

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101123\
 Data File : VN079514.D
 Acq On : 11 Oct 2023 14:00
 Operator : JC\MD
 Sample : 04813-07DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-9DL

Quant Time: Oct 12 06:08:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

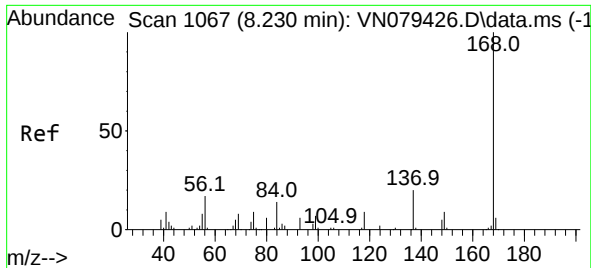
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.229	168	276396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	540654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	529617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	205903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	218468	48.748	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.500%		
35) Dibromofluoromethane	8.171	113	193678	49.848	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.700%		
50) Toluene-d8	10.571	98	661805	47.076	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.160%		
62) 4-Bromofluorobenzene	12.853	95	236803	52.488	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.980%		
Target Compounds					Qvalue	
16) Acetone	4.436	43	21920	12.332	ug/l #	83
40) Benzene	8.612	78	564394	32.590	ug/l	100
43) Isopropyl Acetate	8.694	43	52274	5.142	ug/l #	74
51) 4-Methyl-2-Pentanone	10.447	43	154181	26.868	ug/l	88
52) Toluene	10.635	92	307146	30.130	ug/l	98
67) Ethyl Benzene	11.965	91	47370	2.311	ug/l	90
68) m/p-Xylenes	12.070	106	84324	11.321	ug/l	93
69) o-Xylene	12.400	106	60601	8.273	ug/l	89
80) 1,3,5-Trimethylbenzene	13.176	105	19060	1.262	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	43028	2.985	ug/l	96
95) Naphthalene	15.647	128	564398	82.124	ug/l	99

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

Quant Time: Oct 12 06:08:37 2023
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Response via : Initial Calibration

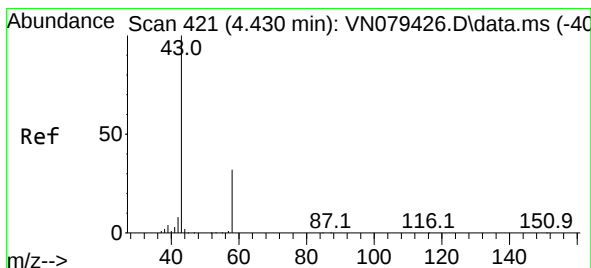
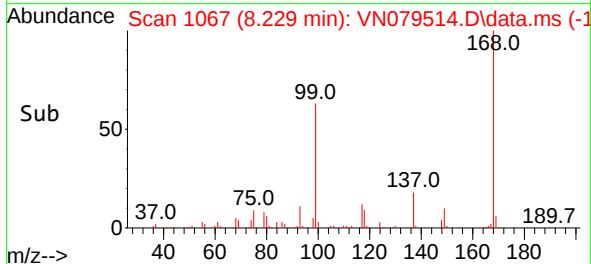
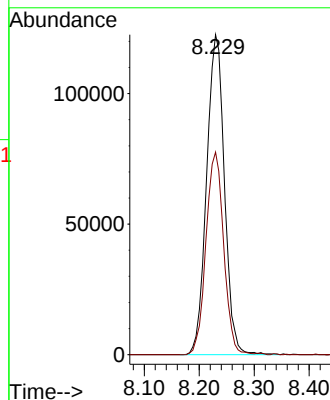
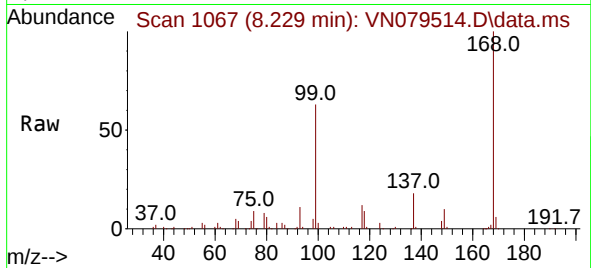




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079514.D
Acq: 11 Oct 2023 14:00

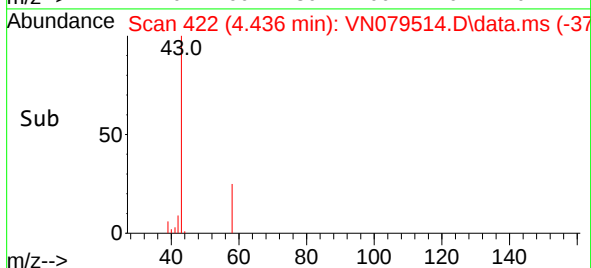
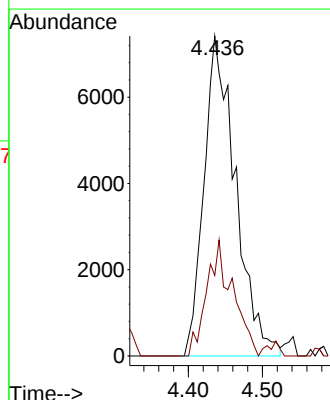
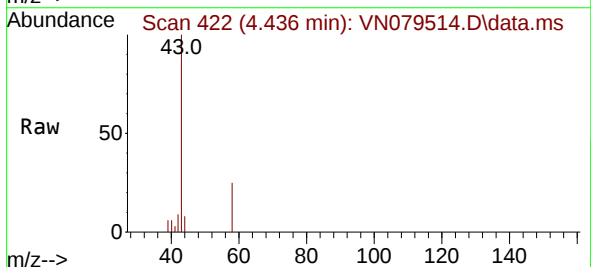
Instrument :
MSVOA_N
ClientSampleId :
S-9DL

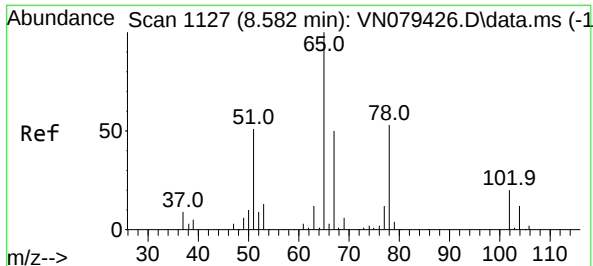
Tgt Ion:168 Resp: 276396
Ion Ratio Lower Upper
168 100
99 63.3 53.0 79.6



#16
Acetone
Concen: 12.332 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079514.D
Acq: 11 Oct 2023 14:00

Tgt Ion: 43 Resp: 21920
Ion Ratio Lower Upper
43 100
58 25.2 28.0 42.0#





#33

1,2-Dichloroethane-d4

Concen: 48.748 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079514.D

Acq: 11 Oct 2023 14:00

Instrument :

MSVOA_N

ClientSampleId :

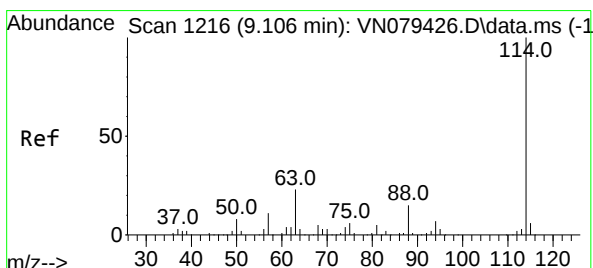
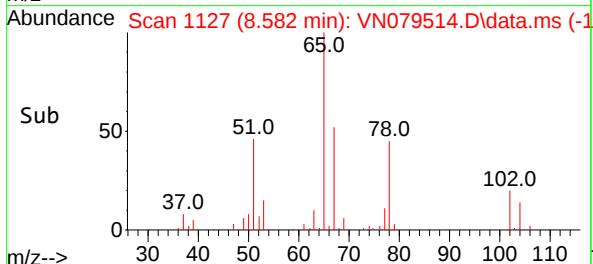
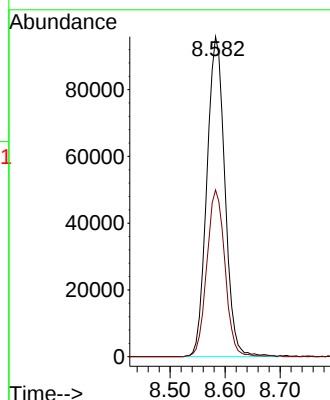
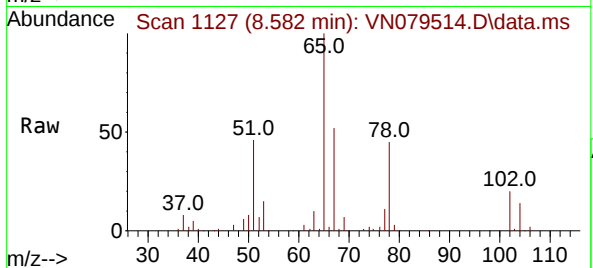
S-9DL

Tgt Ion: 65 Resp: 218468

Ion Ratio Lower Upper

65 100

67 52.3 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: VN079514.D

Acq: 11 Oct 2023 14:00

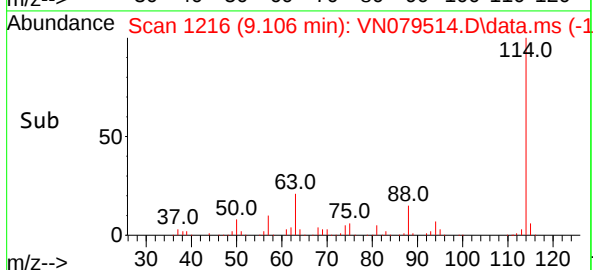
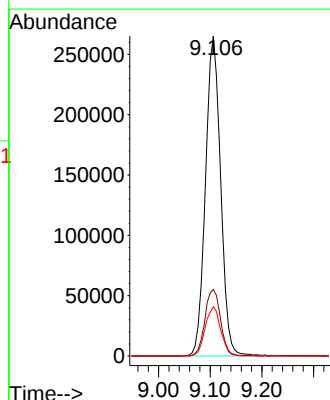
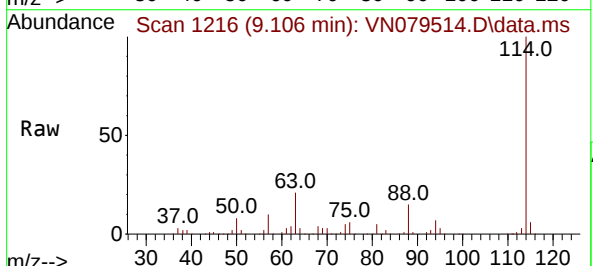
Tgt Ion: 114 Resp: 540654

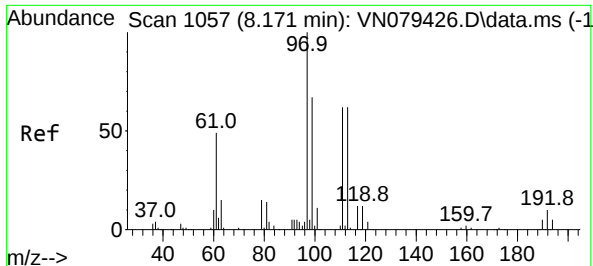
Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.4

88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.848 ug/l

RT: 8.171 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VN079514.D

Acq: 11 Oct 2023 14:00

Instrument :

MSVOA_N

ClientSampleId :

S-9DL

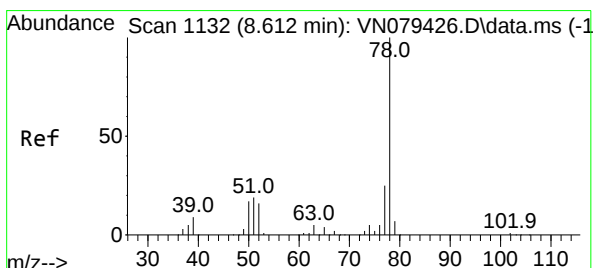
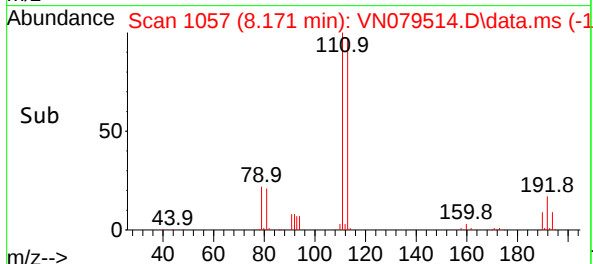
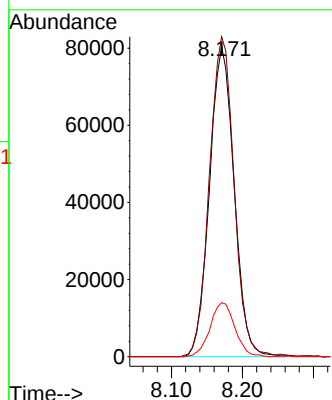
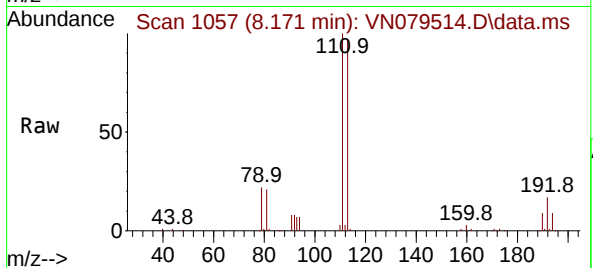
Tgt Ion:113 Resp: 193678

Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

192 17.6 12.7 19.1



#40

Benzene

Concen: 32.590 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079514.D

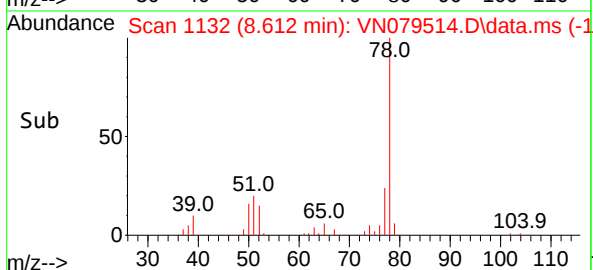
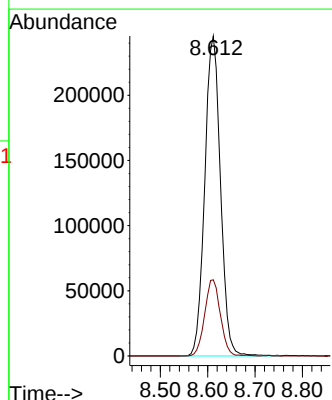
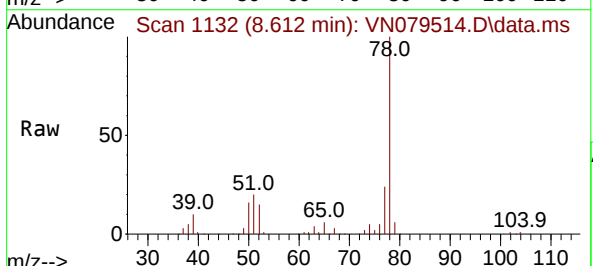
Acq: 11 Oct 2023 14:00

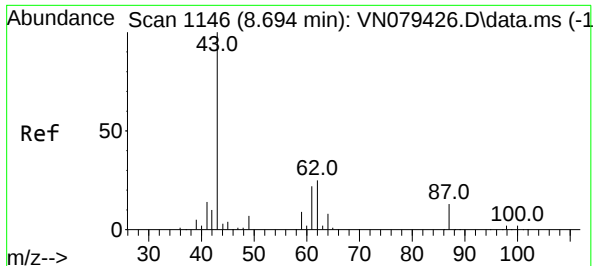
Tgt Ion: 78 Resp: 564394

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6





#43

Isopropyl Acetate

Concen: 5.142 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VN079514.D

Acq: 11 Oct 2023 14:00

Instrument :

MSVOA_N

ClientSampleId :

S-9DL

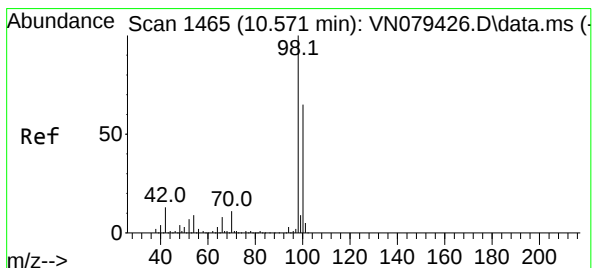
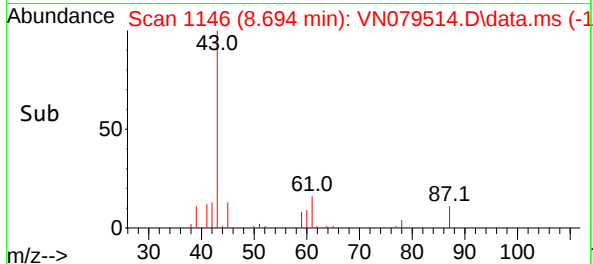
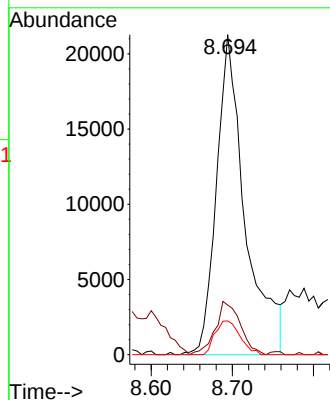
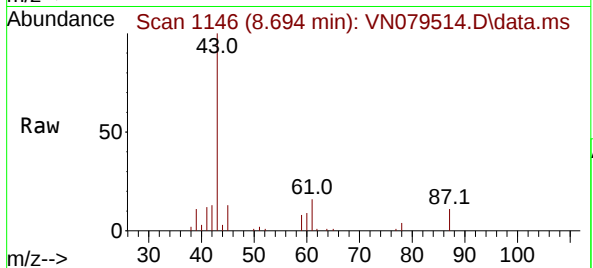
Tgt Ion: 43 Resp: 52274

Ion Ratio Lower Upper

43 100

61 14.4 24.7 37.1#

87 9.2 14.6 21.8#



#50

Toluene-d8

Concen: 47.076 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079514.D

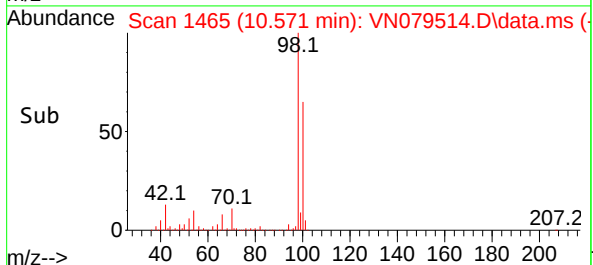
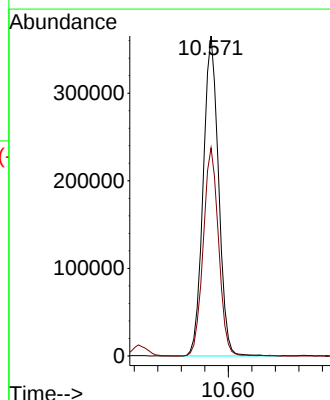
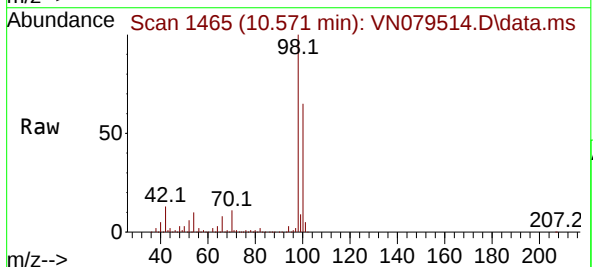
Acq: 11 Oct 2023 14:00

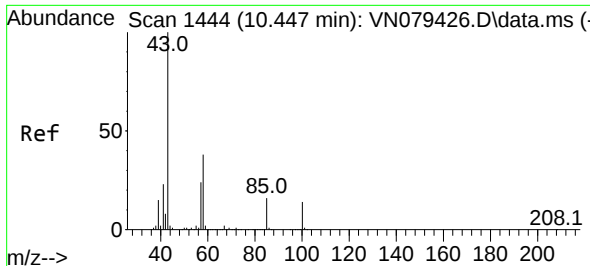
Tgt Ion: 98 Resp: 661805

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0

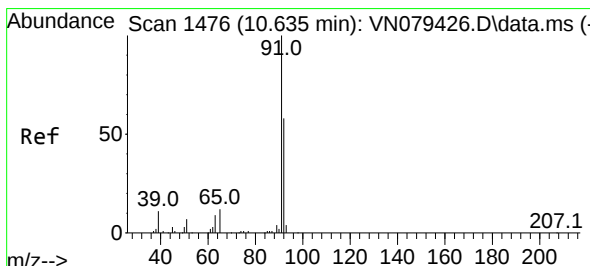
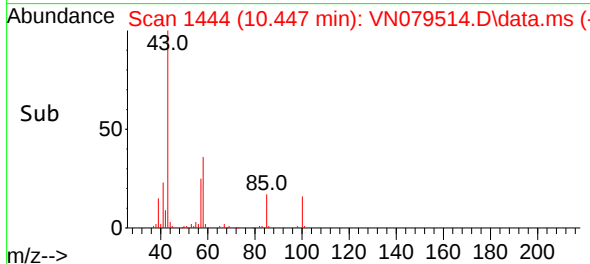
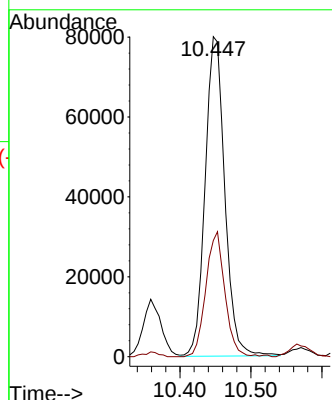
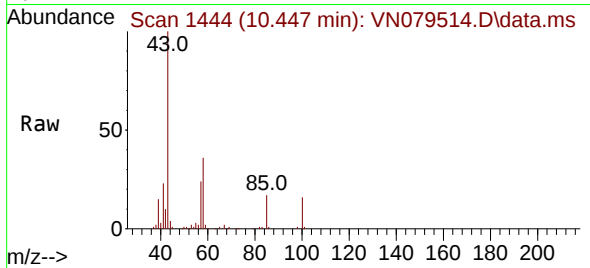




#51
4-Methyl-2-Pentanone
Concen: 26.868 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079514.D
Acq: 11 Oct 2023 14:00

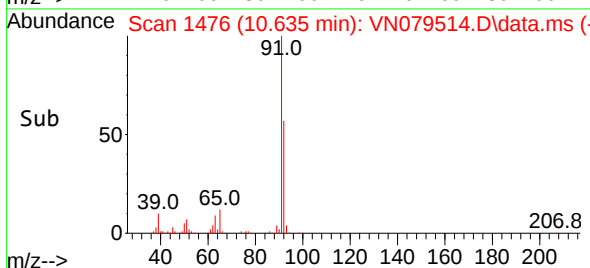
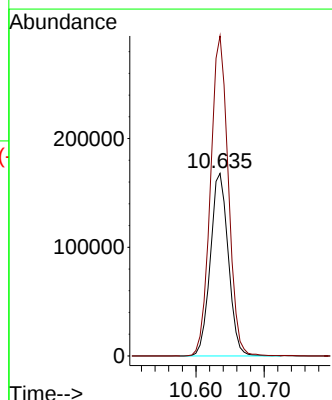
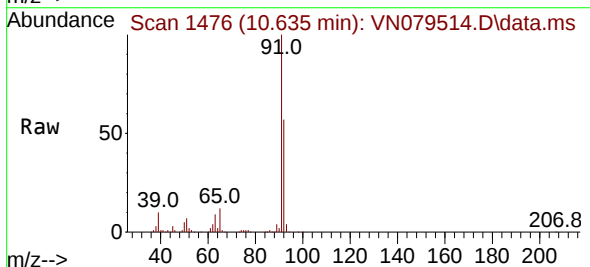
Instrument :
MSVOA_N
ClientSampleId :
S-9DL

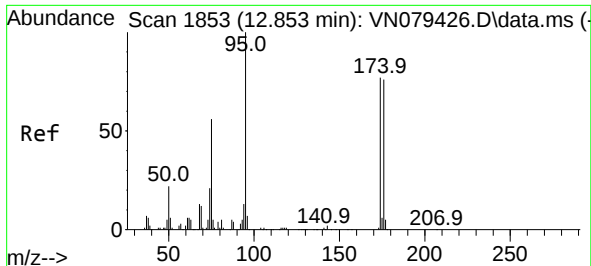
Tgt Ion: 43 Resp: 154181
Ion Ratio Lower Upper
43 100
58 38.0 36.6 54.8



#52
Toluene
Concen: 30.130 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN079514.D
Acq: 11 Oct 2023 14:00

Tgt Ion: 92 Resp: 307146
Ion Ratio Lower Upper
92 100
91 174.2 137.4 206.0

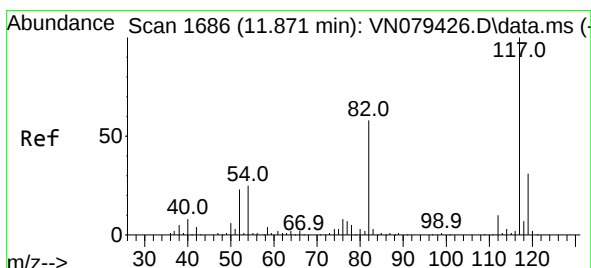
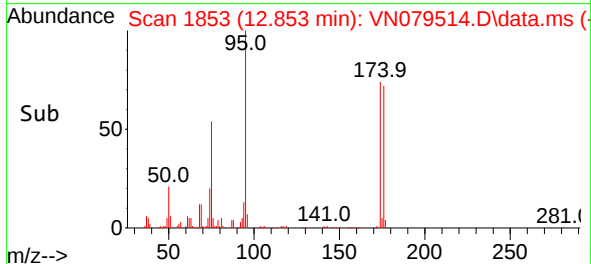
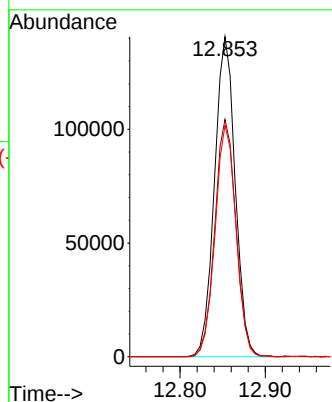
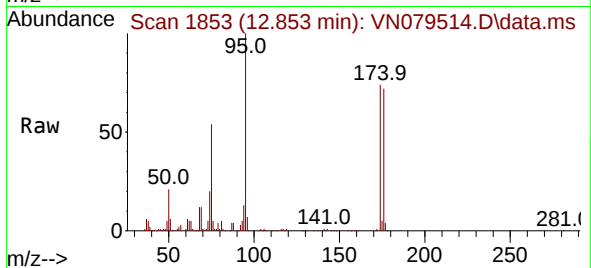




#62
4-Bromofluorobenzene
Concen: 52.488 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079514.D
Acq: 11 Oct 2023 14:00

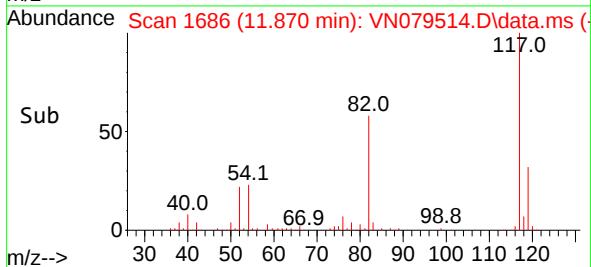
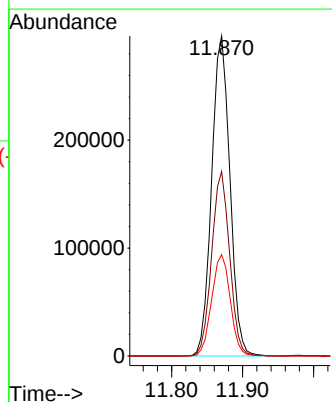
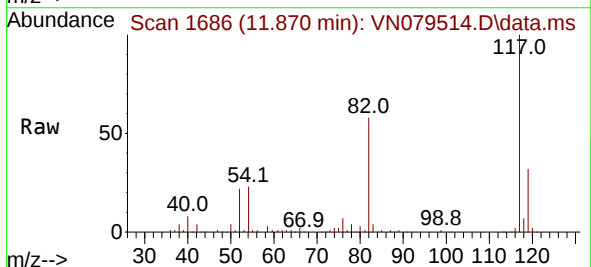
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MSVOA_N
ClientSampleId :
S-9DL

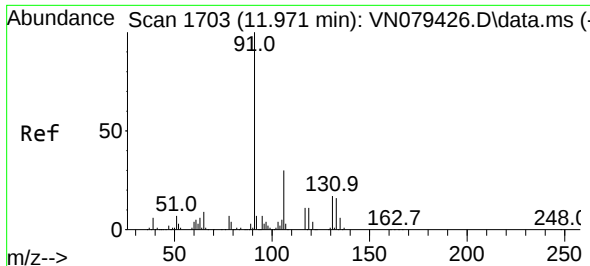
Tgt Ion: 95 Resp: 236803
Ion Ratio Lower Upper
95 100
174 75.6 0.0 143.8
176 73.1 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079514.D
Acq: 11 Oct 2023 14:00

Tgt Ion: 117 Resp: 529617
Ion Ratio Lower Upper
117 100
82 57.7 44.0 66.0
119 31.7 25.6 38.4

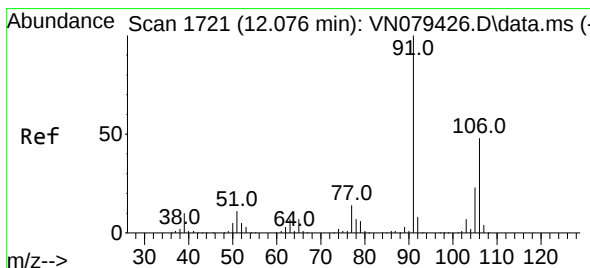
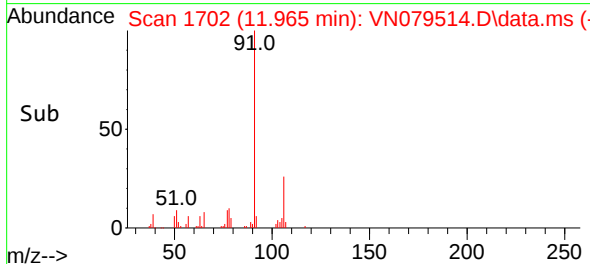
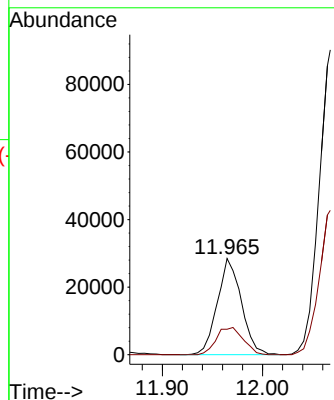
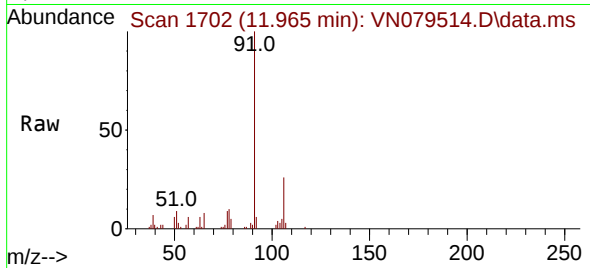




#67
Ethyl Benzene
Concen: 2.311 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079514.D
Acq: 11 Oct 2023 14:00

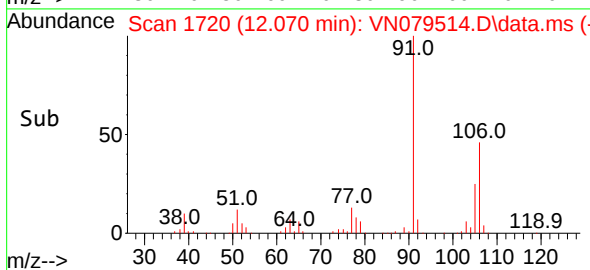
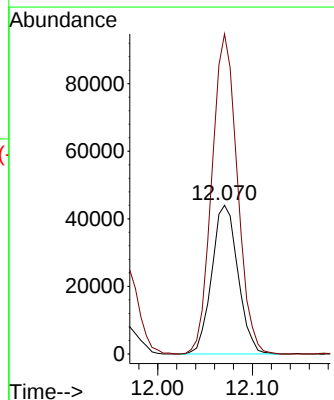
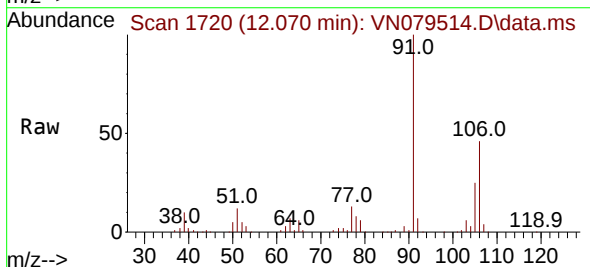
Instrument :
MSVOA_N
ClientSampleId :
S-9DL

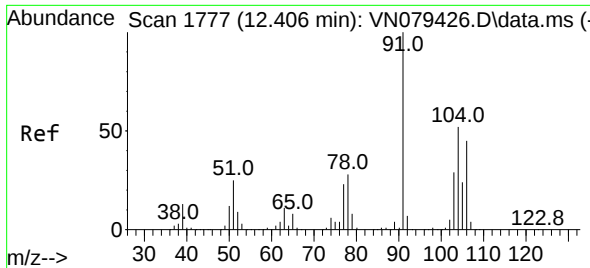
Tgt Ion: 91 Resp: 47370
Ion Ratio Lower Upper
91 100
106 26.4 25.6 38.4



#68
m/p-Xylenes
Concen: 11.321 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN079514.D
Acq: 11 Oct 2023 14:00

Tgt Ion:106 Resp: 84324
Ion Ratio Lower Upper
106 100
91 209.7 159.6 239.4

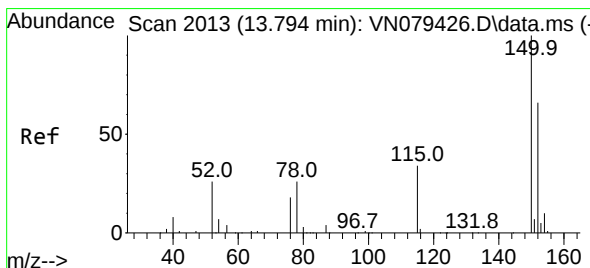
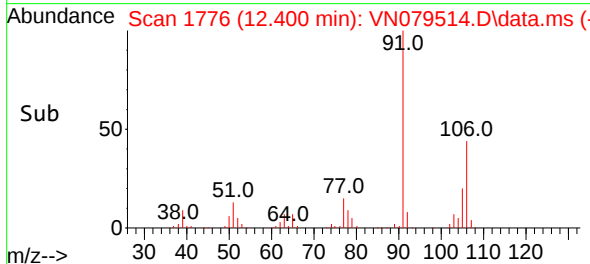
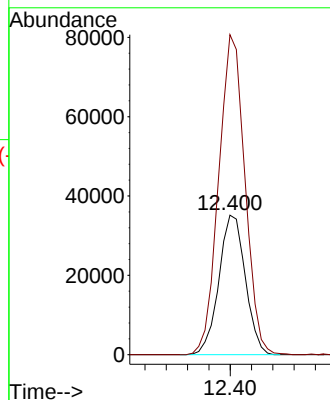
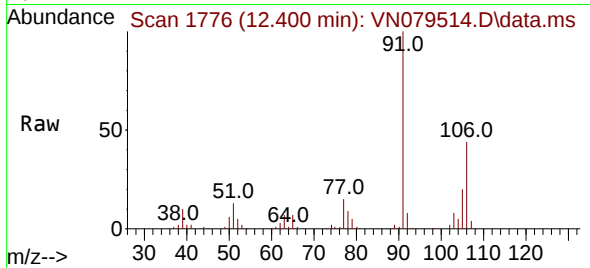




#69
o-Xylene
Concen: 8.273 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079514.D
Acq: 11 Oct 2023 14:00

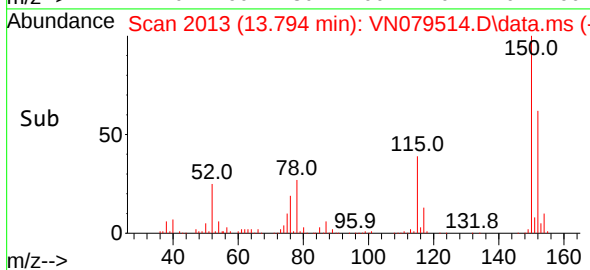
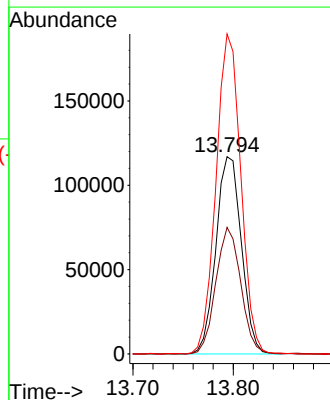
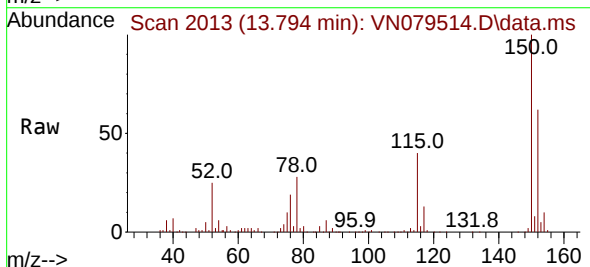
Instrument :
MSVOA_N
ClientSampleId :
S-9DL

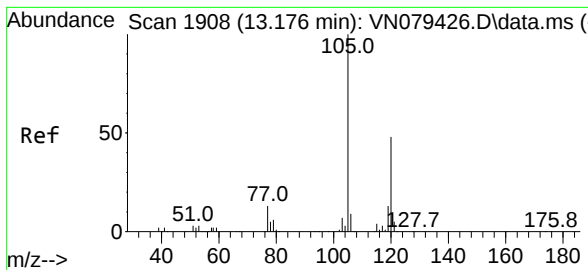
Tgt Ion:106 Resp: 60601
Ion Ratio Lower Upper
106 100
91 227.7 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079514.D
Acq: 11 Oct 2023 14:00

Tgt Ion:152 Resp: 205903
Ion Ratio Lower Upper
152 100
115 62.9 32.3 96.8
150 158.2 0.0 355.8

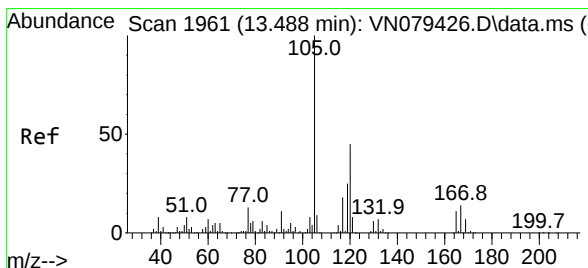
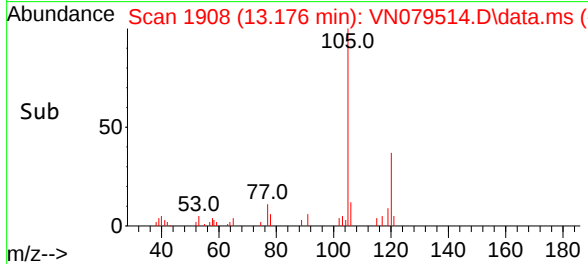
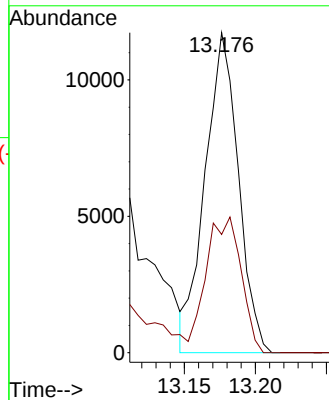
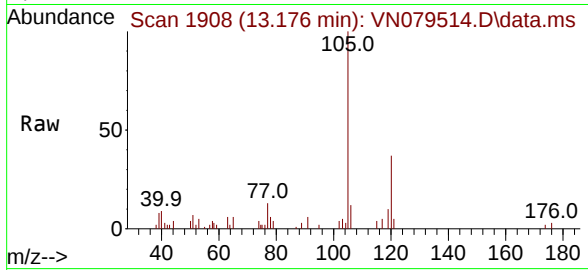




#80
 1,3,5-Trimethylbenzene
 Concen: 1.262 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN079514.D
 Acq: 11 Oct 2023 14:00

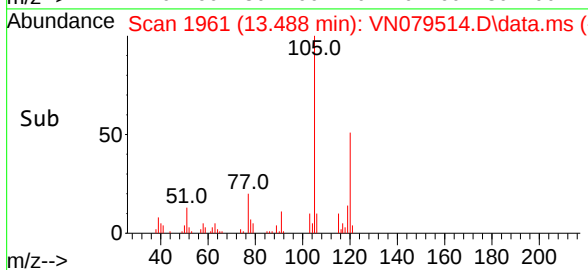
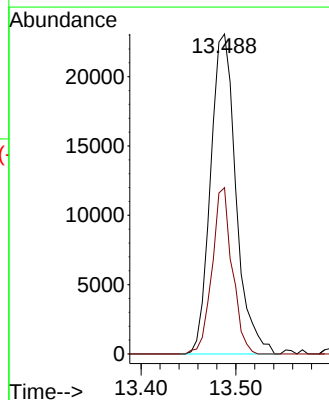
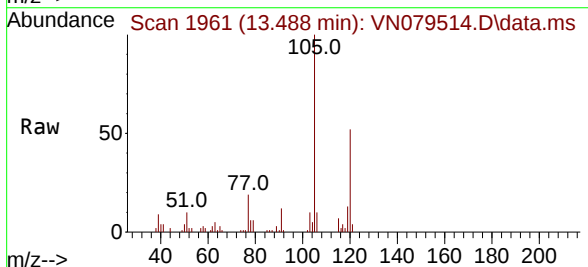
Instrument :
 MSVOA_N
 ClientSampleId :
 S-9DL

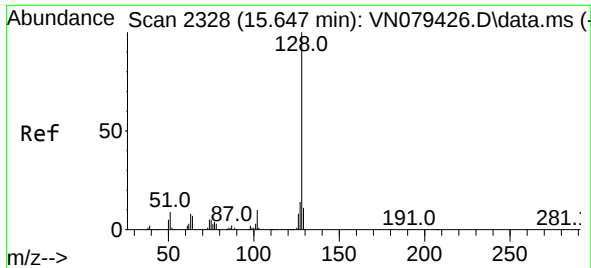
Tgt Ion:105 Resp: 19060
 Ion Ratio Lower Upper
 105 100
 120 44.4 24.1 72.3



#84
 1,2,4-Trimethylbenzene
 Concen: 2.985 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. -0.000 min
 Lab File: VN079514.D
 Acq: 11 Oct 2023 14:00

Tgt Ion:105 Resp: 43028
 Ion Ratio Lower Upper
 105 100
 120 41.2 22.0 66.0





#95

Naphthalene

Concen: 82.124 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079514.D

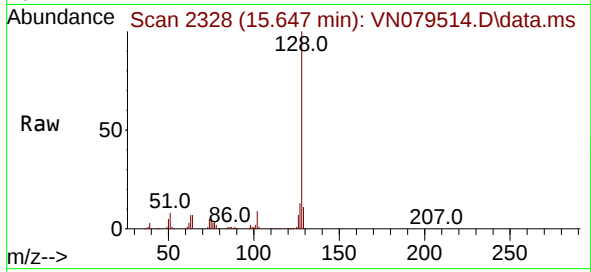
Acq: 11 Oct 2023 14:00

Instrument :

MSVOA_N

ClientSampleId :

S-9DL



Tgt Ion:128 Resp: 564398

Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

129 11.0 8.7 13.1

