

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111822\
 Data File : VN075324.D
 Acq On : 18 Nov 2022 19:52
 Operator : JC\MD
 Sample : N5669-01 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 40601

Quant Time: Nov 19 05:12:31 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)

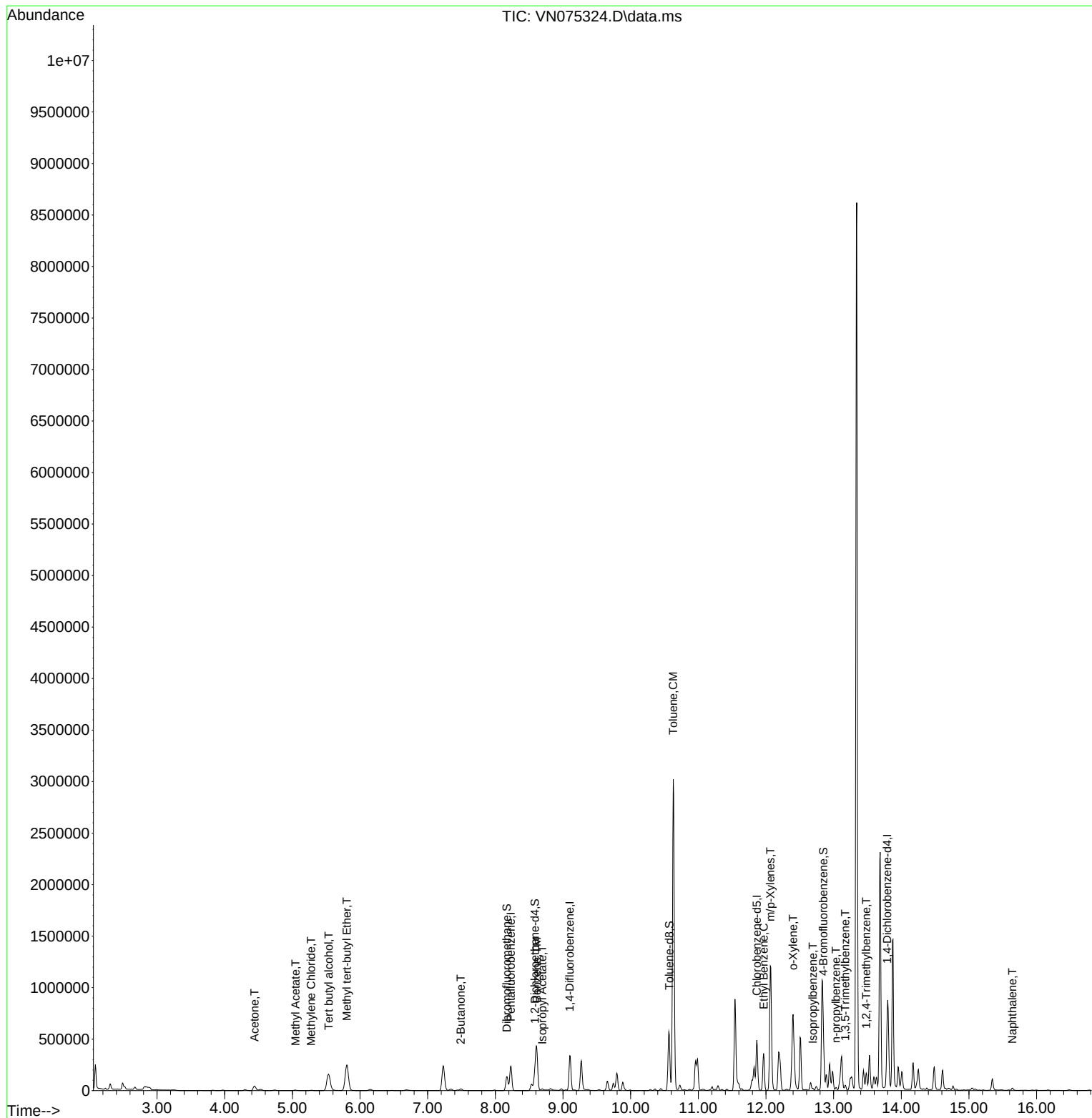
Internal Standards						
1) Pentafluorobenzene	8.230	168	190902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	320290	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	295645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	158966	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	111487	43.343	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.680%
35) Dibromofluoromethane	8.171	113	99751	53.052	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.100%
50) Toluene-d8	10.571	98	370376	50.772	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.540%
62) 4-Bromofluorobenzene	12.847	95	136169	53.138	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.280%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.536	59	329189	548.793	ug/l	99
16) Acetone	4.442	43	85169	78.200	ug/l	91
18) Methyl Acetate	5.047	43	11407	3.206	ug/l	97
19) Methyl tert-butyl Ether	5.806	73	459835	61.139	ug/l	98
20) Methylene Chloride	5.277	84	3337	1.374	ug/l #	83
25) 2-Butanone	7.488	43	27633	16.131	ug/l	98
40) Benzene	8.612	78	441708	49.558	ug/l	100
43) Isopropyl Acetate	8.694	43	19866	4.012	ug/l #	89
52) Toluene	10.629	92	1379899	231.602	ug/l	99
67) Ethyl Benzene	11.965	91	264883	23.330	ug/l	98
68) m/p-Xylenes	12.065	106	417181	91.574	ug/l	100
69) o-Xylene	12.400	106	202822	45.019	ug/l	98
73) Isopropylbenzene	12.694	105	13335	1.045	ug/l	94
78) n-propylbenzene	13.035	91	19788	1.381	ug/l	95
80) 1,3,5-Trimethylbenzene	13.170	105	24703	2.305	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	89711	8.272	ug/l	99
95) Naphthalene	15.641	128	20569	2.272	ug/l	100

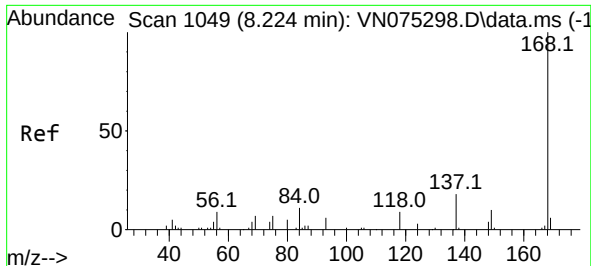
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111822\
Data File : VN075324.D
Acq On : 18 Nov 2022 19:52
Operator : JC\MD
Sample : N5669-01 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
40601

Quant Time: Nov 19 05:12:31 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

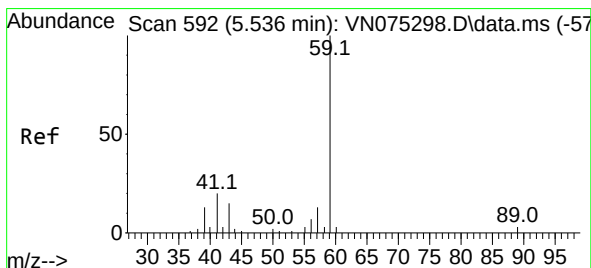
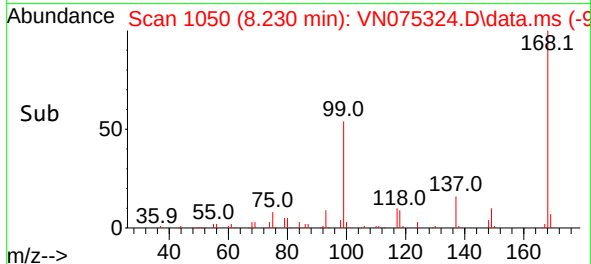
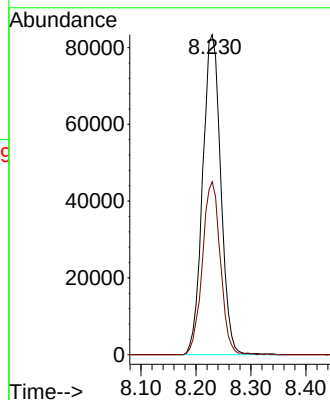
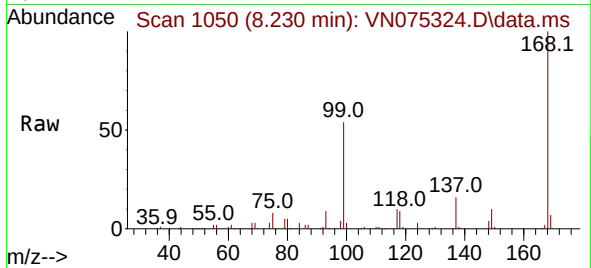




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VN075324.D
Acq: 18 Nov 2022 19:52

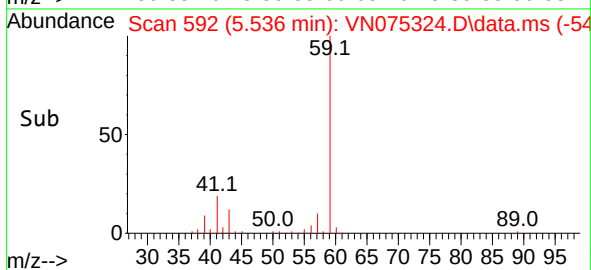
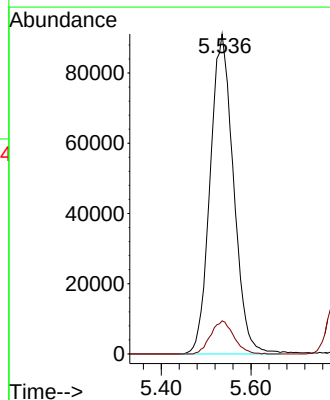
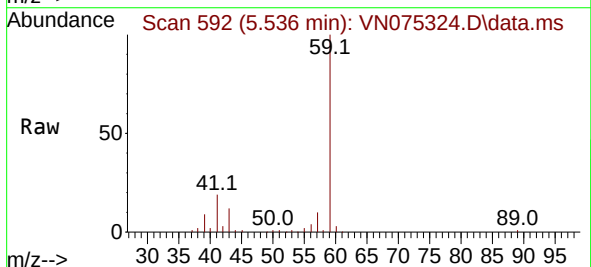
Instrument :
MSVOA_N
ClientSampleId :
40601

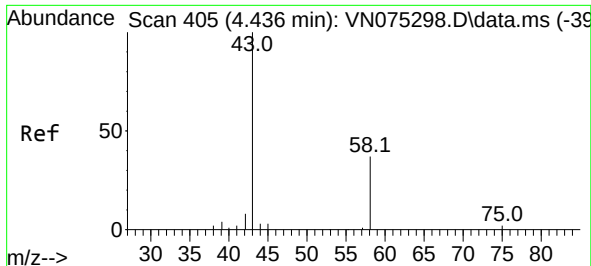
Tgt Ion:168 Resp: 190902
Ion Ratio Lower Upper
168 100
99 54.0 51.6 77.4



#11
Tert butyl alcohol
Concen: 548.793 ug/l
RT: 5.536 min Scan# 592
Delta R.T. -0.006 min
Lab File: VN075324.D
Acq: 18 Nov 2022 19:52

Tgt Ion: 59 Resp: 329189
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7

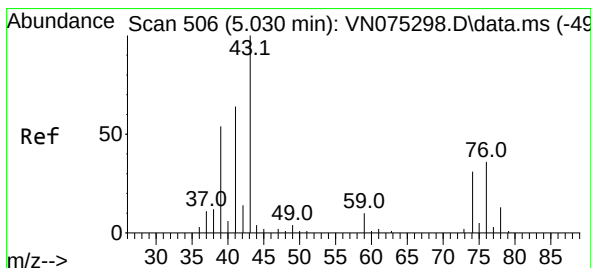
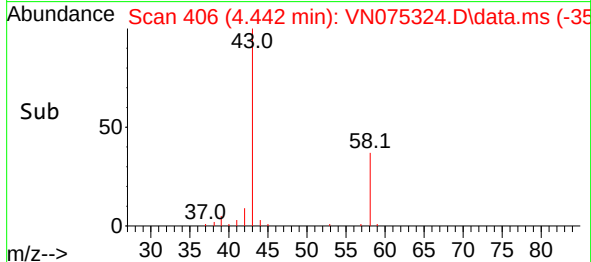
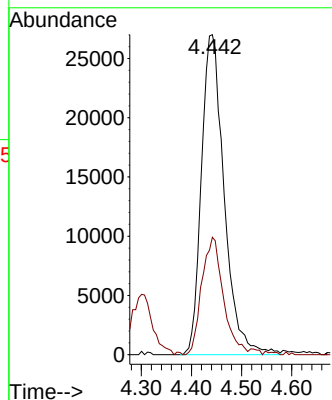
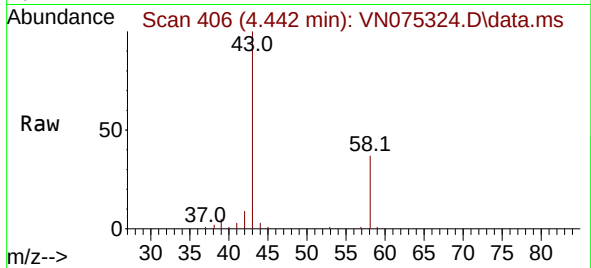




#16
Acetone
Concen: 78.200 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075324.D
Acq: 18 Nov 2022 19:52

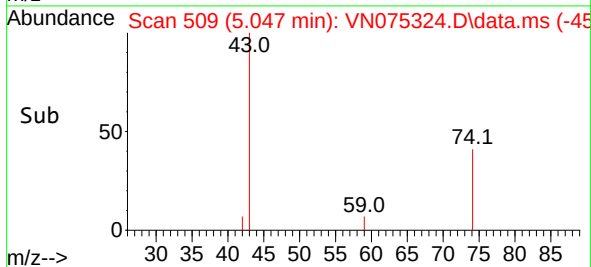
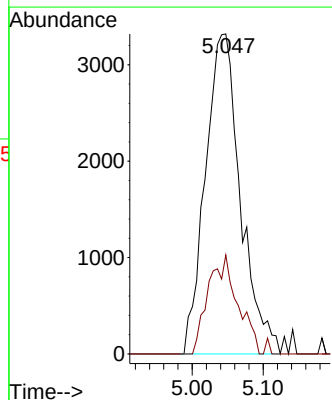
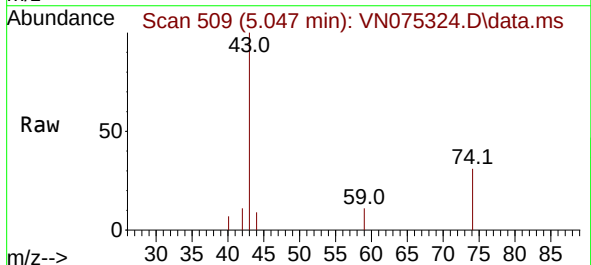
Instrument :
MSVOA_N
ClientSampleId :
40601

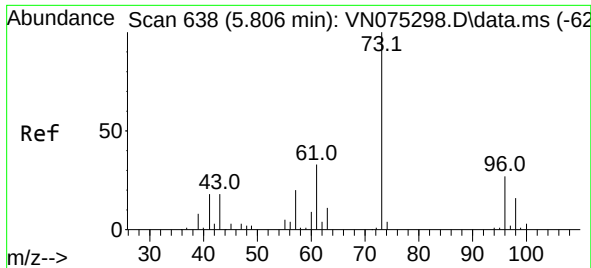
Tgt Ion: 43 Resp: 85169
Ion Ratio Lower Upper
43 100
58 36.7 25.5 38.3



#18
Methyl Acetate
Concen: 3.206 ug/l
RT: 5.047 min Scan# 509
Delta R.T. 0.005 min
Lab File: VN075324.D
Acq: 18 Nov 2022 19:52

Tgt Ion: 43 Resp: 11407
Ion Ratio Lower Upper
43 100
74 26.1 22.0 33.0

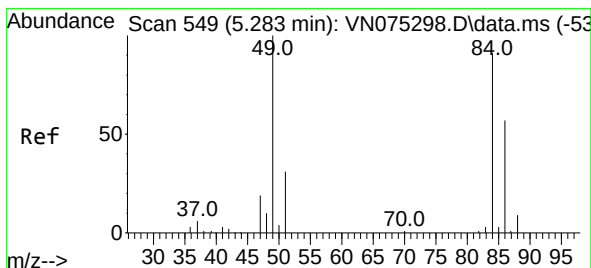
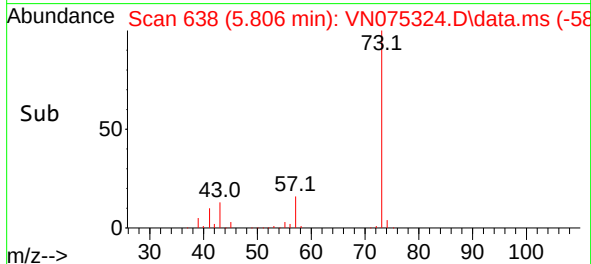
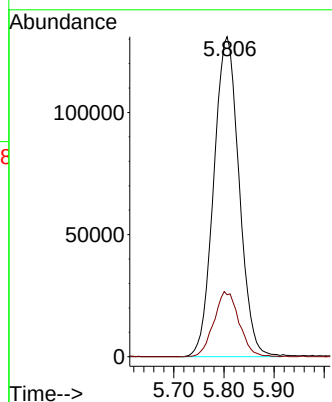
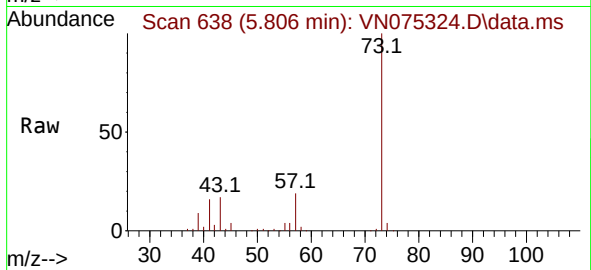




#19
Methyl tert-butyl Ether
Concen: 61.139 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075324.D
Acq: 18 Nov 2022 19:52

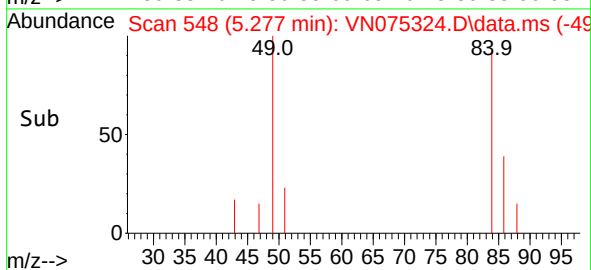
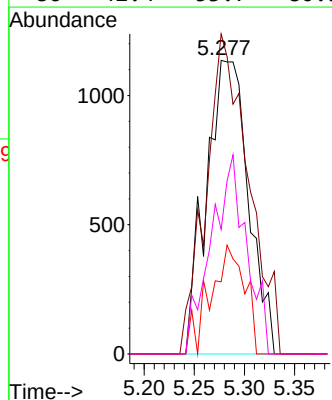
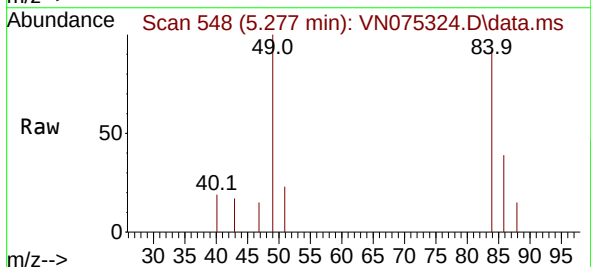
Instrument :
MSVOA_N
ClientSampleId :
40601

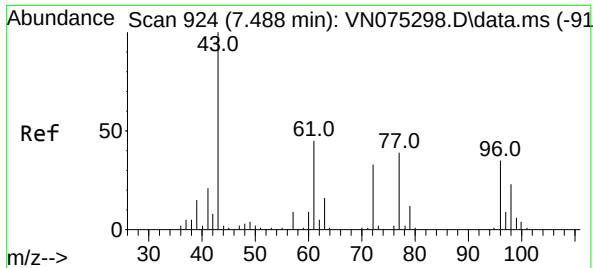
Tgt Ion: 73 Resp: 459835
Ion Ratio Lower Upper
73 100
57 19.4 16.3 24.5



#20
Methylene Chloride
Concen: 1.374 ug/l
RT: 5.277 min Scan# 548
Delta R.T. -0.006 min
Lab File: VN075324.D
Acq: 18 Nov 2022 19:52

Tgt Ion: 84 Resp: 3337
Ion Ratio Lower Upper
84 100
49 109.0 94.9 142.3
51 24.6 26.8 40.2#
86 42.4 53.7 80.5#

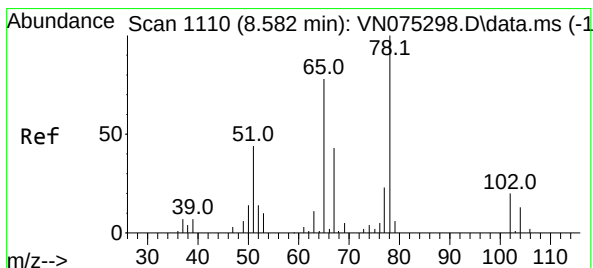
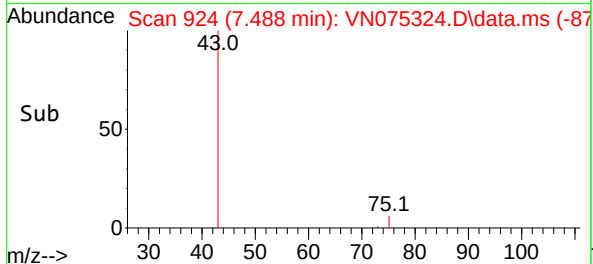
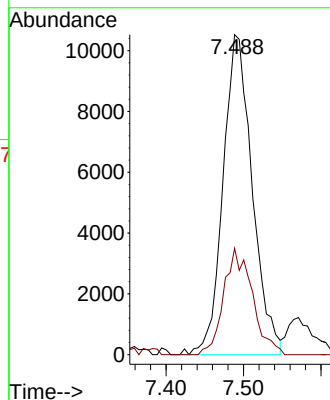
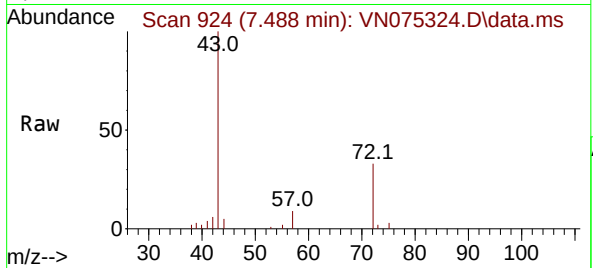




#25
2-Butanone
Concen: 16.131 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075324.D
Acq: 18 Nov 2022 19:52

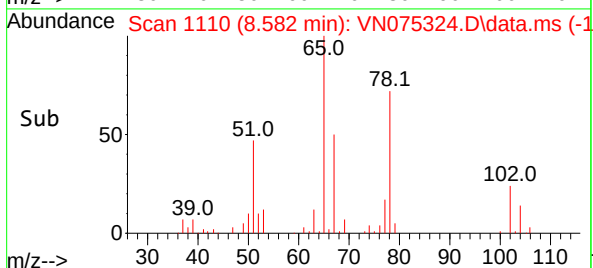
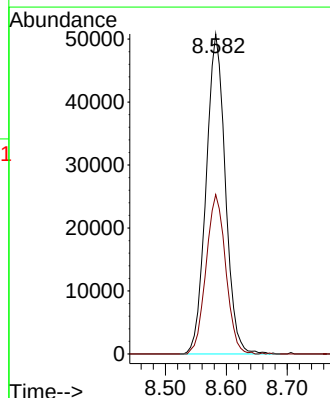
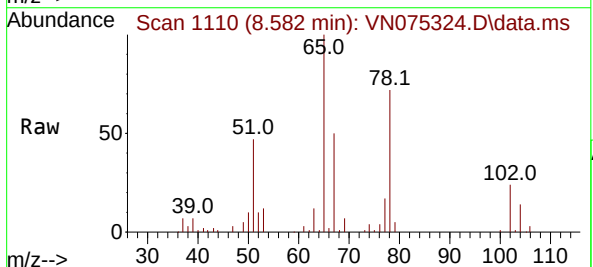
Instrument :
MSVOA_N
ClientSampleId :
40601

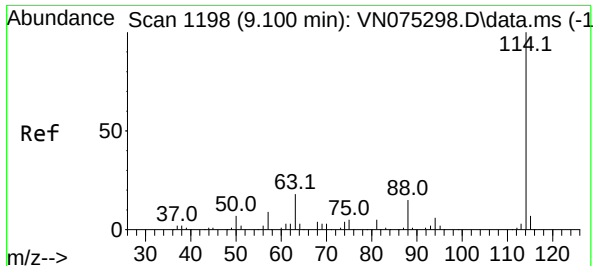
Tgt Ion: 43 Resp: 27633
Ion Ratio Lower Upper
43 100
72 33.2 25.5 38.3



#33
1,2-Dichloroethane-d4
Concen: 43.343 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VN075324.D
Acq: 18 Nov 2022 19:52

Tgt Ion: 65 Resp: 111487
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1198

Delta R.T. -0.006 min

Lab File: VN075324.D

Acq: 18 Nov 2022 19:52

Instrument :

MSVOA_N

ClientSampleId :

40601

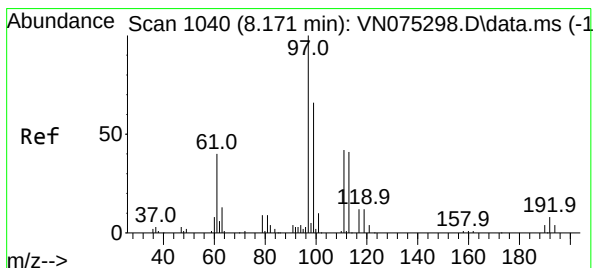
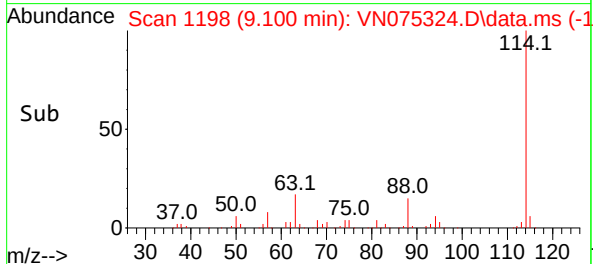
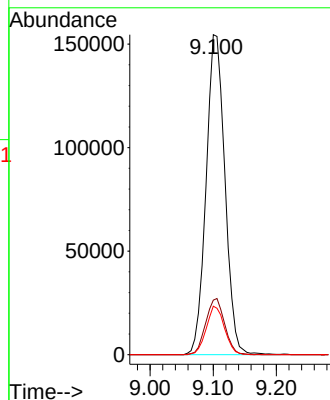
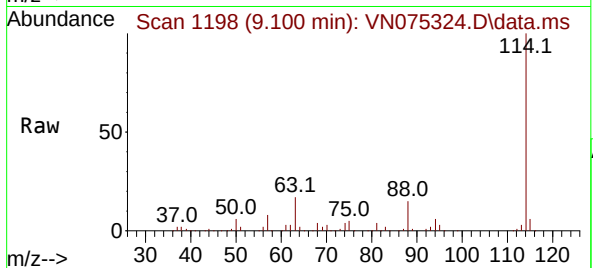
Tgt Ion:114 Resp: 320290

Ion Ratio Lower Upper

114 100

63 17.1 0.0 39.6

88 15.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 53.052 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075324.D

Acq: 18 Nov 2022 19:52

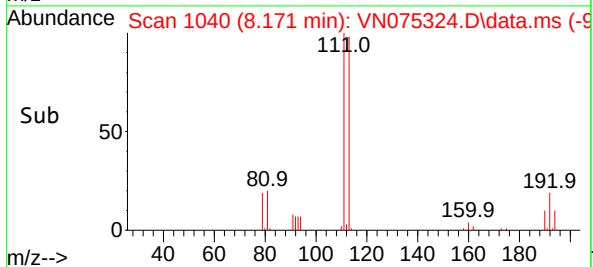
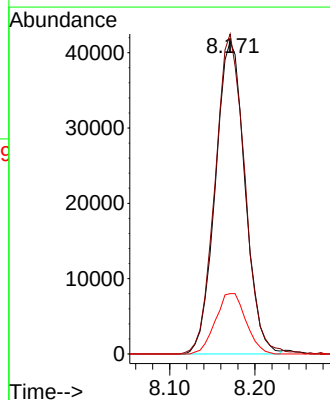
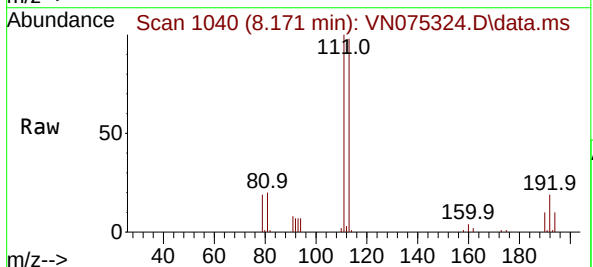
Tgt Ion:113 Resp: 99751

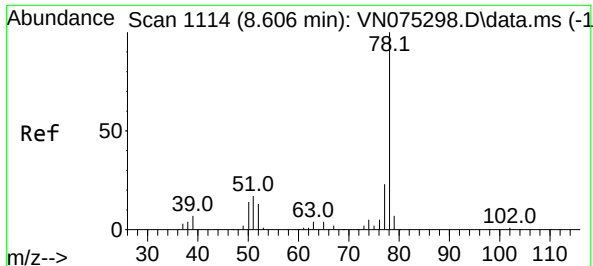
Ion Ratio Lower Upper

113 100

111 102.6 80.5 120.7

192 19.9 13.2 19.8#





#40

Benzene

Concen: 49.558 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075324.D

Acq: 18 Nov 2022 19:52

Instrument :

MSVOA_N

ClientSampleId :

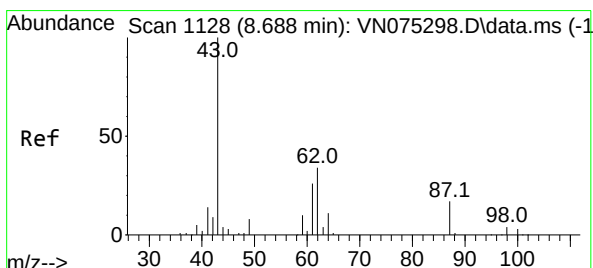
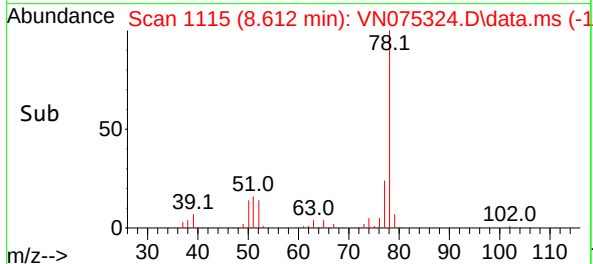
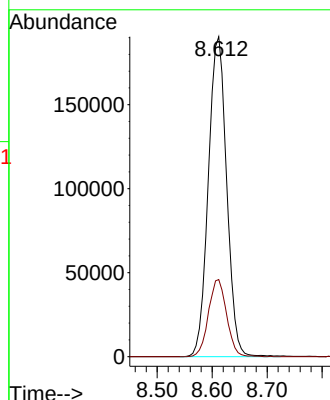
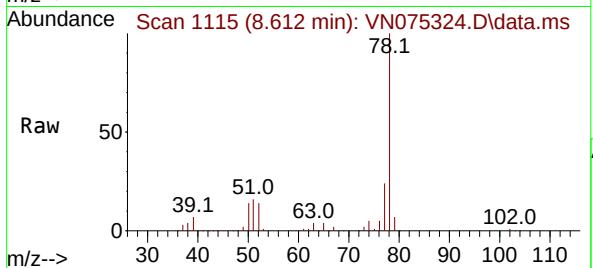
40601

Tgt Ion: 78 Resp: 441708

Ion Ratio Lower Upper

78 100

77 24.1 19.4 29.0



#43

Isopropyl Acetate

Concen: 4.012 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN075324.D

Acq: 18 Nov 2022 19:52

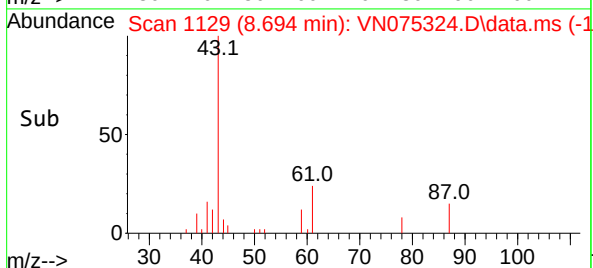
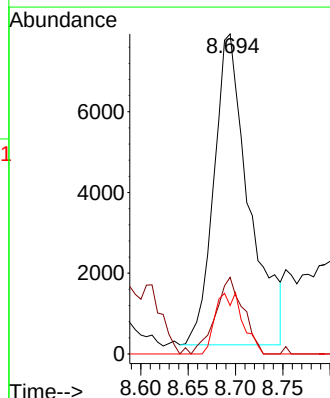
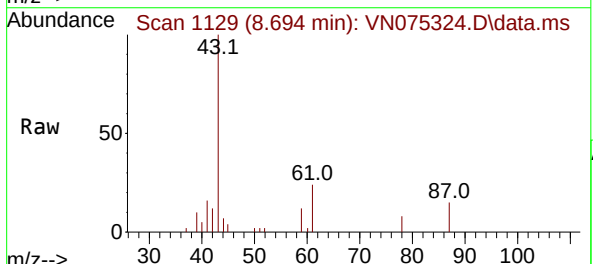
Tgt Ion: 43 Resp: 19866

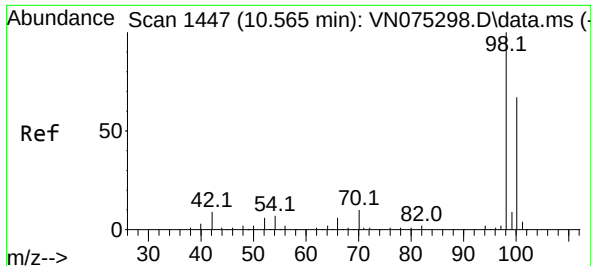
Ion Ratio Lower Upper

43 100

61 19.5 22.4 33.6

87 15.3 12.5 18.7

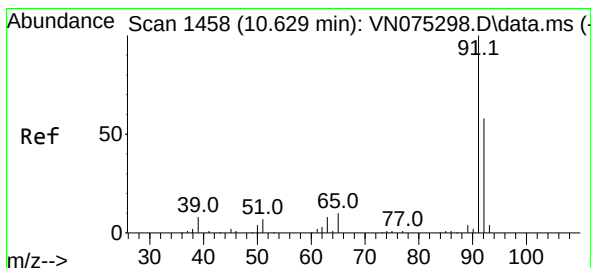
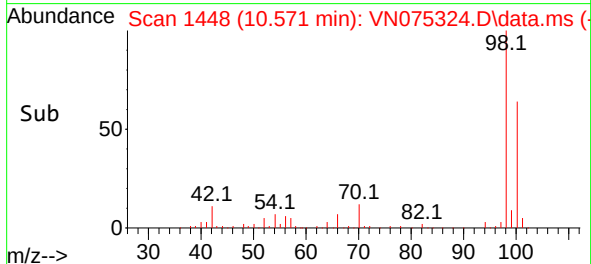
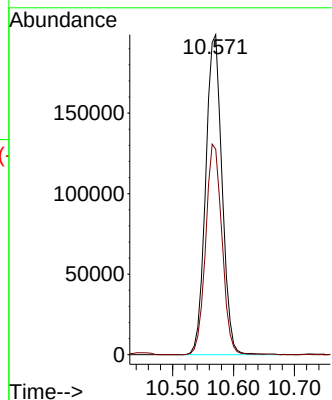
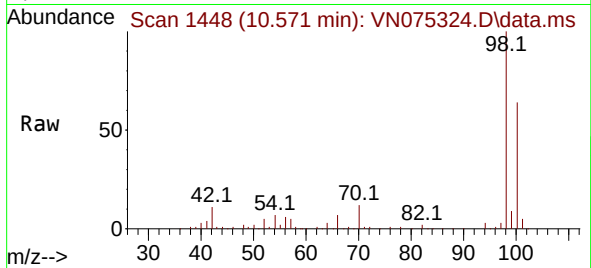




#50
Toluene-d8
Concen: 50.772 ug/l
RT: 10.571 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN075324.D
Acq: 18 Nov 2022 19:52

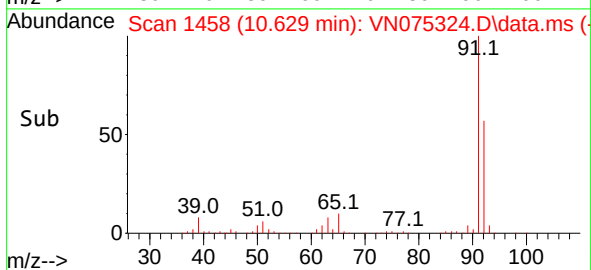
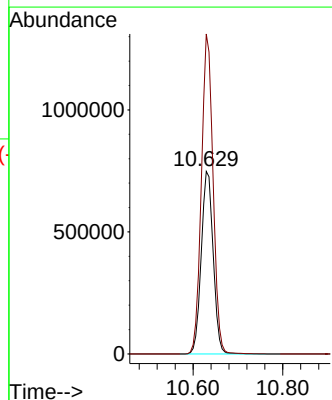
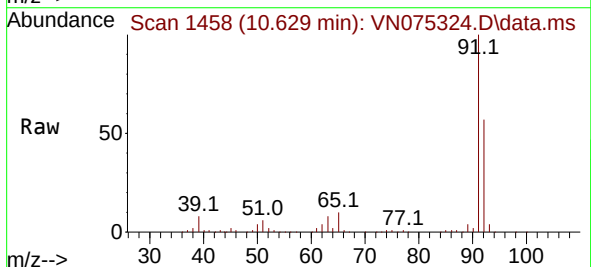
Instrument :
MSVOA_N
ClientSampleId :
40601

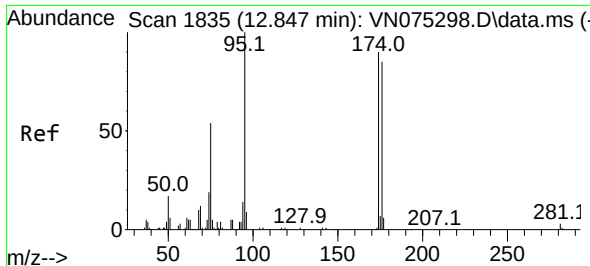
Tgt Ion: 98 Resp: 370376
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.6



#52
Toluene
Concen: 231.602 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075324.D
Acq: 18 Nov 2022 19:52

Tgt Ion: 92 Resp: 1379899
Ion Ratio Lower Upper
92 100
91 171.3 135.4 203.2

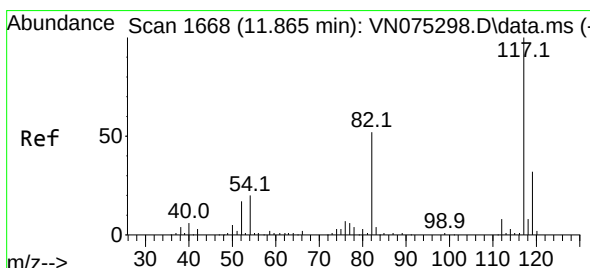
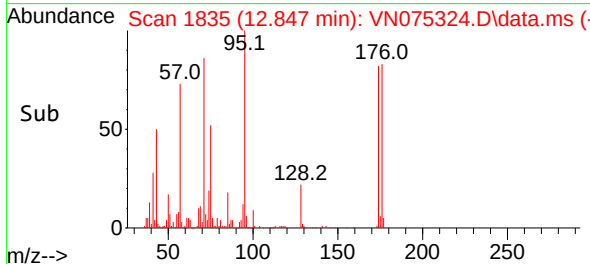
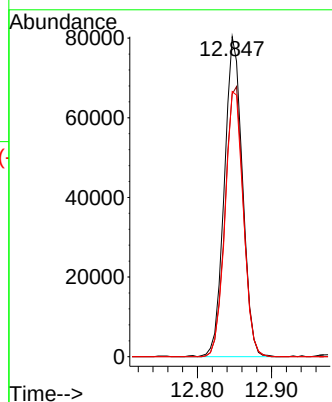
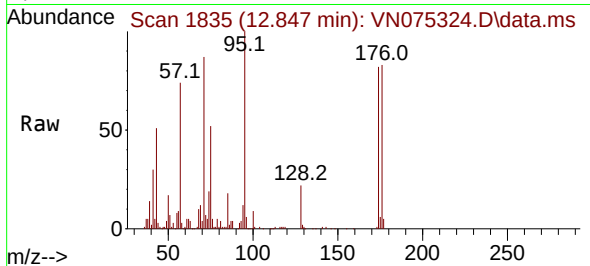




#62
4-Bromofluorobenzene
Concen: 53.138 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075324.D
Acq: 18 Nov 2022 19:52

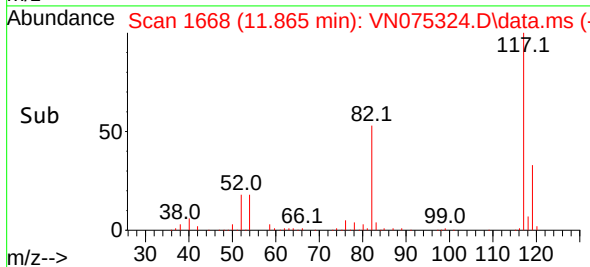
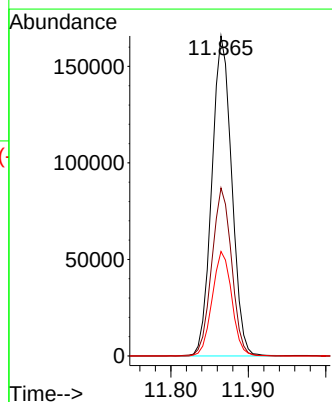
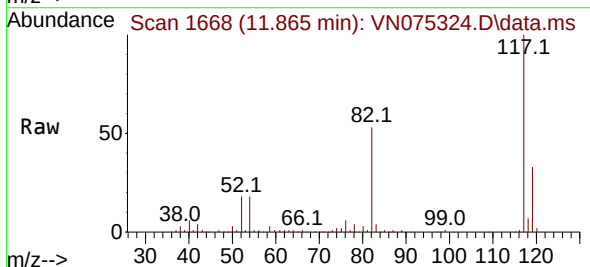
Instrument :
MSVOA_N
ClientSampleId :
40601

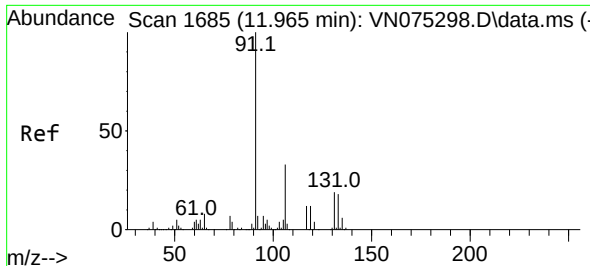
Tgt Ion: 95 Resp: 136169
Ion Ratio Lower Upper
95 100
174 85.7 0.0 147.4
176 83.6 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075324.D
Acq: 18 Nov 2022 19:52

Tgt Ion: 117 Resp: 295645
Ion Ratio Lower Upper
117 100
82 52.4 43.1 64.7
119 32.6 25.5 38.3





#67

Ethyl Benzene

Concen: 23.330 ug/l

RT: 11.965 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN075324.D

Acq: 18 Nov 2022 19:52

Instrument :

MSVOA_N

ClientSampleId :

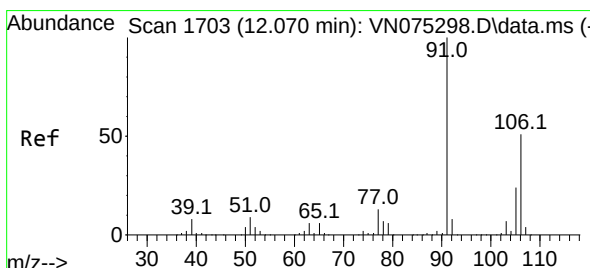
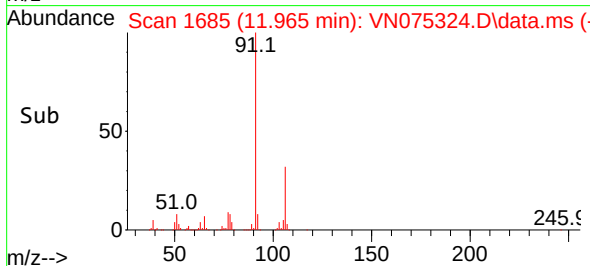
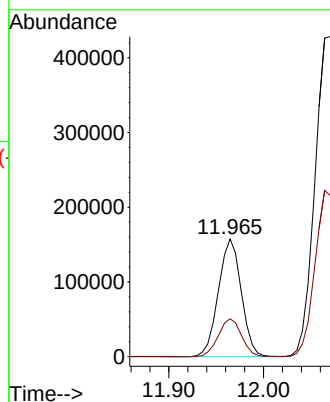
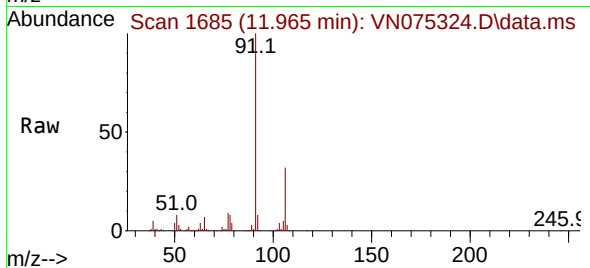
40601

Tgt Ion: 91 Resp: 264883

Ion Ratio Lower Upper

91 100

106 32.2 24.9 37.3



#68

m/p-Xylenes

Concen: 91.574 ug/l

RT: 12.065 min Scan# 1702

Delta R.T. -0.011 min

Lab File: VN075324.D

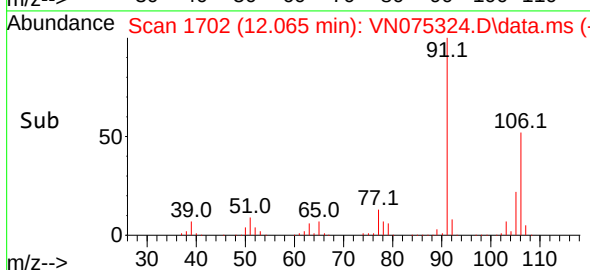
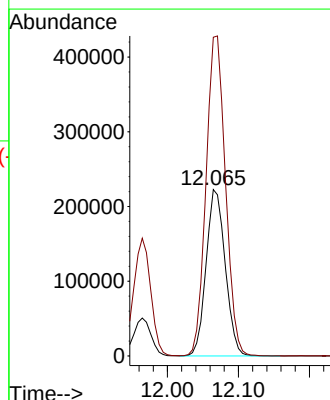
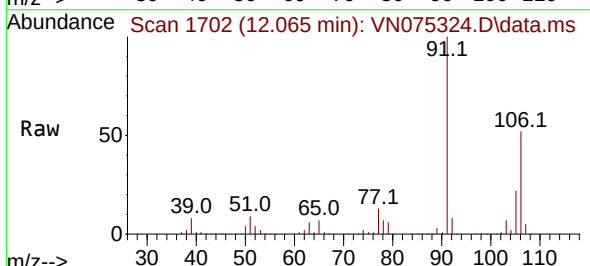
Acq: 18 Nov 2022 19:52

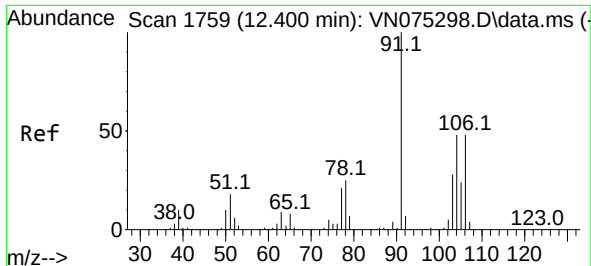
Tgt Ion:106 Resp: 417181

Ion Ratio Lower Upper

106 100

91 195.7 156.0 234.0

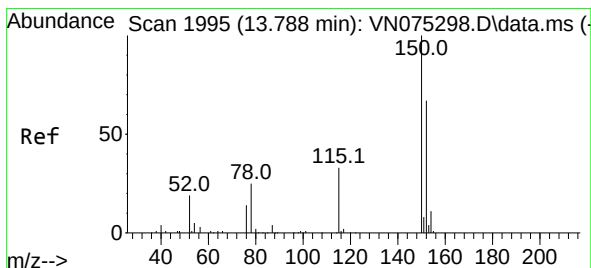
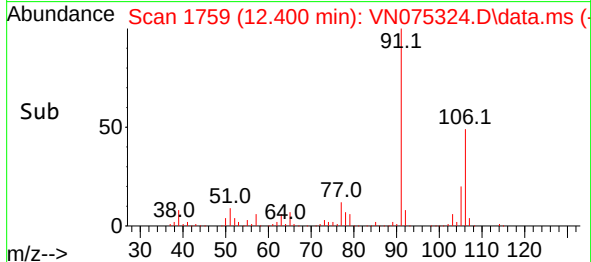
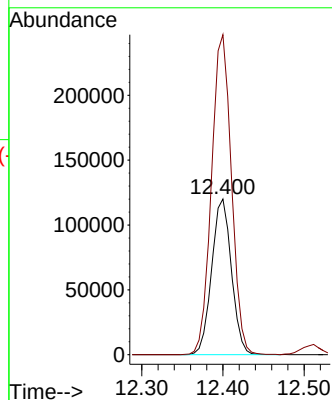
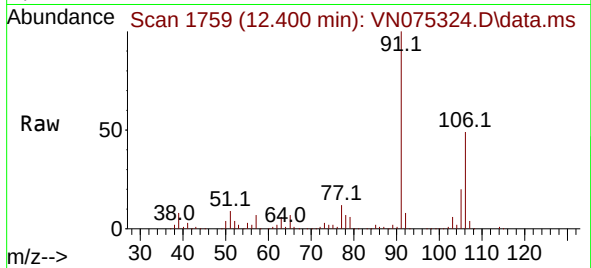




#69
o-Xylene
Concen: 45.019 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075324.D
Acq: 18 Nov 2022 19:52

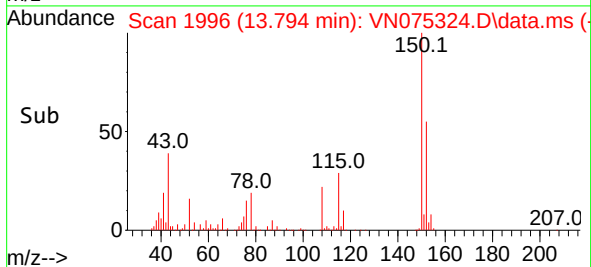
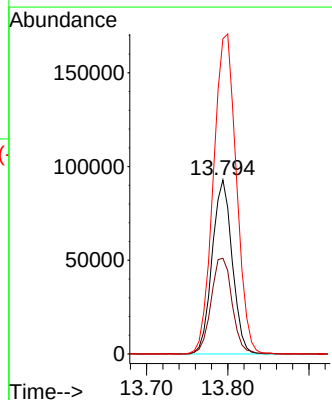
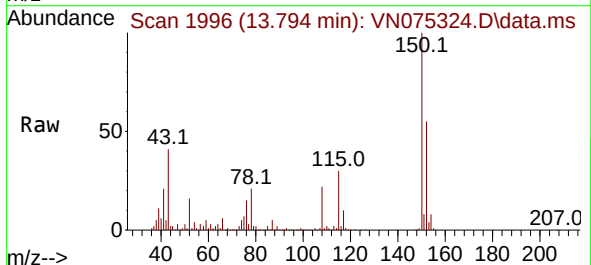
Instrument :
MSVOA_N
ClientSampleId :
40601

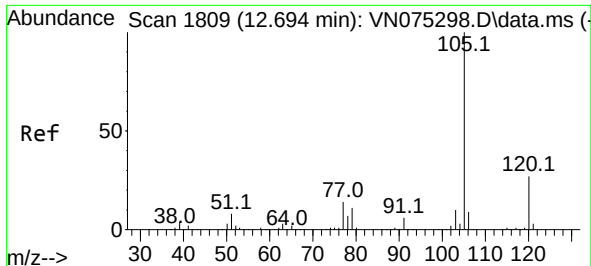
Tgt Ion:106 Resp: 202822
Ion Ratio Lower Upper
106 100
91 207.6 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075324.D
Acq: 18 Nov 2022 19:52

Tgt Ion:152 Resp: 158966
Ion Ratio Lower Upper
152 100
115 58.1 30.2 90.6
150 211.2 0.0 348.4

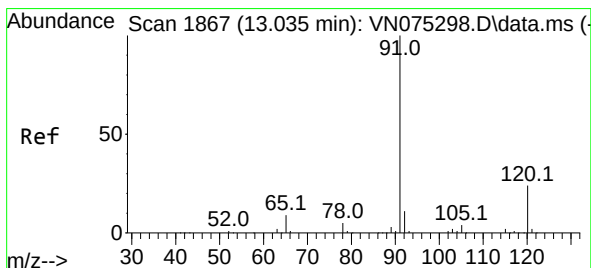
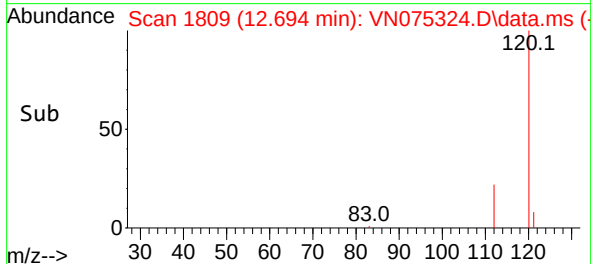
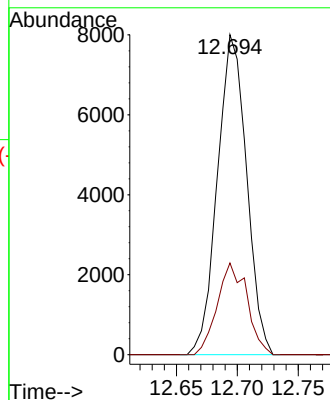
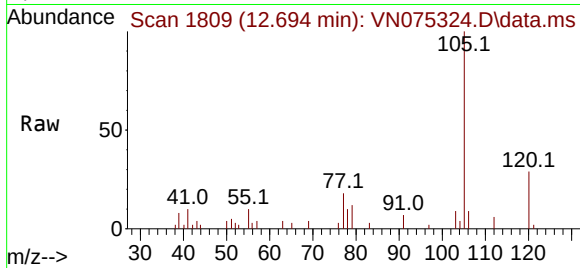




#73
Isopropylbenzene
Concen: 1.045 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN075324.D
Acq: 18 Nov 2022 19:52

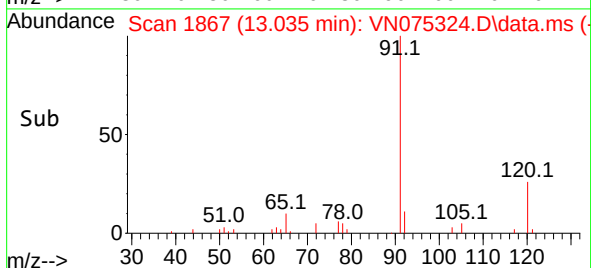
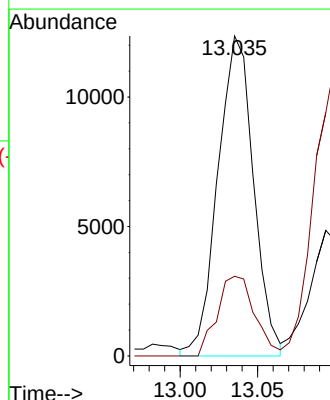
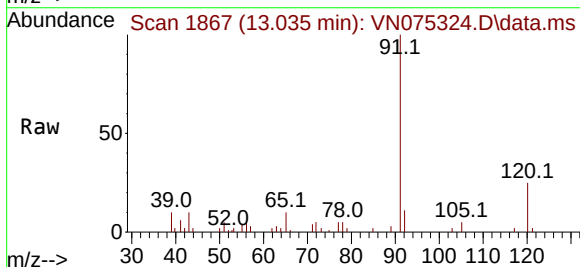
Instrument :
MSVOA_N
ClientSampleId :
40601

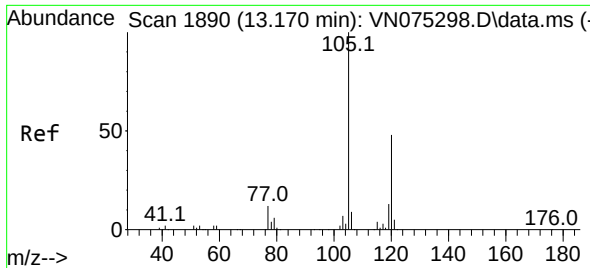
Tgt Ion:105 Resp: 13335
Ion Ratio Lower Upper
105 100
120 29.2 13.1 39.1



#78
n-propylbenzene
Concen: 1.381 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075324.D
Acq: 18 Nov 2022 19:52

Tgt Ion: 91 Resp: 19788
Ion Ratio Lower Upper
91 100
120 26.2 11.9 35.5

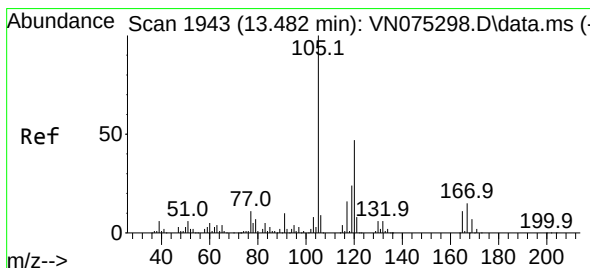
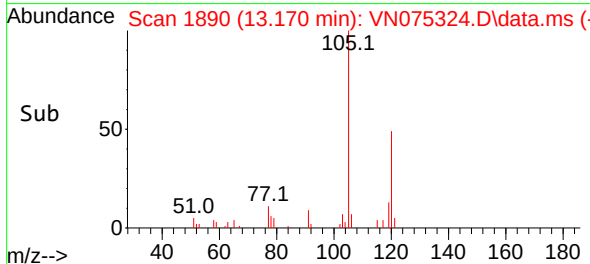
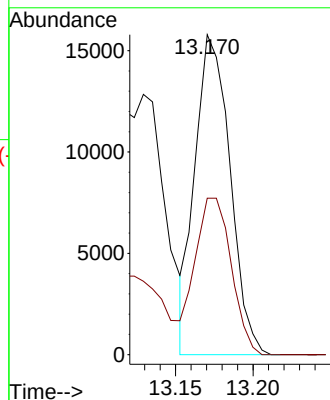
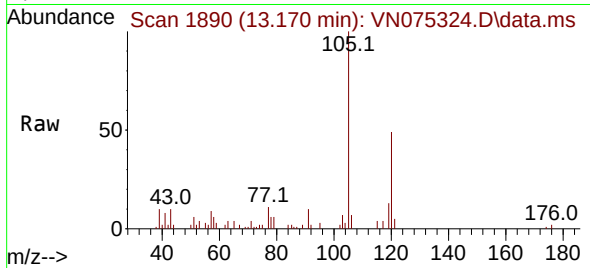




#80
 1,3,5-Trimethylbenzene
 Concen: 2.305 ug/l
 RT: 13.170 min Scan# 1890
 Delta R.T. -0.006 min
 Lab File: VN075324.D
 Acq: 18 Nov 2022 19:52

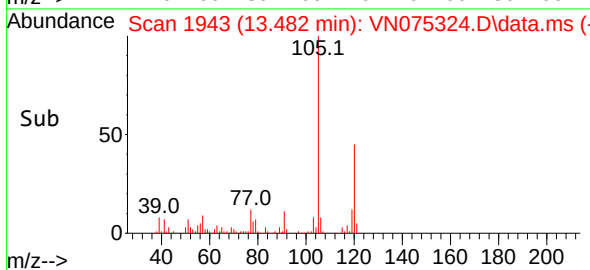
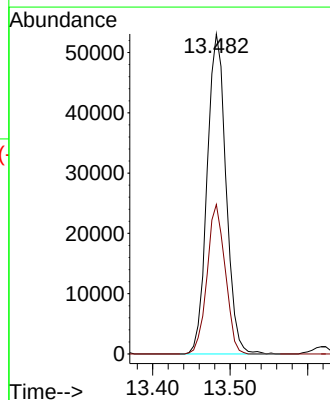
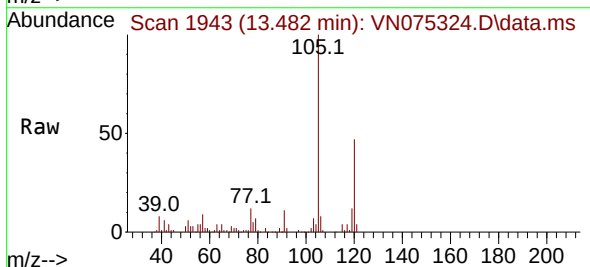
Instrument :
 MSVOA_N
 ClientSampleId :
 40601

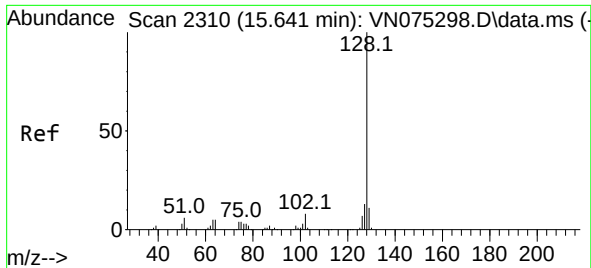
Tgt Ion:105 Resp: 24703
 Ion Ratio Lower Upper
 105 100
 120 50.8 24.7 74.1



#84
 1,2,4-Trimethylbenzene
 Concen: 8.272 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. 0.000 min
 Lab File: VN075324.D
 Acq: 18 Nov 2022 19:52

Tgt Ion:105 Resp: 89711
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.7 68.1





#95

Naphthalene

Concen: 2.272 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075324.D

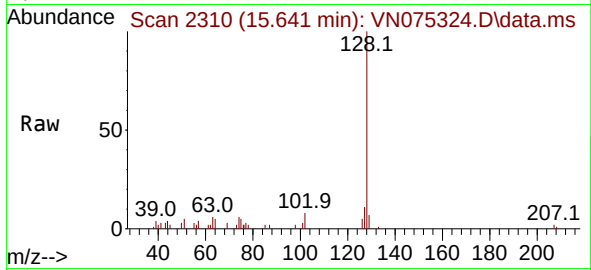
Acq: 18 Nov 2022 19:52

Instrument :

MSVOA_N

ClientSampleId :

40601



Tgt Ion:128 Resp: 20569

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.8 8.6 12.8

