

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050923\
 Data File : VN077638.D
 Acq On : 09 May 2023 17:43
 Operator : JC\MD
 Sample : PB152652ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152652ZHE#04

Quant Time: May 10 04:48:34 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)

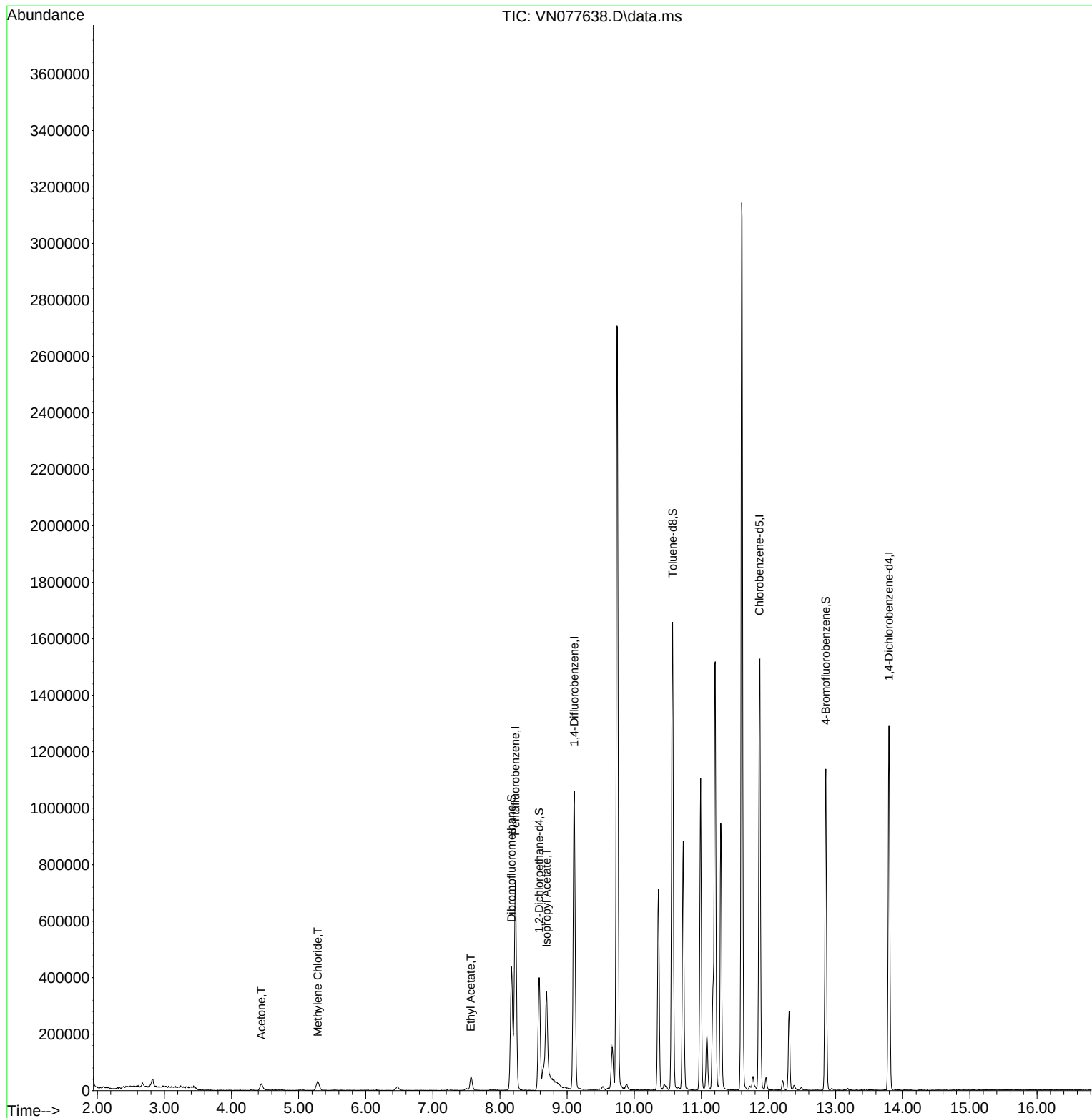
Internal Standards						
1) Pentafluorobenzene	8.231	168	549431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	983083	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	985878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	353274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	336795	48.334	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.660%
35) Dibromofluoromethane	8.172	113	311852	50.863	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.720%
50) Toluene-d8	10.572	98	1234076	53.163	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.320%
62) 4-Bromofluorobenzene	12.854	95	414068	52.739	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.480%
Target Compounds						
					Qvalue	
16) Acetone	4.443	43	43165	26.086	ug/l #	87
20) Methylene Chloride	5.284	84	28947	4.221	ug/l	93
37) Ethyl Acetate	7.566	43	64528	13.337	ug/l #	94
43) Isopropyl Acetate	8.695	43	468205	55.195	ug/l #	78

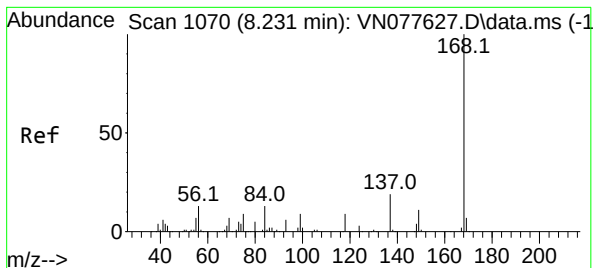
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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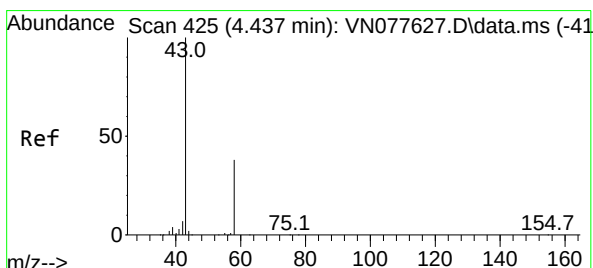
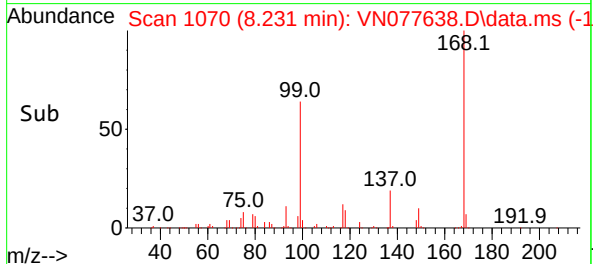
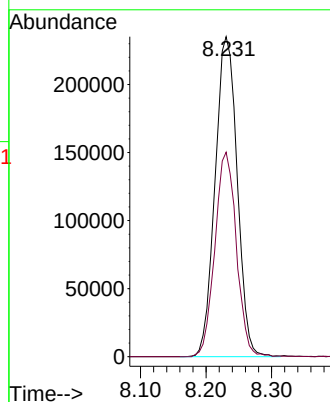
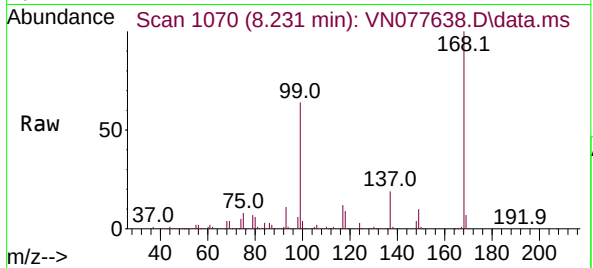




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077638.D
Acq: 09 May 2023 17:43

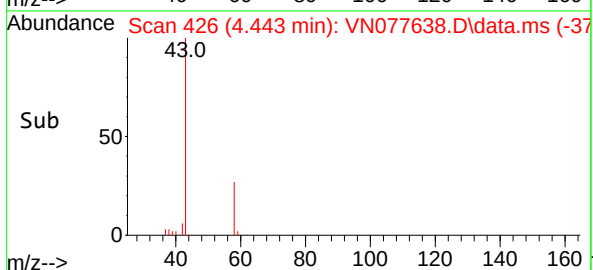
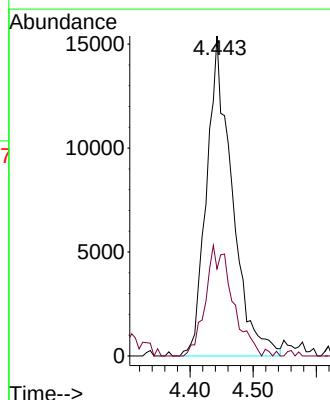
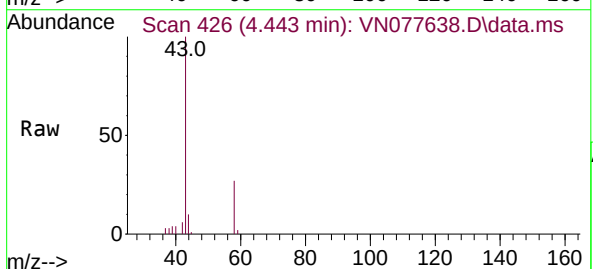
Instrument :
MSVOA_N
ClientSampleId :
PB152652ZHE#04

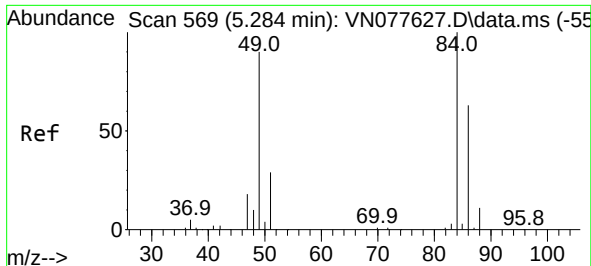
Tgt Ion:168 Resp: 549431
Ion Ratio Lower Upper
168 100
99 63.9 53.0 79.6



#16
Acetone
Concen: 26.086 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN077638.D
Acq: 09 May 2023 17:43

Tgt Ion: 43 Resp: 43165
Ion Ratio Lower Upper
43 100
58 27.2 28.0 42.0#

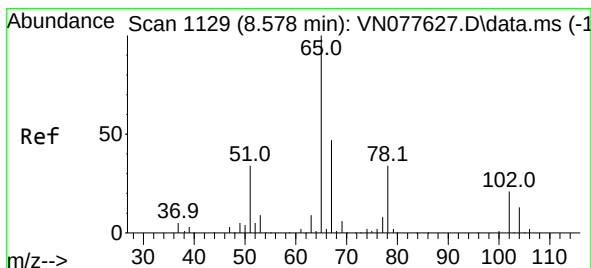
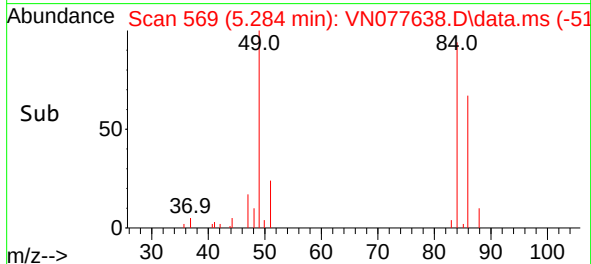
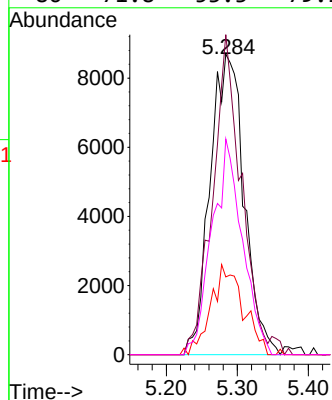
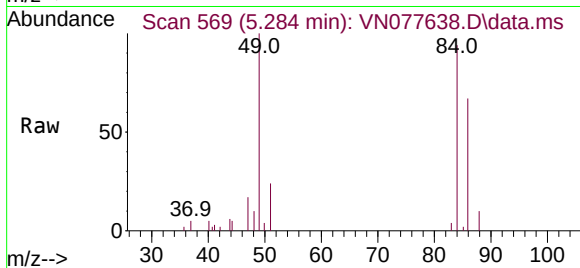




#20
Methylene Chloride
Concen: 4.221 ug/l
RT: 5.284 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077638.D
Acq: 09 May 2023 17:43

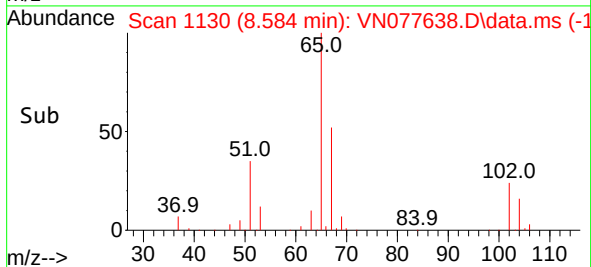
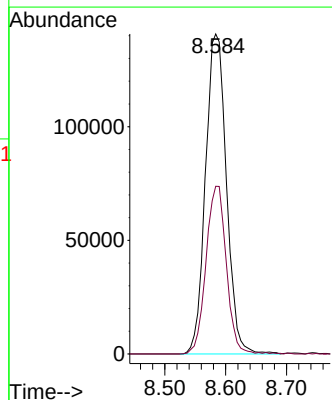
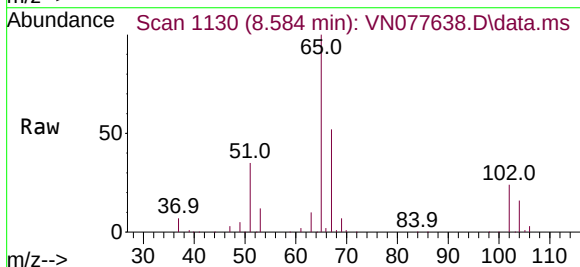
Instrument :
MSVOA_N
ClientSampleId :
PB152652ZHE#04

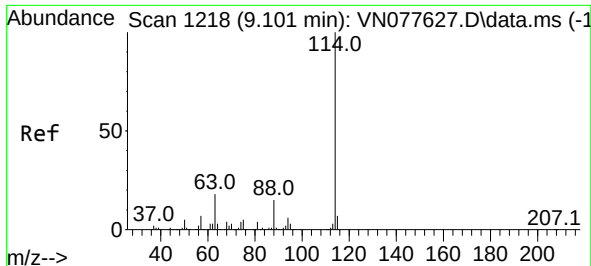
Tgt Ion:	84	Resp:	28947
Ion	Ratio	Lower	Upper
84	100		
49	106.5	79.7	119.5
51	25.9	25.2	37.8
86	71.8	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 48.334 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN077638.D
Acq: 09 May 2023 17:43

Tgt Ion:	65	Resp:	336795
Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	106.6

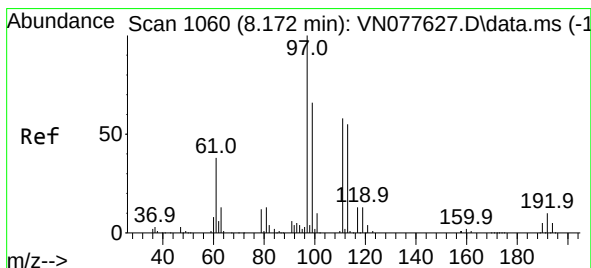
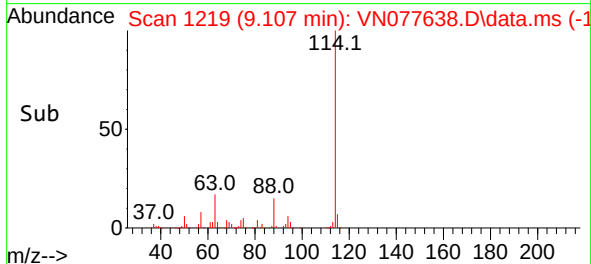
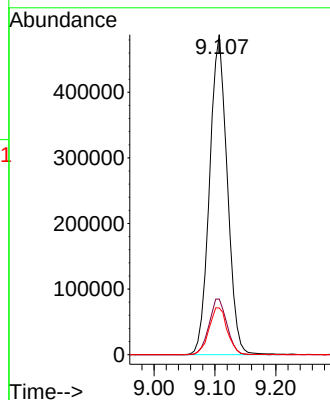
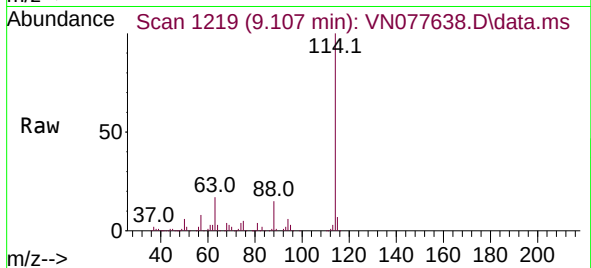




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077638.D
Acq: 09 May 2023 17:43

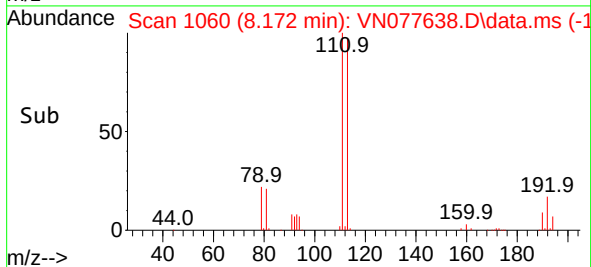
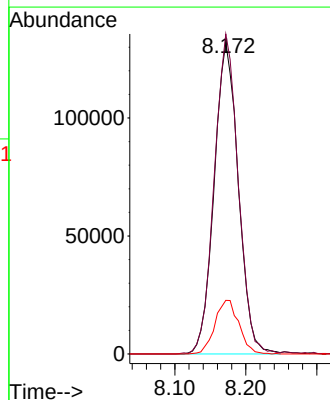
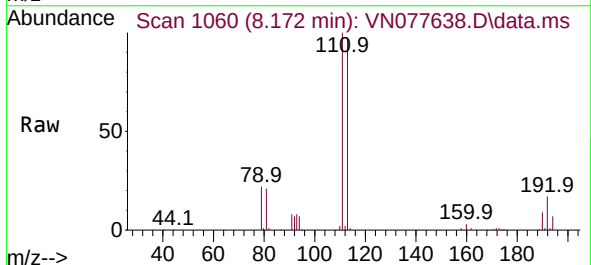
Instrument :
MSVOA_N
ClientSampleId :
PB152652ZHE#04

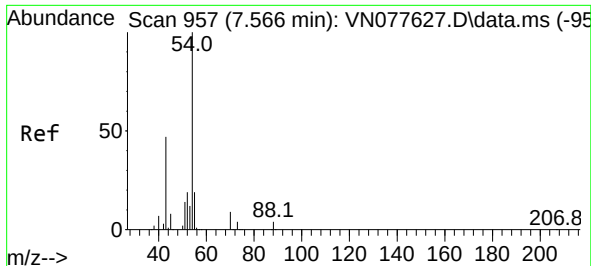
Tgt Ion:114 Resp: 983083
Ion Ratio Lower Upper
114 100
63 17.4 0.0 36.4
88 14.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.863 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077638.D
Acq: 09 May 2023 17:43

Tgt Ion:113 Resp: 311852
Ion Ratio Lower Upper
113 100
111 101.9 82.6 123.8
192 17.1 12.7 19.1

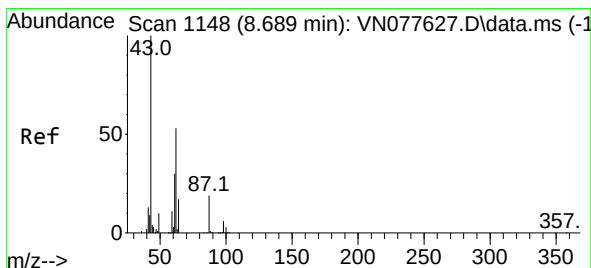
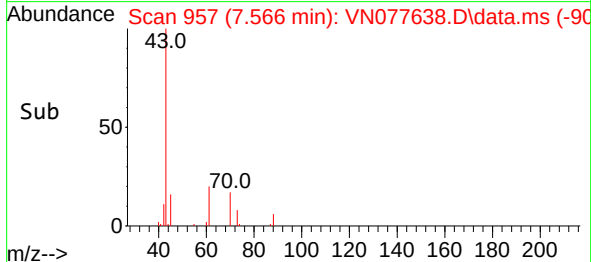
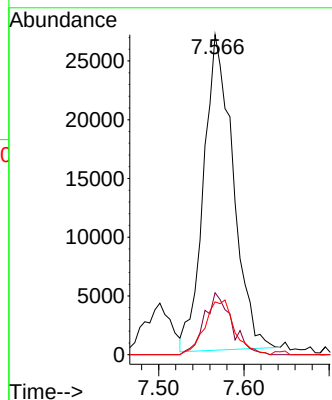
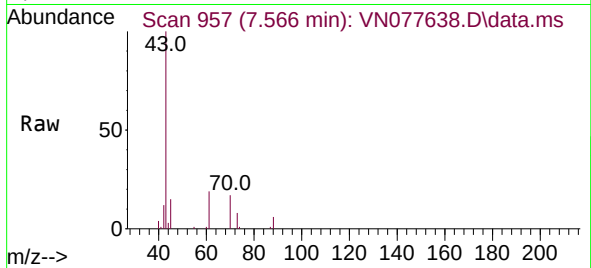




#37
Ethyl Acetate
Concen: 13.337 ug/l
RT: 7.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN077638.D
Acq: 09 May 2023 17:43

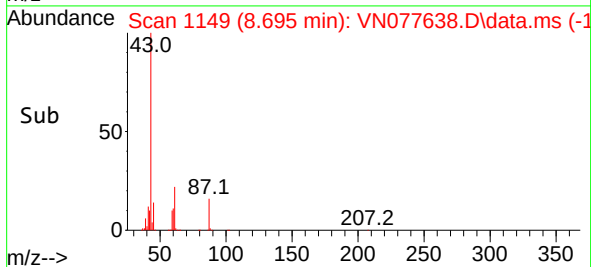
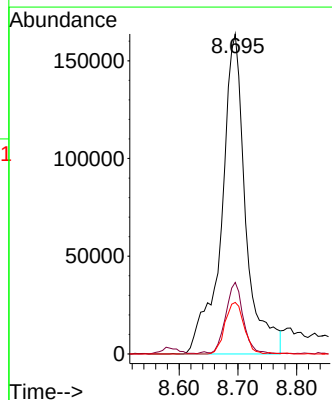
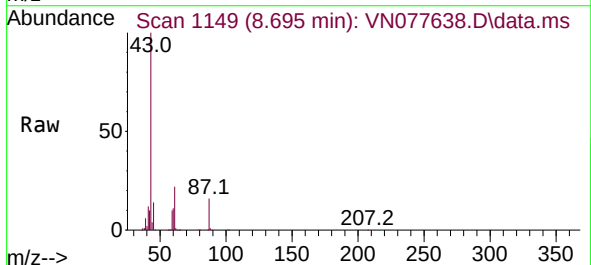
Instrument :
MSVOA_N
ClientSampleId :
PB152652ZHE#04

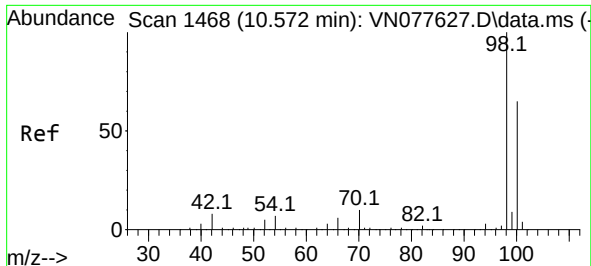
Tgt Ion: 43 Resp: 64528
Ion Ratio Lower Upper
43 100
61 18.4 13.2 19.8
70 17.3 11.3 16.9#



#43
Isopropyl Acetate
Concen: 55.195 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.006 min
Lab File: VN077638.D
Acq: 09 May 2023 17:43

Tgt Ion: 43 Resp: 468205
Ion Ratio Lower Upper
43 100
61 16.1 24.7 37.1#
87 12.7 14.6 21.8#

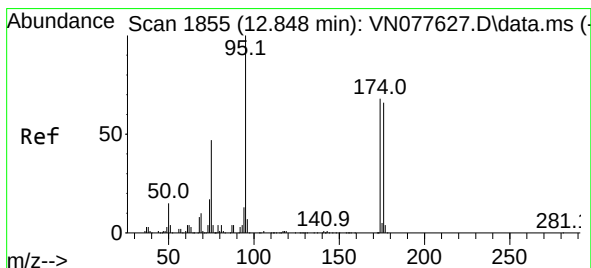
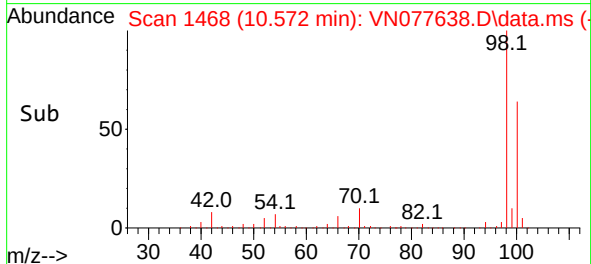
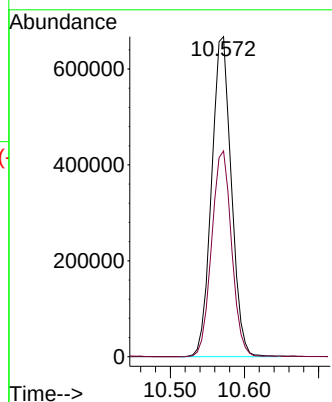
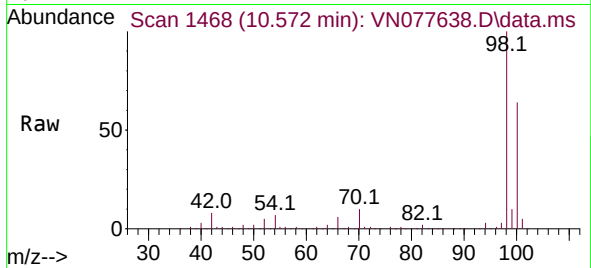




#50
Toluene-d8
Concen: 53.163 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077638.D
Acq: 09 May 2023 17:43

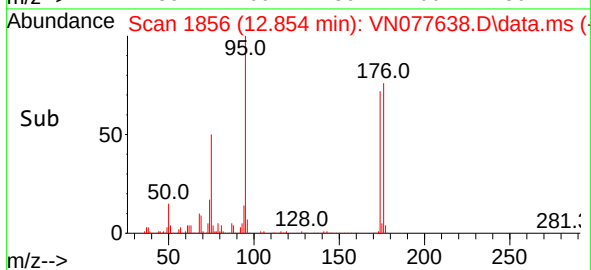
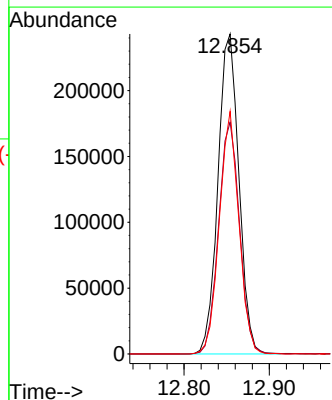
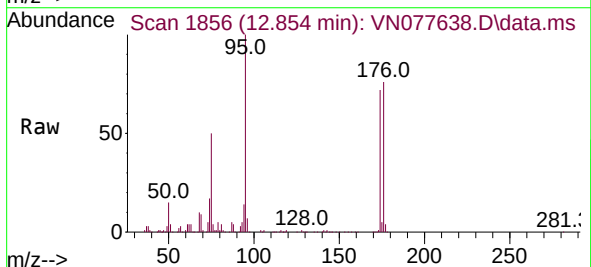
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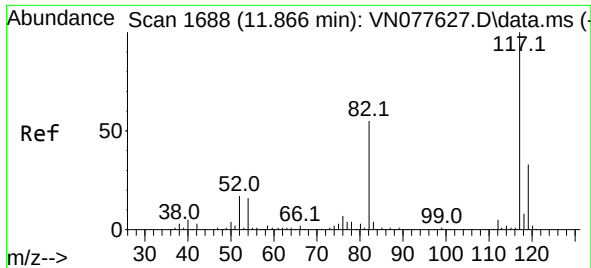
Tgt Ion: 98 Resp: 1234076
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.739 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077638.D
Acq: 09 May 2023 17:43

Tgt Ion: 95 Resp: 414068
Ion Ratio Lower Upper
95 100
174 72.6 0.0 143.8
176 70.9 0.0 135.8

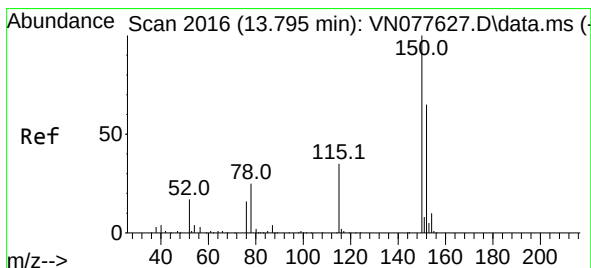
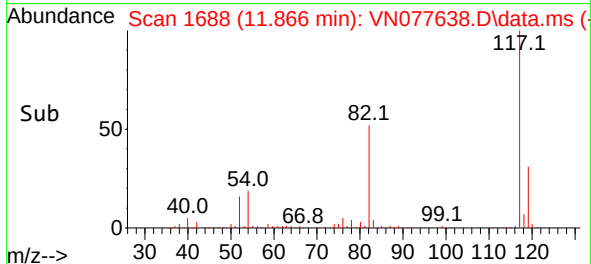
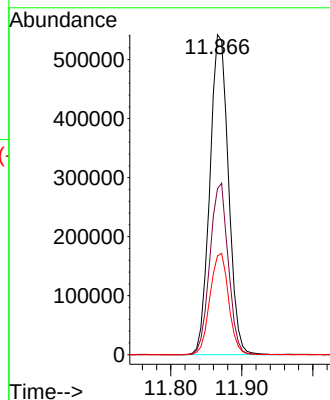
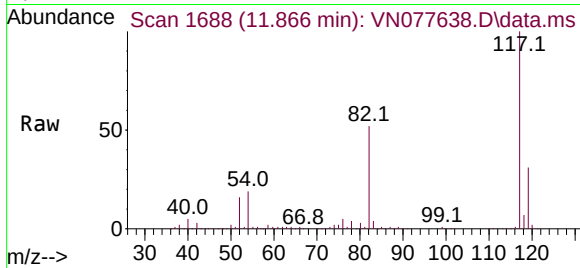




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077638.D
Acq: 09 May 2023 17:43

Instrument :
MSVOA_N
ClientSampleId :
PB152652ZHE#04

Tgt Ion:117 Resp: 985878
Ion Ratio Lower Upper
117 100
82 51.9 44.0 66.0
119 30.9 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: VN077638.D
Acq: 09 May 2023 17:43

Tgt Ion:152 Resp: 353274
Ion Ratio Lower Upper
152 100
115 64.4 32.3 96.8
150 157.2 0.0 355.8

