

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110923\
 Data File : VN080040.D
 Acq On : 09 Nov 2023 22:33
 Operator : JC\MD
 Sample : 05318-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KEARNY-DRUM

Quant Time: Nov 10 00:44:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

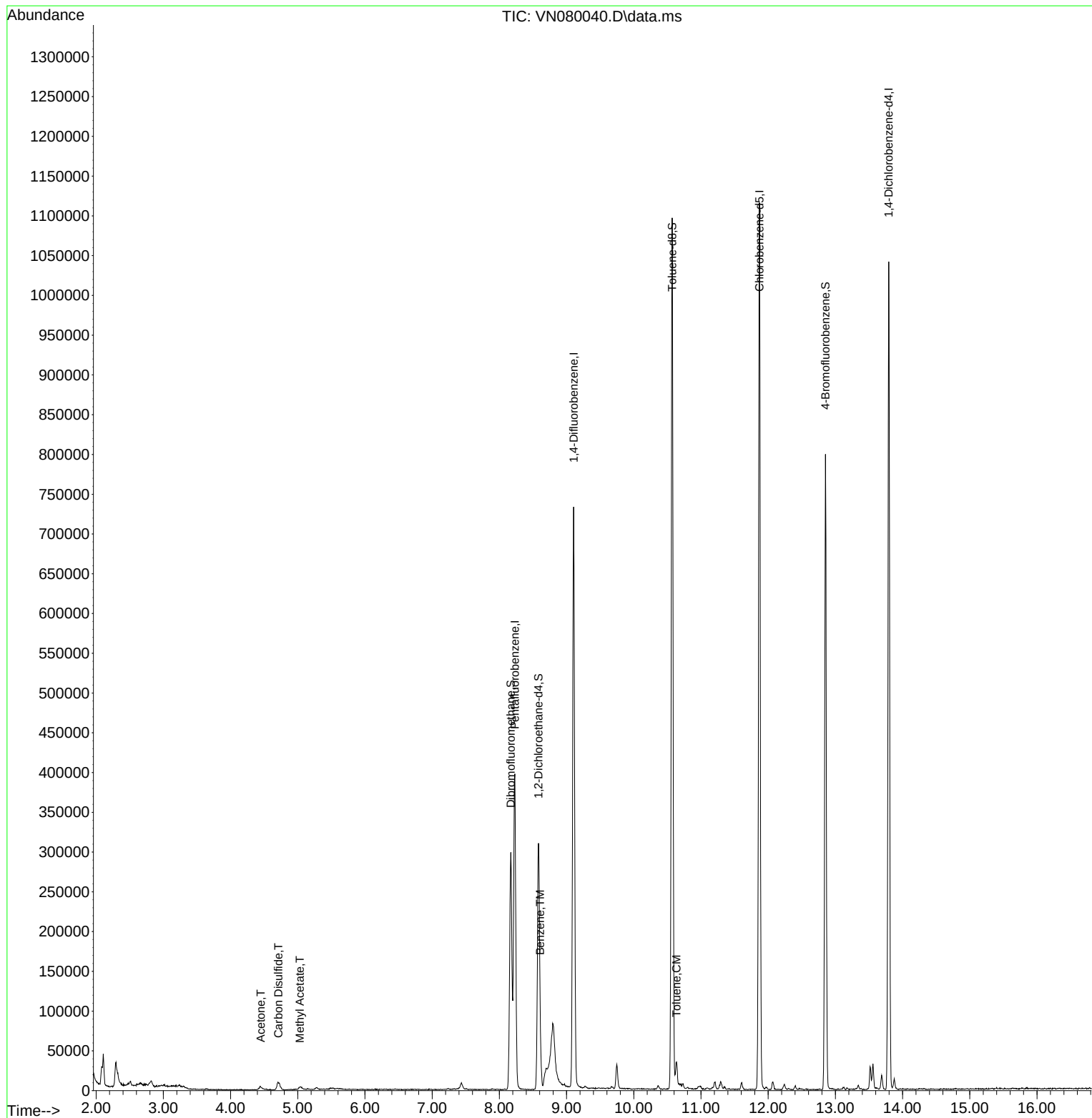
Internal Standards						
1) Pentafluorobenzene	8.230	168	279045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	601593	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	623247	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	269292	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	255976	60.211	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	120.420%	
35) Dibromofluoromethane	8.171	113	212443	49.895	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.780%	
50) Toluene-d8	10.571	98	744215	47.479	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	94.960%	
62) 4-Bromofluorobenzene	12.853	95	269750	51.890	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	103.780%	
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	8250	5.525	ug/l #	71
17) Carbon Disulfide	4.712	76	21380	2.468	ug/l	99
18) Methyl Acetate	5.030	43	7780	1.089	ug/l #	80
40) Benzene	8.606	78	27497	1.510	ug/l	98
52) Toluene	10.635	92	13798	1.278	ug/l	100

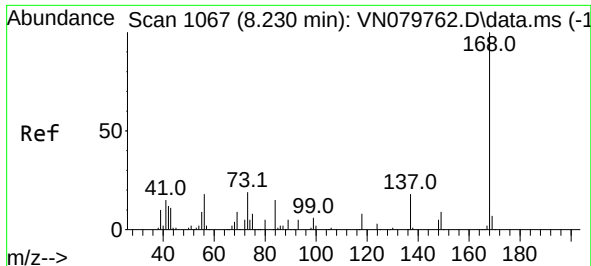
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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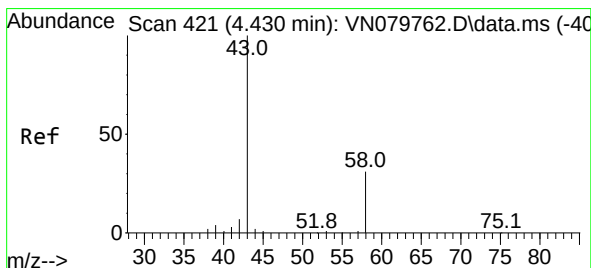
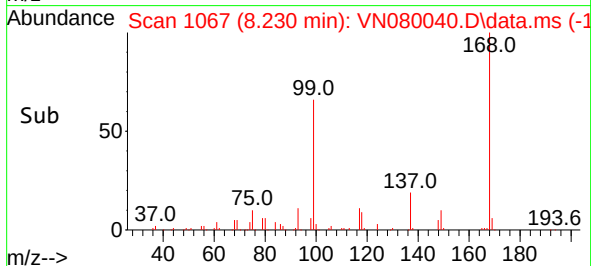
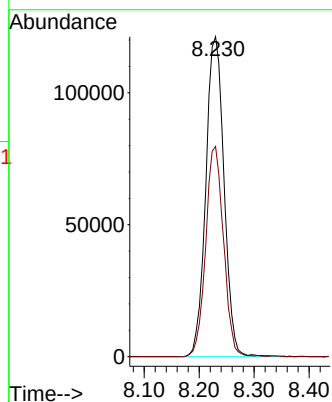
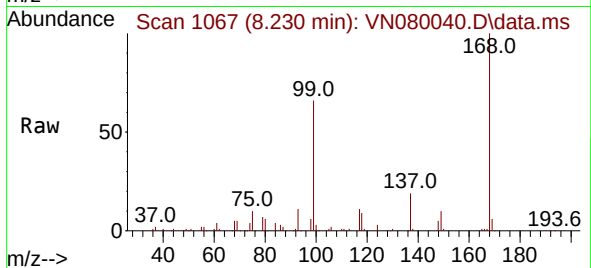




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN080040.D
Acq: 09 Nov 2023 22:33

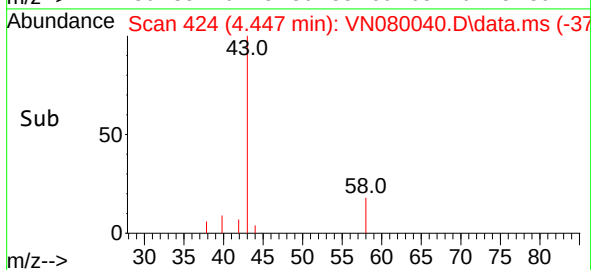
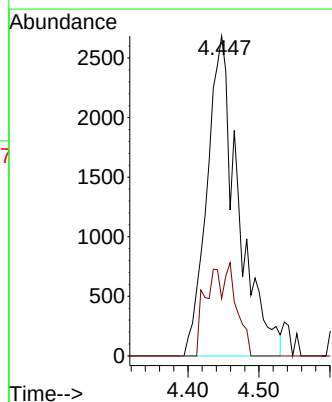
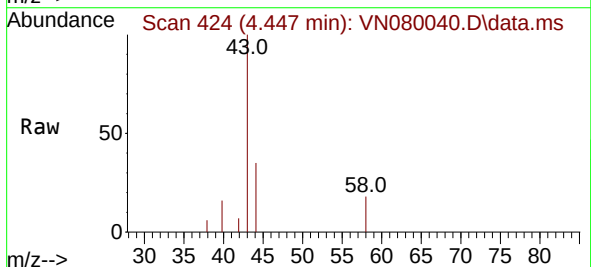
Instrument :
MSVOA_N
ClientSampleId :
KEARNY-DRUM

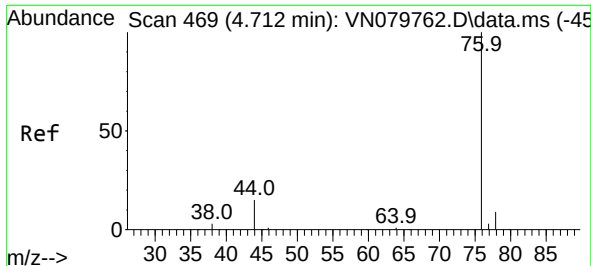
Tgt Ion:168 Resp: 279045
Ion Ratio Lower Upper
168 100
99 65.7 53.0 79.6



#16
Acetone
Concen: 5.525 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN080040.D
Acq: 09 Nov 2023 22:33

Tgt Ion: 43 Resp: 8250
Ion Ratio Lower Upper
43 100
58 17.9 28.0 42.0#

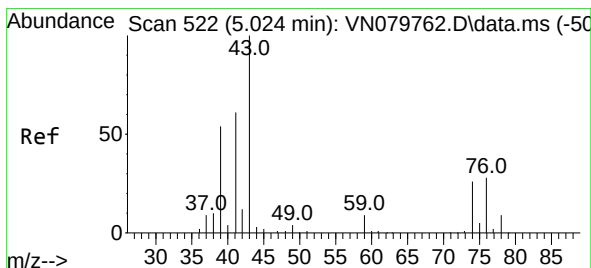
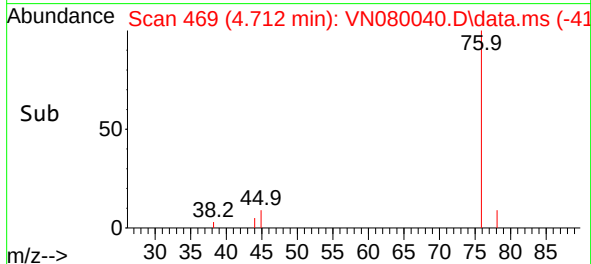
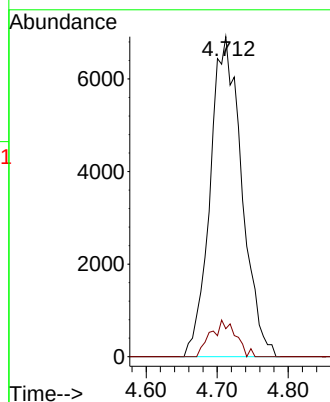
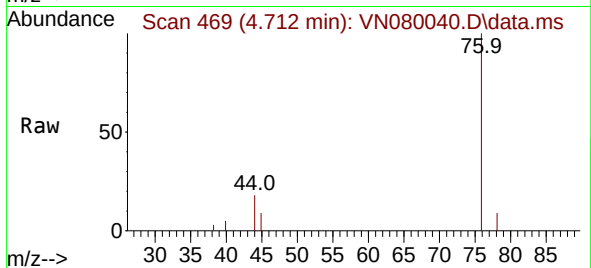




#17
Carbon Disulfide
Concen: 2.468 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN080040.D
Acq: 09 Nov 2023 22:33

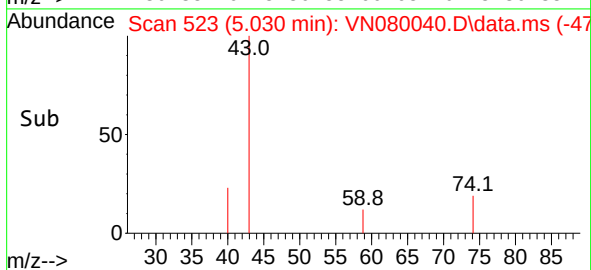
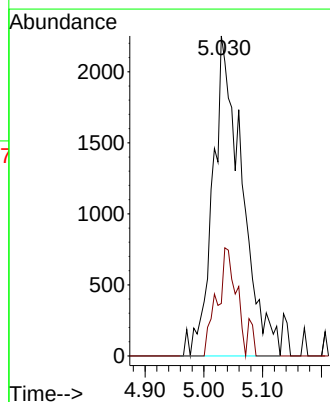
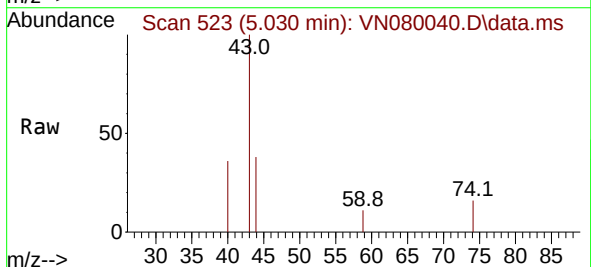
Instrument :
MSVOA_N
ClientSampleId :
KEARNY-DRUM

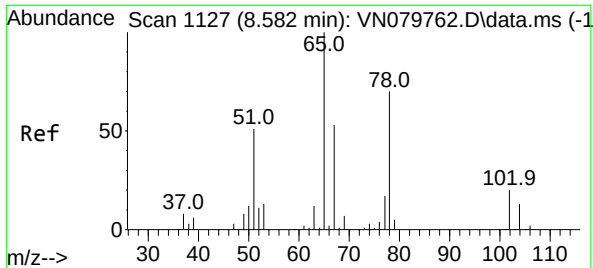
Tgt Ion: 76 Resp: 21380
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 1.089 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN080040.D
Acq: 09 Nov 2023 22:33

Tgt Ion: 43 Resp: 7780
Ion Ratio Lower Upper
43 100
74 21.7 26.2 39.4#





#33

1,2-Dichloroethane-d4

Concen: 60.211 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN080040.D

Acq: 09 Nov 2023 22:33

Instrument :

MSVOA_N

ClientSampleId :

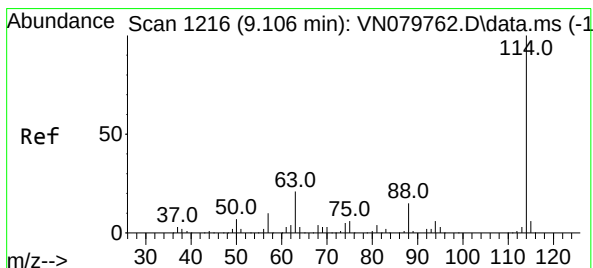
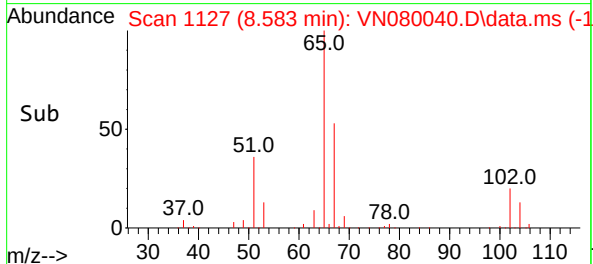
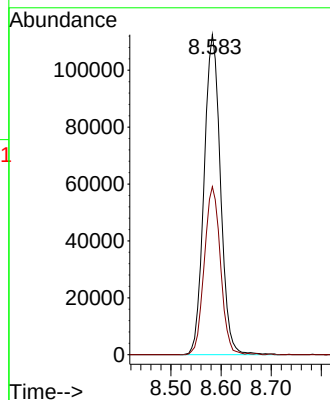
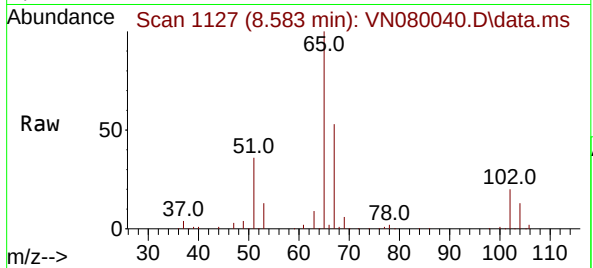
KEARNY-DRUM

Tgt Ion: 65 Resp: 255976

Ion Ratio Lower Upper

65 100

67 51.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN080040.D

Acq: 09 Nov 2023 22:33

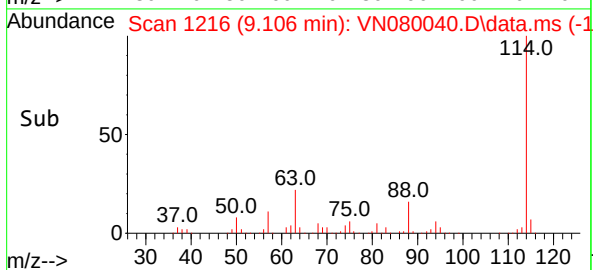
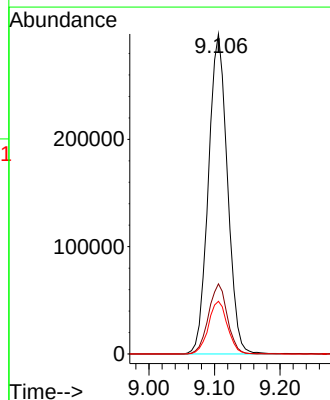
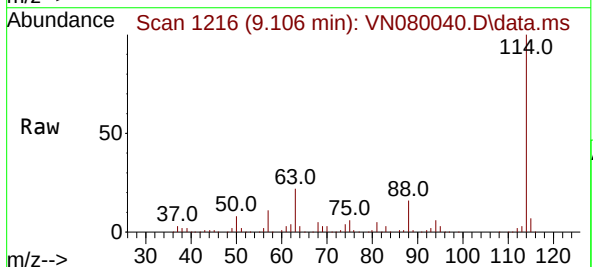
Tgt Ion: 114 Resp: 601593

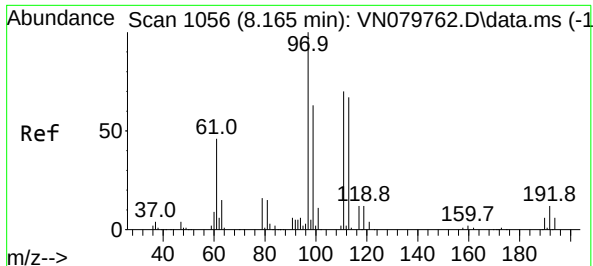
Ion Ratio Lower Upper

114 100

63 21.9 0.0 36.4

88 16.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.895 ug/l

RT: 8.171 min Scan# 110

Delta R.T. 0.000 min

Lab File: VN080040.D

Acq: 09 Nov 2023 22:33

Instrument :

MSVOA_N

ClientSampleId :

KEARNY-DRUM

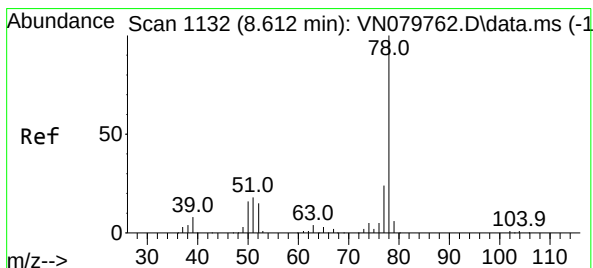
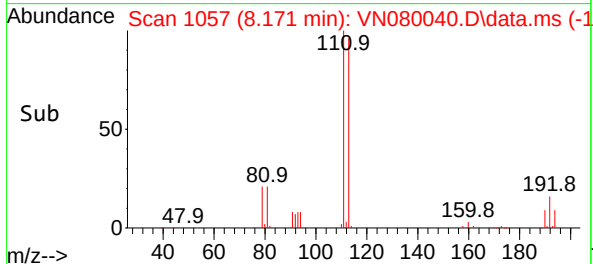
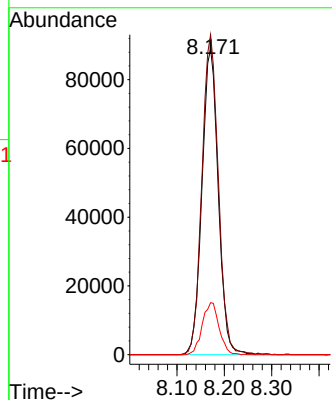
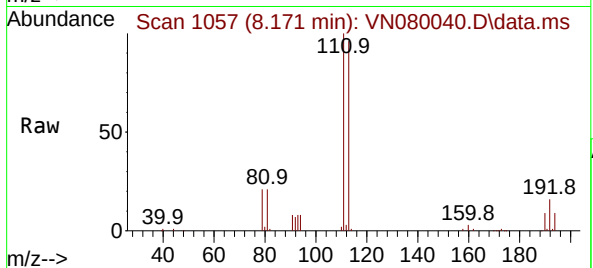
Tgt Ion:113 Resp: 212443

Ion Ratio Lower Upper

113 100

111 105.2 82.6 123.8

192 17.5 12.7 19.1



#40

Benzene

Concen: 1.510 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN080040.D

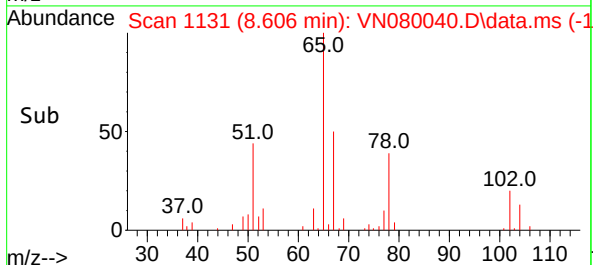
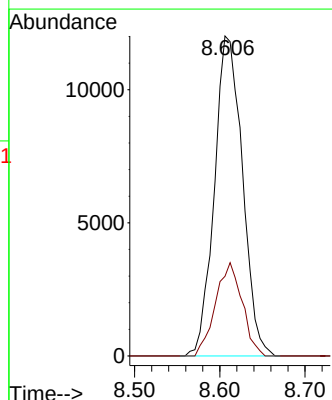
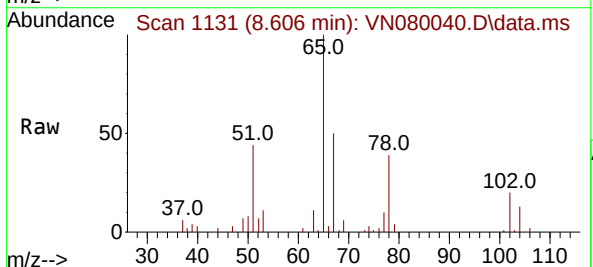
Acq: 09 Nov 2023 22:33

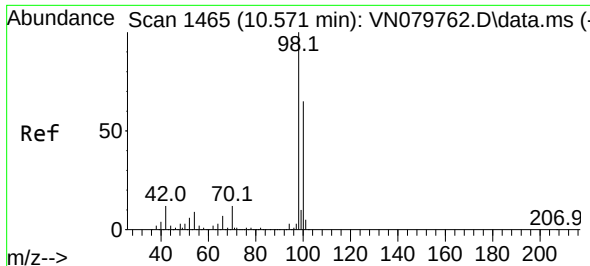
Tgt Ion: 78 Resp: 27497

Ion Ratio Lower Upper

78 100

77 24.9 19.0 28.6

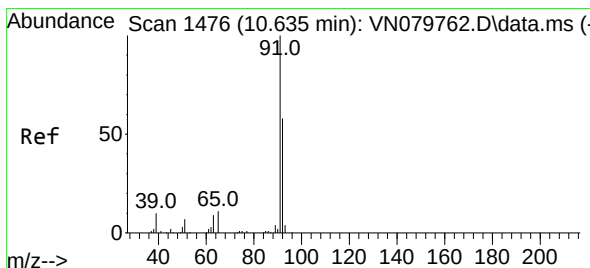
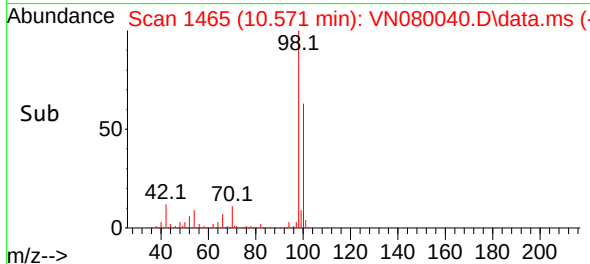
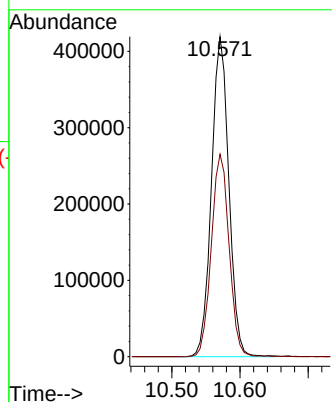
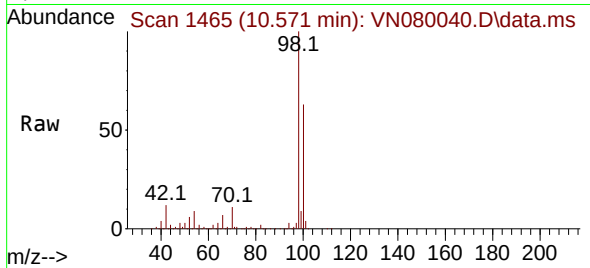




#50
Toluene-d8
Concen: 47.479 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080040.D
Acq: 09 Nov 2023 22:33

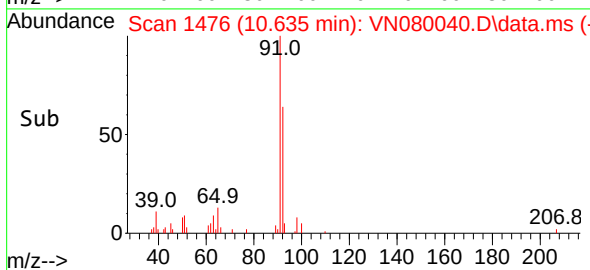
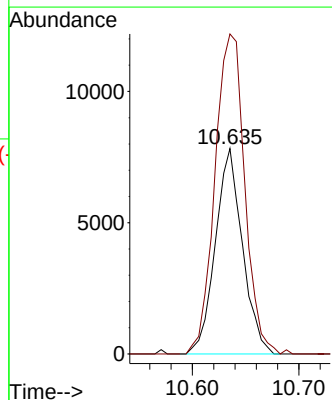
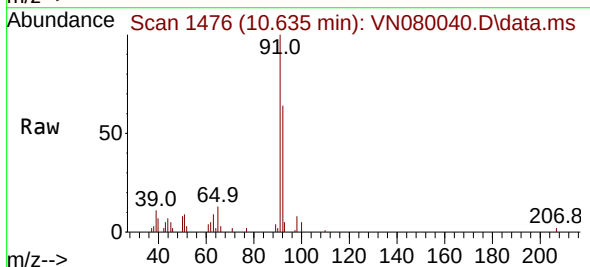
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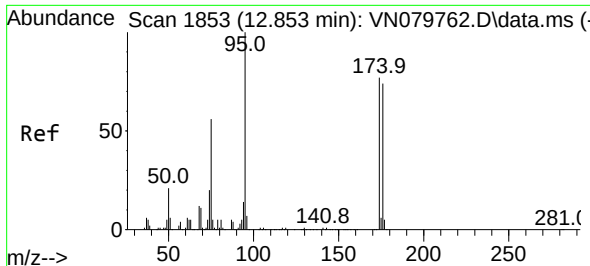
Tgt Ion: 98 Resp: 744215
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#52
Toluene
Concen: 1.278 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN080040.D
Acq: 09 Nov 2023 22:33

Tgt Ion: 92 Resp: 13798
Ion Ratio Lower Upper
92 100
91 171.9 137.4 206.0

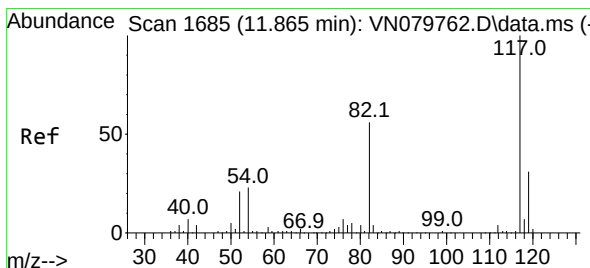
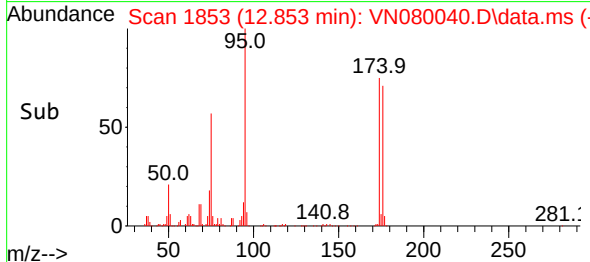
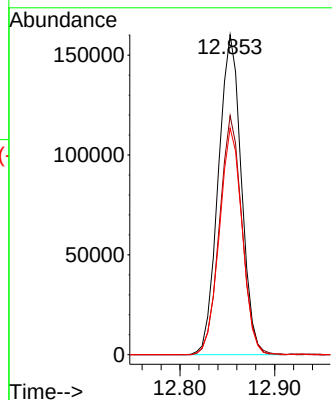
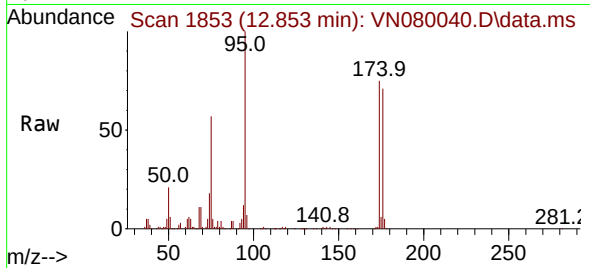




#62
4-Bromofluorobenzene
Concen: 51.890 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080040.D
Acq: 09 Nov 2023 22:33

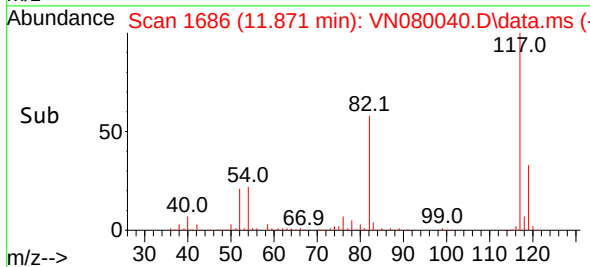
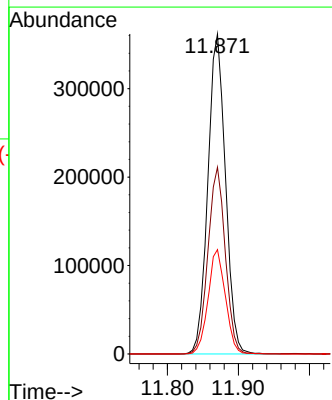
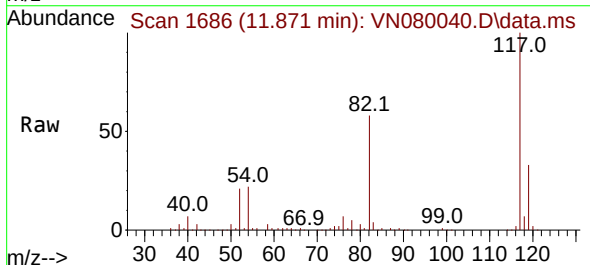
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MSVOA_N
ClientSampleId :
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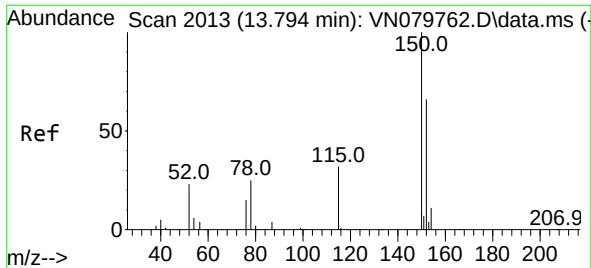
Tgt Ion: 95 Resp: 269750
Ion Ratio Lower Upper
95 100
174 73.2 0.0 143.8
176 70.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN080040.D
Acq: 09 Nov 2023 22:33

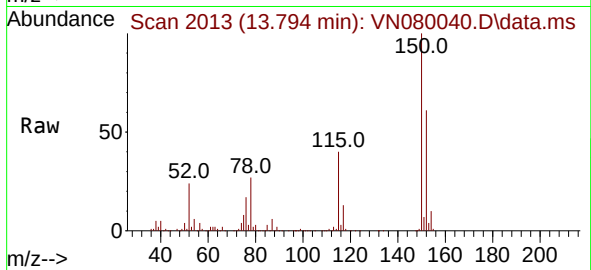
Tgt Ion: 117 Resp: 623247
Ion Ratio Lower Upper
117 100
82 58.3 44.0 66.0
119 32.6 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080040.D
 Acq: 09 Nov 2023 22:33

Instrument :
 MSVOA_N
 ClientSampleId :
 KEARNY-DRUM



Tgt Ion:152 Resp: 269292

Ion	Ratio	Lower	Upper
152	100		
115	62.9	32.3	96.8
150	159.7	0.0	355.8

