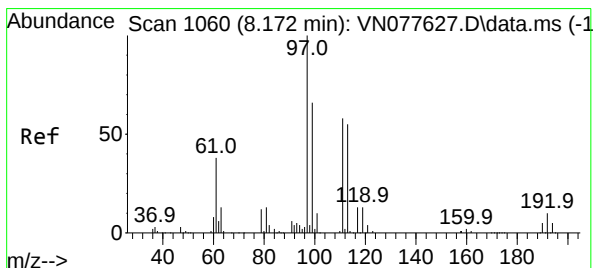
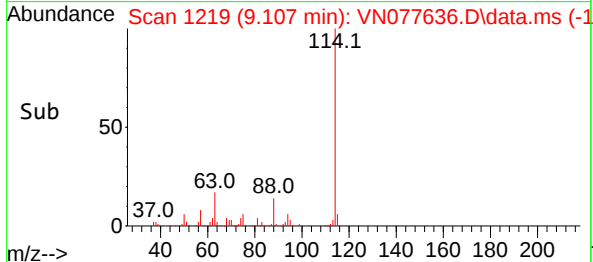
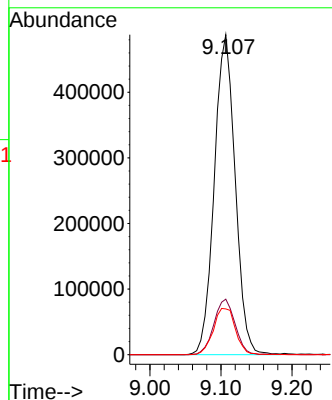
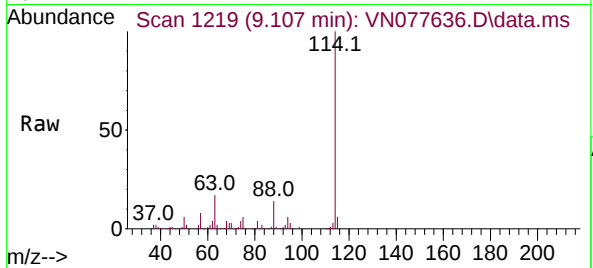




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077636.D
Acq: 09 May 2023 16:55

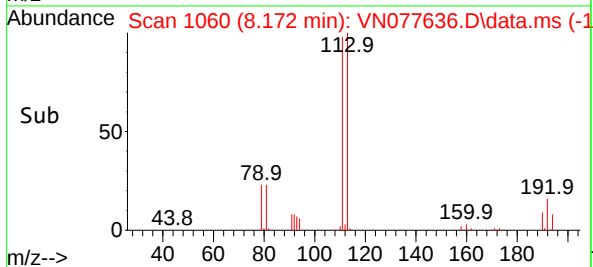
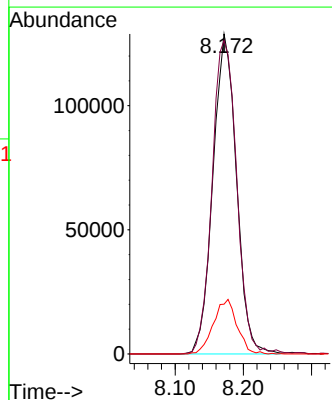
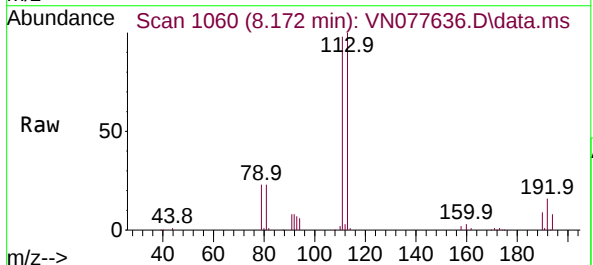
Instrument :
MSVOA_N
ClientSampleId :
PB152652ZHE#02

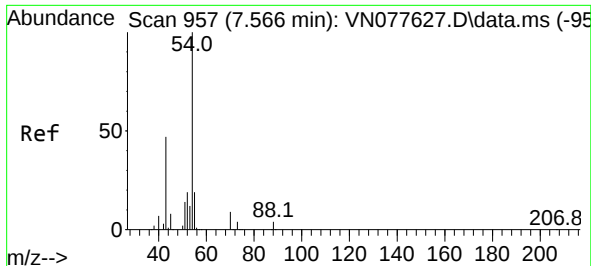
Tgt Ion:114 Resp: 993651
Ion Ratio Lower Upper
114 100
63 17.4 0.0 36.4
88 14.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.987 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077636.D
Acq: 09 May 2023 16:55

Tgt Ion:113 Resp: 309778
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 17.1 12.7 19.1

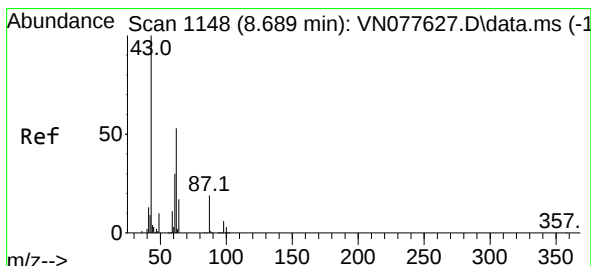
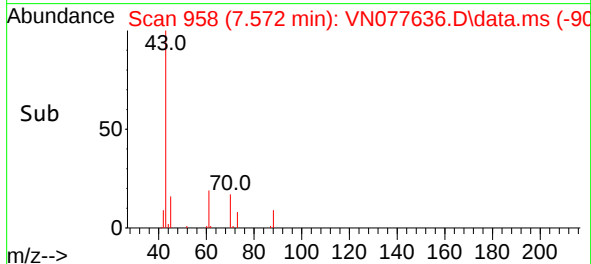
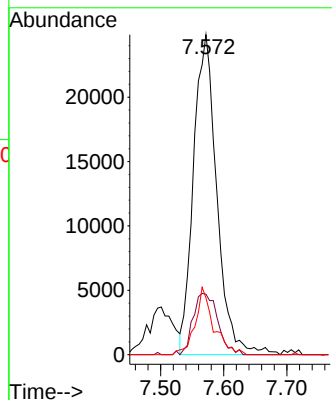
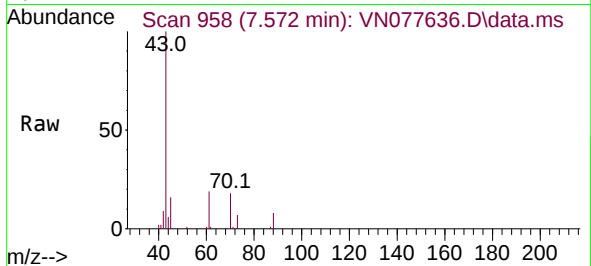




#37
Ethyl Acetate
Concen: 13.056 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077636.D
Acq: 09 May 2023 16:55

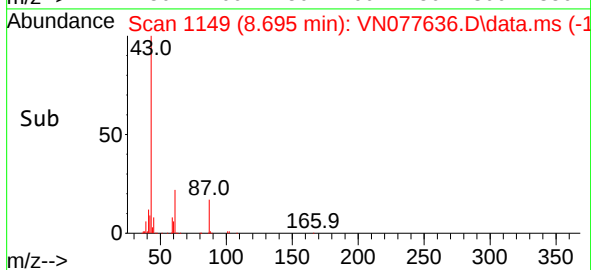
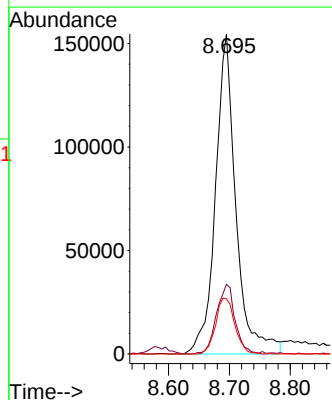
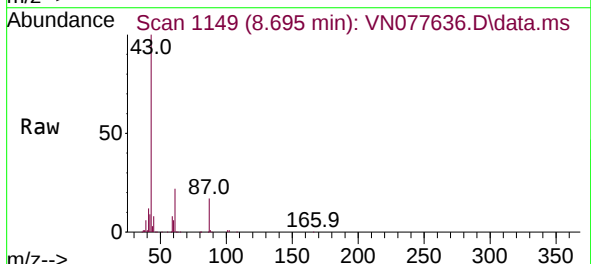
Instrument :
MSVOA_N
ClientSampleId :
PB152652ZHE#02

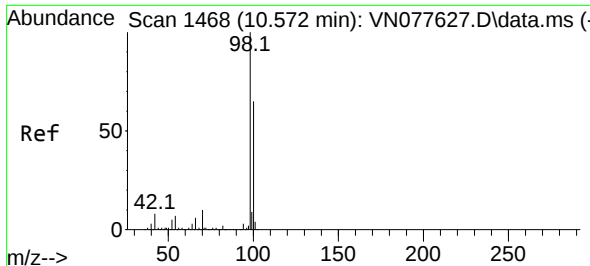
Tgt Ion: 43 Resp: 63844
Ion Ratio Lower Upper
43 100
61 20.3 13.2 19.8#
70 16.6 11.3 16.9



#43
Isopropyl Acetate
Concen: 42.027 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.006 min
Lab File: VN077636.D
Acq: 09 May 2023 16:55

Tgt Ion: 43 Resp: 360339
Ion Ratio Lower Upper
43 100
61 19.7 24.7 37.1#
87 16.4 14.6 21.8

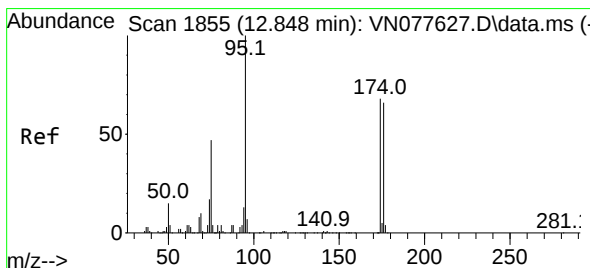
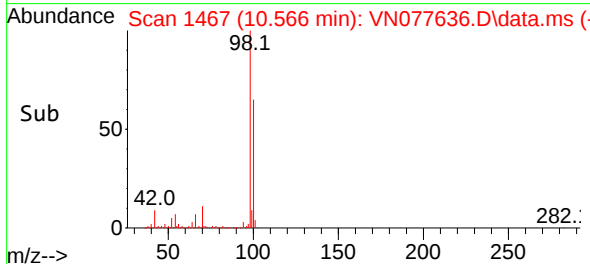
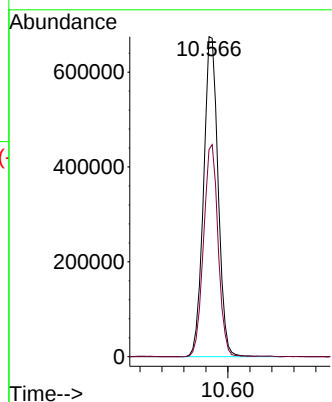
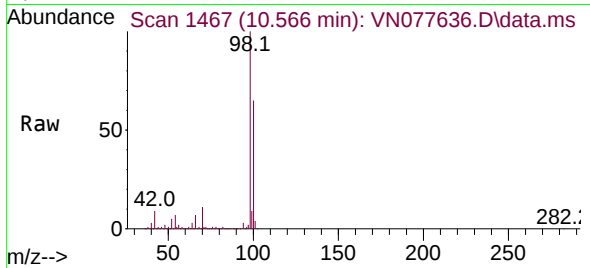




#50
Toluene-d8
Concen: 52.758 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.006 min
Lab File: VN077636.D
Acq: 09 May 2023 16:55

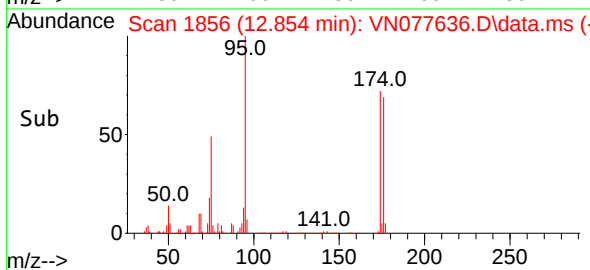
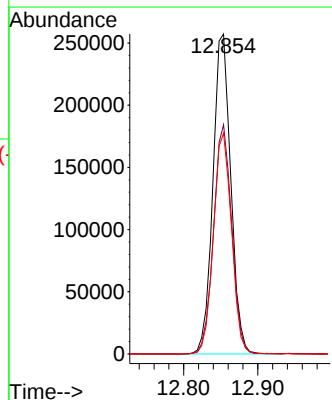
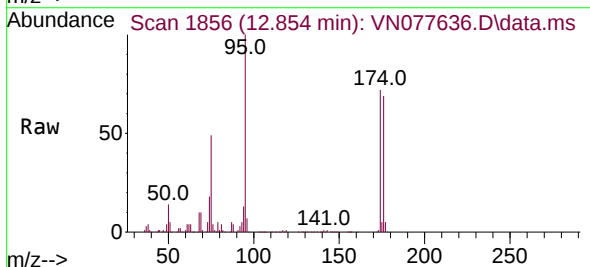
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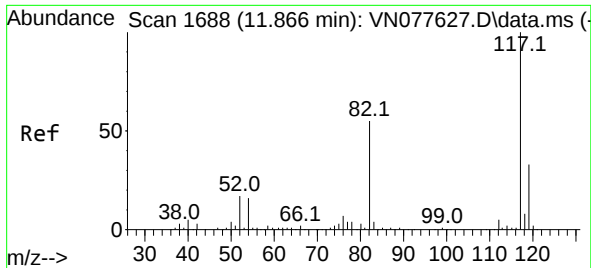
Tgt Ion: 98 Resp: 1237850
Ion Ratio Lower Upper
98 100
100 66.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 54.238 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077636.D
Acq: 09 May 2023 16:55

Tgt Ion: 95 Resp: 430411
Ion Ratio Lower Upper
95 100
174 72.8 0.0 143.8
176 69.7 0.0 135.8

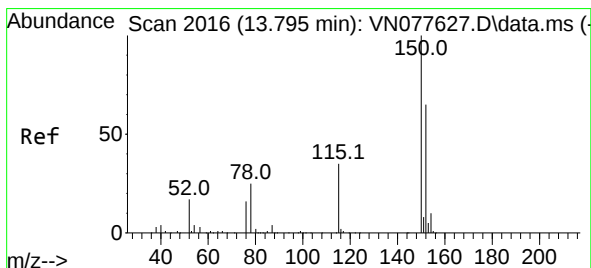
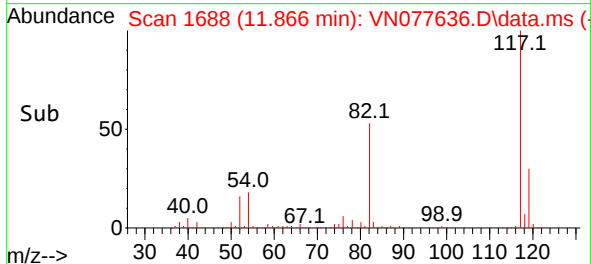
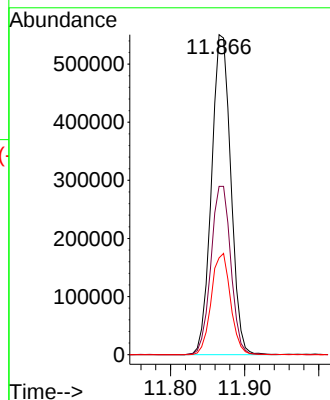
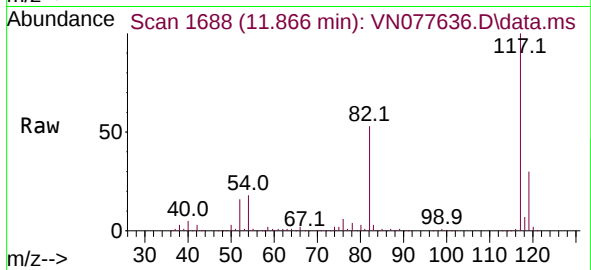




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077636.D
Acq: 09 May 2023 16:55

Instrument :
MSVOA_N
ClientSampleId :
PB152652ZHE#02

Tgt Ion:117 Resp: 997721
Ion Ratio Lower Upper
117 100
82 52.6 44.0 66.0
119 30.3 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: VN077636.D
Acq: 09 May 2023 16:55

Tgt Ion:152 Resp: 374319
Ion Ratio Lower Upper
152 100
115 63.0 32.3 96.8
150 158.9 0.0 355.8

