

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050923\
 Data File : VN077640.D
 Acq On : 09 May 2023 18:32
 Operator : JC\MD
 Sample : PB152652ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152652ZHE#06

Quant Time: May 10 04:49:36 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)

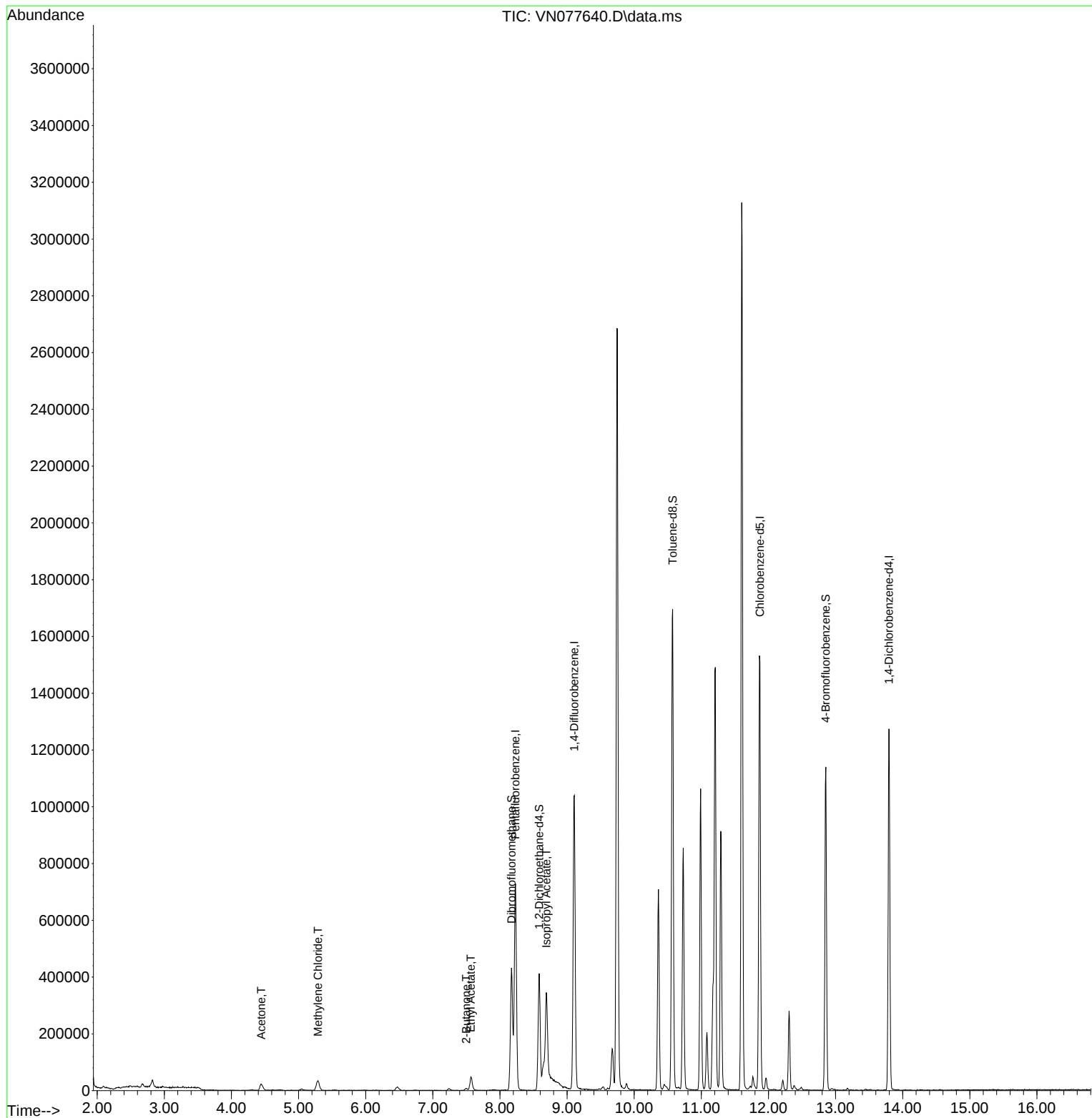
Internal Standards						
1) Pentafluorobenzene	8.231	168	545939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	977923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	982721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	353518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	335067	48.394	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.780%		
35) Dibromofluoromethane	8.172	113	303580	49.775	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.540%		
50) Toluene-d8	10.572	98	1255948	54.391	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	108.780%		
62) 4-Bromofluorobenzene	12.854	95	413972	53.005	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.020%		
Target Compounds						
					Qvalue	
16) Acetone	4.443	43	41517	25.251	ug/l	99
20) Methylene Chloride	5.290	84	30491	4.475	ug/l #	91
25) 2-Butanone	7.496	43	9891	4.116	ug/l	93
37) Ethyl Acetate	7.566	43	67592	14.044	ug/l	97
43) Isopropyl Acetate	8.690	43	460186	54.536	ug/l #	78

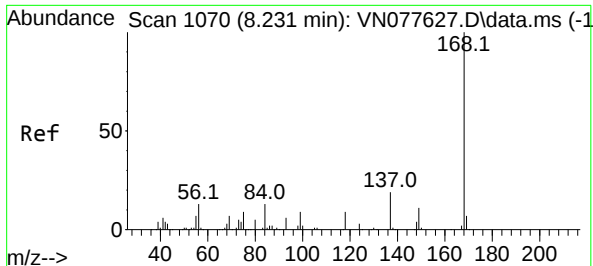
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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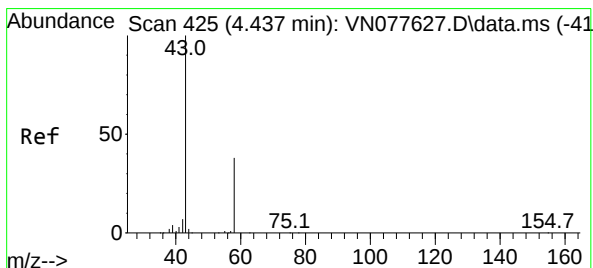
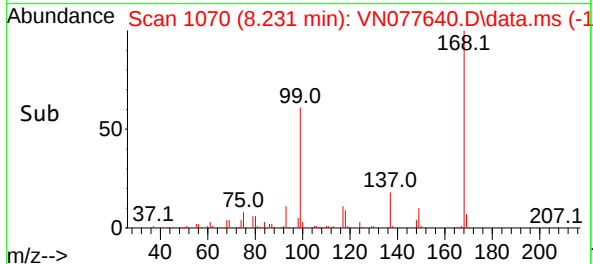
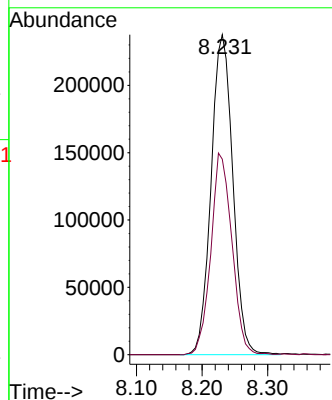
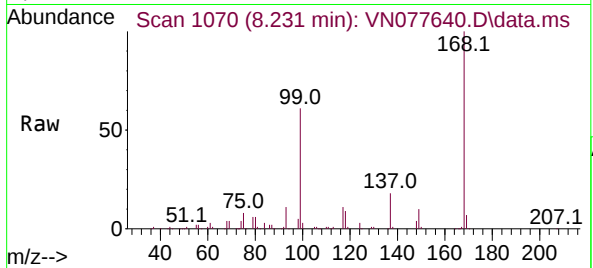




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077640.D
Acq: 09 May 2023 18:32

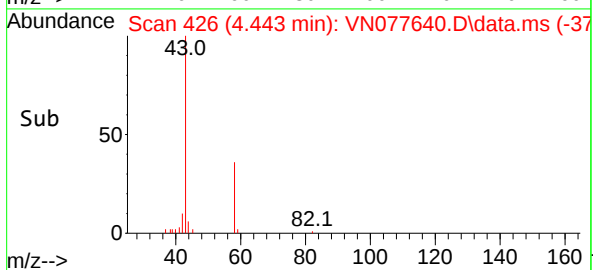
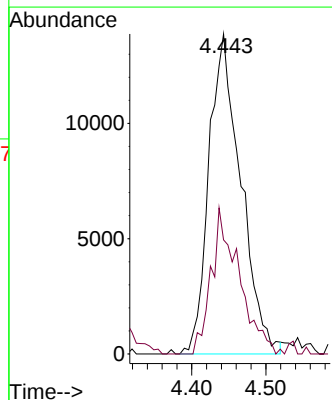
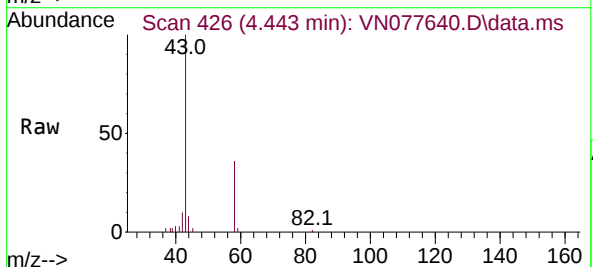
Instrument :
MSVOA_N
ClientSampleId :
PB152652ZHE#06

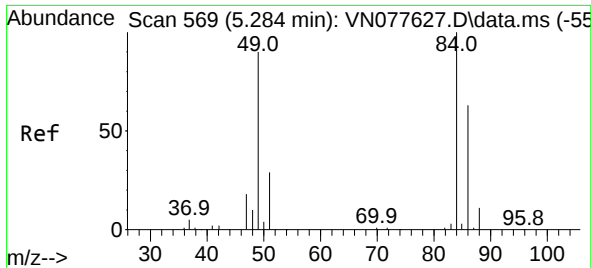
Tgt Ion:168 Resp: 545939
Ion Ratio Lower Upper
168 100
99 61.1 53.0 79.6



#16
Acetone
Concen: 25.251 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN077640.D
Acq: 09 May 2023 18:32

Tgt Ion: 43 Resp: 41517
Ion Ratio Lower Upper
43 100
58 35.7 28.0 42.0

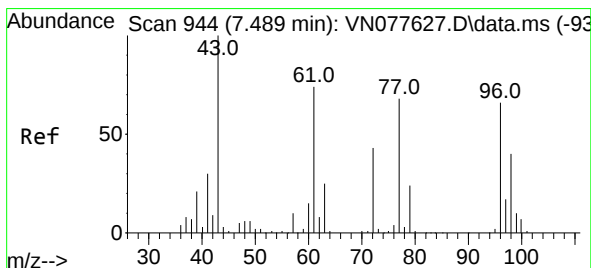
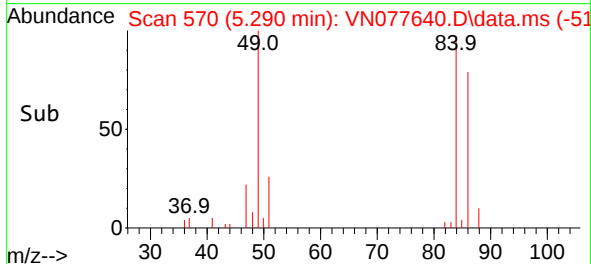
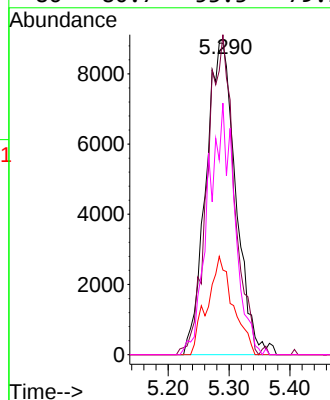
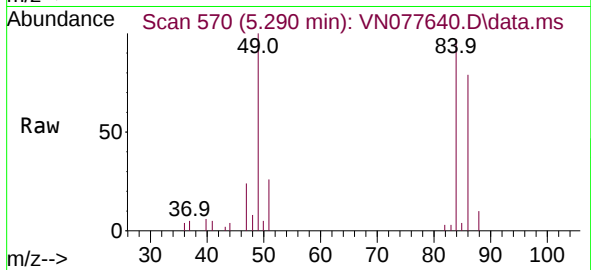




#20
Methylene Chloride
Concen: 4.475 ug/l
RT: 5.290 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN077640.D
Acq: 09 May 2023 18:32

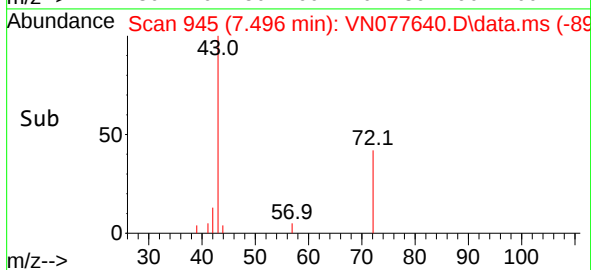
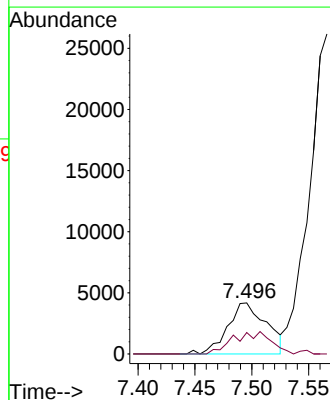
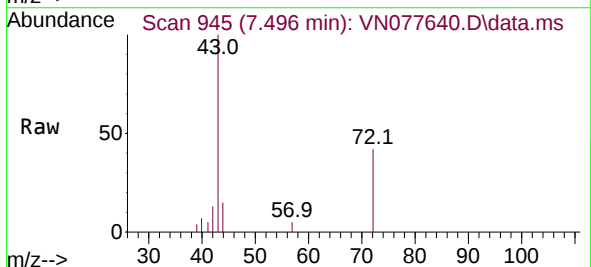
Instrument :
MSVOA_N
ClientSampleId :
PB152652ZHE#06

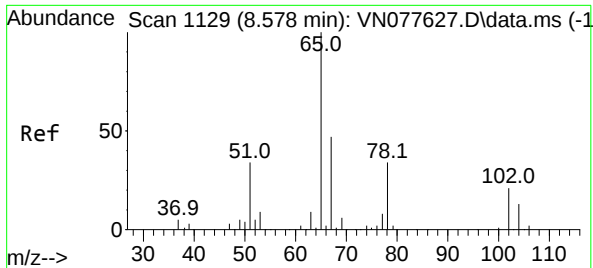
Tgt Ion:	84	Resp:	30491
Ion	Ratio	Lower	Upper
84	100		
49	102.7	79.7	119.5
51	27.1	25.2	37.8
86	80.7	53.3	79.9#



#25
2-Butanone
Concen: 4.116 ug/l
RT: 7.496 min Scan# 945
Delta R.T. 0.007 min
Lab File: VN077640.D
Acq: 09 May 2023 18:32

Tgt Ion:	43	Resp:	9891
Ion	Ratio	Lower	Upper
43	100		
72	41.9	30.2	45.2

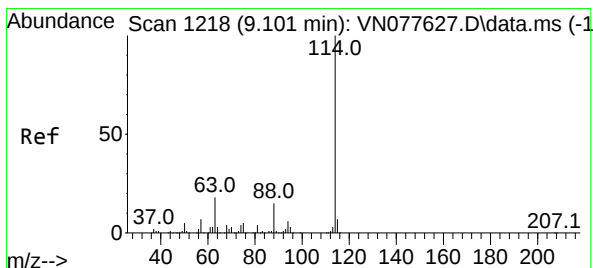
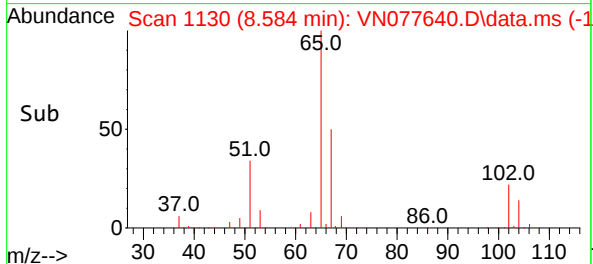
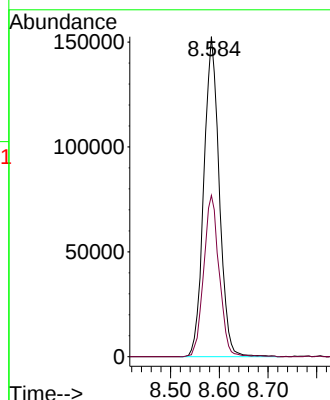
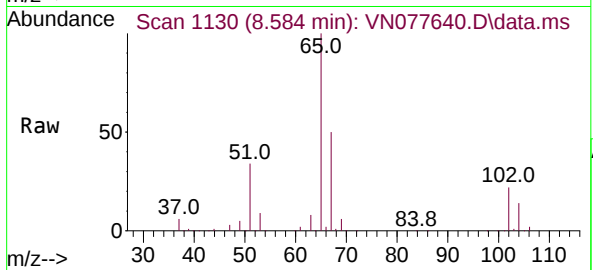




#33
 1,2-Dichloroethane-d4
 Concen: 48.394 ug/l
 RT: 8.584 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: VN077640.D
 Acq: 09 May 2023 18:32

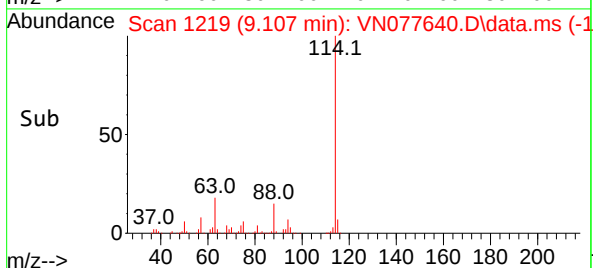
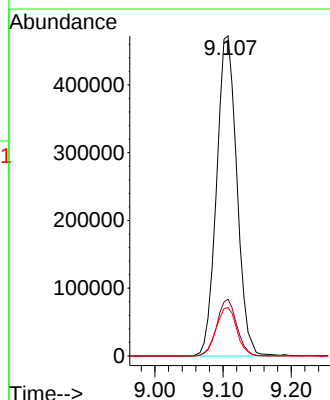
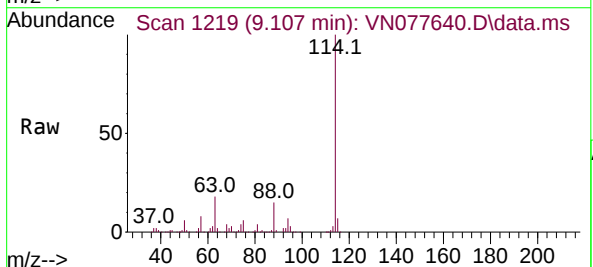
Instrument :
 MSVOA_N
 ClientSampleId :
 PB152652ZHE#06

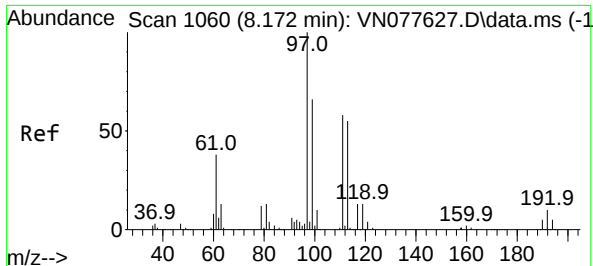
Tgt Ion: 65 Resp: 335067
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.107 min Scan# 1219
 Delta R.T. 0.006 min
 Lab File: VN077640.D
 Acq: 09 May 2023 18:32

Tgt Ion: 114 Resp: 977923
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.4
 88 15.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.775 ug/l

RT: 8.172 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077640.D

Acq: 09 May 2023 18:32

Instrument :

MSVOA_N

ClientSampleId :

PB152652ZHE#06

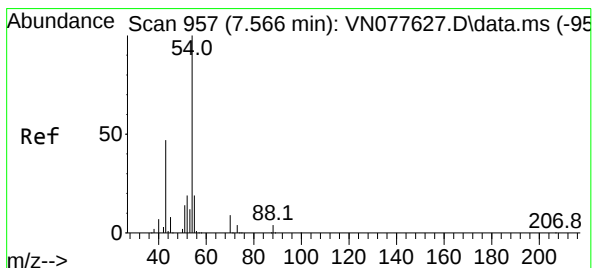
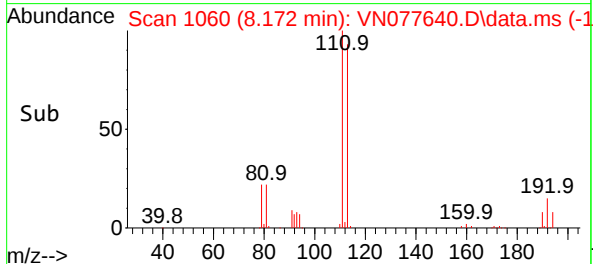
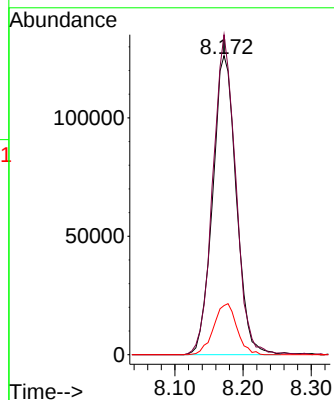
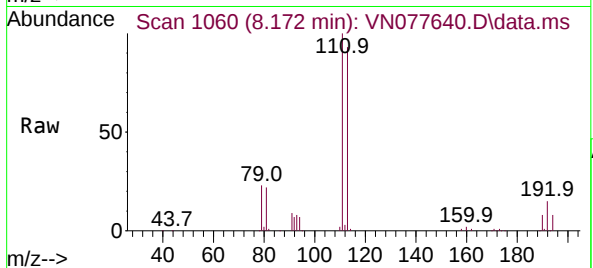
Tgt Ion:113 Resp: 303580

Ion Ratio Lower Upper

113 100

111 103.9 82.6 123.8

192 16.8 12.7 19.1



#37

Ethyl Acetate

Concen: 14.044 ug/l

RT: 7.566 min Scan# 957

Delta R.T. 0.000 min

Lab File: VN077640.D

Acq: 09 May 2023 18:32

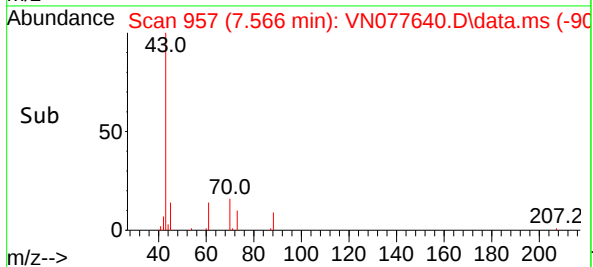
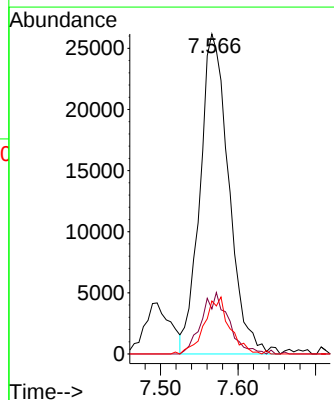
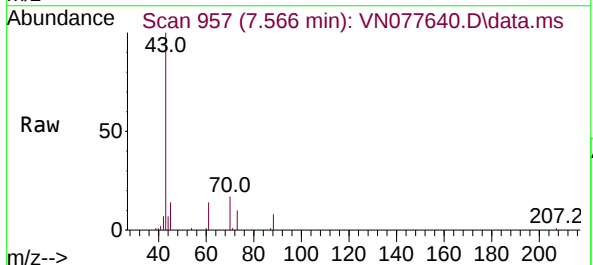
Tgt Ion: 43 Resp: 67592

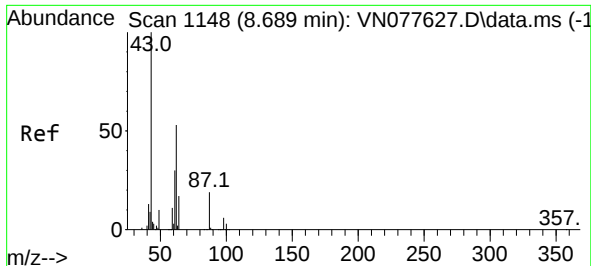
Ion Ratio Lower Upper

43 100

61 17.9 13.2 19.8

70 15.6 11.3 16.9

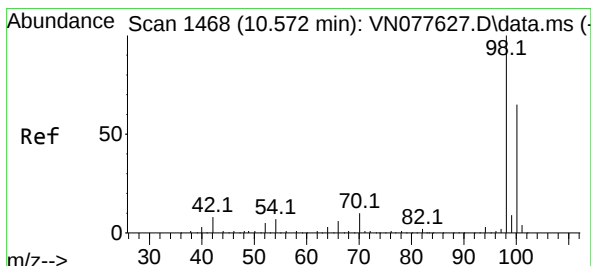
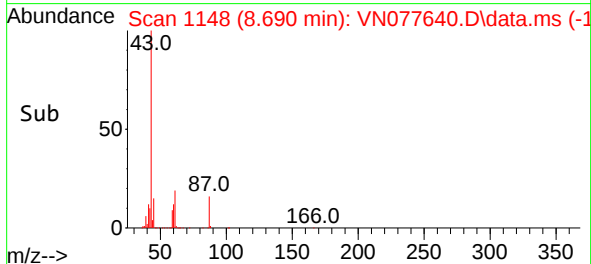
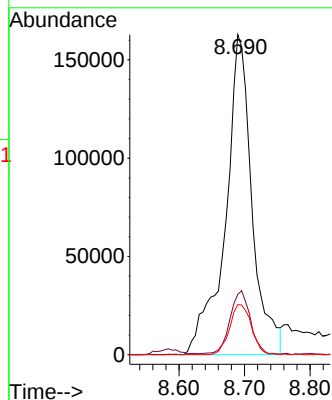
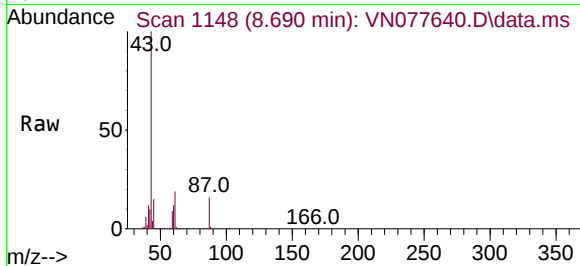




#43
Isopropyl Acetate
Concen: 54.536 ug/l
RT: 8.690 min Scan# 1148
Delta R.T. 0.001 min
Lab File: VN077640.D
Acq: 09 May 2023 18:32

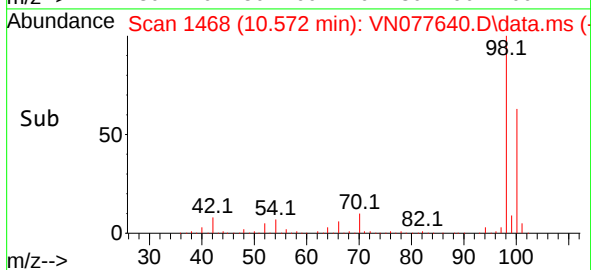
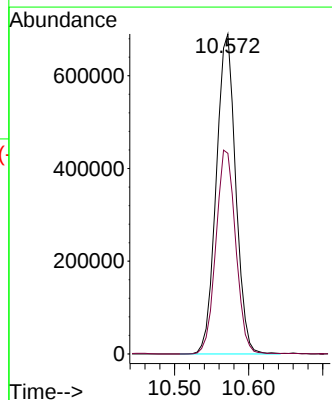
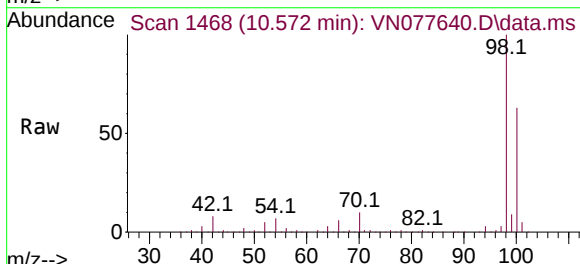
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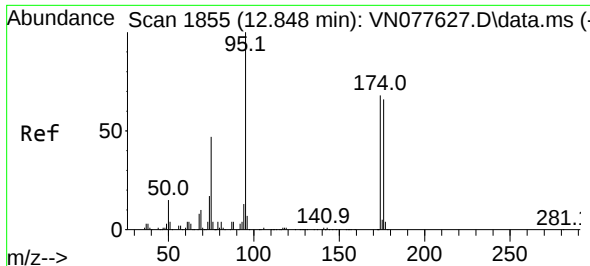
Tgt Ion: 43 Resp: 460186
Ion Ratio Lower Upper
43 100
61 15.6 24.7 37.1#
87 12.8 14.6 21.8#



#50
Toluene-d8
Concen: 54.391 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077640.D
Acq: 09 May 2023 18:32

Tgt Ion: 98 Resp: 1255948
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

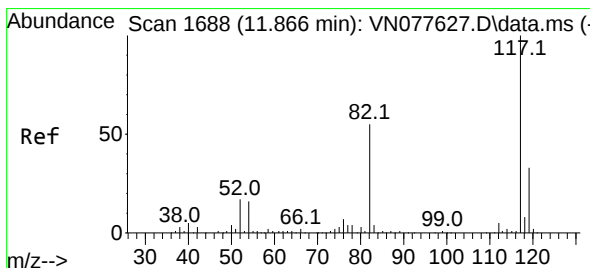
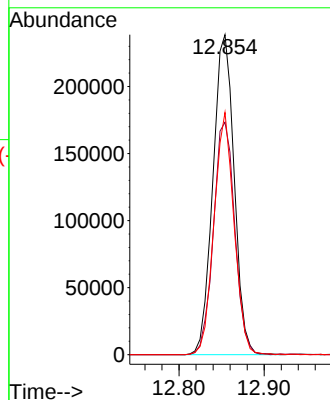
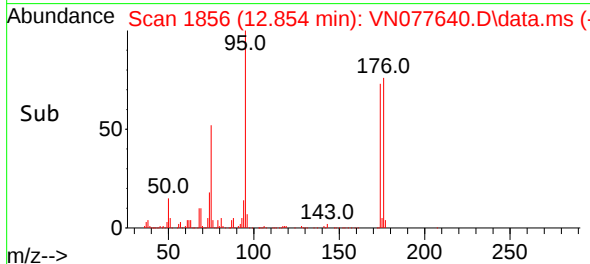
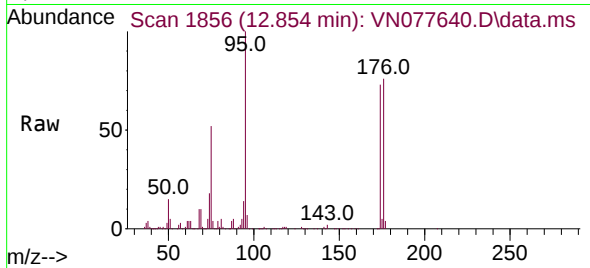




#62
4-Bromofluorobenzene
Concen: 53.005 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077640.D
Acq: 09 May 2023 18:32

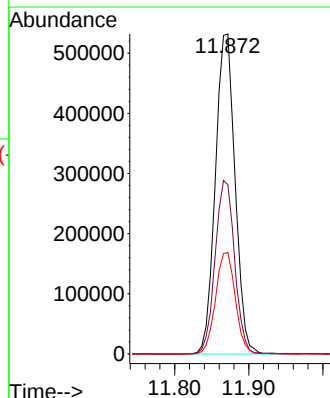
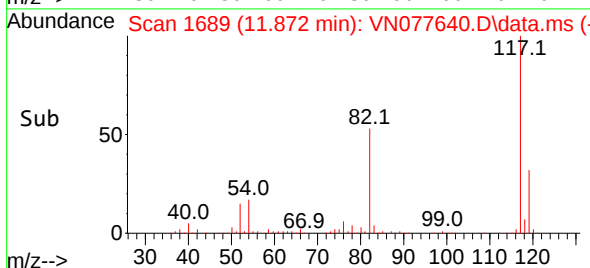
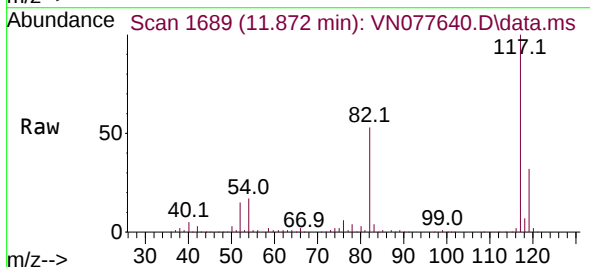
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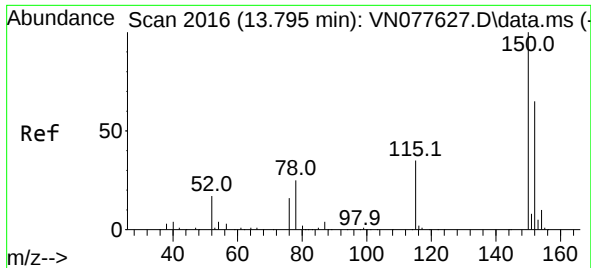
Tgt Ion: 95 Resp: 413972
Ion Ratio Lower Upper
95 100
174 72.8 0.0 143.8
176 71.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN077640.D
Acq: 09 May 2023 18:32

Tgt Ion: 117 Resp: 982721
Ion Ratio Lower Upper
117 100
82 52.9 44.0 66.0
119 31.7 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN077640.D

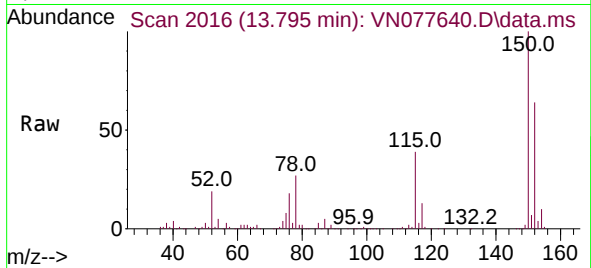
Acq: 09 May 2023 18:32

Instrument :

MSVOA_N

ClientSampleId :

PB152652ZHE#06



Tgt Ion:152 Resp: 353518

Ion Ratio Lower Upper

152 100

115 64.2 32.3 96.8

150 158.1 0.0 355.8

