

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111822\
 Data File : VN075326.D
 Acq On : 18 Nov 2022 20:40
 Operator : JC\MD
 Sample : N5670-01 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1-DRUM

Quant Time: Nov 19 05:13:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

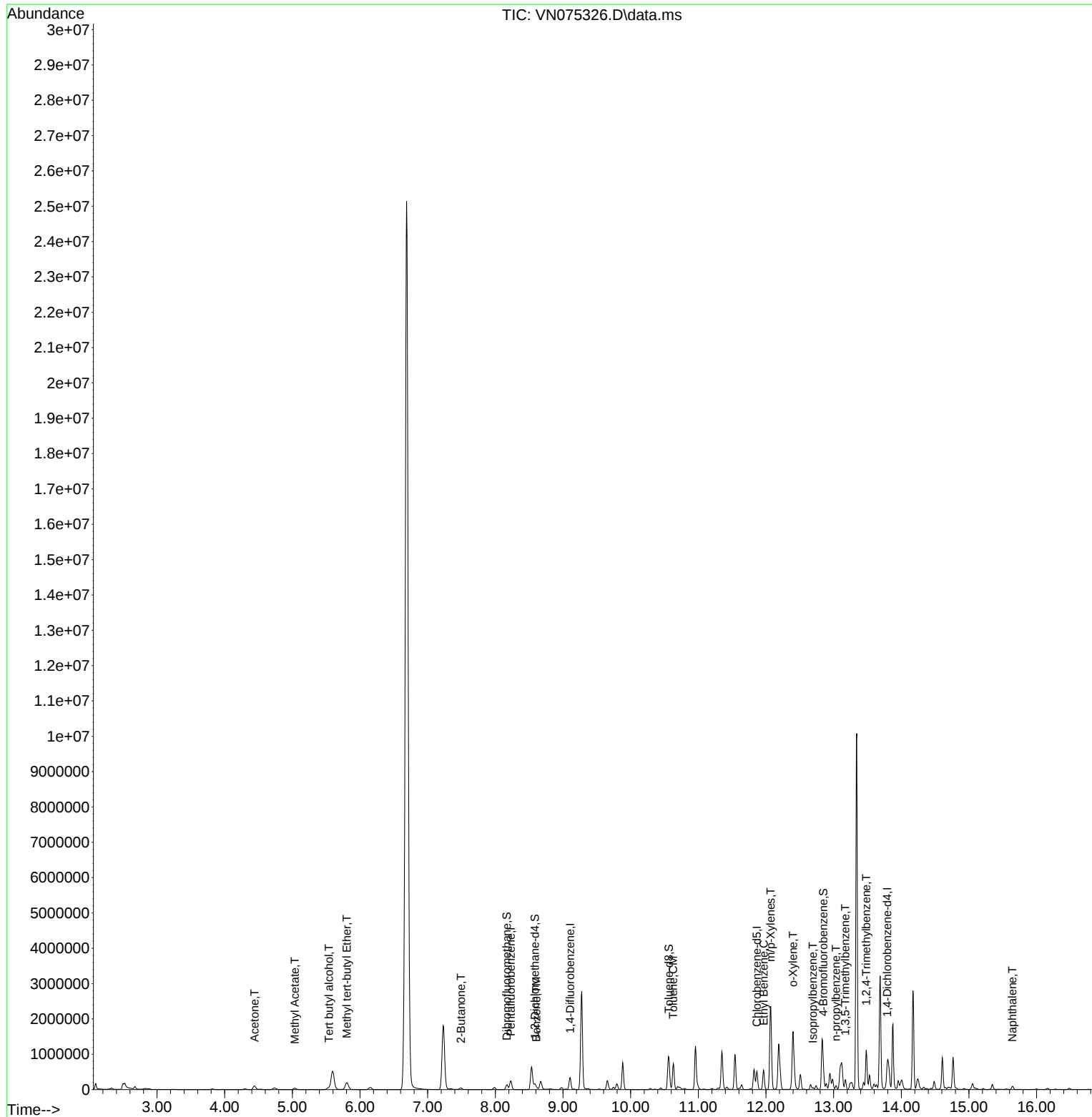
Internal Standards						
1) Pentafluorobenzene	8.230	168	197707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	323446	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	311217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	167667	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	110942	41.647	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	83.300%		
35) Dibromofluoromethane	8.171	113	100032	52.682	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.360%		
50) Toluene-d8	10.565	98	381836	51.832	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.660%		
62) 4-Bromofluorobenzene	12.847	95	144967	56.019	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	112.040%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.542	59	167387	269.447	ug/l #	88
16) Acetone	4.442	43	194850	172.747	ug/l	93
18) Methyl Acetate	5.036	43	83029	22.535	ug/l	95
19) Methyl tert-butyl Ether	5.806	73	353152	45.338	ug/l	99
25) 2-Butanone	7.494	43	68555	38.641	ug/l	100
40) Benzene	8.606	78	49777	5.530	ug/l	99
52) Toluene	10.629	92	344890	57.322	ug/l	100
67) Ethyl Benzene	11.965	91	417536	34.935	ug/l	98
68) m/p-Xylenes	12.070	106	810595	169.029	ug/l	98
69) o-Xylene	12.400	106	462295	97.478	ug/l	100
73) Isopropylbenzene	12.694	105	35007	2.601	ug/l	97
78) n-propylbenzene	13.035	91	85066	5.629	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	154176	13.637	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	639717	55.924	ug/l	99
95) Naphthalene	15.641	128	49200	5.154	ug/l	99

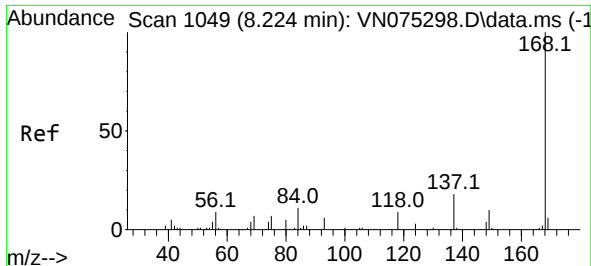
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111822\
Data File : VN075326.D
Acq On : 18 Nov 2022 20:40
Operator : JC\MD
Sample : N5670-01 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1-DRUM

Quant Time: Nov 19 05:13:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration

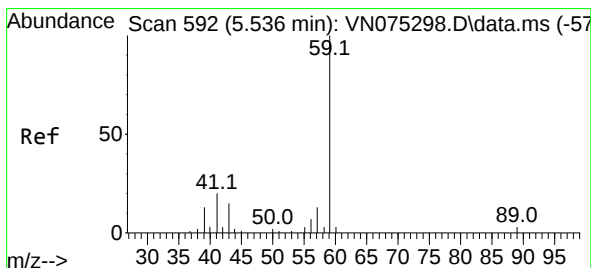
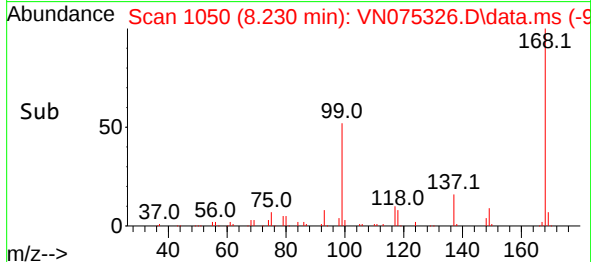
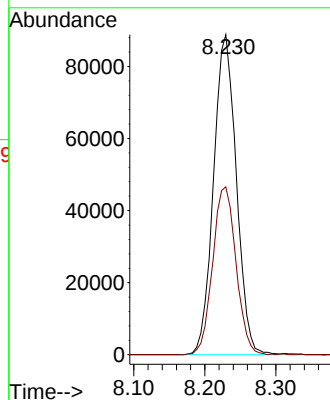
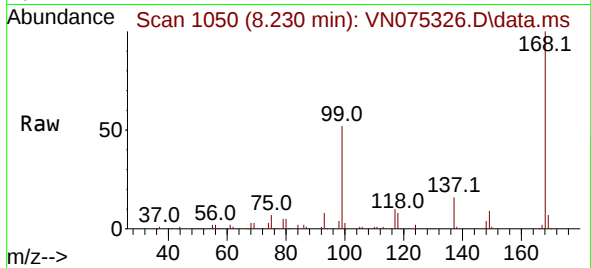




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075326.D
Acq: 18 Nov 2022 20:40

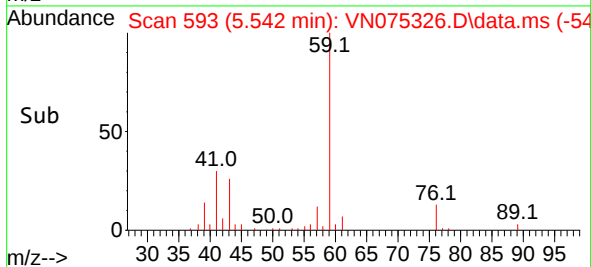
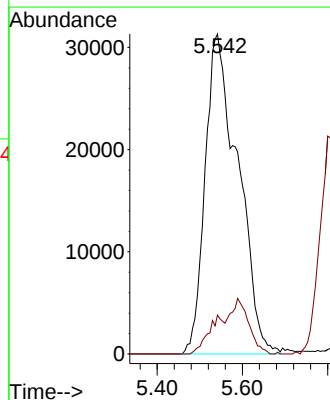
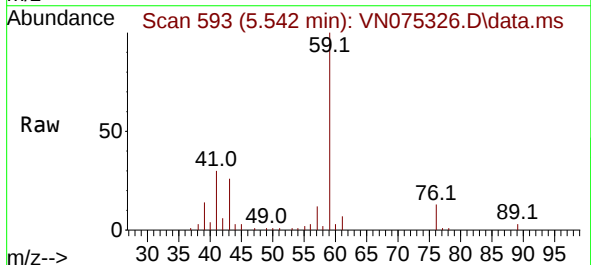
Instrument :
MSVOA_N
ClientSampleId :
1-DRUM

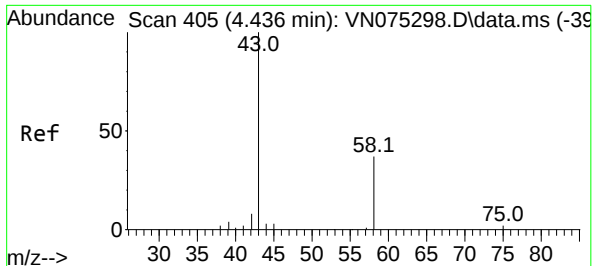
Tgt Ion:168 Resp: 197707
Ion Ratio Lower Upper
168 100
99 52.4 51.6 77.4



#11
Tert butyl alcohol
Concen: 269.447 ug/l
RT: 5.542 min Scan# 593
Delta R.T. -0.000 min
Lab File: VN075326.D
Acq: 18 Nov 2022 20:40

Tgt Ion: 59 Resp: 167387
Ion Ratio Lower Upper
59 100
57 6.0 8.5 12.7#

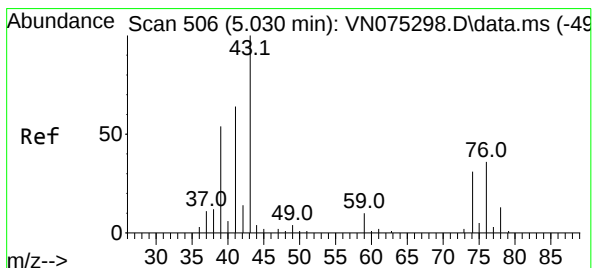
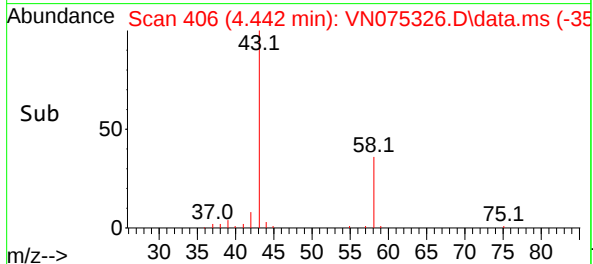
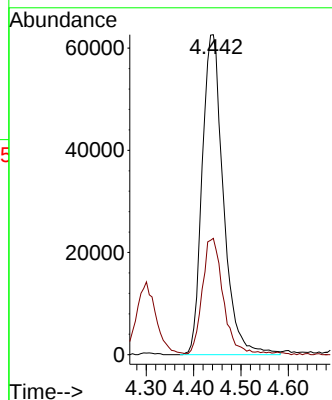
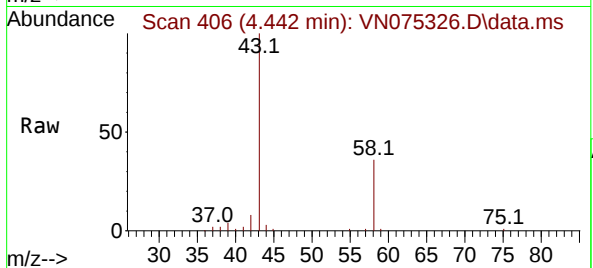




#16
Acetone
Concen: 172.747 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075326.D
Acq: 18 Nov 2022 20:40

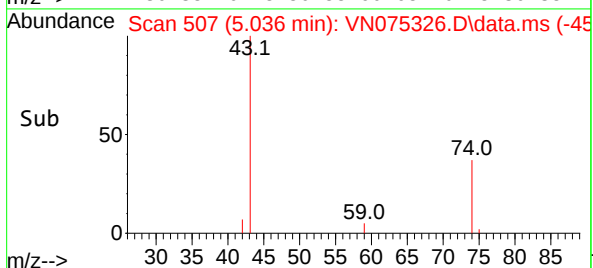
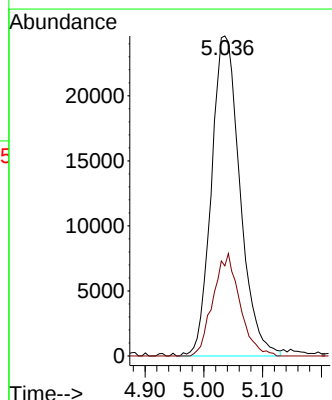
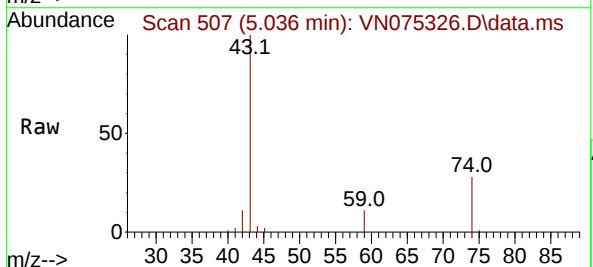
Instrument :
MSVOA_N
ClientSampleId :
1-DRUM

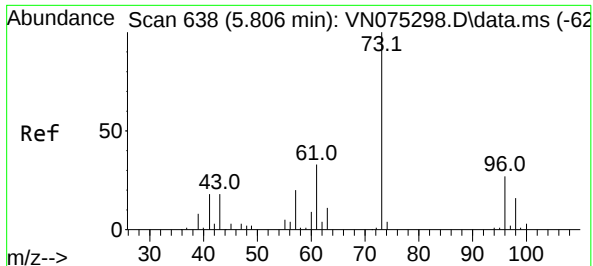
Tgt Ion: 43 Resp: 194850
Ion Ratio Lower Upper
43 100
58 35.7 25.5 38.3



#18
Methyl Acetate
Concen: 22.535 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN075326.D
Acq: 18 Nov 2022 20:40

Tgt Ion: 43 Resp: 83029
Ion Ratio Lower Upper
43 100
74 29.9 22.0 33.0

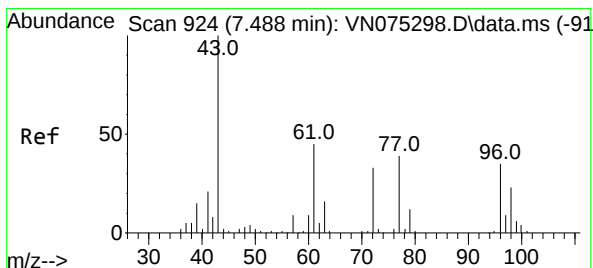
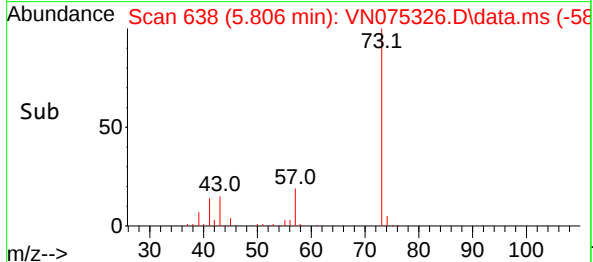
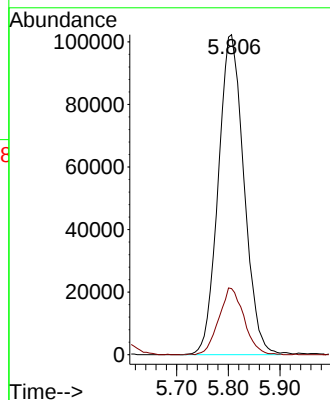
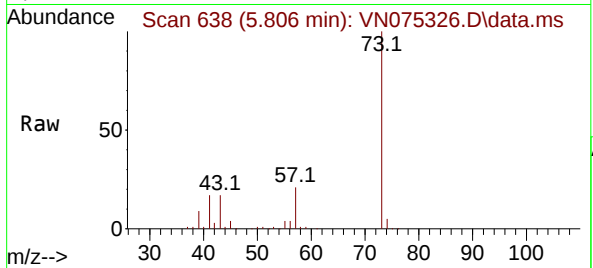




#19
Methyl tert-butyl Ether
Concen: 45.338 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075326.D
Acq: 18 Nov 2022 20:40

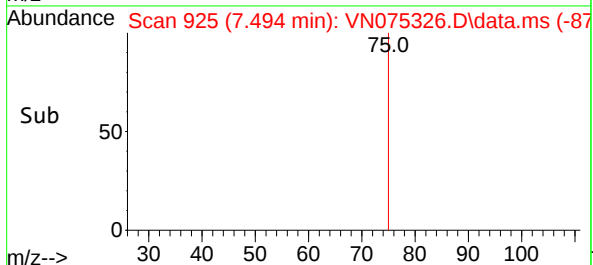
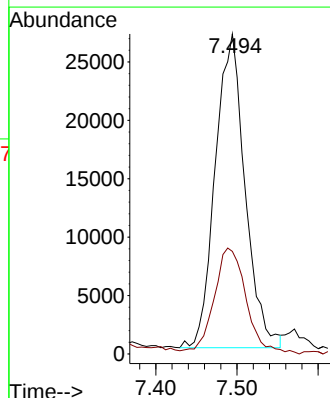
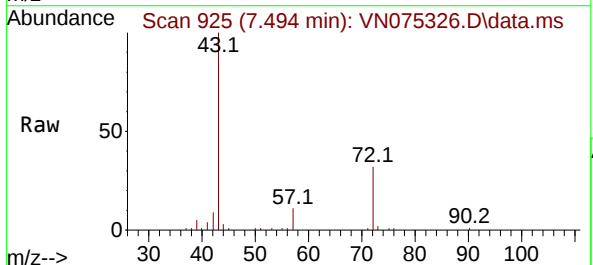
Instrument :
MSVOA_N
ClientSampleId :
1-DRUM

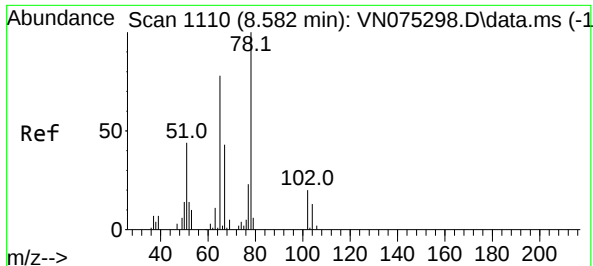
Tgt Ion: 73 Resp: 353152
Ion Ratio Lower Upper
73 100
57 20.6 16.3 24.5



#25
2-Butanone
Concen: 38.641 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.000 min
Lab File: VN075326.D
Acq: 18 Nov 2022 20:40

Tgt Ion: 43 Resp: 68555
Ion Ratio Lower Upper
43 100
72 31.6 25.5 38.3





#33

1,2-Dichloroethane-d4

Concen: 41.647 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.006 min

Lab File: VN075326.D

Acq: 18 Nov 2022 20:40

Instrument :

MSVOA_N

ClientSampleId :

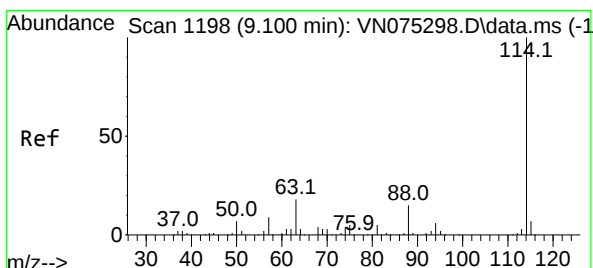
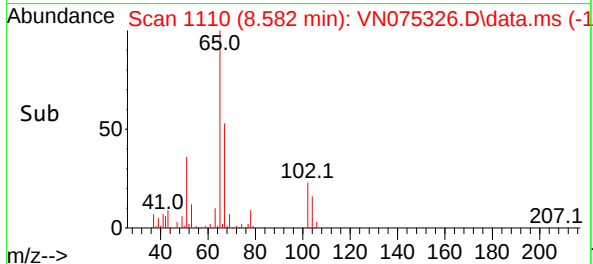
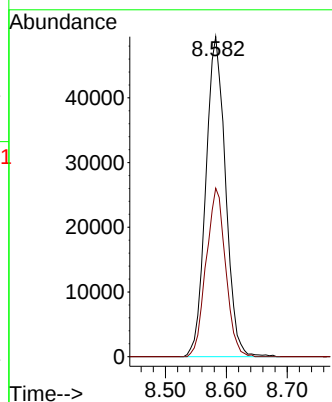
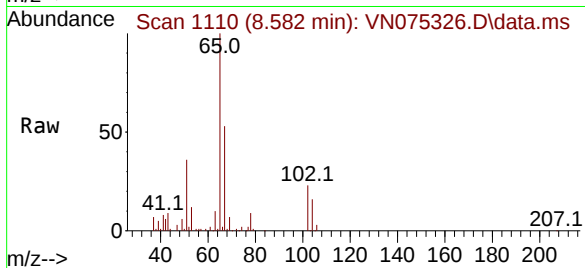
1-DRUM

Tgt Ion: 65 Resp: 110942

Ion Ratio Lower Upper

65 100

67 52.0 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075326.D

Acq: 18 Nov 2022 20:40

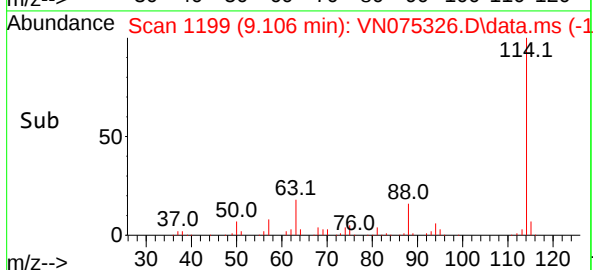
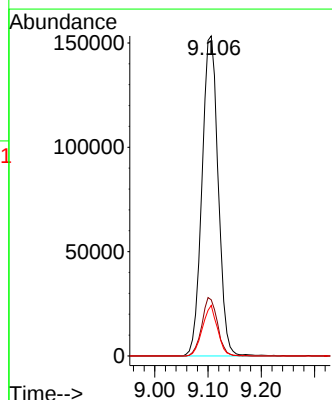
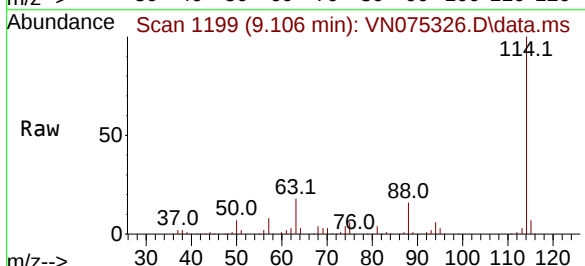
Tgt Ion: 114 Resp: 323446

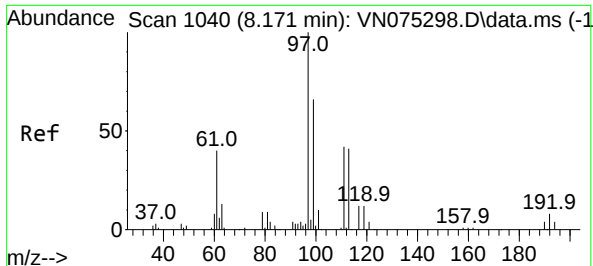
Ion Ratio Lower Upper

114 100

63 17.5 0.0 39.6

88 15.8 0.0 29.0





#35

Dibromofluoromethane

Concen: 52.682 ug/l

RT: 8.171 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VN075326.D

Acq: 18 Nov 2022 20:40

Instrument :

MSVOA_N

ClientSampleId :

1-DRUM

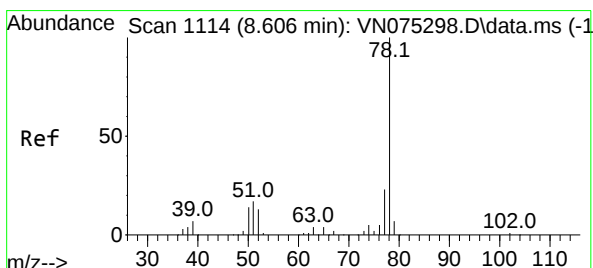
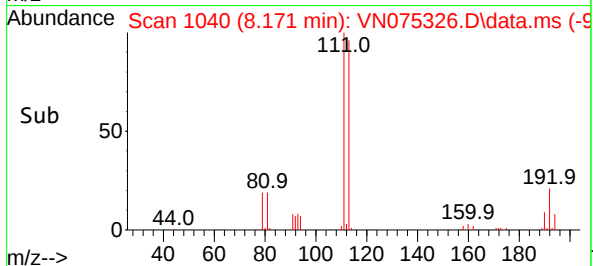
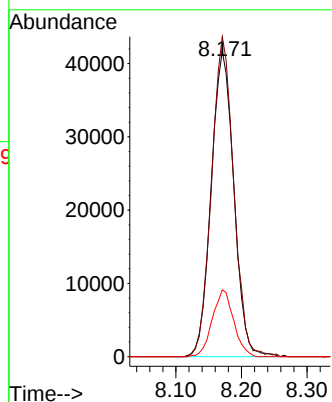
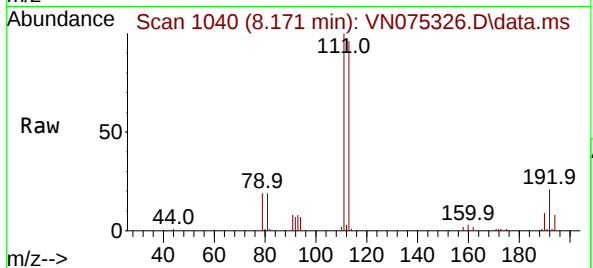
Tgt Ion:113 Resp: 100032

Ion Ratio Lower Upper

113 100

111 102.3 80.5 120.7

192 20.5 13.2 19.8#



#40

Benzene

Concen: 5.530 ug/l

RT: 8.606 min Scan# 1114

Delta R.T. -0.006 min

Lab File: VN075326.D

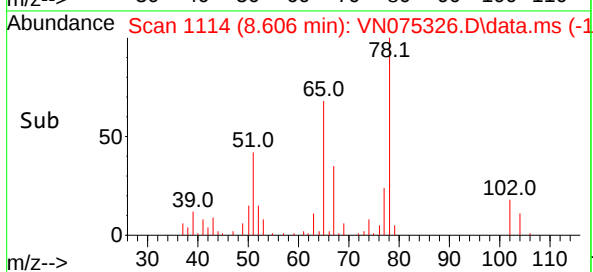
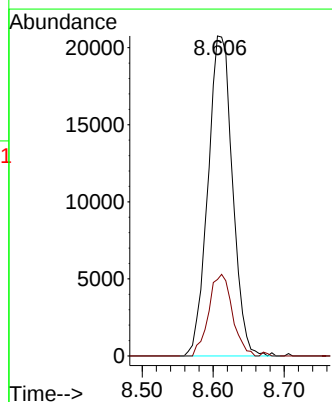
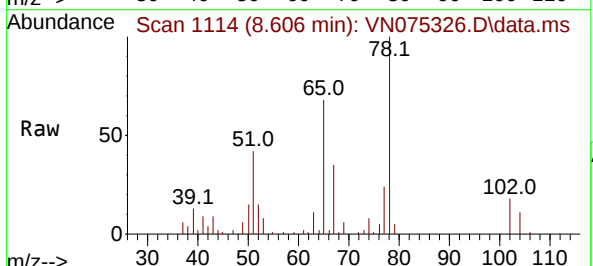
Acq: 18 Nov 2022 20:40

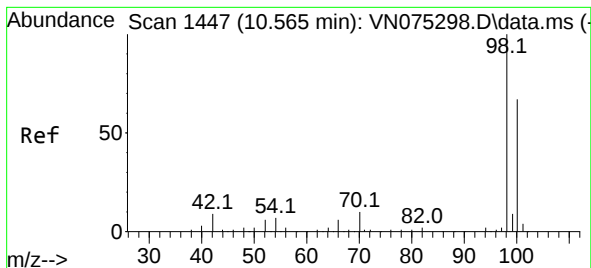
Tgt Ion: 78 Resp: 49777

Ion Ratio Lower Upper

78 100

77 23.9 19.4 29.0





#50

Toluene-d8

Concen: 51.832 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN075326.D

Acq: 18 Nov 2022 20:40

Instrument :

MSVOA_N

ClientSampleId :

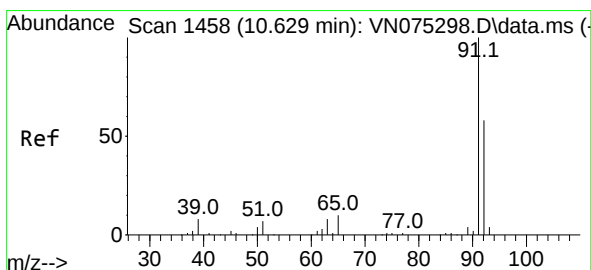
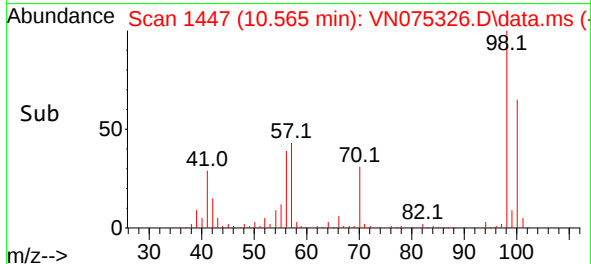
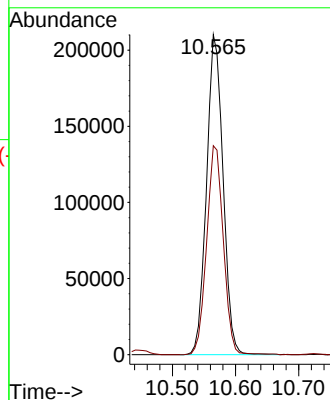
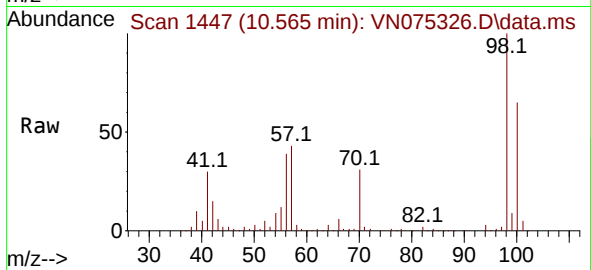
1-DRUM

Tgt Ion: 98 Resp: 381836

Ion Ratio Lower Upper

98 100

100 65.9 53.0 79.6



#52

Toluene

Concen: 57.322 ug/l

RT: 10.629 min Scan# 1458

Delta R.T. -0.006 min

Lab File: VN075326.D

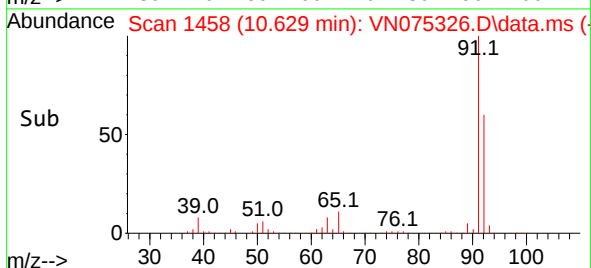
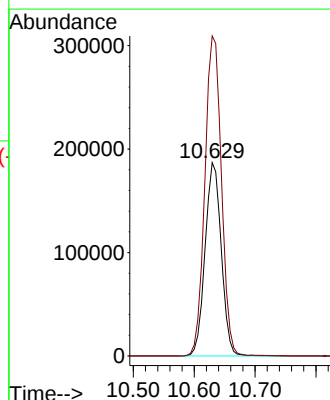
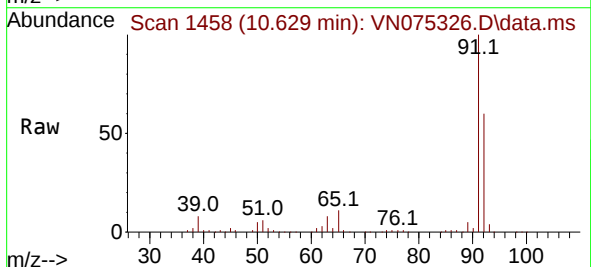
Acq: 18 Nov 2022 20:40

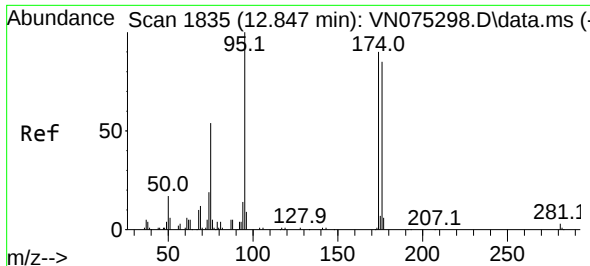
Tgt Ion: 92 Resp: 344890

Ion Ratio Lower Upper

92 100

91 169.8 135.4 203.2

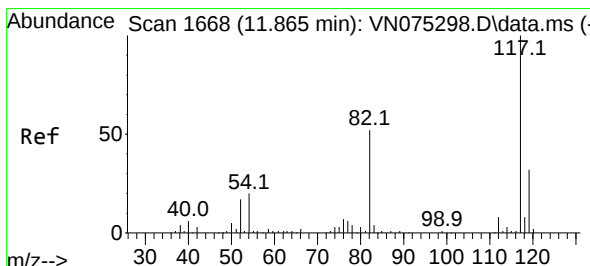
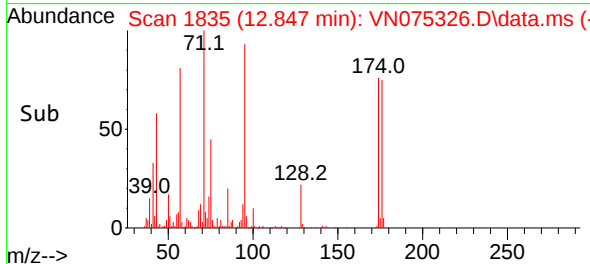
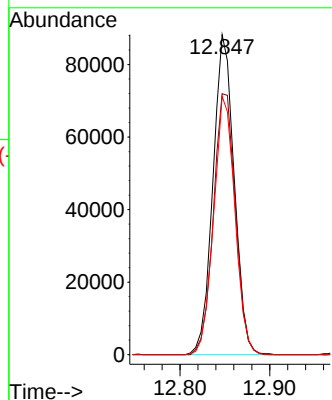
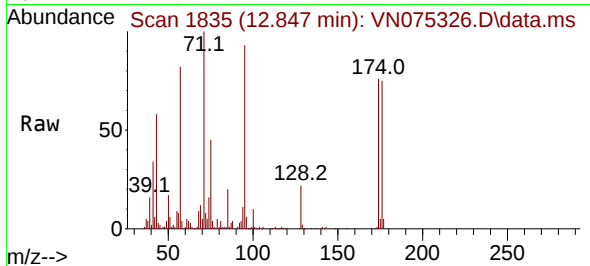




#62
4-Bromofluorobenzene
Concen: 56.019 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075326.D
Acq: 18 Nov 2022 20:40

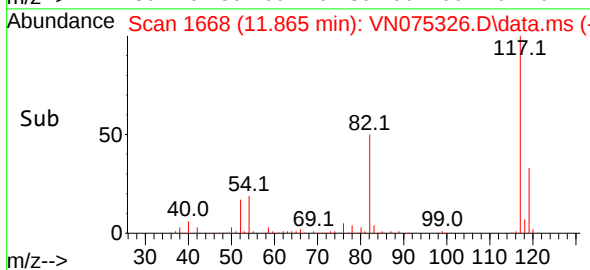
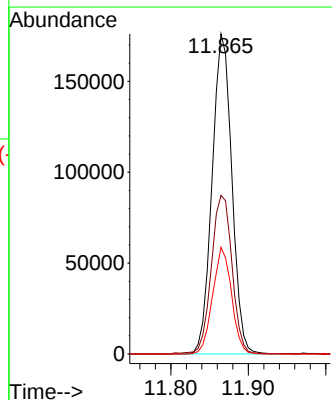
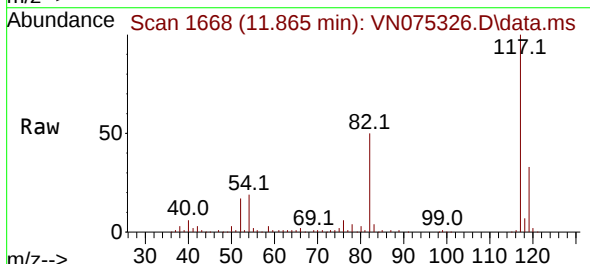
Instrument :
MSVOA_N
ClientSampleId :
1-DRUM

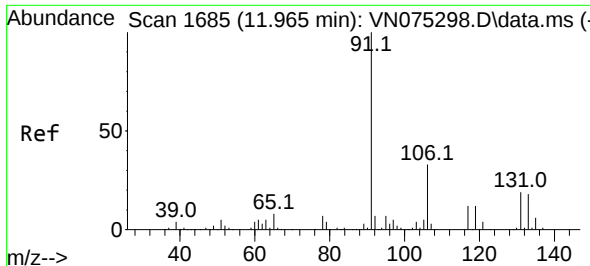
Tgt Ion: 95 Resp: 144967
Ion Ratio Lower Upper
95 100
174 84.7 0.0 147.4
176 80.8 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075326.D
Acq: 18 Nov 2022 20:40

Tgt Ion: 117 Resp: 311217
Ion Ratio Lower Upper
117 100
82 49.5 43.1 64.7
119 33.3 25.5 38.3

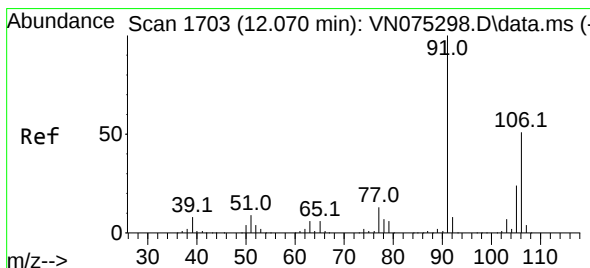
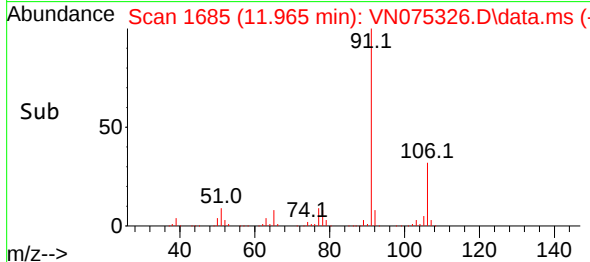
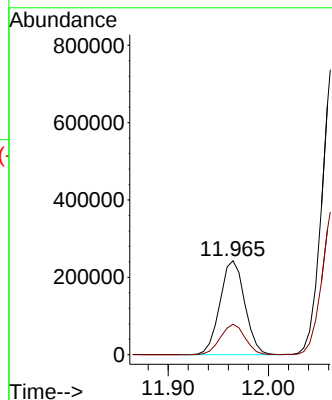
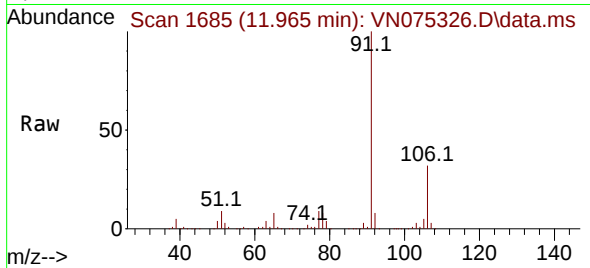




#67
Ethyl Benzene
Concen: 34.935 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075326.D
Acq: 18 Nov 2022 20:40

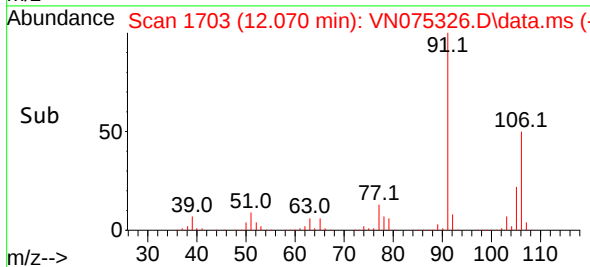
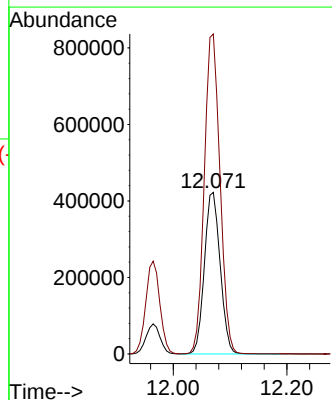
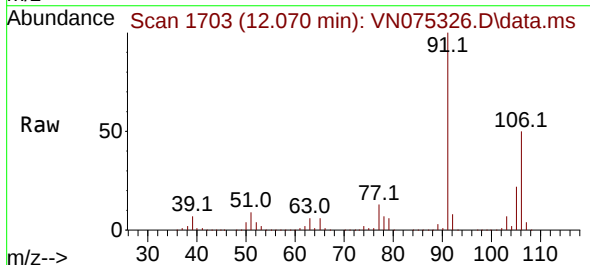
Instrument :
MSVOA_N
ClientSampleId :
1-DRUM

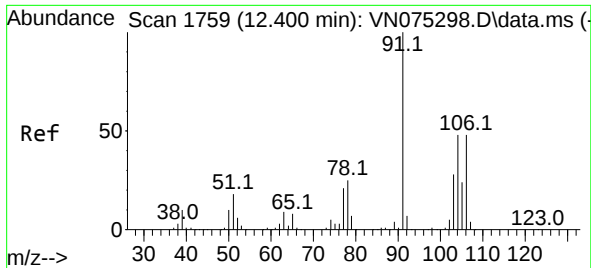
Tgt Ion: 91 Resp: 417536
Ion Ratio Lower Upper
91 100
106 32.5 24.9 37.3



#68
m/p-Xylenes
Concen: 169.029 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075326.D
Acq: 18 Nov 2022 20:40

Tgt Ion:106 Resp: 810595
Ion Ratio Lower Upper
106 100
91 197.2 156.0 234.0

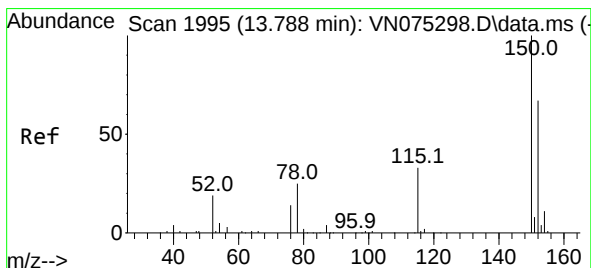
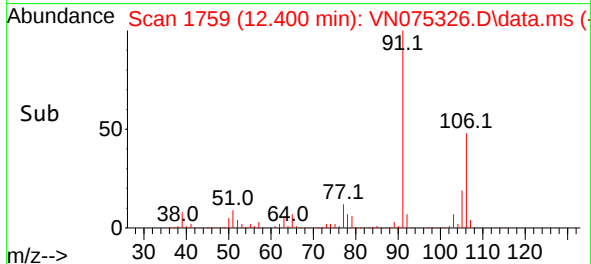
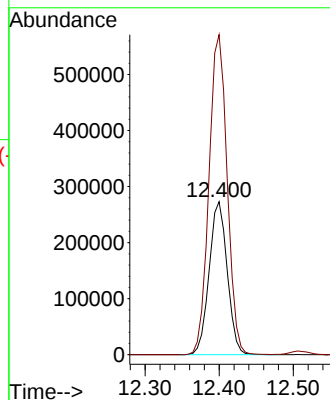
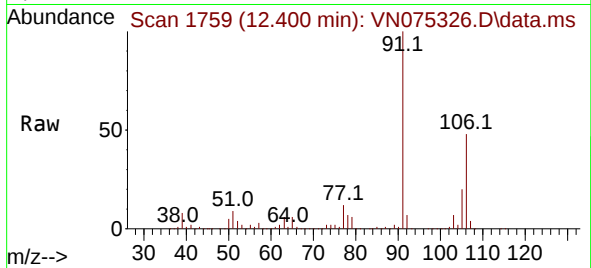




#69
o-Xylene
Concen: 97.478 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075326.D
Acq: 18 Nov 2022 20:40

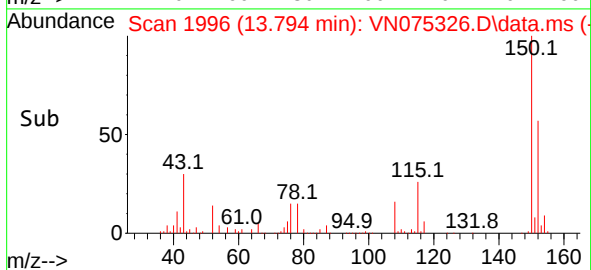
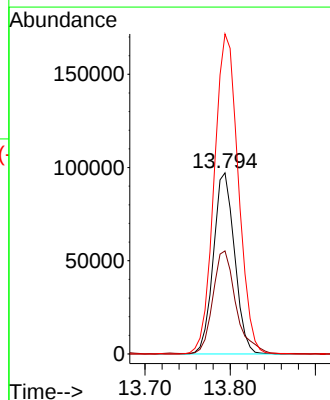
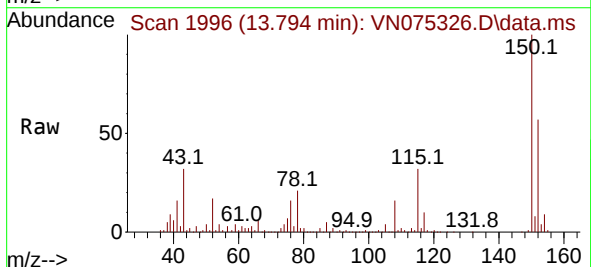
Instrument :
MSVOA_N
ClientSampleId :
1-DRUM

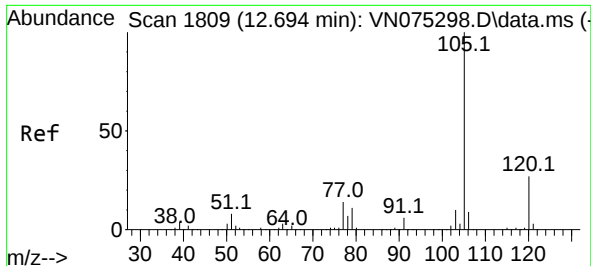
Tgt Ion:106 Resp: 462295
Ion Ratio Lower Upper
106 100
91 210.6 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075326.D
Acq: 18 Nov 2022 20:40

Tgt Ion:152 Resp: 167667
Ion Ratio Lower Upper
152 100
115 61.5 30.2 90.6
150 201.3 0.0 348.4

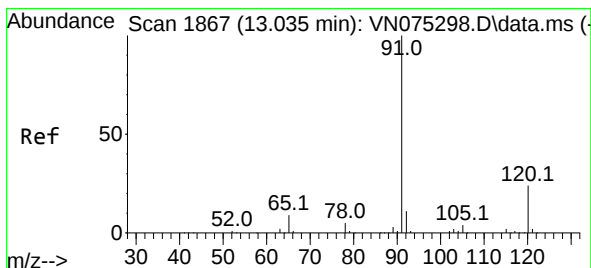
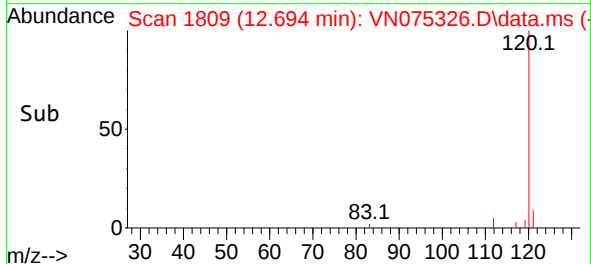
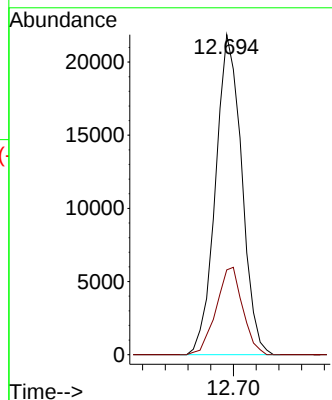
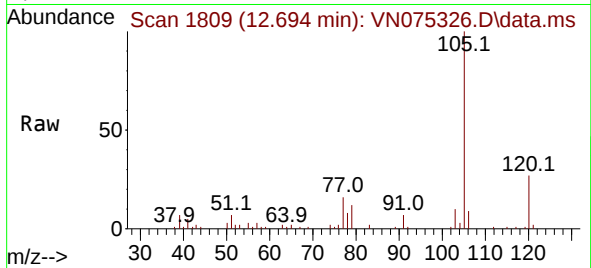




#73
Isopropylbenzene
Concen: 2.601 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN075326.D
Acq: 18 Nov 2022 20:40

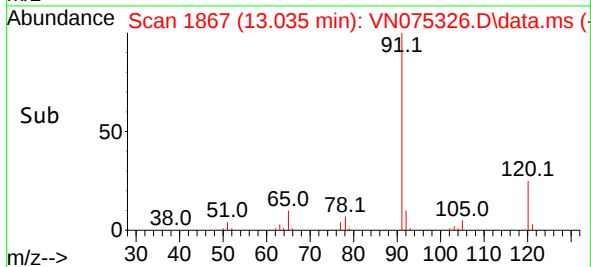
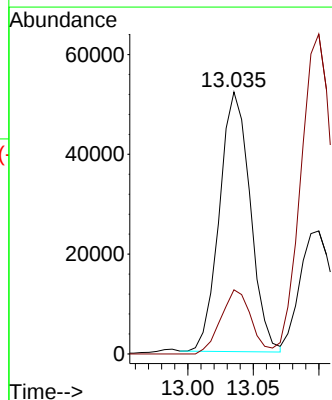
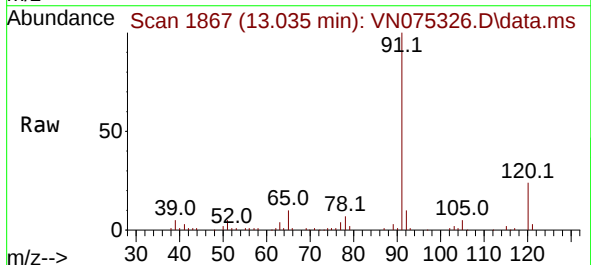
Instrument :
MSVOA_N
ClientSampleId :
1-DRUM

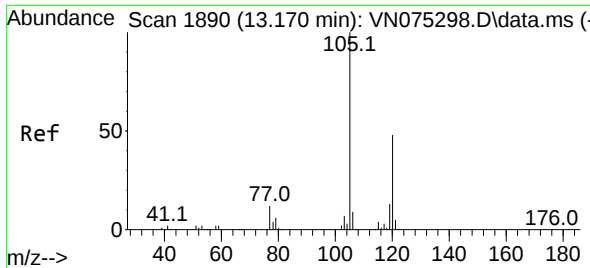
Tgt Ion:105 Resp: 35007
Ion Ratio Lower Upper
105 100
120 27.6 13.1 39.1



#78
n-propylbenzene
Concen: 5.629 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075326.D
Acq: 18 Nov 2022 20:40

Tgt Ion: 91 Resp: 85066
Ion Ratio Lower Upper
91 100
120 24.3 11.9 35.5

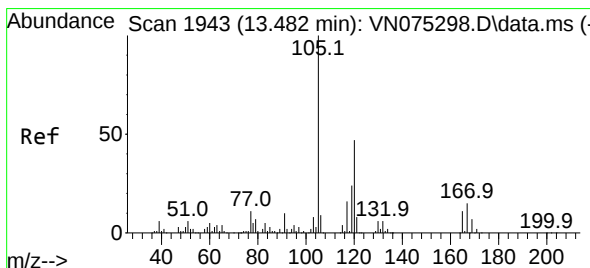
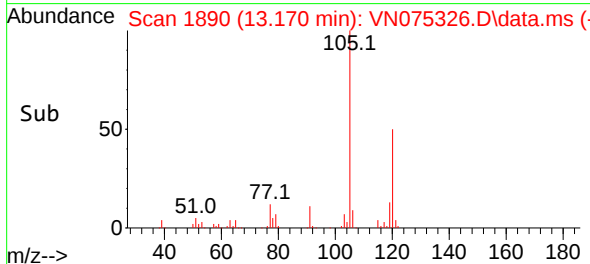
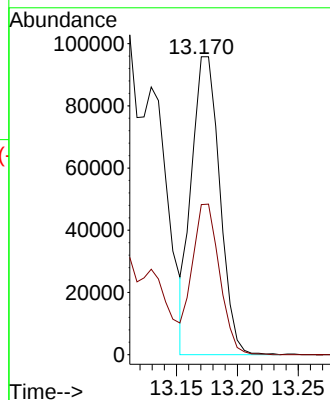
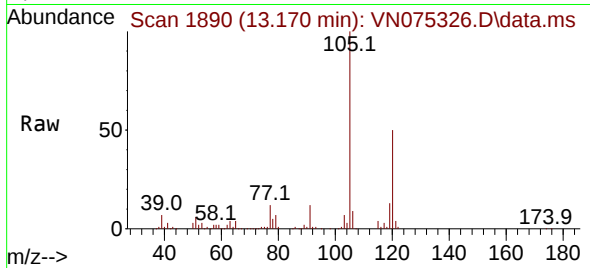




#80
 1,3,5-Trimethylbenzene
 Concen: 13.637 ug/l
 RT: 13.170 min Scan# 1890
 Delta R.T. -0.006 min
 Lab File: VN075326.D
 Acq: 18 Nov 2022 20:40

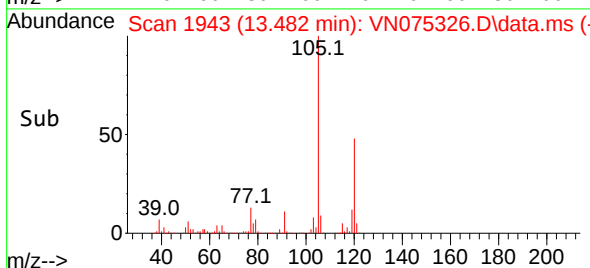
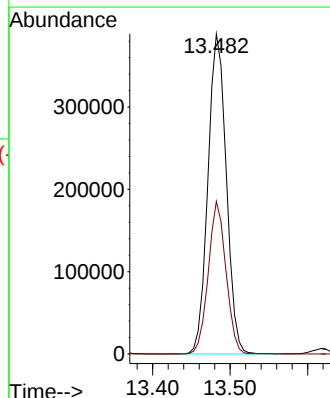
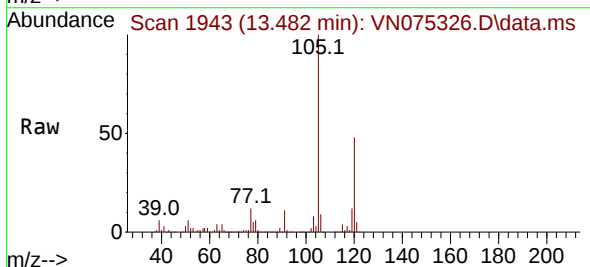
Instrument :
 MSVOA_N
 ClientSampleId :
 1-DRUM

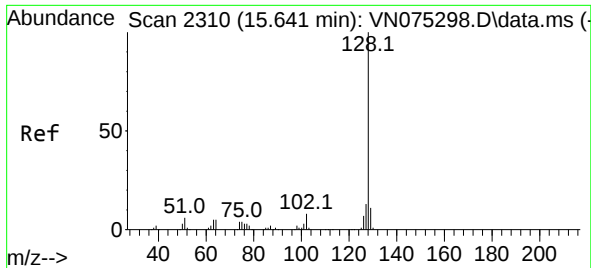
Tgt Ion:105 Resp: 154176
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.7 74.1



#84
 1,2,4-Trimethylbenzene
 Concen: 55.924 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. 0.000 min
 Lab File: VN075326.D
 Acq: 18 Nov 2022 20:40

Tgt Ion:105 Resp: 639717
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.7 68.1





#95

Naphthalene

Concen: 5.154 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075326.D

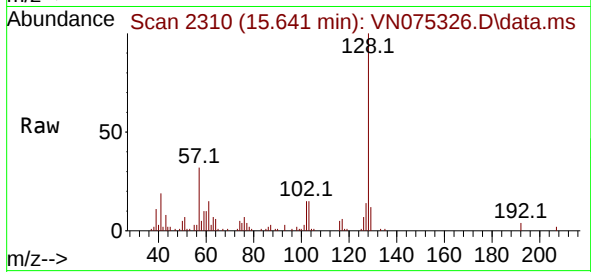
Acq: 18 Nov 2022 20:40

Instrument :

MSVOA_N

ClientSampleId :

1-DRUM



Tgt Ion:128 Resp: 49200

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.6 8.6 12.8

