

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111822\
 Data File : VN075323.D
 Acq On : 18 Nov 2022 19:29
 Operator : JC\MD
 Sample : N5668-01 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 4

Quant Time: Nov 19 05:11:53 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)

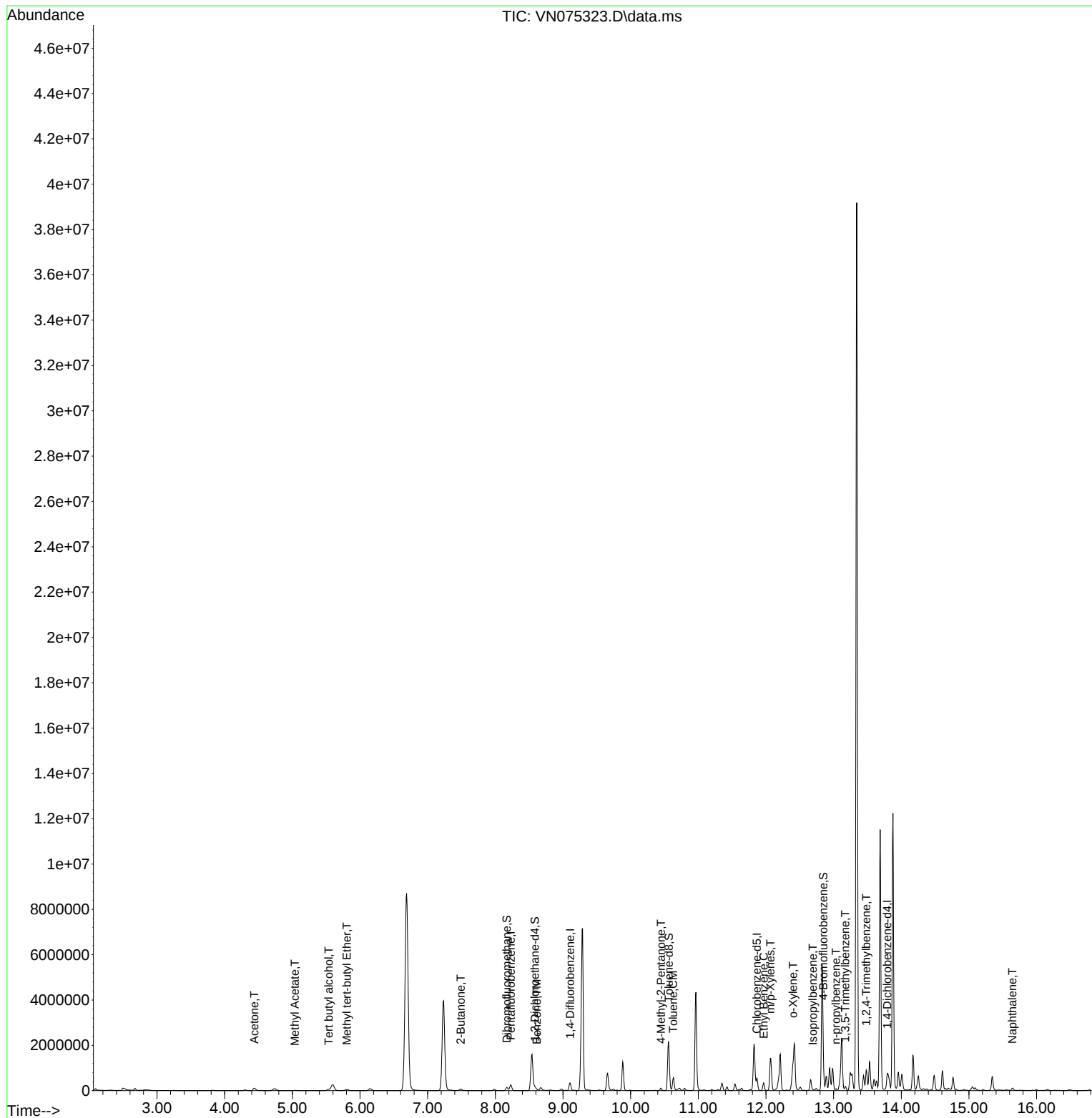
Internal Standards						
1) Pentafluorobenzene	8.229	168	199511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	324878	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	314179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	171478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	115724	43.049	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	86.100%	
35) Dibromofluoromethane	8.171	113	98443	51.617	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	103.240%	
50) Toluene-d8	10.565	98	393275	53.149	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	106.300%	
62) 4-Bromofluorobenzene	12.847	95	158420	60.948	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	121.900%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.536	59	134367	214.338	ug/l #	90
16) Acetone	4.436	43	206062	181.036	ug/l	96
18) Methyl Acetate	5.036	43	31681	8.521	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	80699	10.267	ug/l	94
25) 2-Butanone	7.488	43	106838	59.675	ug/l	97
40) Benzene	8.612	78	42228	4.671	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	68405	21.105	ug/l	97
52) Toluene	10.629	92	253391	41.929	ug/l	98
67) Ethyl Benzene	11.965	91	244754	20.286	ug/l	97
68) m/p-Xylenes	12.065	106	485958	100.379	ug/l	99
69) o-Xylene	12.400	106	291231	60.829	ug/l	100
73) Isopropylbenzene	12.694	105	22557	1.639	ug/l	100
78) n-propylbenzene	13.035	91	57041m	3.691	ug/l	
80) 1,3,5-Trimethylbenzene	13.170	105	96309	8.329	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	486753	41.606	ug/l	96
95) Naphthalene	15.641	128	72300	7.405	ug/l	97

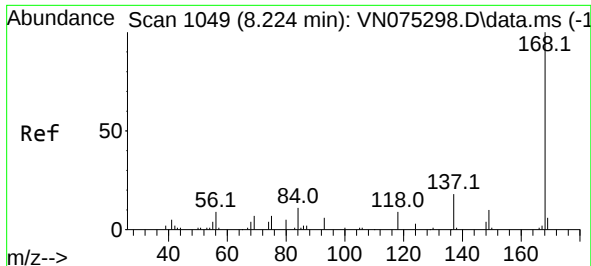
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111822\
Data File : VN075323.D
Acq On : 18 Nov 2022 19:29
Operator : JC\MD
Sample : N5668-01 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
4

Quant Time: Nov 19 05:11:53 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

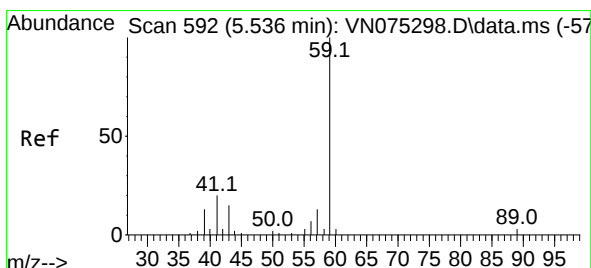
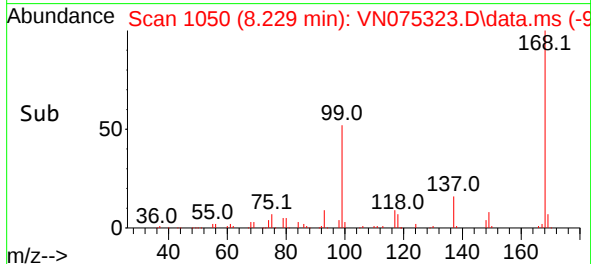
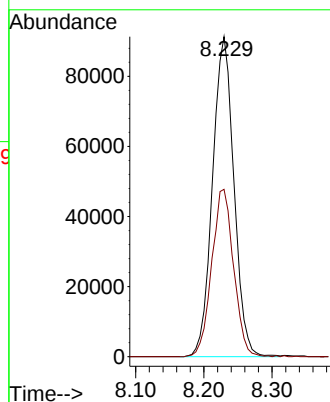
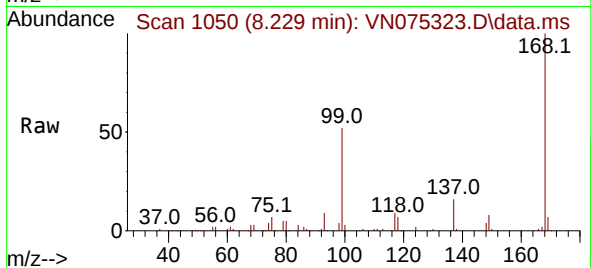




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1049
Delta R.T. -0.001 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

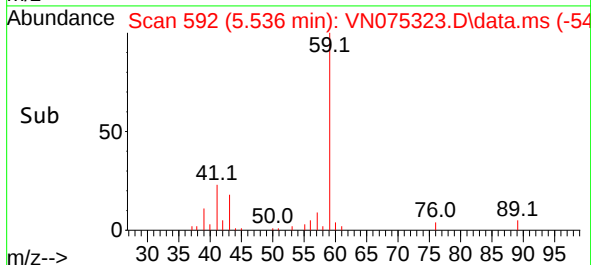
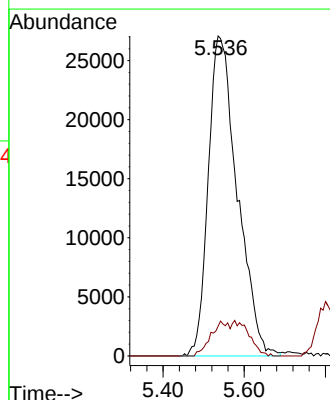
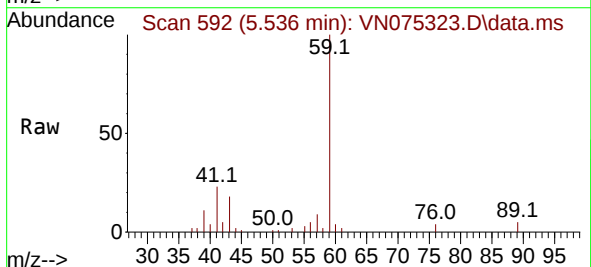
Instrument :
MSVOA_N
ClientSampleId :
4

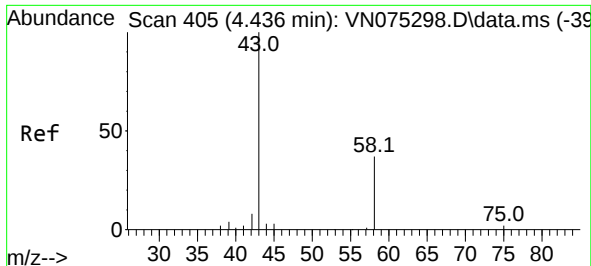
Tgt Ion:168 Resp: 199511
Ion Ratio Lower Upper
168 100
99 52.3 51.6 77.4



#11
Tert butyl alcohol
Concen: 214.338 ug/l
RT: 5.536 min Scan# 592
Delta R.T. -0.006 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

Tgt Ion: 59 Resp: 134367
Ion Ratio Lower Upper
59 100
57 6.9 8.5 12.7#

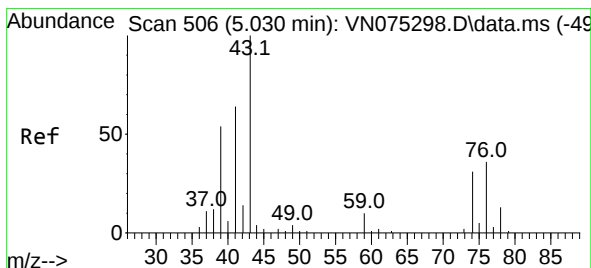
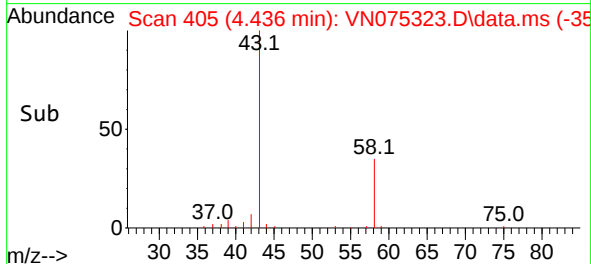
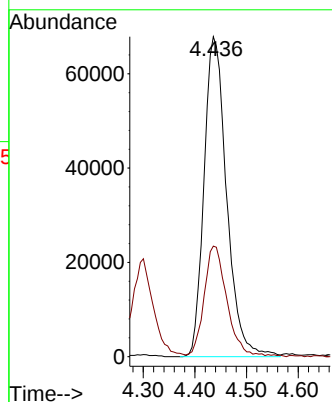
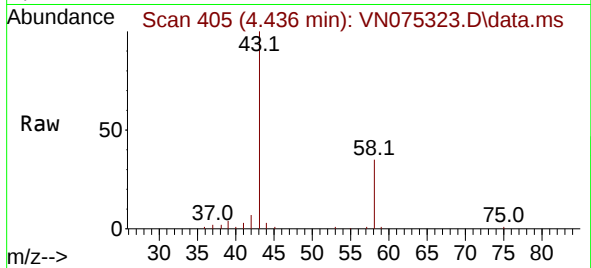




#16
Acetone
Concen: 181.036 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

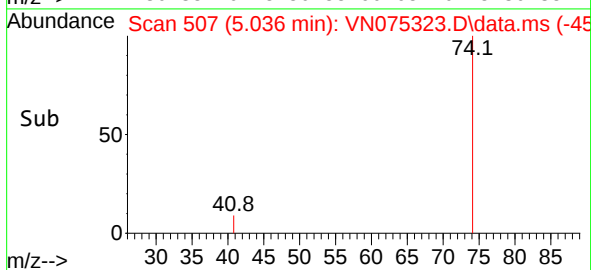
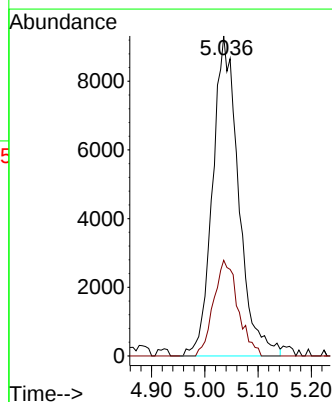
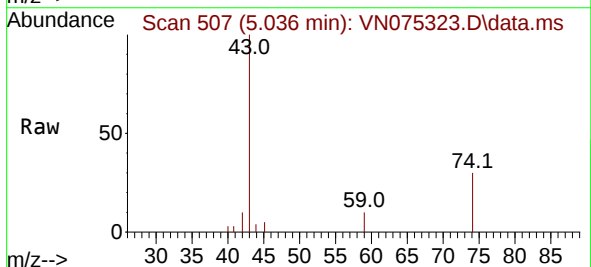
Instrument :
MSVOA_N
ClientSampleId :
4

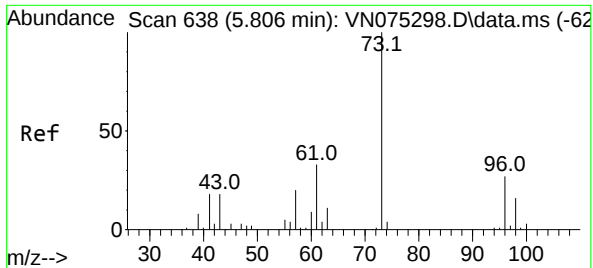
Tgt Ion: 43 Resp: 206062
Ion Ratio Lower Upper
43 100
58 34.1 25.5 38.3



#18
Methyl Acetate
Concen: 8.521 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

Tgt Ion: 43 Resp: 31681
Ion Ratio Lower Upper
43 100
74 28.0 22.0 33.0

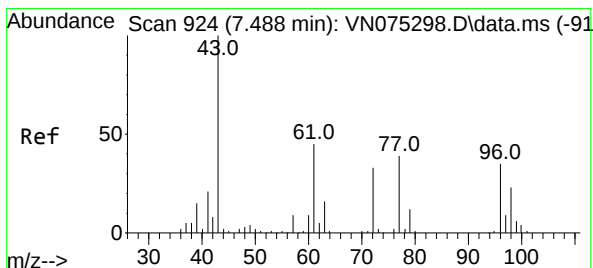
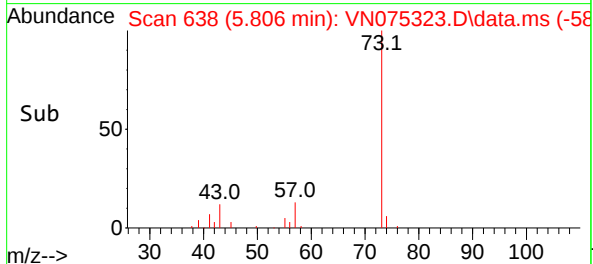
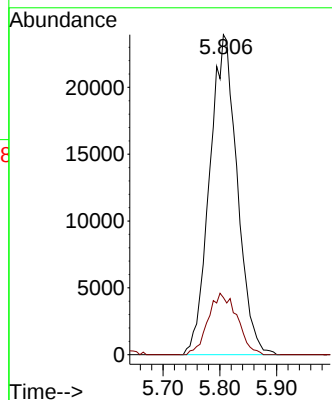
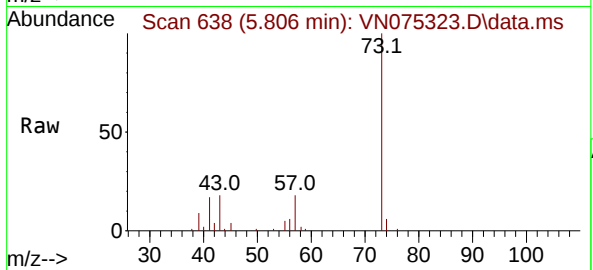




#19
Methyl tert-butyl Ether
Concen: 10.267 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

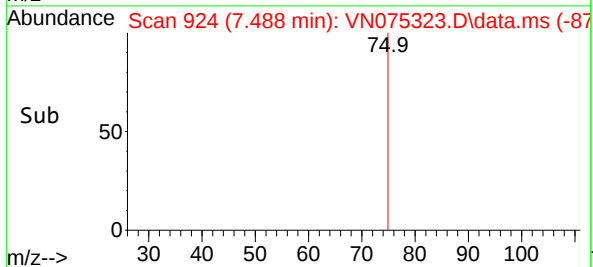
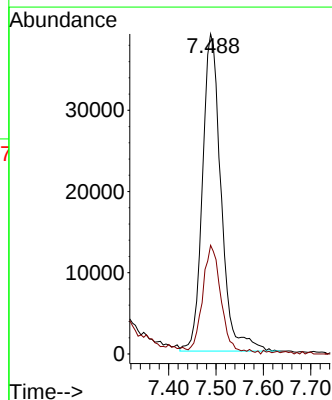
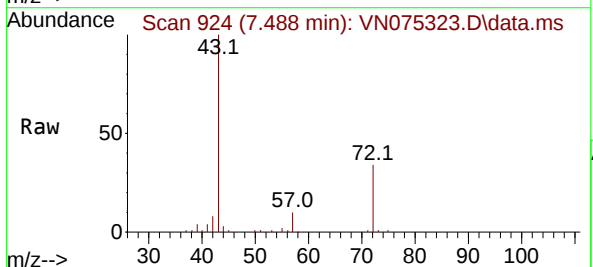
Instrument :
MSVOA_N
ClientSampleId :
4

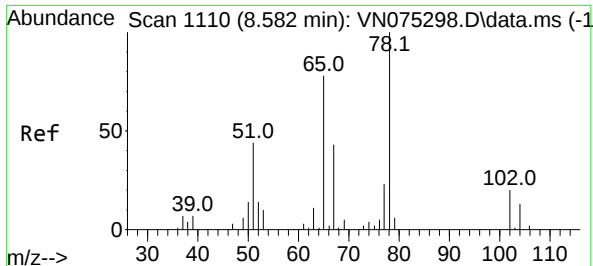
Tgt Ion: 73 Resp: 80699
Ion Ratio Lower Upper
73 100
57 17.8 16.3 24.5



#25
2-Butanone
Concen: 59.675 ug/l
RT: 7.488 min Scan# 924
Delta R.T. -0.006 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

Tgt Ion: 43 Resp: 106838
Ion Ratio Lower Upper
43 100
72 33.8 25.5 38.3





#33

1,2-Dichloroethane-d4

Concen: 43.049 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.006 min

Lab File: VN075323.D

Acq: 18 Nov 2022 19:29

Instrument :

MSVOA_N

ClientSampleId :

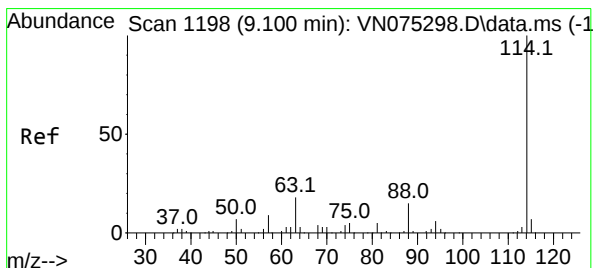
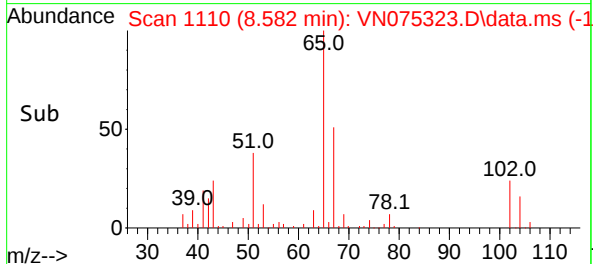
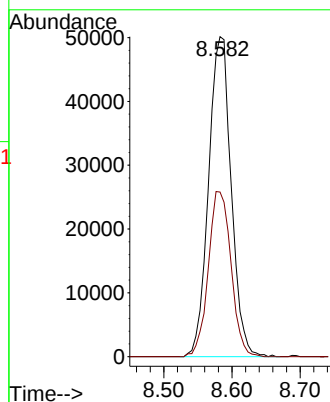
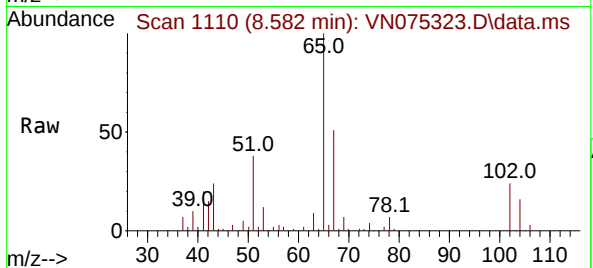
4

Tgt Ion: 65 Resp: 115724

Ion Ratio Lower Upper

65 100

67 51.8 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: VN075323.D

Acq: 18 Nov 2022 19:29

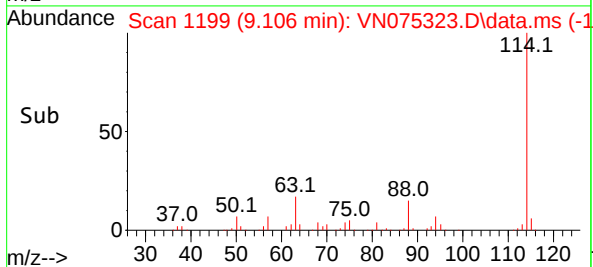
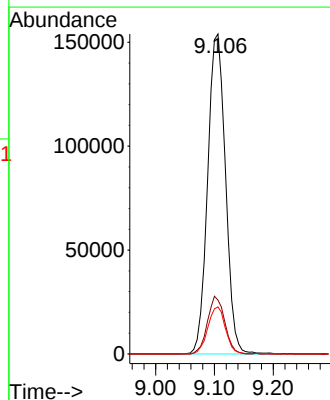
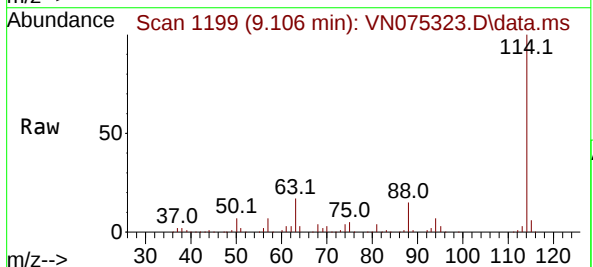
Tgt Ion: 114 Resp: 324878

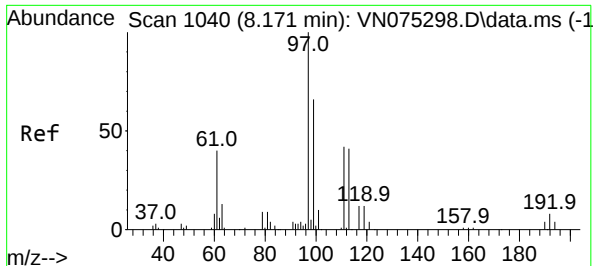
Ion Ratio Lower Upper

114 100

63 16.9 0.0 39.6

88 14.7 0.0 29.0





#35

Dibromofluoromethane

Concen: 51.617 ug/l

RT: 8.171 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VN075323.D

Acq: 18 Nov 2022 19:29

Instrument :

MSVOA_N

ClientSampleId :

4

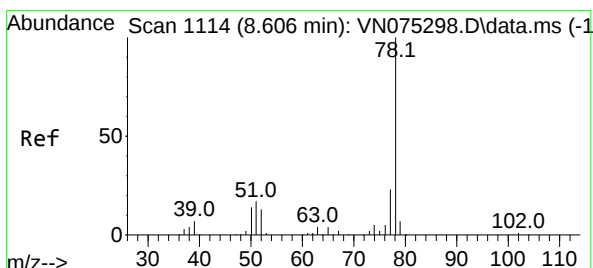
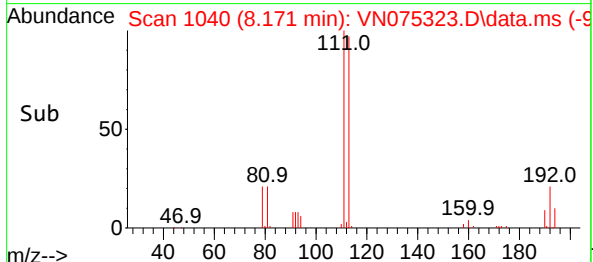
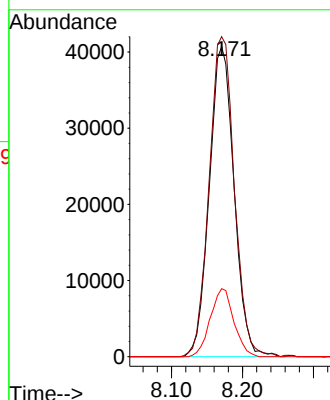
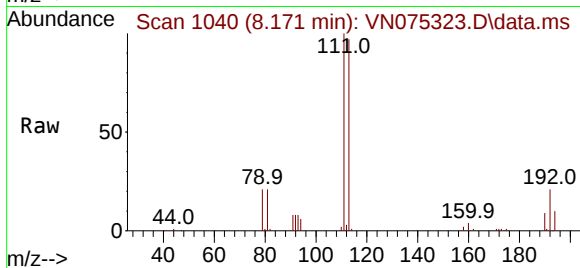
Tgt Ion:113 Resp: 98443

Ion Ratio Lower Upper

113 100

111 105.2 80.5 120.7

192 20.8 13.2 19.8#



#40

Benzene

Concen: 4.671 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075323.D

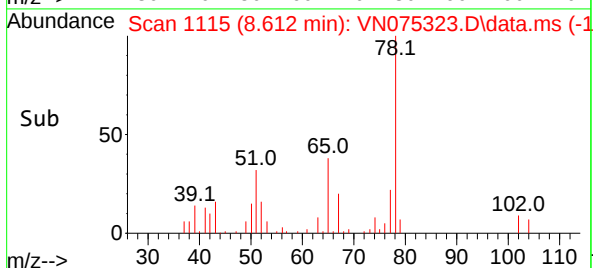
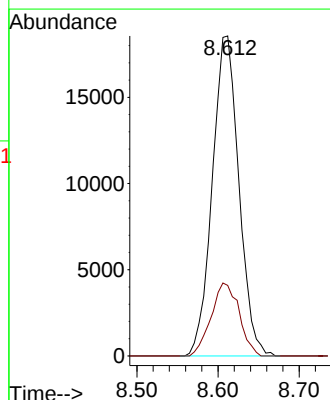
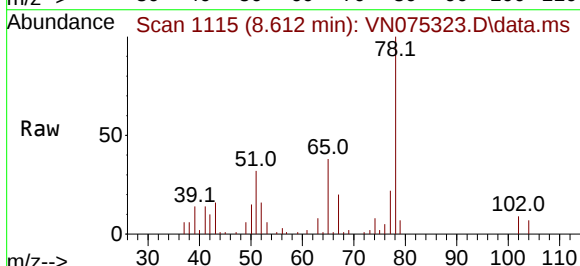
Acq: 18 Nov 2022 19:29

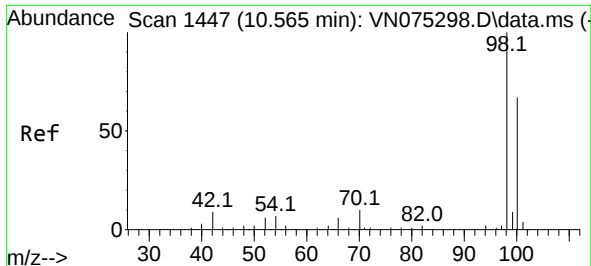
Tgt Ion: 78 Resp: 42228

Ion Ratio Lower Upper

78 100

77 22.0 19.4 29.0





#50

Toluene-d8

Concen: 53.149 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN075323.D

Acq: 18 Nov 2022 19:29

Instrument :

MSVOA_N

ClientSampleId :

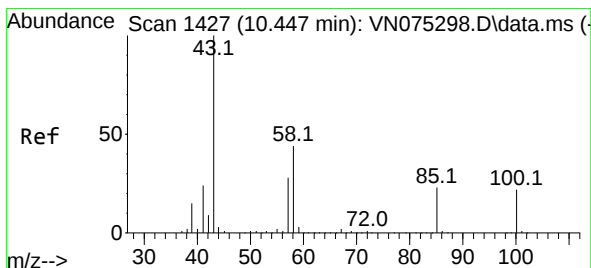
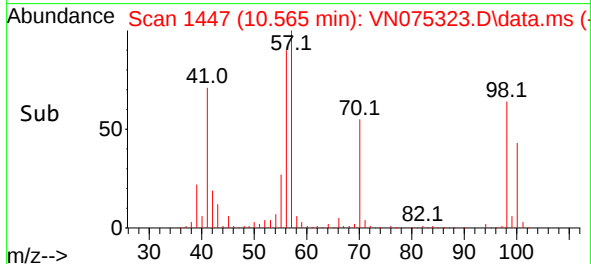
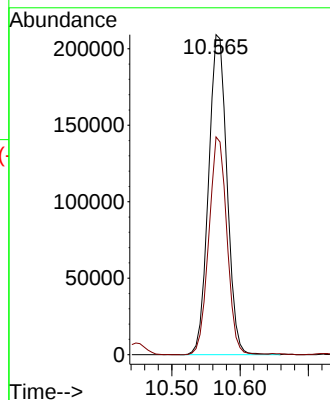
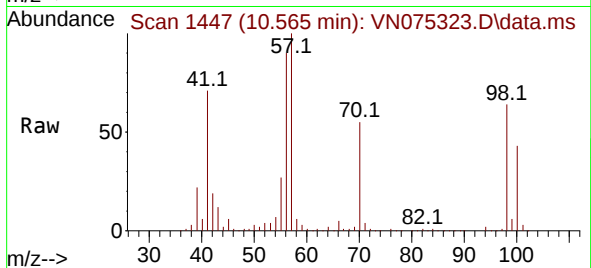
4

Tgt Ion: 98 Resp: 393275

Ion Ratio Lower Upper

98 100

100 66.7 53.0 79.6



#51

4-Methyl-2-Pentanone

Concen: 21.105 ug/l

RT: 10.447 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VN075323.D

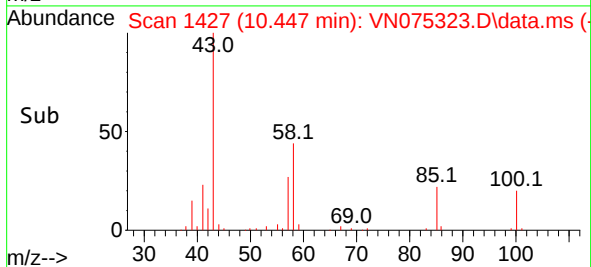
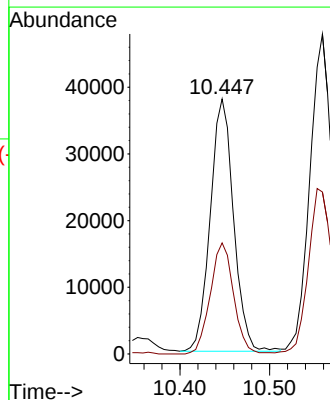
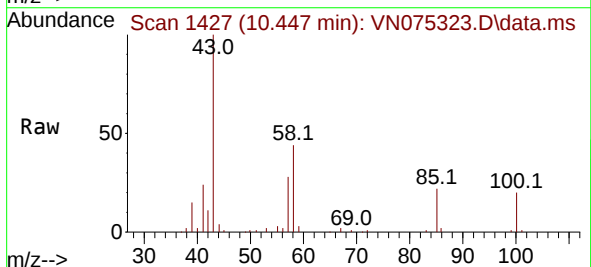
Acq: 18 Nov 2022 19:29

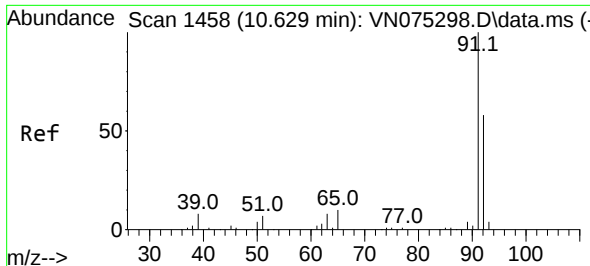
Tgt Ion: 43 Resp: 68405

Ion Ratio Lower Upper

43 100

58 43.8 33.6 50.4

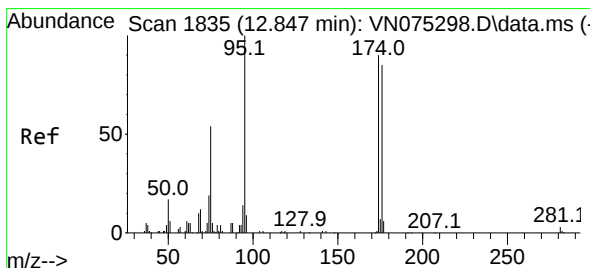
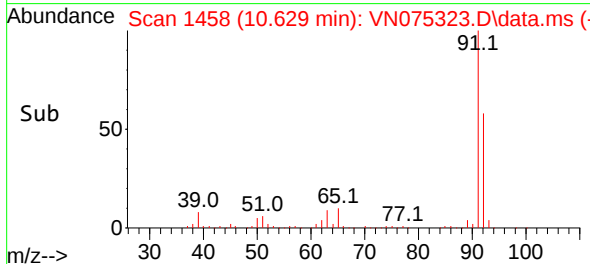
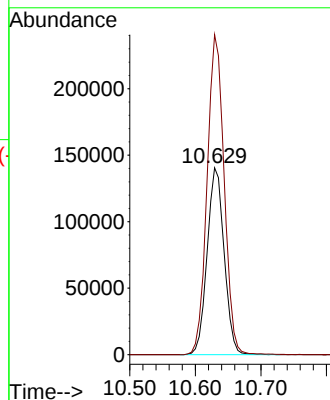
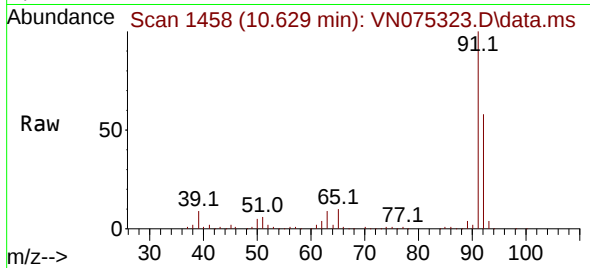




#52
Toluene
Concen: 41.929 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

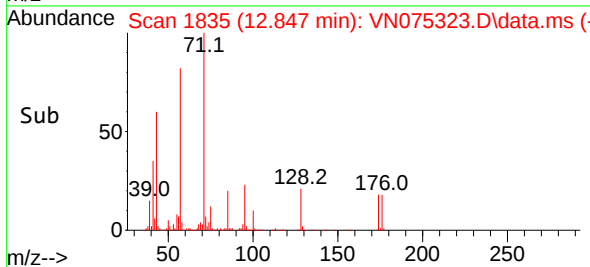
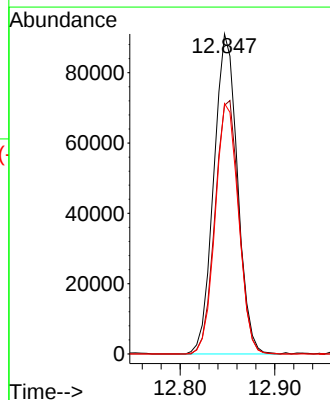
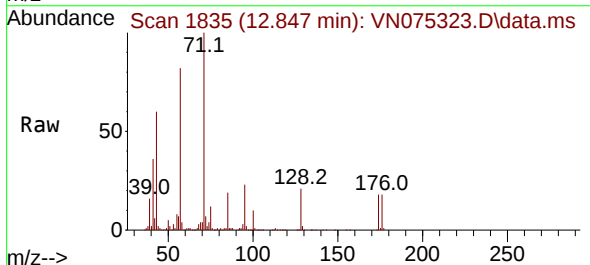
Instrument :
MSVOA_N
ClientSampleId :
4

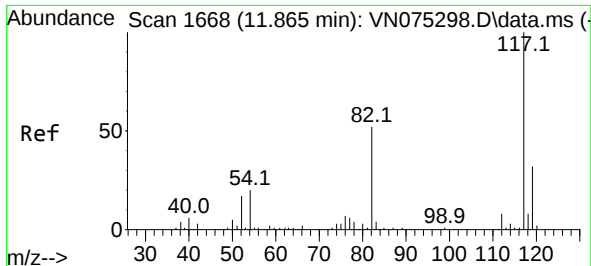
Tgt Ion: 92 Resp: 253391
Ion Ratio Lower Upper
92 100
91 171.7 135.4 203.2



#62
4-Bromofluorobenzene
Concen: 60.948 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

Tgt Ion: 95 Resp: 158420
Ion Ratio Lower Upper
95 100
174 79.6 0.0 147.4
176 76.8 0.0 142.2

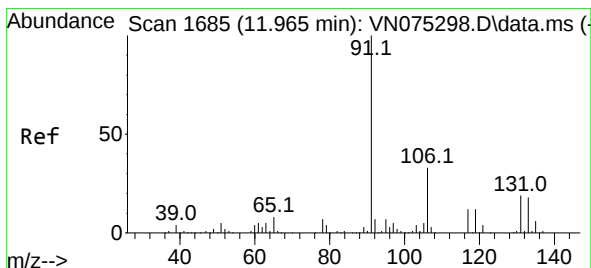
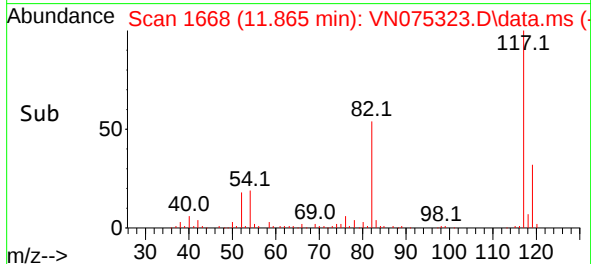
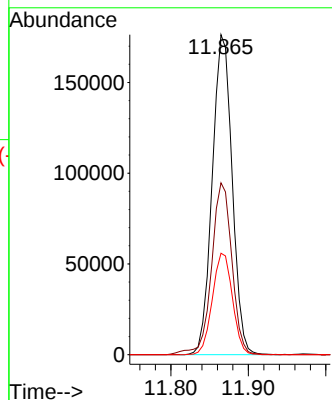
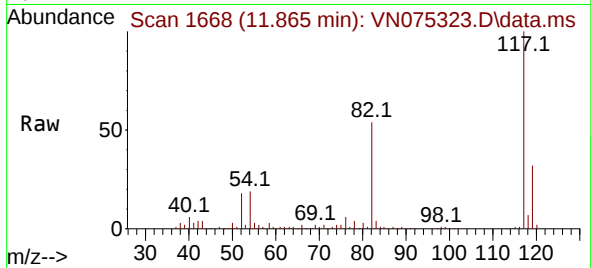




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

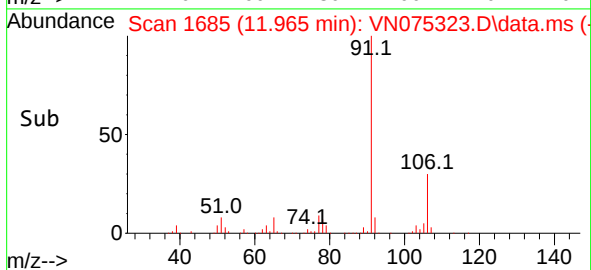
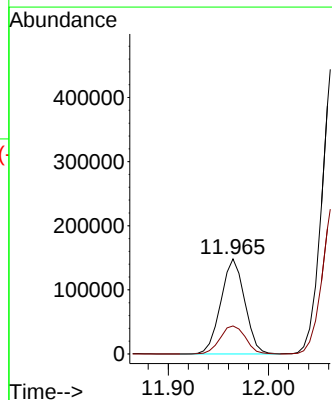
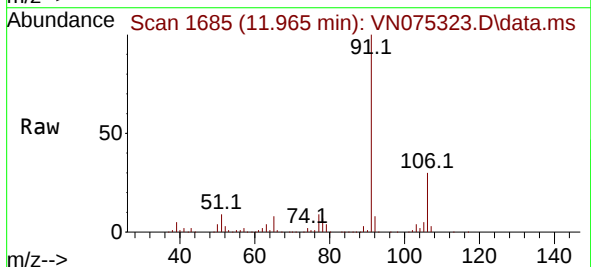
Instrument :
MSVOA_N
ClientSampleId :
4

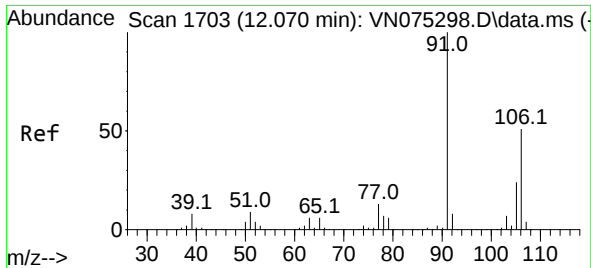
Tgt Ion:117 Resp: 314179
Ion Ratio Lower Upper
117 100
82 53.7 43.1 64.7
119 31.7 25.5 38.3



#67
Ethyl Benzene
Concen: 20.286 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

Tgt Ion: 91 Resp: 244754
Ion Ratio Lower Upper
91 100
106 29.5 24.9 37.3

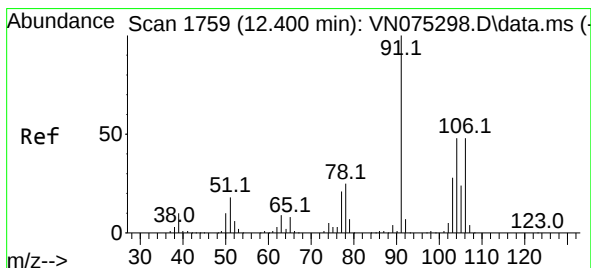
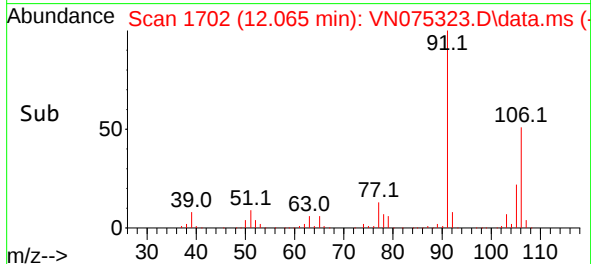
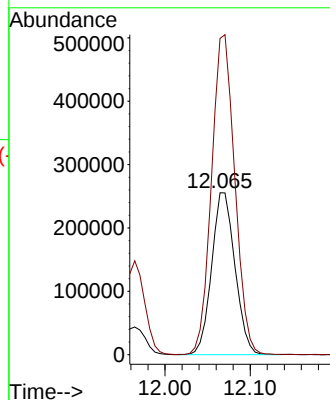
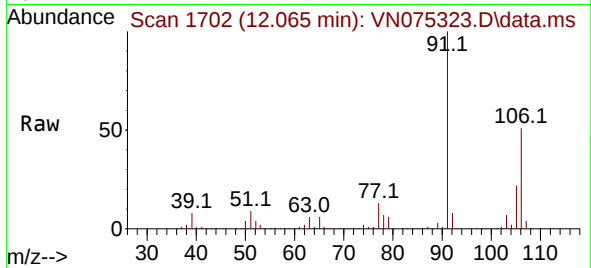




#68
m/p-Xylenes
Concen: 100.379 ug/l
RT: 12.065 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

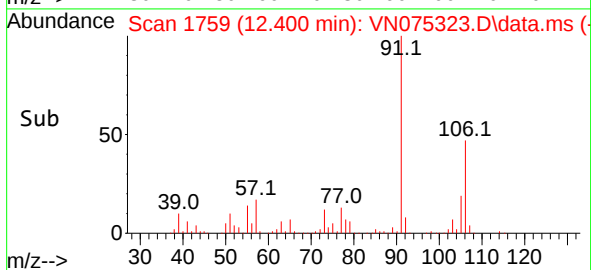
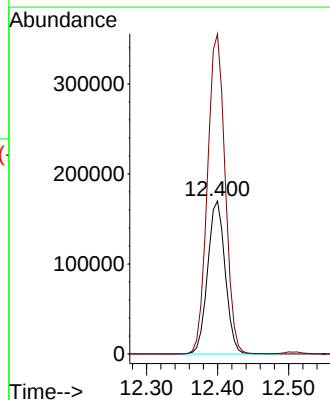
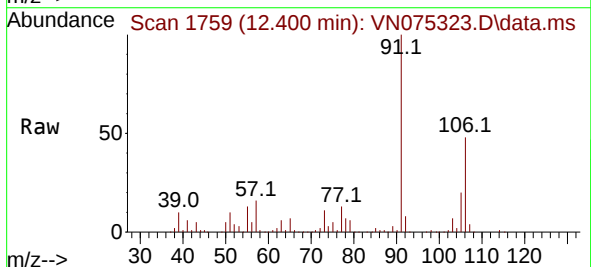
Instrument :
MSVOA_N
ClientSampleId :
4

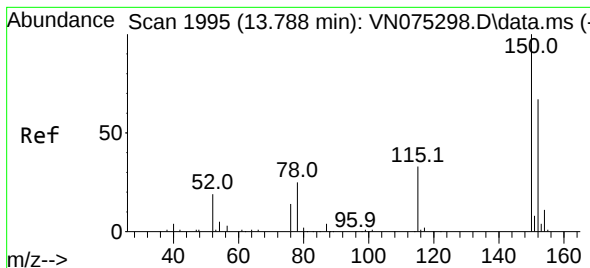
Tgt Ion:106 Resp: 485958
Ion Ratio Lower Upper
106 100
91 196.9 156.0 234.0



#69
o-Xylene
Concen: 60.829 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

Tgt Ion:106 Resp: 291231
Ion Ratio Lower Upper
106 100
91 210.9 105.2 315.5

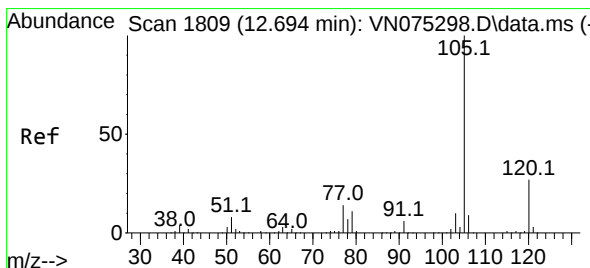
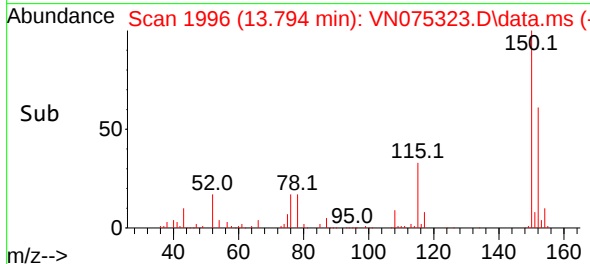
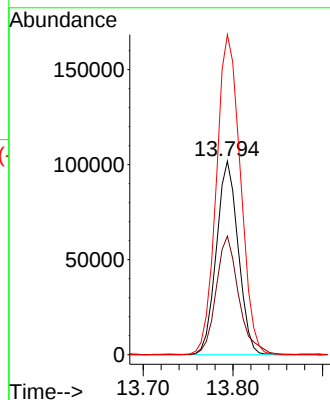
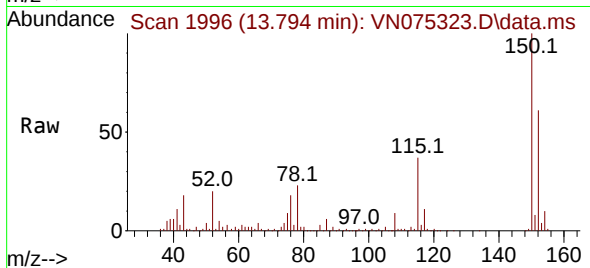




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

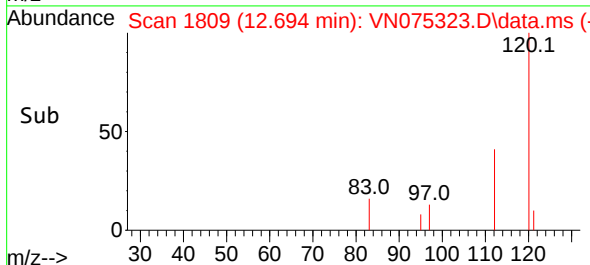
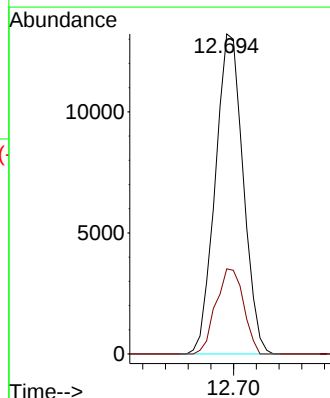
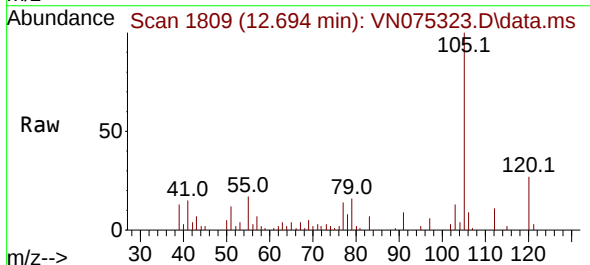
Instrument :
MSVOA_N
ClientSampleId :
4

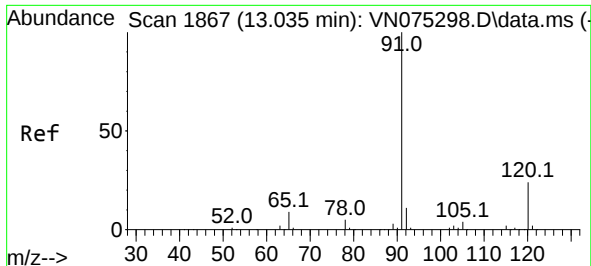
Tgt Ion:152 Resp: 171478
Ion Ratio Lower Upper
152 100
115 64.1 30.2 90.6
150 183.0 0.0 348.4



#73
Isopropylbenzene
Concen: 1.639 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

Tgt Ion:105 Resp: 22557
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.1

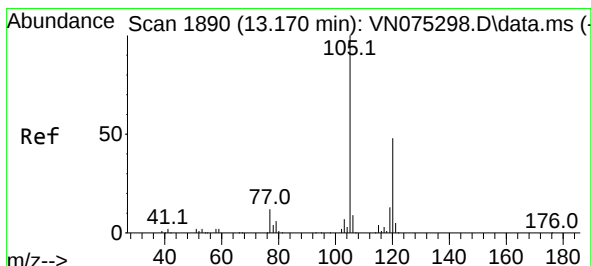
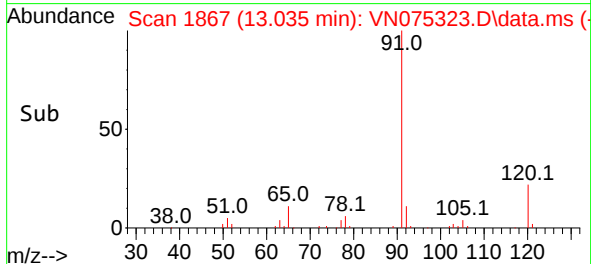
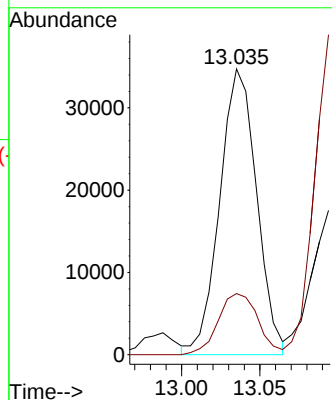
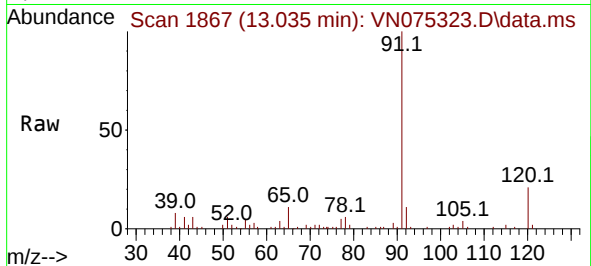




#78
n-propylbenzene
Concen: 3.691 ug/l m
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

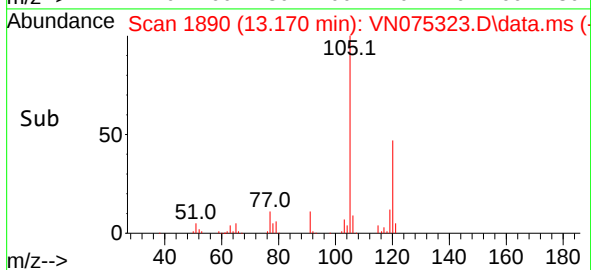
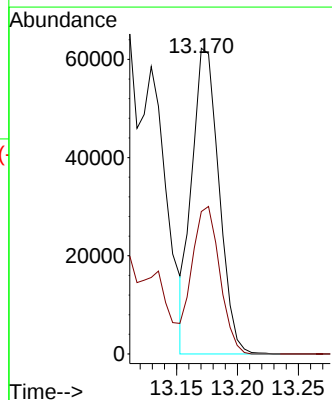
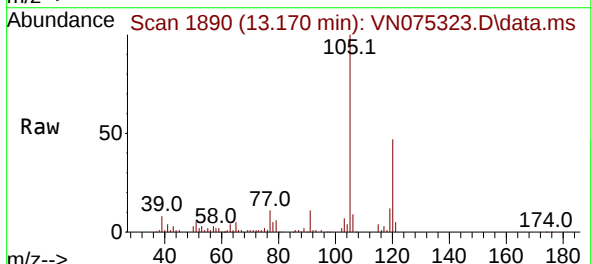
Instrument :
MSVOA_N
ClientSampleId :
4

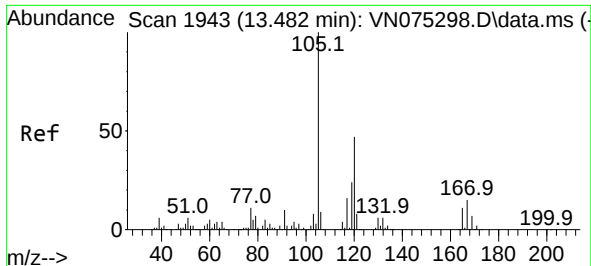
Tgt Ion: 91 Resp: 57041
Ion Ratio Lower Upper
91 100
120 0.0 11.9 35.5#



#80
1,3,5-Trimethylbenzene
Concen: 8.329 ug/l
RT: 13.170 min Scan# 1890
Delta R.T. -0.006 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

Tgt Ion: 105 Resp: 96309
Ion Ratio Lower Upper
105 100
120 49.2 24.7 74.1

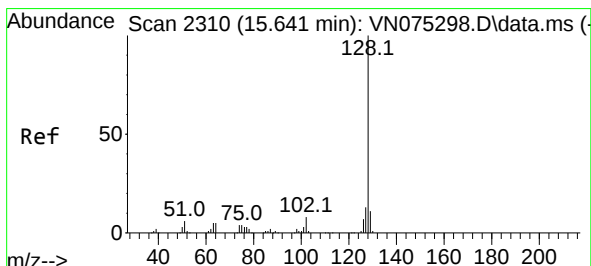
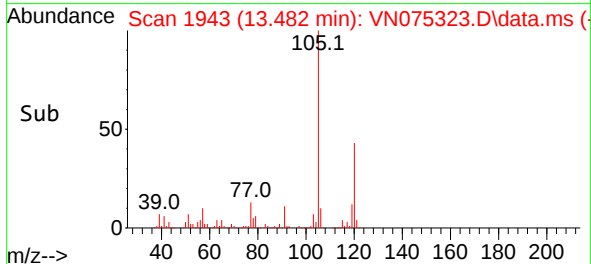
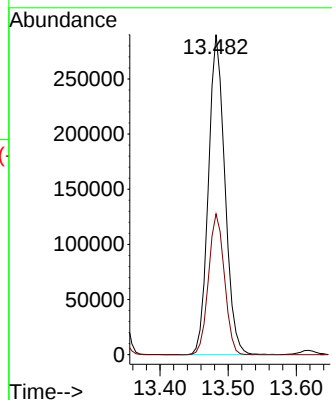
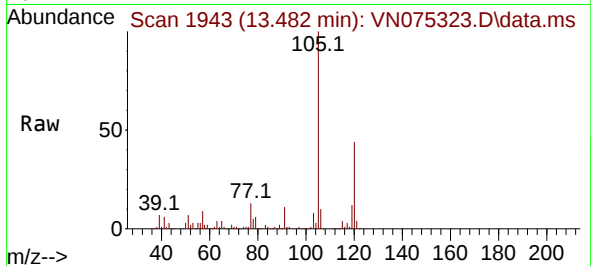




#84
1,2,4-Trimethylbenzene
Concen: 41.606 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

Instrument :
MSVOA_N
ClientSampleId :
4

Tgt Ion:105 Resp: 486753
Ion Ratio Lower Upper
105 100
120 42.5 22.7 68.1



#95
Naphthalene
Concen: 7.405 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

Tgt Ion:128 Resp: 72300
Ion Ratio Lower Upper
128 100
127 13.7 10.4 15.6
129 12.7 8.6 12.8

