

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120522\
 Data File : VN075561.D
 Acq On : 05 Dec 2022 16:07
 Operator : JC\MD
 Sample : N5839-01DL 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SAY2-VRG-1201DL

Quant Time: Dec 06 03:25:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

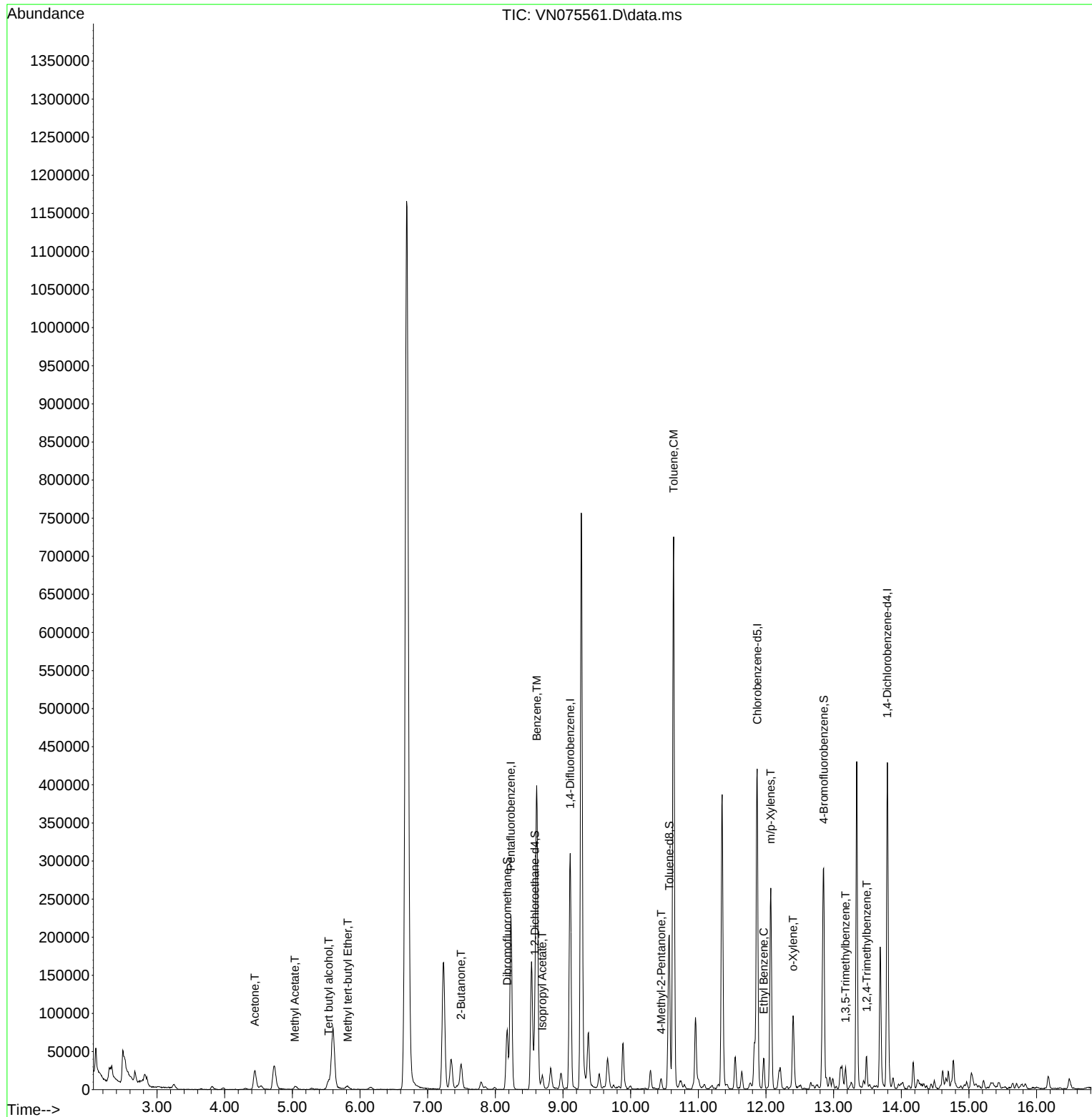
Internal Standards						
1) Pentafluorobenzene	8.230	168	176422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	288000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	258699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	45603	48.155	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.300%		
35) Dibromofluoromethane	8.177	113	56226	49.698	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.400%		
50) Toluene-d8	10.571	98	122719	48.160	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.320%		
62) 4-Bromofluorobenzene	12.853	95	90102	47.906	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.820%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.536	59	28947	72.814	ug/l #	88
16) Acetone	4.448	43	46565	52.715	ug/l	97
18) Methyl Acetate	5.036	43	8451	2.566	ug/l	99
19) Methyl tert-butyl Ether	5.818	73	6650	1.149	ug/l	95
25) 2-Butanone	7.494	43	50713	41.122	ug/l	100
40) Benzene	8.612	78	415775	55.041	ug/l	98
43) Isopropyl Acetate	8.694	43	16975	4.760	ug/l	94
51) 4-Methyl-2-Pentanone	10.453	43	9208	4.054	ug/l	98
52) Toluene	10.635	92	333417	68.494	ug/l	99
67) Ethyl Benzene	11.965	91	30395	3.335	ug/l	94
68) m/p-Xylenes	12.071	106	87462	23.630	ug/l	100
69) o-Xylene	12.400	106	28112	7.644	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	14064	1.932	ug/l	91
84) 1,2,4-Trimethylbenzene	13.488	105	24441	3.347	ug/l	99

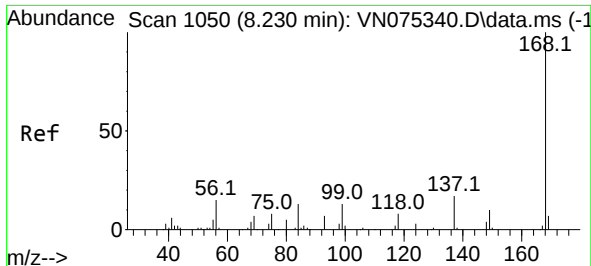
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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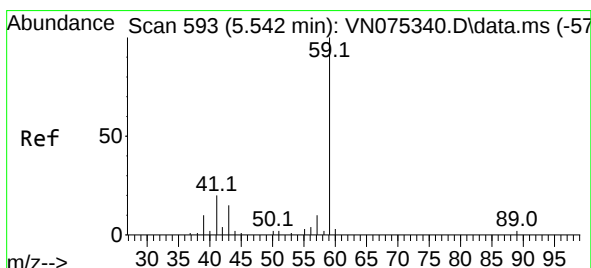
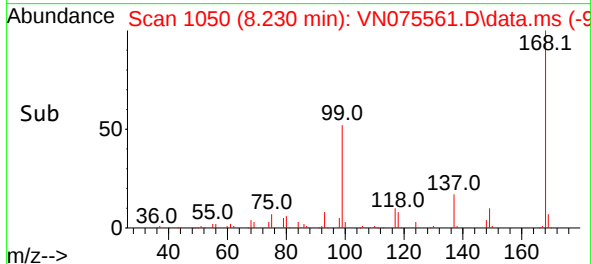
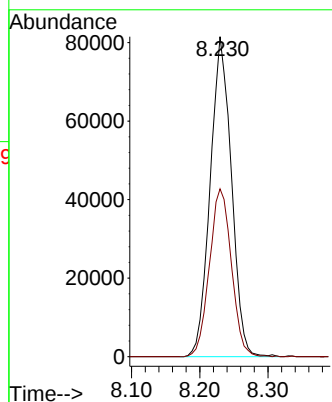
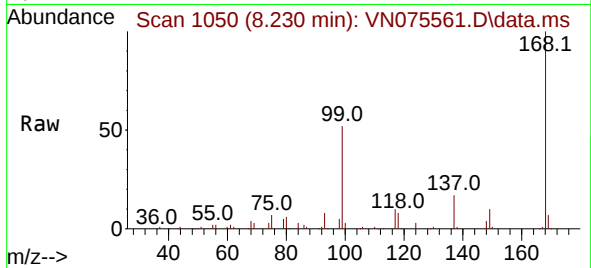




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075561.D
Acq: 05 Dec 2022 16:07

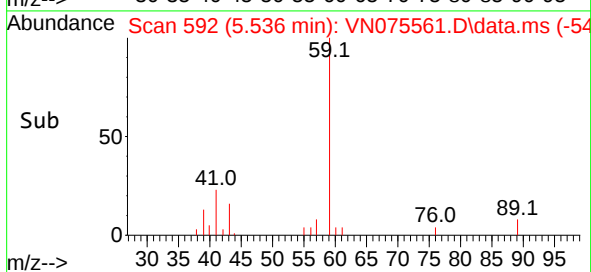
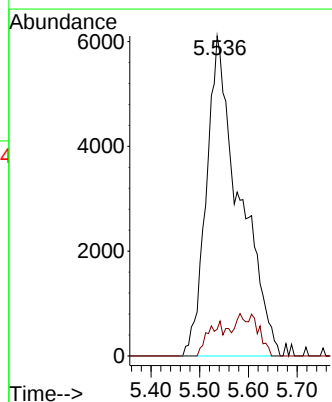
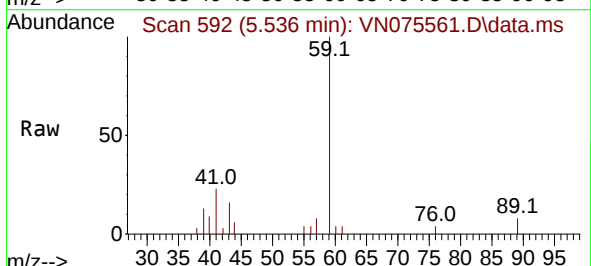
Instrument :
MSVOA_N
ClientSampleId :
SAY2-VRG-1201DL

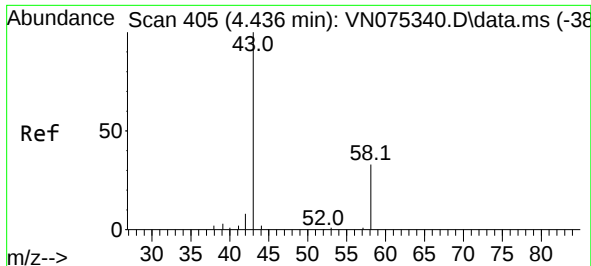
Tgt Ion:168 Resp: 176422
Ion Ratio Lower Upper
168 100
99 52.5 51.6 77.4



#11
Tert butyl alcohol
Concen: 72.814 ug/l
RT: 5.536 min Scan# 592
Delta R.T. -0.006 min
Lab File: VN075561.D
Acq: 05 Dec 2022 16:07

Tgt Ion: 59 Resp: 28947
Ion Ratio Lower Upper
59 100
57 6.0 8.5 12.7#

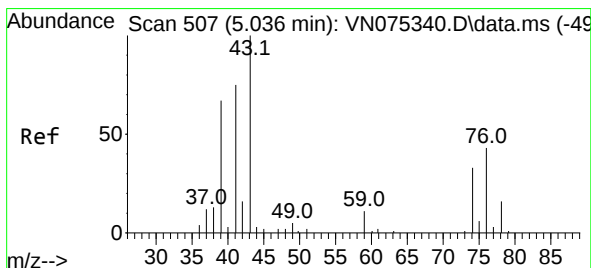
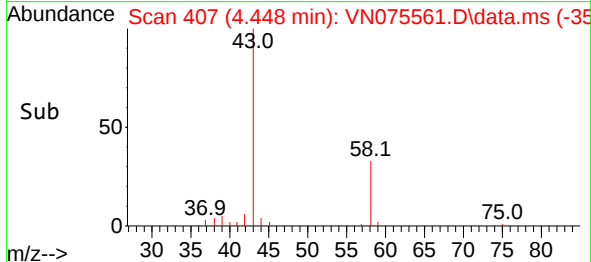
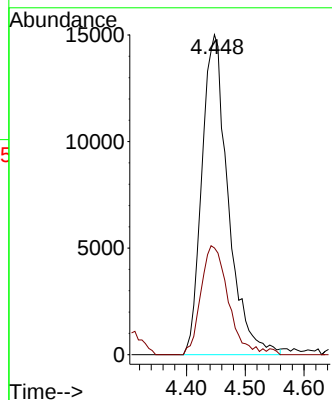
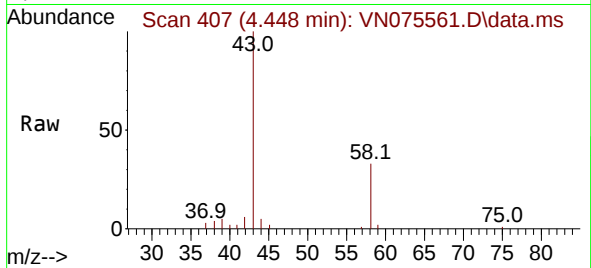




#16
Acetone
Concen: 52.715 ug/l
RT: 4.448 min Scan# 405
Delta R.T. 0.012 min
Lab File: VN075561.D
Acq: 05 Dec 2022 16:07

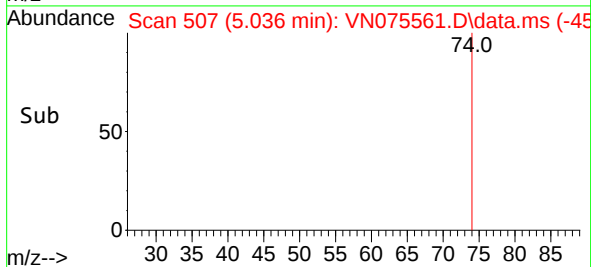
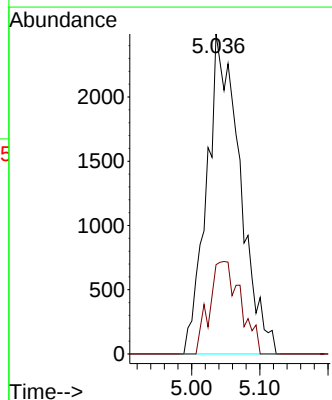
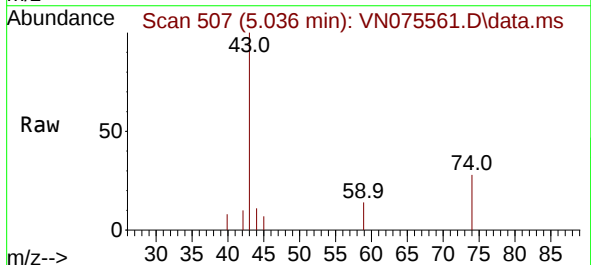
Instrument :
MSVOA_N
ClientSampleId :
SAY2-VRG-1201DL

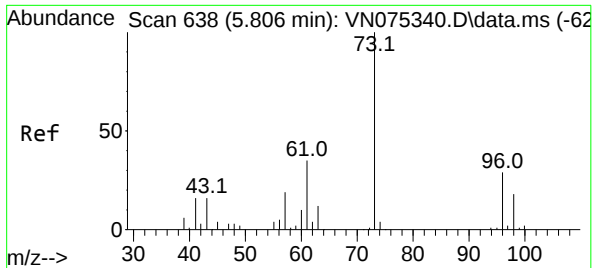
Tgt Ion: 43 Resp: 46565
Ion Ratio Lower Upper
43 100
58 33.3 25.5 38.3



#18
Methyl Acetate
Concen: 2.566 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075561.D
Acq: 05 Dec 2022 16:07

Tgt Ion: 43 Resp: 8451
Ion Ratio Lower Upper
43 100
74 27.1 22.0 33.0

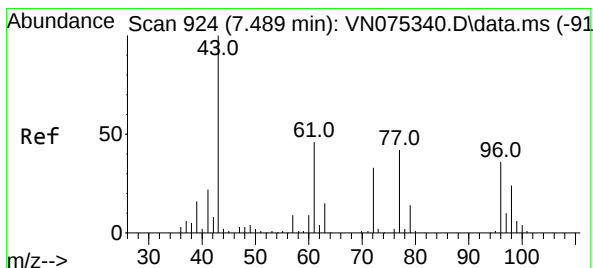
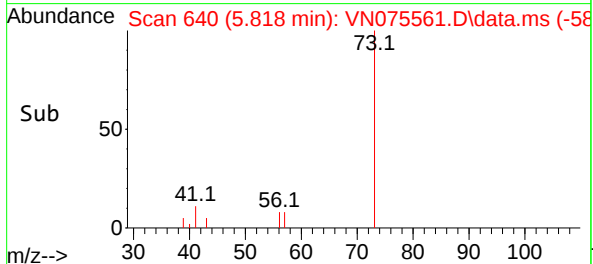
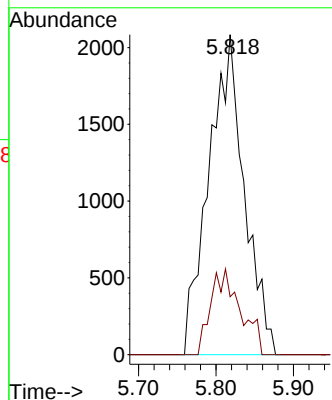
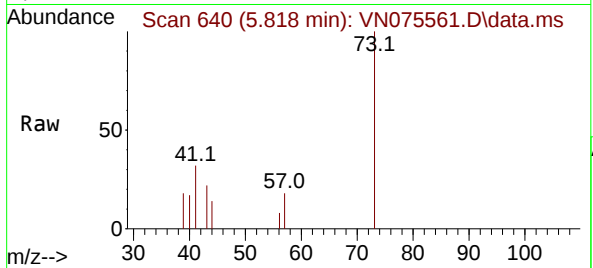




#19
Methyl tert-butyl Ether
Concen: 1.149 ug/l
RT: 5.818 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN075561.D
Acq: 05 Dec 2022 16:07

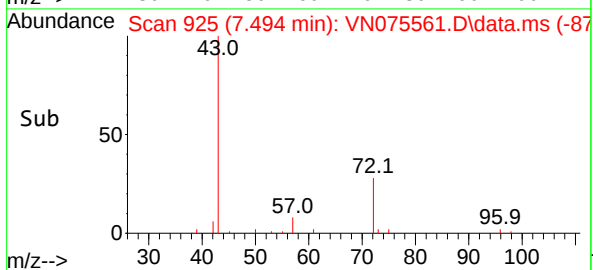
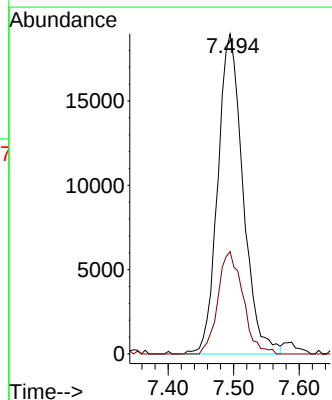
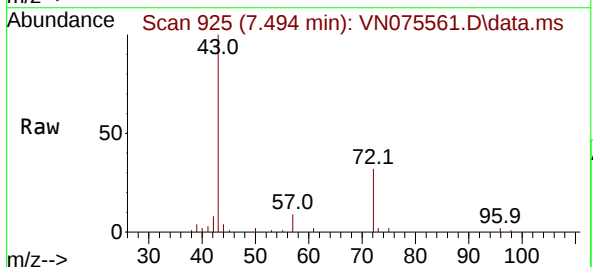
Instrument :
MSVOA_N
ClientSampleId :
SAY2-VRG-1201DL

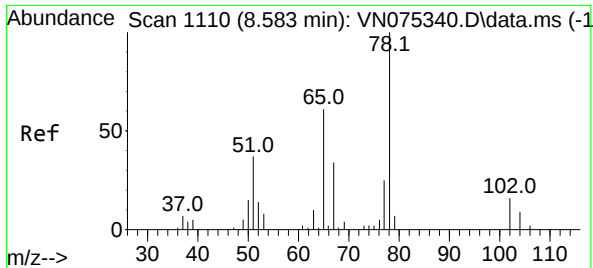
Tgt Ion: 73 Resp: 6650
Ion Ratio Lower Upper
73 100
57 18.1 16.3 24.5



#25
2-Butanone
Concen: 41.122 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.005 min
Lab File: VN075561.D
Acq: 05 Dec 2022 16:07

Tgt Ion: 43 Resp: 50713
Ion Ratio Lower Upper
43 100
72 32.0 25.5 38.3





#33

1,2-Dichloroethane-d4

Concen: 48.155 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075561.D

Acq: 05 Dec 2022 16:07

Instrument :

MSVOA_N

ClientSampleId :

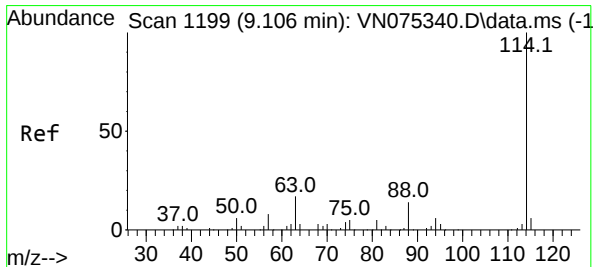
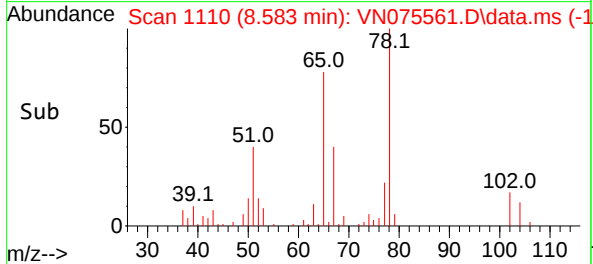
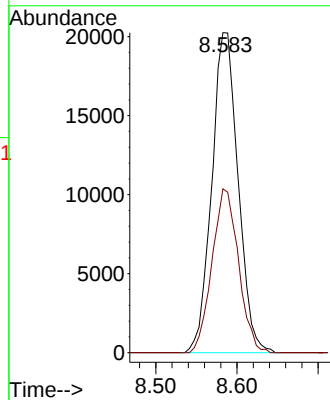
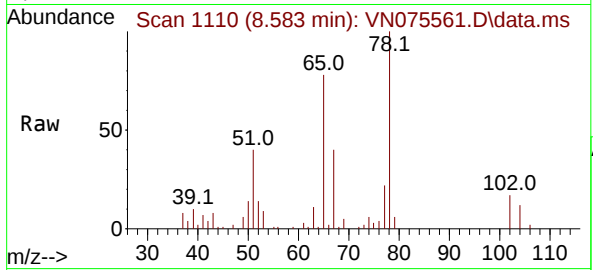
SAY2-VRG-1201DL

Tgt Ion: 65 Resp: 45603

Ion Ratio Lower Upper

65 100

67 51.5 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: VN075561.D

Acq: 05 Dec 2022 16:07

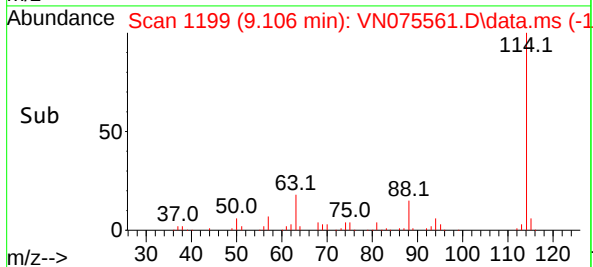
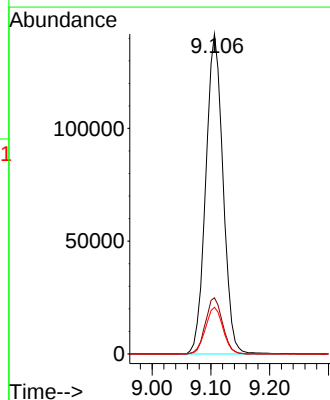
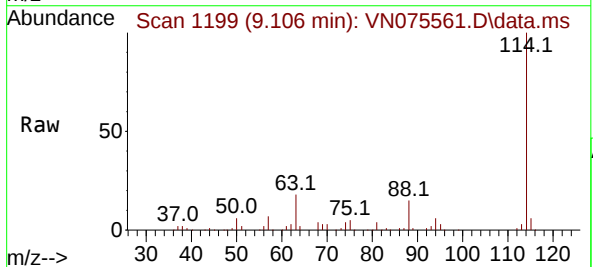
Tgt Ion: 114 Resp: 288000

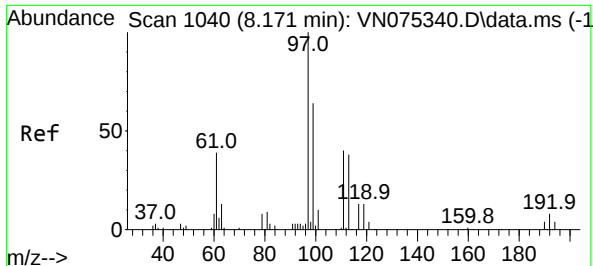
Ion Ratio Lower Upper

114 100

63 17.5 0.0 39.6

88 14.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.698 ug/l

RT: 8.177 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VN075561.D

Acq: 05 Dec 2022 16:07

Instrument :

MSVOA_N

ClientSampleId :

SAY2-VRG-1201DL

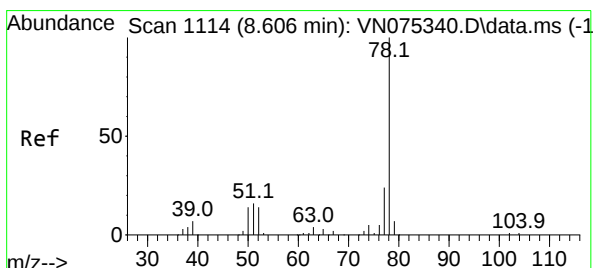
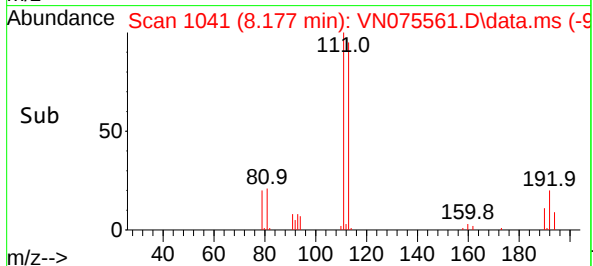
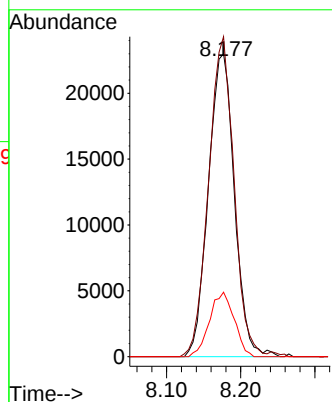
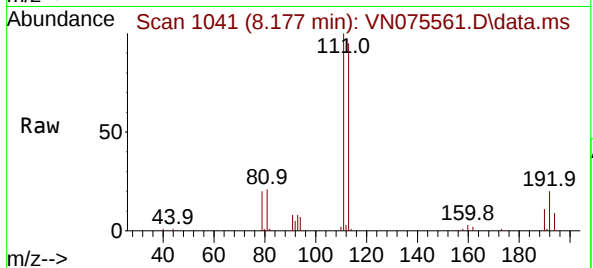
Tgt Ion:113 Resp: 56226

Ion Ratio Lower Upper

113 100

111 102.6 80.5 120.7

192 20.1 13.2 19.8#



#40

Benzene

Concen: 55.041 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075561.D

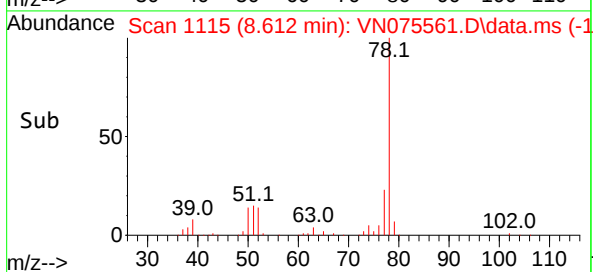
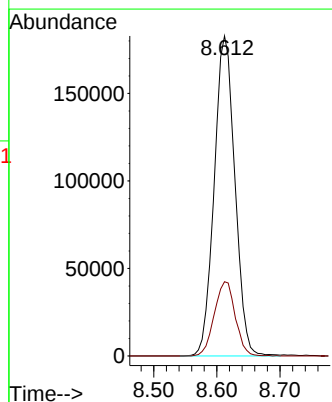
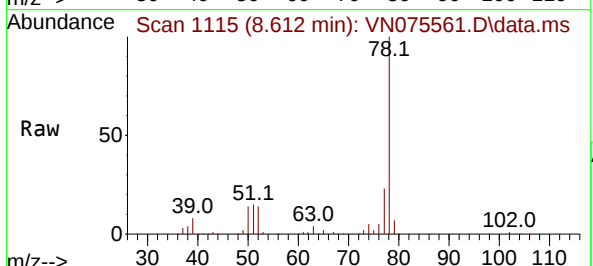
Acq: 05 Dec 2022 16:07

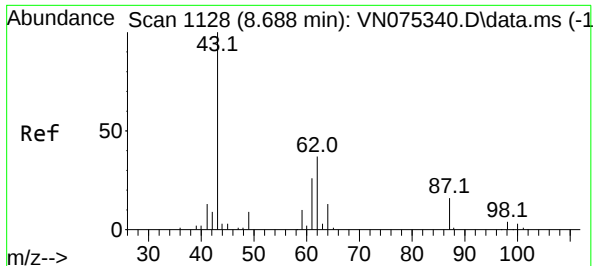
Tgt Ion: 78 Resp: 415775

Ion Ratio Lower Upper

78 100

77 23.2 19.4 29.0





#43

Isopropyl Acetate

Concen: 4.760 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN075561.D

Acq: 05 Dec 2022 16:07

Instrument :

MSVOA_N

ClientSampleId :

SAY2-VRG-1201DL

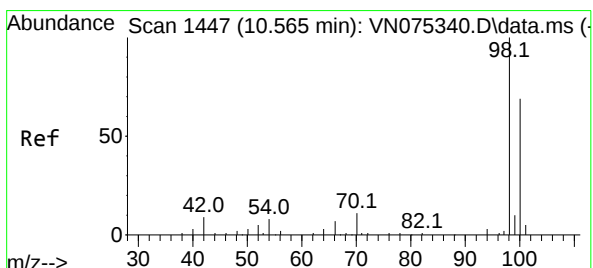
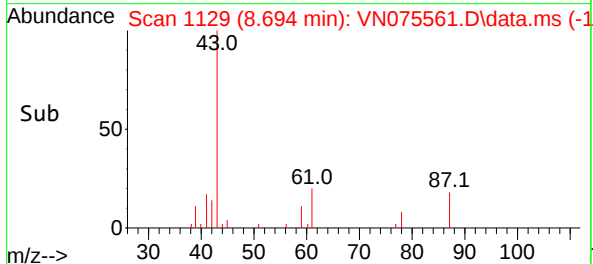
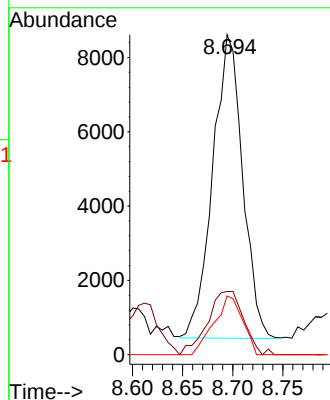
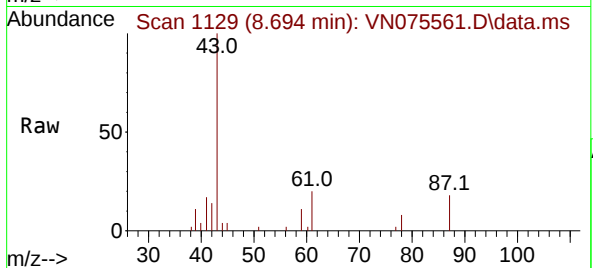
Tgt Ion: 43 Resp: 16975

Ion Ratio Lower Upper

43 100

61 25.1 22.4 33.6

87 18.4 12.5 18.7



#50

Toluene-d8

Concen: 48.160 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075561.D

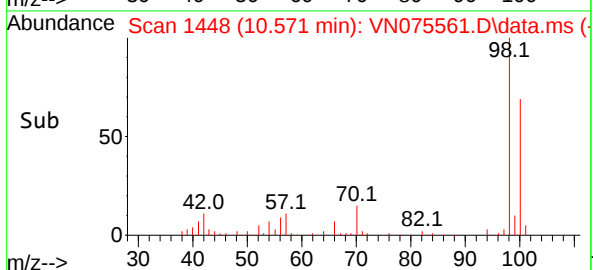
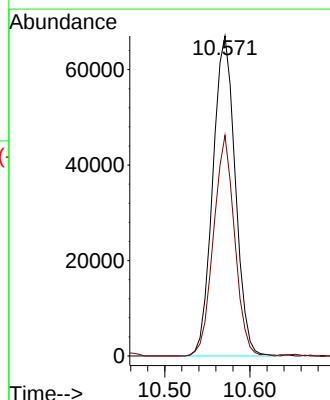
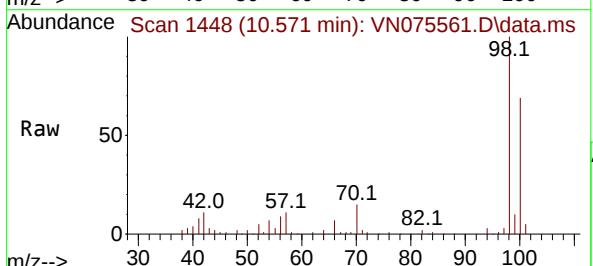
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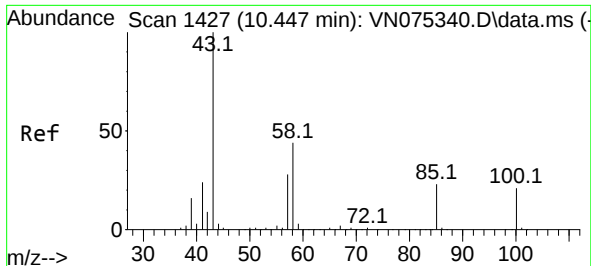
Tgt Ion: 98 Resp: 122719

Ion Ratio Lower Upper

98 100

100 64.9 53.0 79.6

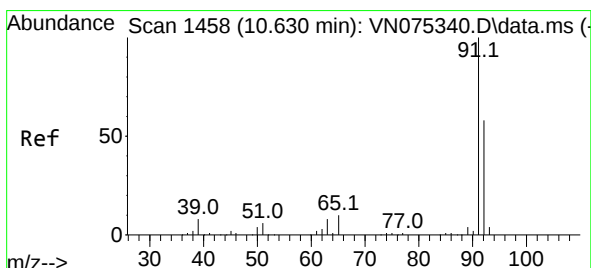
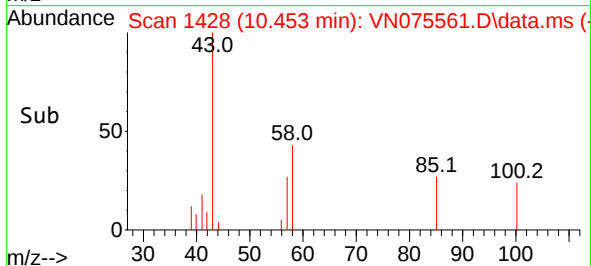
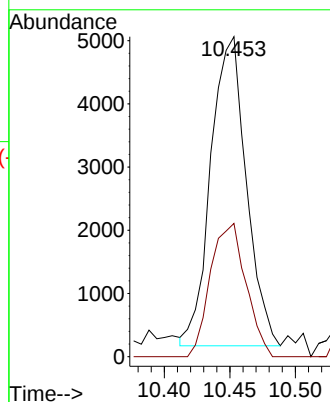
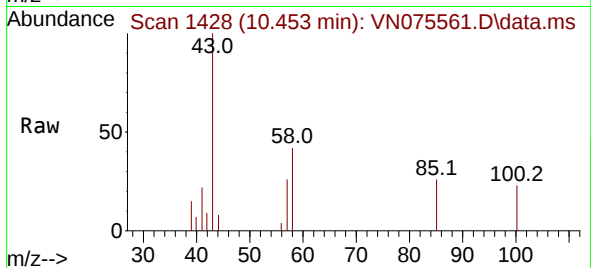




#51
4-Methyl-2-Pentanone
Concen: 4.054 ug/l
RT: 10.453 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VN075561.D
Acq: 05 Dec 2022 16:07

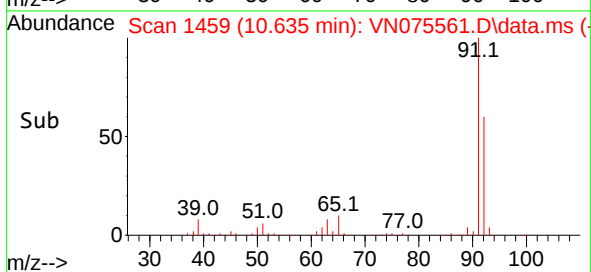
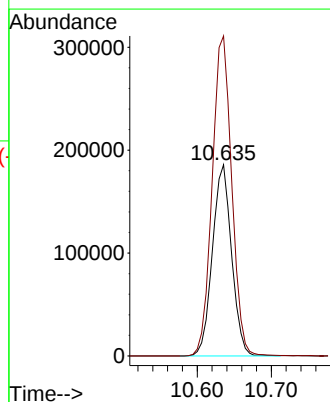
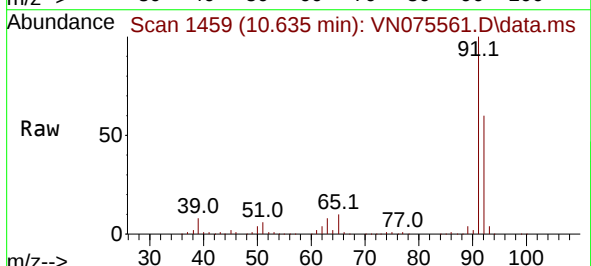
Instrument :
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SAY2-VRG-1201DL

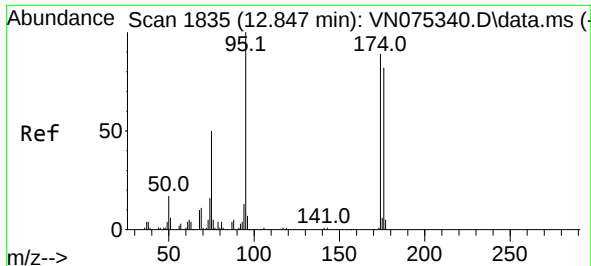
Tgt Ion: 43 Resp: 9208
Ion Ratio Lower Upper
43 100
58 43.1 33.6 50.4



#52
Toluene
Concen: 68.494 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.005 min
Lab File: VN075561.D
Acq: 05 Dec 2022 16:07

Tgt Ion: 92 Resp: 333417
Ion Ratio Lower Upper
92 100
91 170.8 135.4 203.2





#62

4-Bromofluorobenzene

Concen: 47.906 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN075561.D

Acq: 05 Dec 2022 16:07

Instrument :

MSVOA_N

ClientSampleId :

SAY2-VRG-1201DL

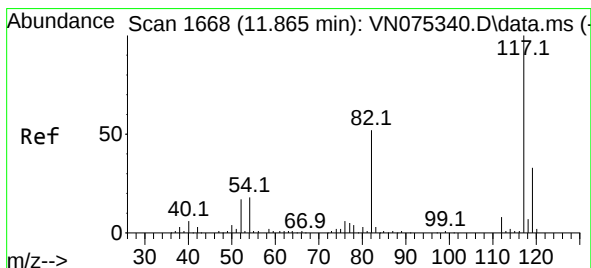
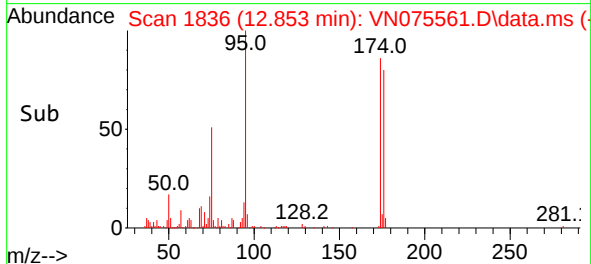
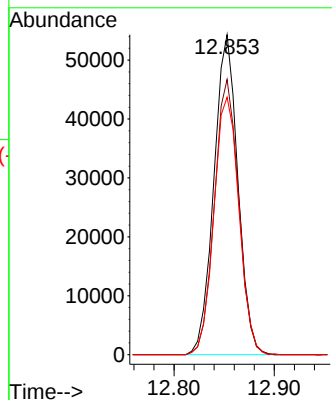
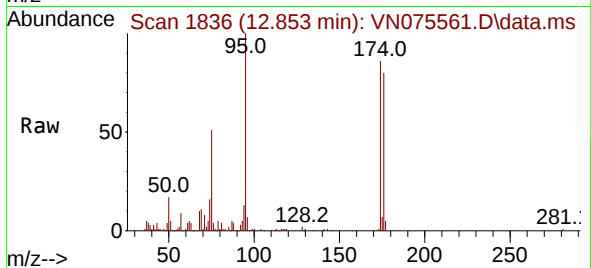
Tgt Ion: 95 Resp: 90102

Ion Ratio Lower Upper

95 100

174 87.0 0.0 147.4

176 84.1 0.0 142.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1669

Delta R.T. 0.006 min

Lab File: VN075561.D

Acq: 05 Dec 2022 16:07

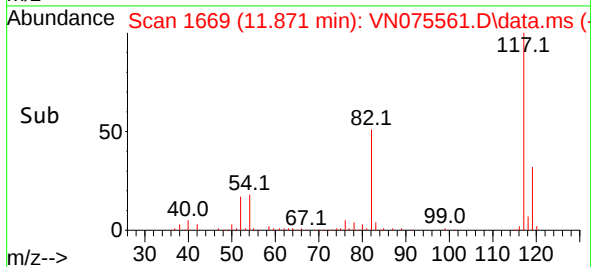
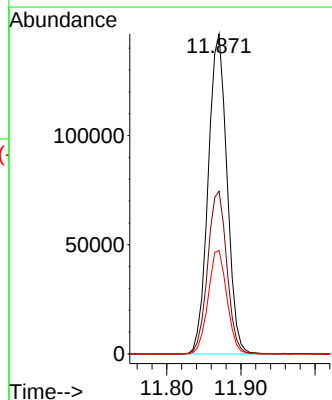
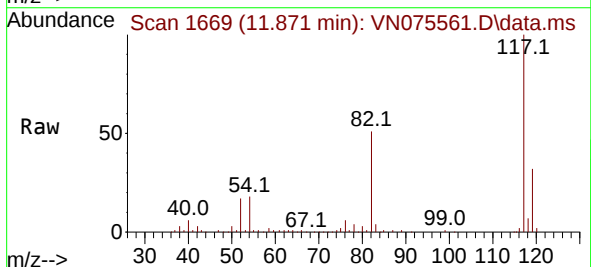
Tgt Ion: 117 Resp: 258699

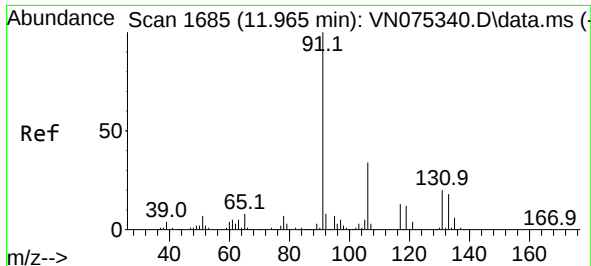
Ion Ratio Lower Upper

117 100

82 50.9 43.1 64.7

119 32.3 25.5 38.3

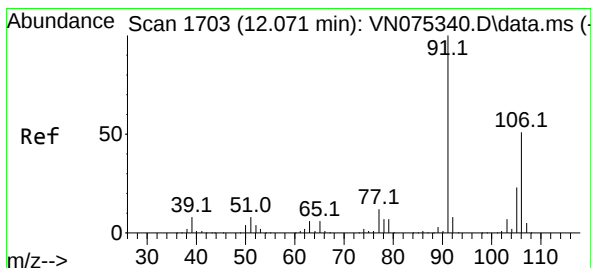
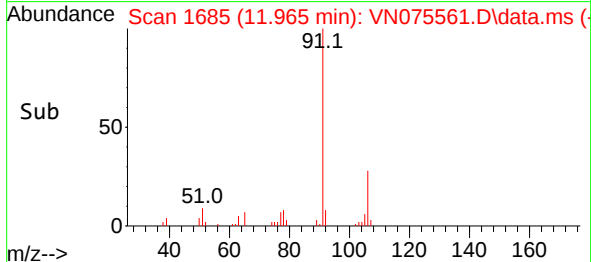
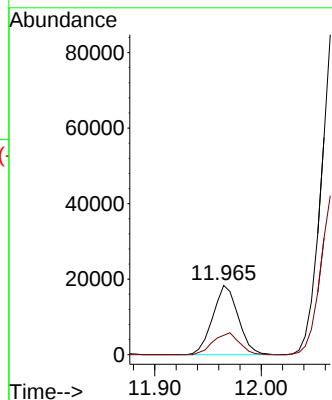
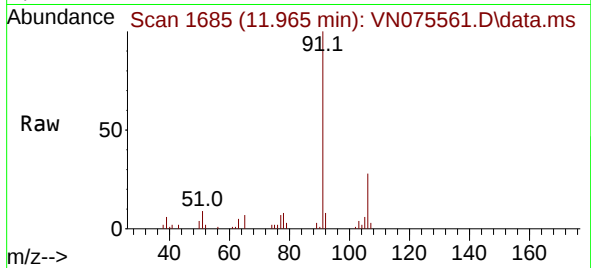




#67
Ethyl Benzene
Concen: 3.335 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075561.D
Acq: 05 Dec 2022 16:07

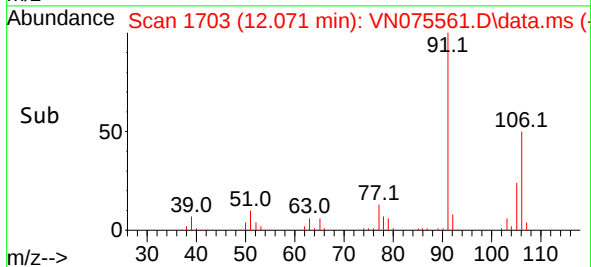
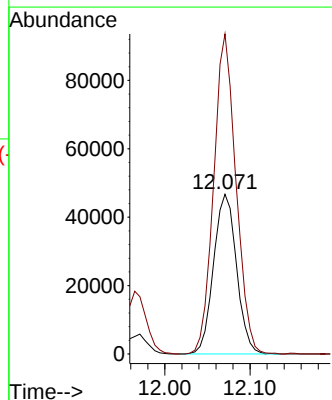
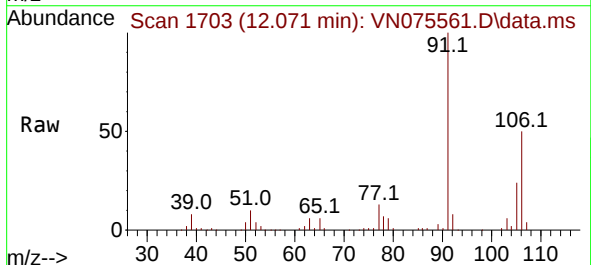
Instrument :
MSVOA_N
ClientSampleId :
SAY2-VRG-1201DL

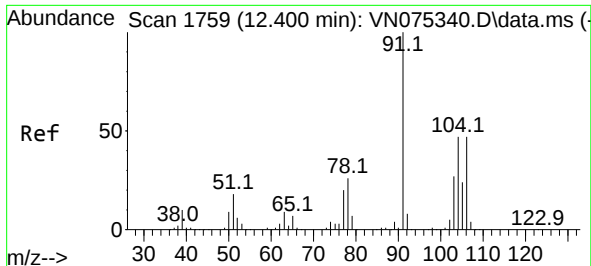
Tgt Ion: 91 Resp: 30395
Ion Ratio Lower Upper
91 100
106 27.9 24.9 37.3



#68
m/p-Xylenes
Concen: 23.630 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN075561.D
Acq: 05 Dec 2022 16:07

Tgt Ion: 106 Resp: 87462
Ion Ratio Lower Upper
106 100
91 194.8 156.0 234.0

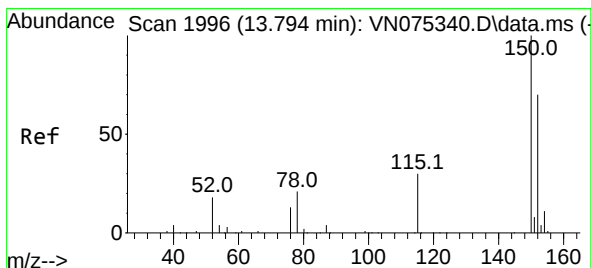
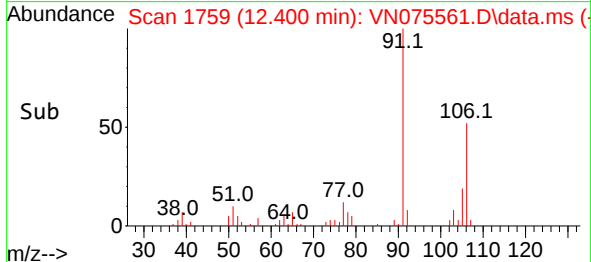
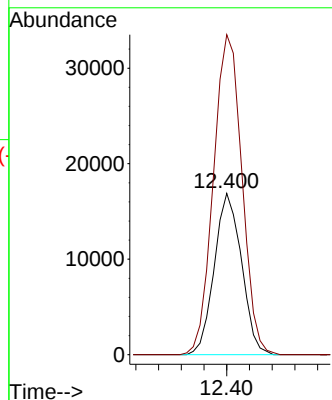
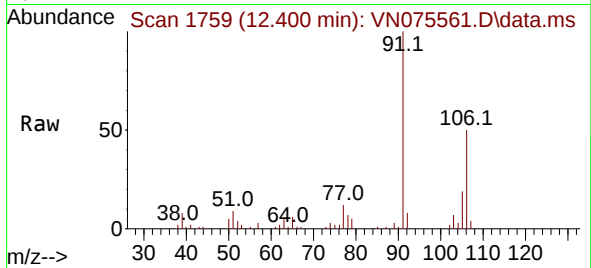




#69
o-Xylene
Concen: 7.644 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075561.D
Acq: 05 Dec 2022 16:07

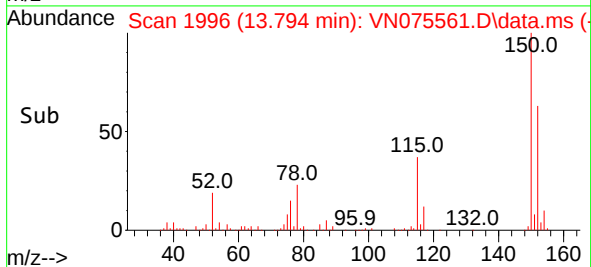
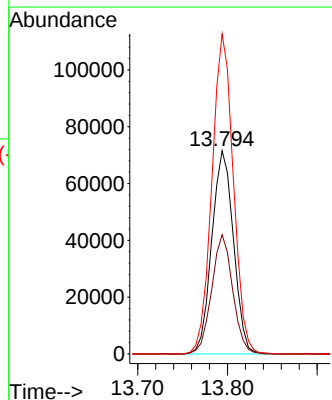
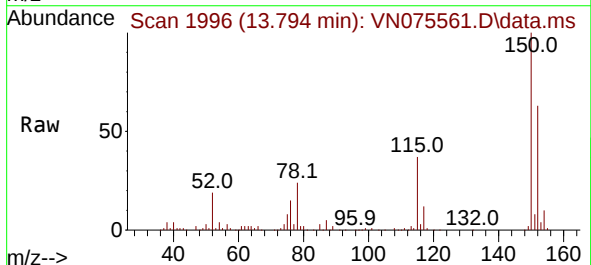
Instrument :
MSVOA_N
ClientSampleId :
SAY2-VRG-1201DL

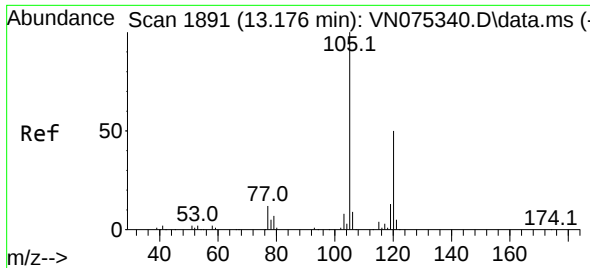
Tgt Ion:106 Resp: 28112
Ion Ratio Lower Upper
106 100
91 207.8 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075561.D
Acq: 05 Dec 2022 16:07

Tgt Ion:152 Resp: 119931
Ion Ratio Lower Upper
152 100
115 56.9 30.2 90.6
150 155.4 0.0 348.4

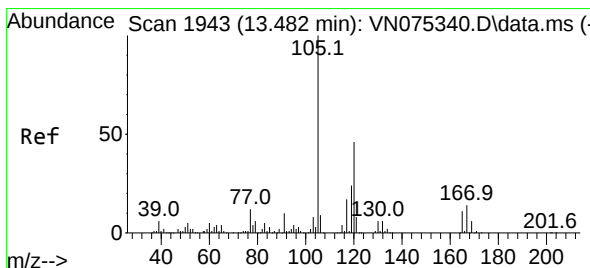
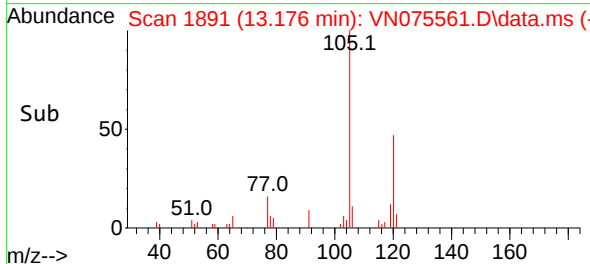
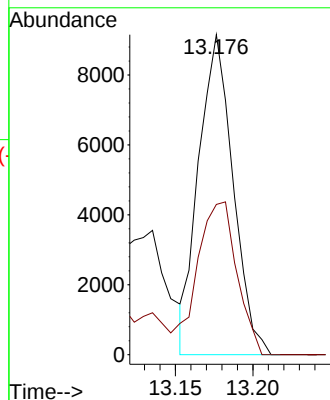
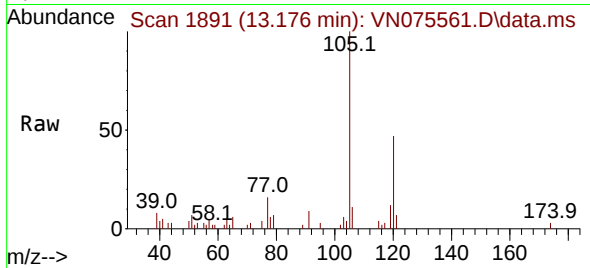




#80
 1,3,5-Trimethylbenzene
 Concen: 1.932 ug/l
 RT: 13.176 min Scan# 1891
 Delta R.T. 0.000 min
 Lab File: VN075561.D
 Acq: 05 Dec 2022 16:07

Instrument :
 MSVOA_N
 ClientSampleId :
 SAY2-VRG-1201DL

Tgt Ion:105 Resp: 14064
 Ion Ratio Lower Upper
 105 100
 120 55.3 24.7 74.1



#84
 1,2,4-Trimethylbenzene
 Concen: 3.347 ug/l
 RT: 13.488 min Scan# 1944
 Delta R.T. 0.006 min
 Lab File: VN075561.D
 Acq: 05 Dec 2022 16:07

Tgt Ion:105 Resp: 24441
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.7 68.1

