

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022422\
 Data File : VX027166.D
 Acq On : 24 Feb 2022 13:36
 Operator : JC/MD
 Sample : N1647-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31415

Quant Time: Feb 25 00:03:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

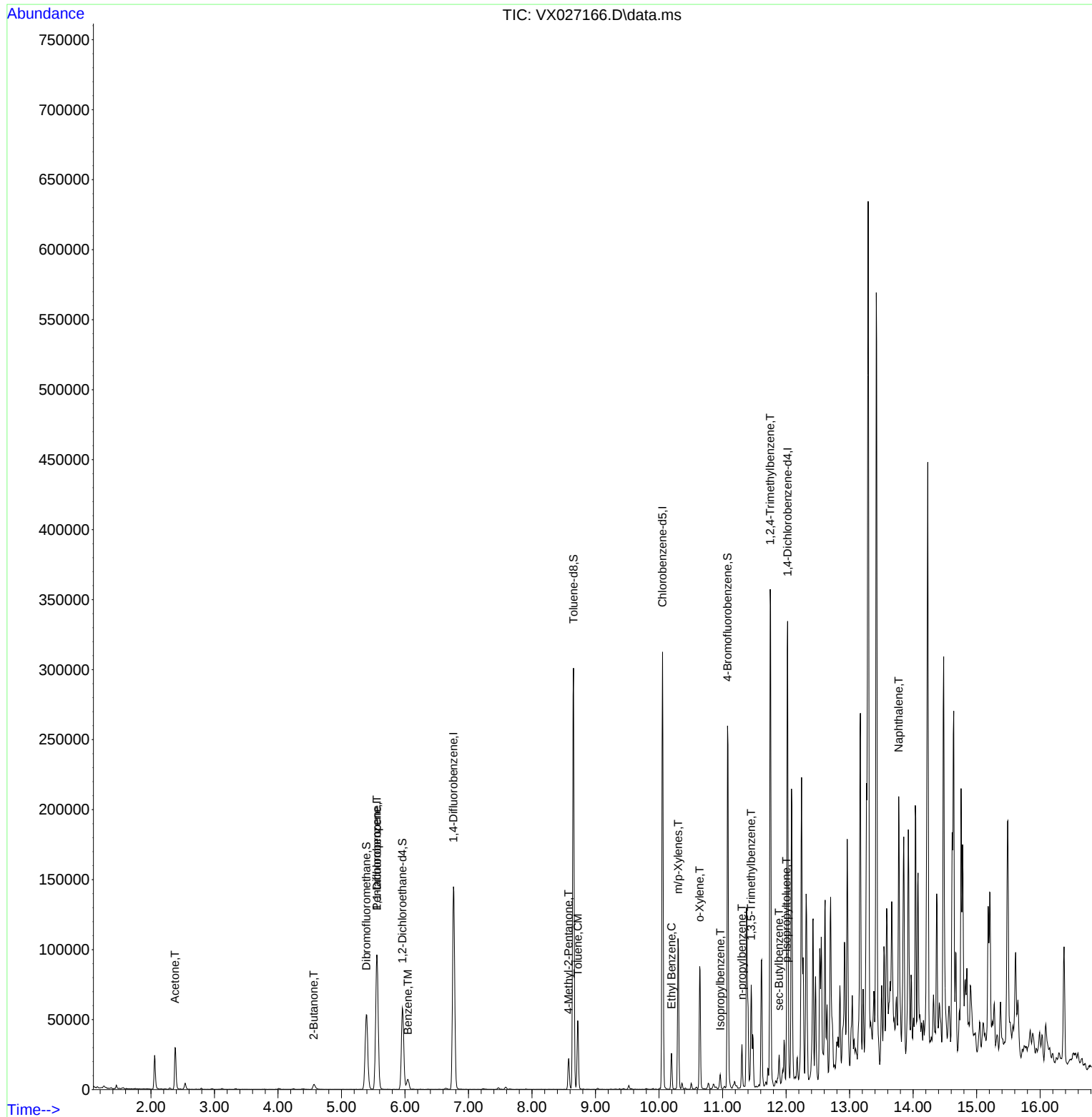
Internal Standards						
1) Pentafluorobenzene	5.556	168	93737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	155913	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56407	50.104	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.200%		
35) Dibromofluoromethane	5.391	113	48284	49.892	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.780%		
50) Toluene-d8	8.653	98	180982	50.014	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 100.020%		
62) 4-Bromofluorobenzene	11.079	95	70267	50.587	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 101.180%		
Target Compounds						
						Qvalue
16) Acetone	2.380	43	31250	63.222	ug/l	91
25) 2-Butanone	4.562	43	6905	8.772	ug/l	99
36) 1,1-Dichloropropene	5.556	75	6809	4.821	ug/l #	50
40) Benzene	6.044	78	8827	2.137	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	13650	8.803	ug/l	97
52) Toluene	8.720	92	18825	7.118	ug/l	100
67) Ethyl Benzene	10.195	91	15209	2.956	ug/l	99
68) m/p-Xylenes	10.299	106	25455	12.870	ug/l	97
69) o-Xylene	10.640	106	19376	9.761	ug/l	97
73) Isopropylbenzene	10.963	105	5036	1.017	ug/l	99
78) n-propylbenzene	11.305	91	18187	3.232	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	31445	7.553	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	159040	38.406	ug/l	96
85) sec-Butylbenzene	11.890	105	7891	1.555	ug/l	90
86) p-Isopropyltoluene	12.006	119	6379	1.474	ug/l	97
95) Naphthalene	13.774	128	104034	21.398	ug/l	99

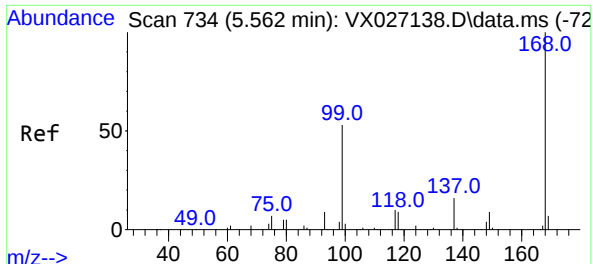
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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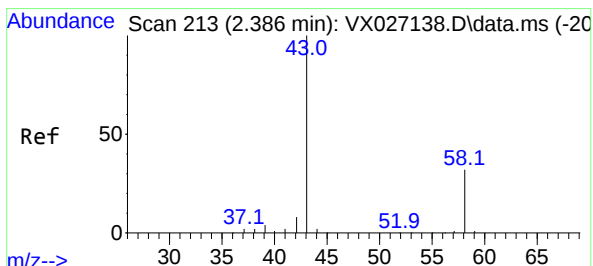
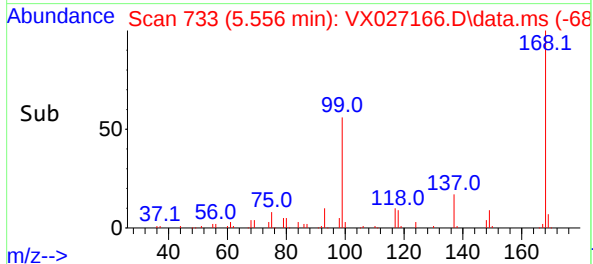
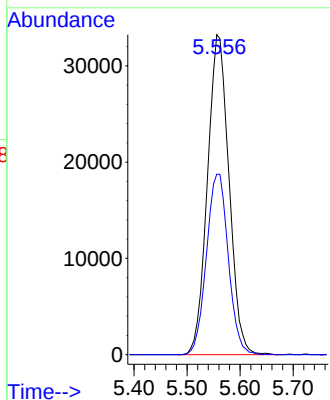
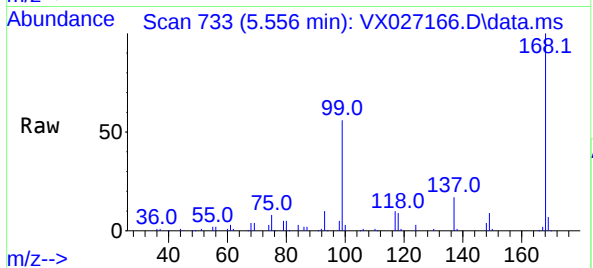




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027166.D
Acq: 24 Feb 2022 13:36

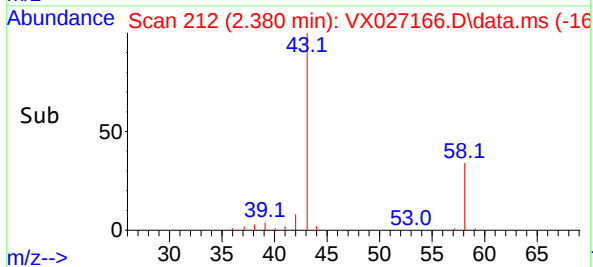
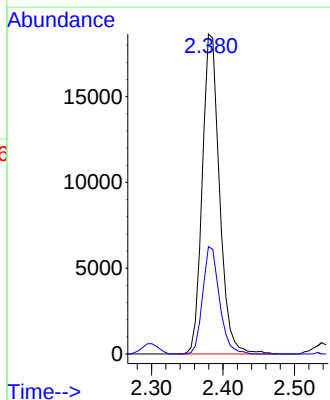
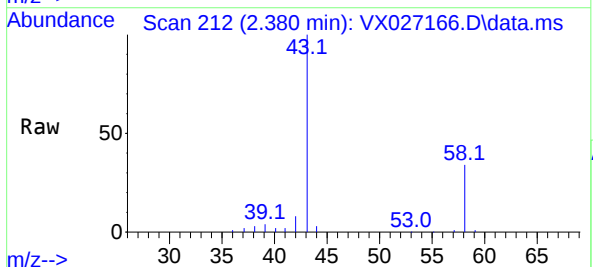
Instrument :
MSVOA_X
ClientSampleId :
31415

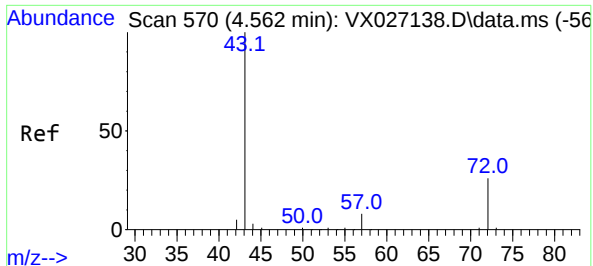
Tgt Ion:168 Resp: 93737
Ion Ratio Lower Upper
168 100
99 56.4 50.3 75.5



#16
Acetone
Concen: 63.222 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX027166.D
Acq: 24 Feb 2022 13:36

Tgt Ion: 43 Resp: 31250
Ion Ratio Lower Upper
43 100
58 33.5 23.0 34.6





#25

2-Butanone

Concen: 8.772 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX027166.D

Acq: 24 Feb 2022 13:36

Instrument :

MSVOA_X

ClientSampleId :

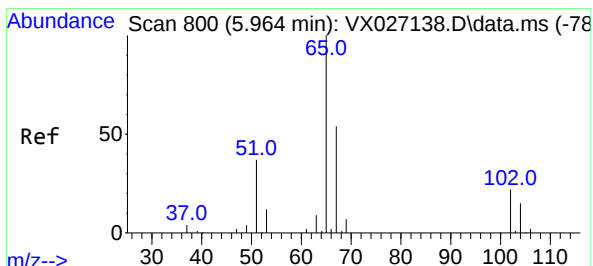
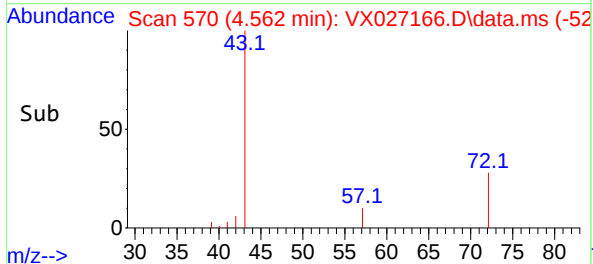
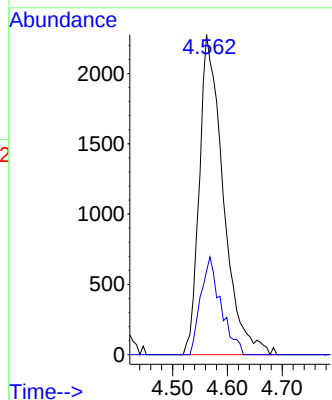
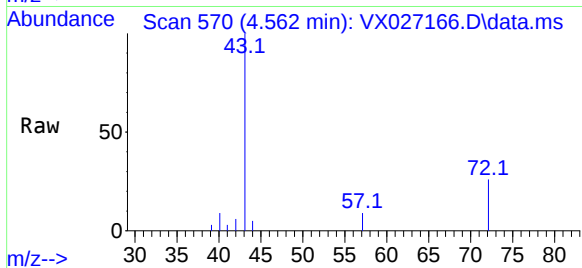
31415

Tgt Ion: 43 Resp: 6905

Ion Ratio Lower Upper

43 100

72 26.2 20.4 30.6



#33

1,2-Dichloroethane-d4

Concen: 50.104 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027166.D

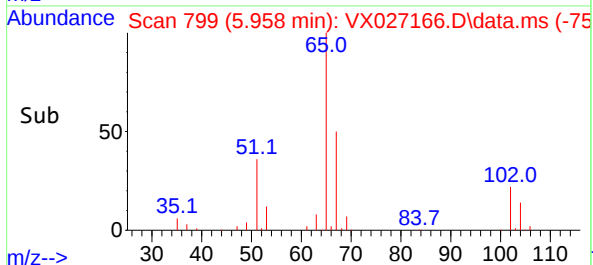
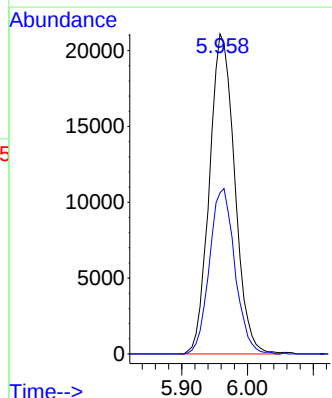
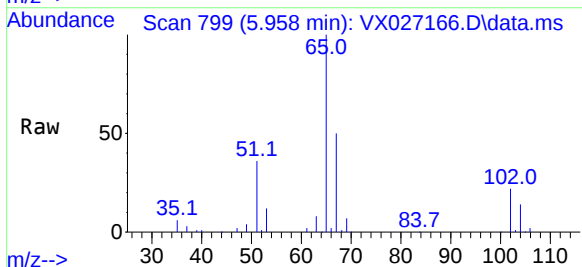
Acq: 24 Feb 2022 13:36

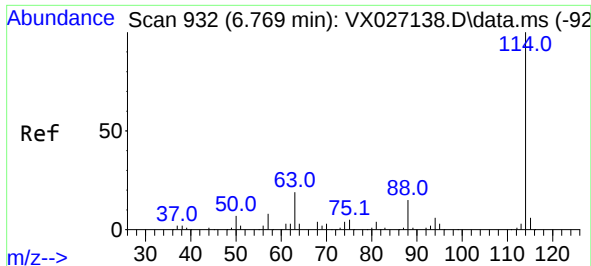
Tgt Ion: 65 Resp: 56407

Ion Ratio Lower Upper

65 100

67 52.0 0.0 100.8

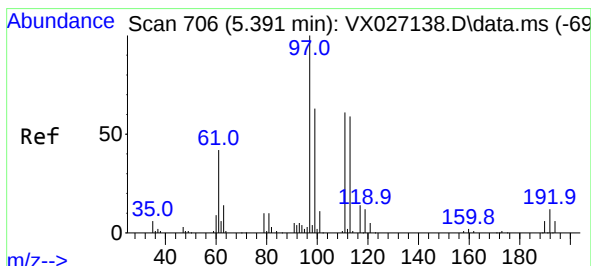
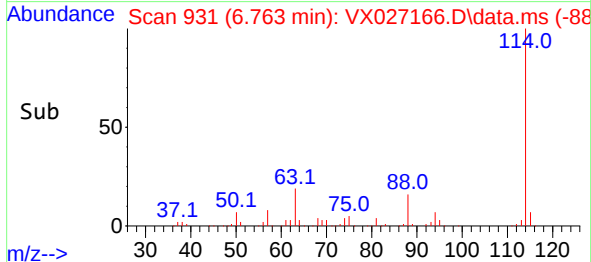
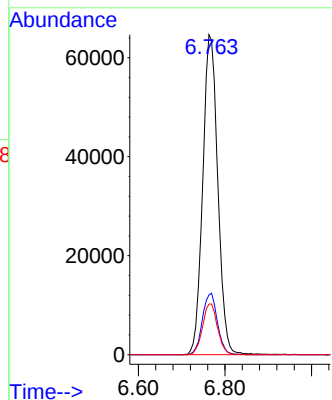
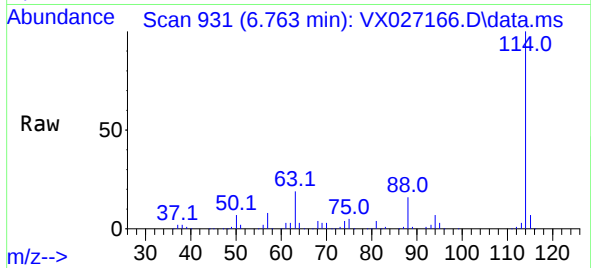




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX027166.D
Acq: 24 Feb 2022 13:36

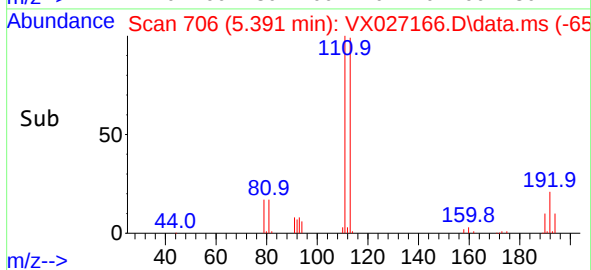
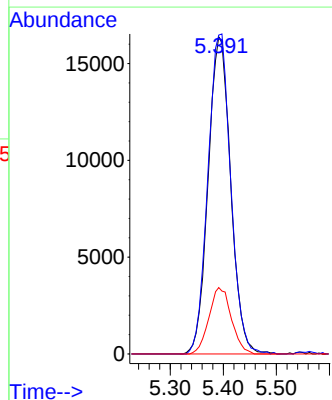
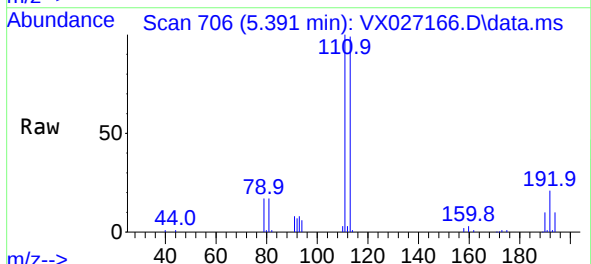
Instrument :
MSVOA_X
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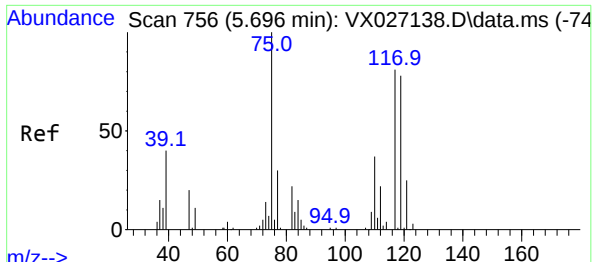
Tgt Ion:114 Resp: 155913
Ion Ratio Lower Upper
114 100
63 18.7 0.0 42.8
88 15.8 0.0 33.0



#35
Dibromofluoromethane
Concen: 49.892 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027166.D
Acq: 24 Feb 2022 13:36

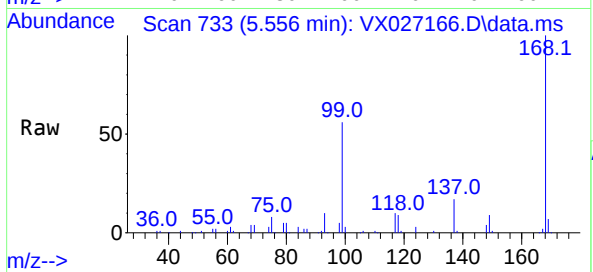
Tgt Ion:113 Resp: 48284
Ion Ratio Lower Upper
113 100
111 102.3 81.2 121.8
192 20.8 15.0 22.4



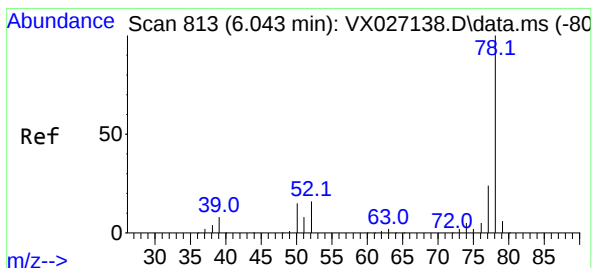
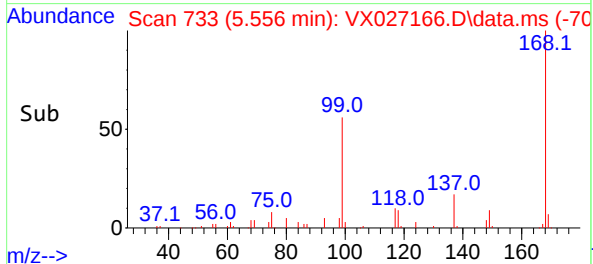
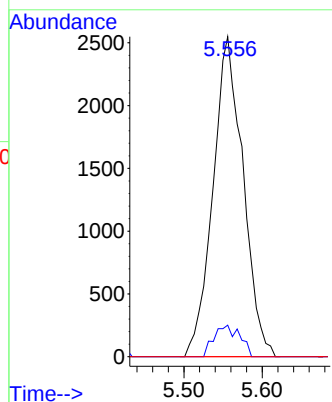


#36
1,1-Dichloropropene
Concen: 4.821 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027166.D
Acq: 24 Feb 2022 13:36

Instrument :
MSVOA_X
ClientSampleId :
31415

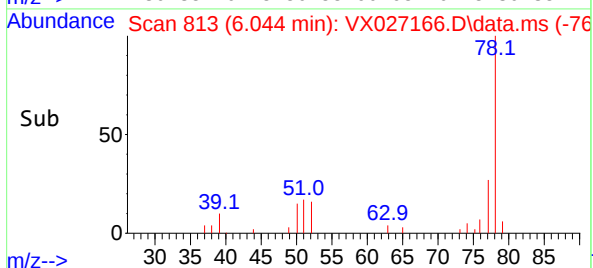
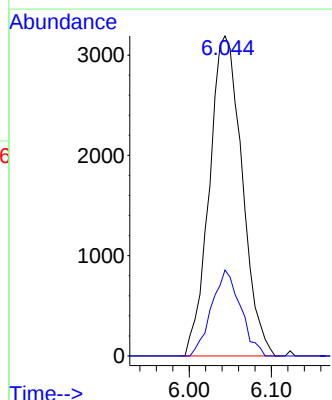
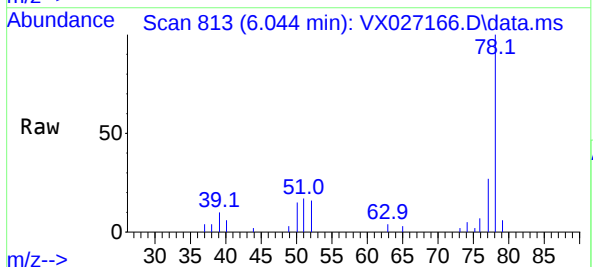


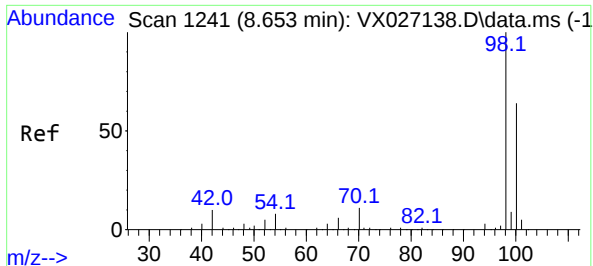
Tgt Ion: 75 Resp: 6809
Ion Ratio Lower Upper
75 100
110 8.5 17.2 51.6#
77 0.0 24.6 36.8#



#40
Benzene
Concen: 2.137 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.001 min
Lab File: VX027166.D
Acq: 24 Feb 2022 13:36

Tgt Ion: 78 Resp: 8827
Ion Ratio Lower Upper
78 100
77 26.8 18.9 28.3

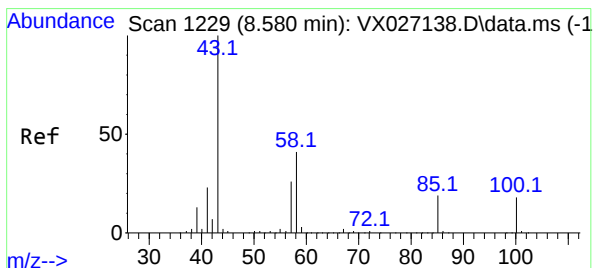
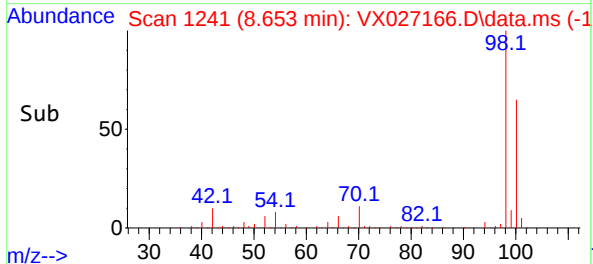
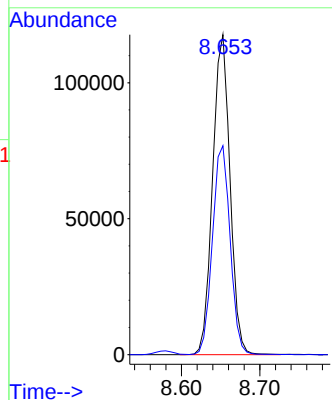
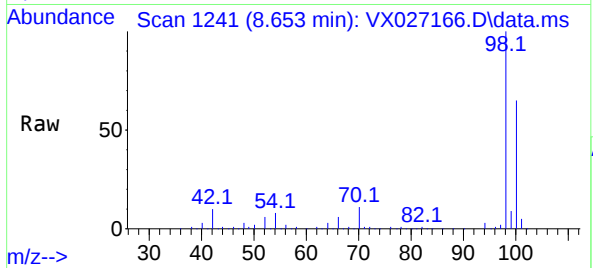




#50
Toluene-d8
Concen: 50.014 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027166.D
Acq: 24 Feb 2022 13:36

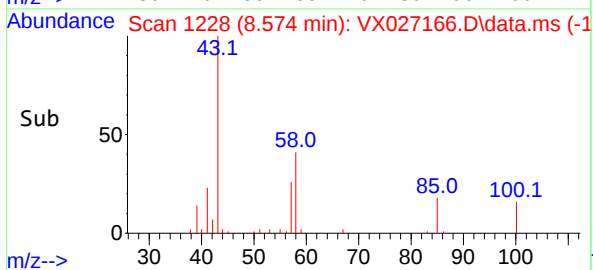
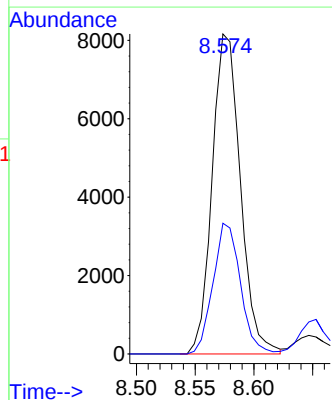
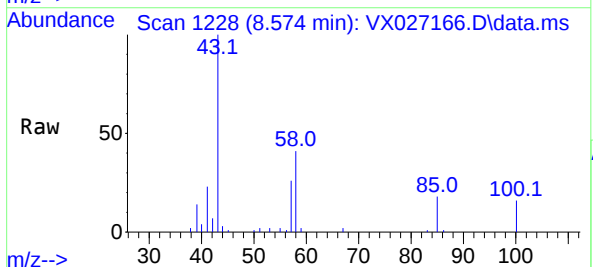
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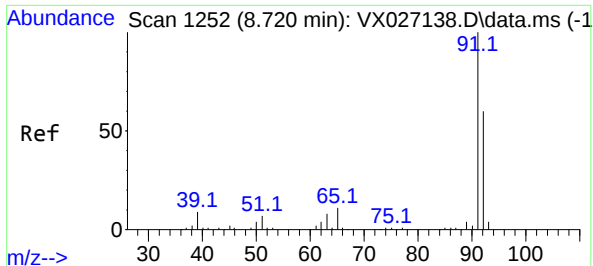
Tgt Ion: 98 Resp: 180982
Ion Ratio Lower Upper
98 100
100 66.7 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 8.803 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX027166.D
Acq: 24 Feb 2022 13:36

Tgt Ion: 43 Resp: 13650
Ion Ratio Lower Upper
43 100
58 39.6 30.5 45.7

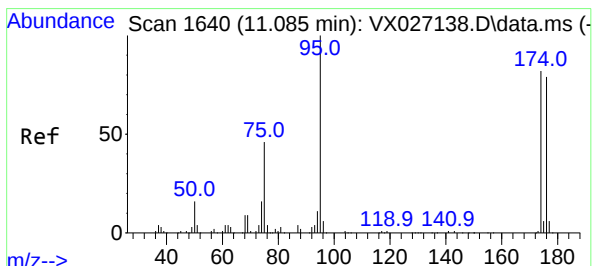
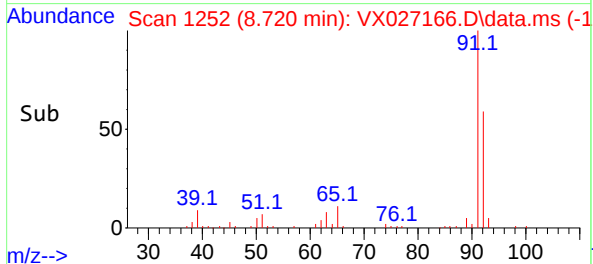
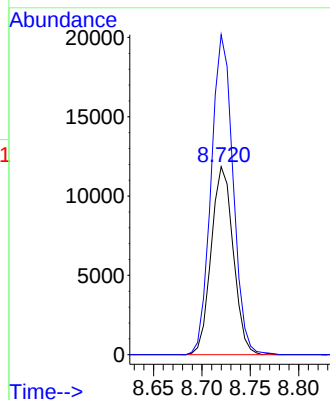
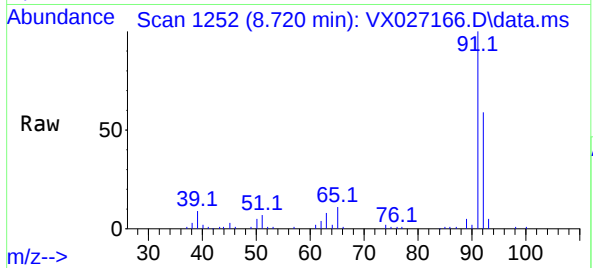




#52
Toluene
Concen: 7.118 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027166.D
Acq: 24 Feb 2022 13:36

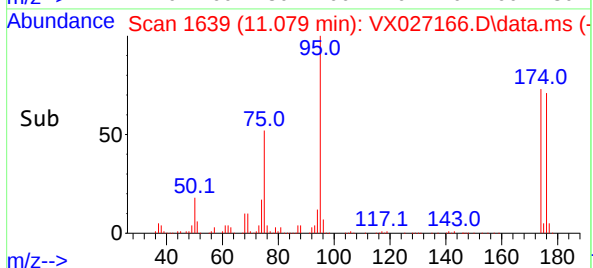
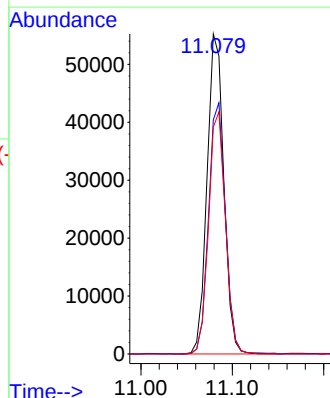
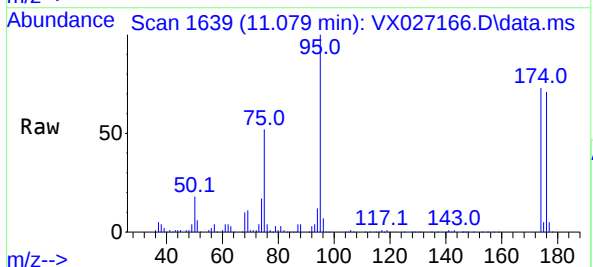
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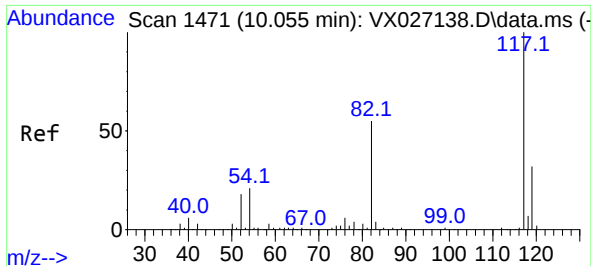
Tgt Ion: 92 Resp: 18825
Ion Ratio Lower Upper
92 100
91 169.0 135.7 203.5



#62
4-Bromofluorobenzene
Concen: 50.587 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027166.D
Acq: 24 Feb 2022 13:36

Tgt Ion: 95 Resp: 70267
Ion Ratio Lower Upper
95 100
174 79.0 0.0 148.6
176 75.9 0.0 141.4

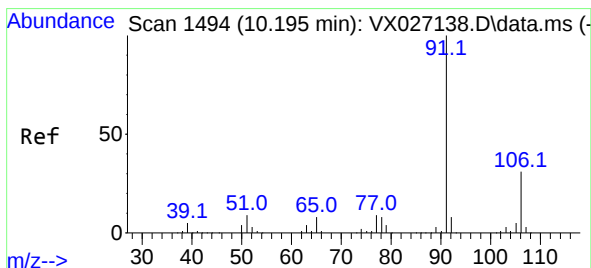
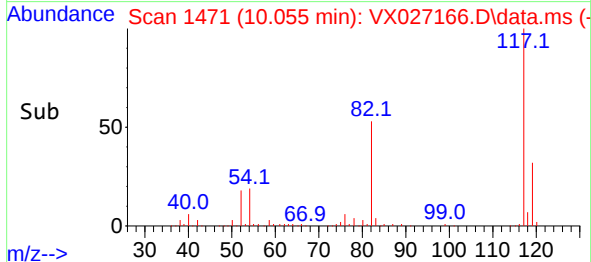
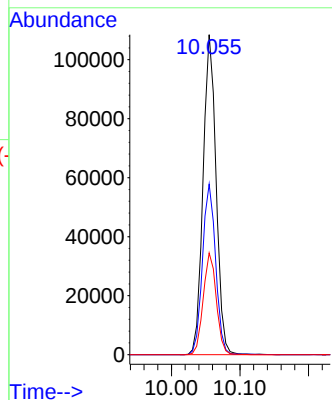
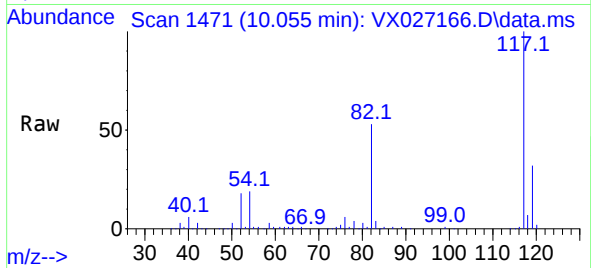




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027166.D
Acq: 24 Feb 2022 13:36

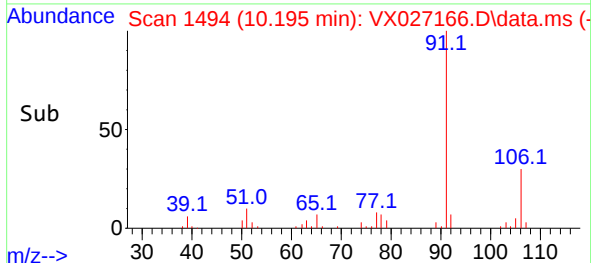
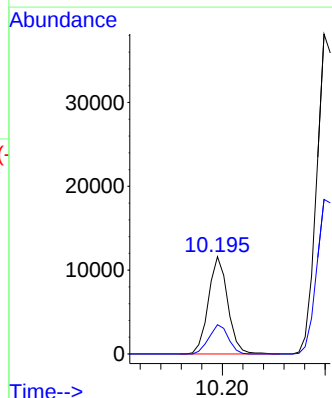
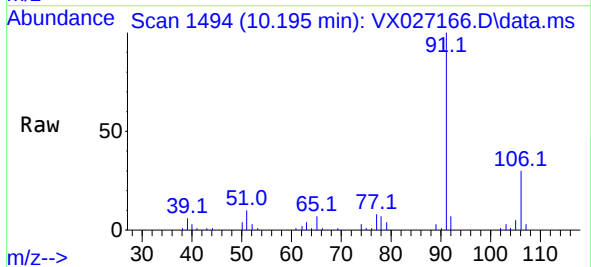
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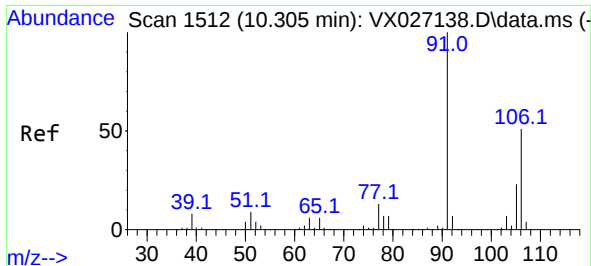
Tgt Ion:117 Resp: 143764
Ion Ratio Lower Upper
117 100
82 53.3 45.2 67.8
119 31.8 26.2 39.2



#67
Ethyl Benzene
Concen: 2.956 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027166.D
Acq: 24 Feb 2022 13:36

Tgt Ion: 91 Resp: 15209
Ion Ratio Lower Upper
91 100
106 30.1 24.7 37.1

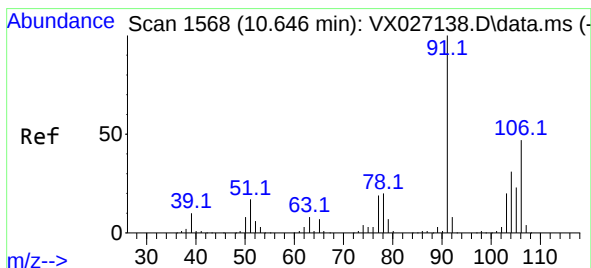
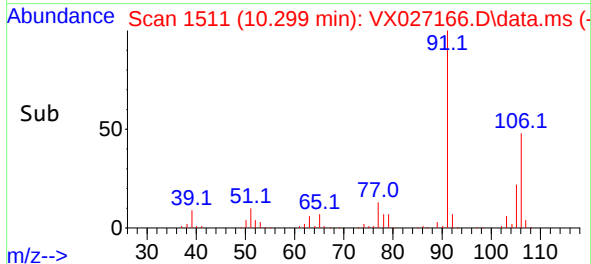
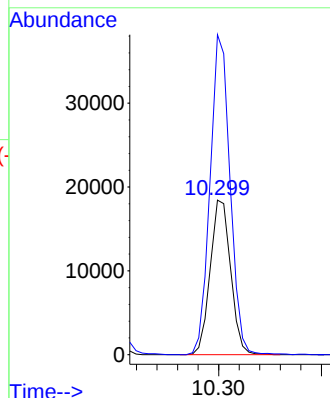
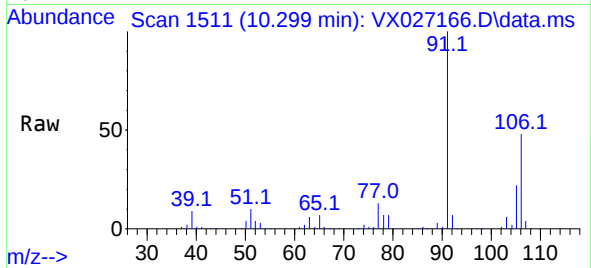




#68
m/p-Xylenes
Concen: 12.870 ug/l
RT: 10.299 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX027166.D
Acq: 24 Feb 2022 13:36

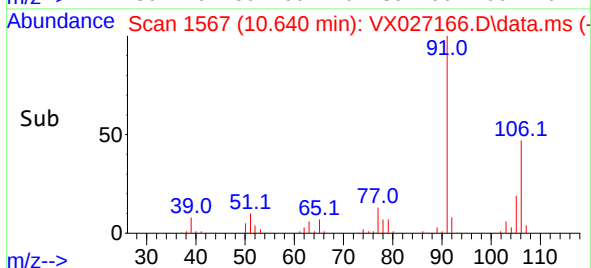
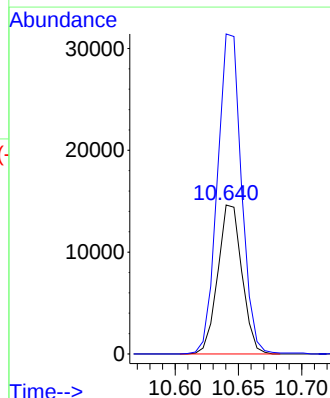
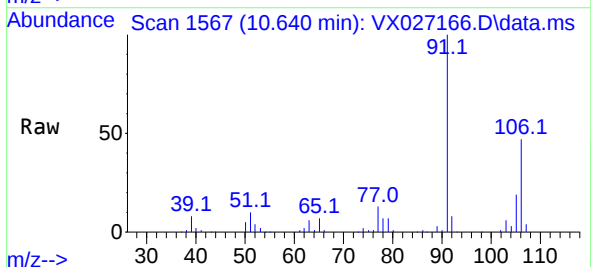
Instrument :
MSVOA_X
ClientSampleId :
31415

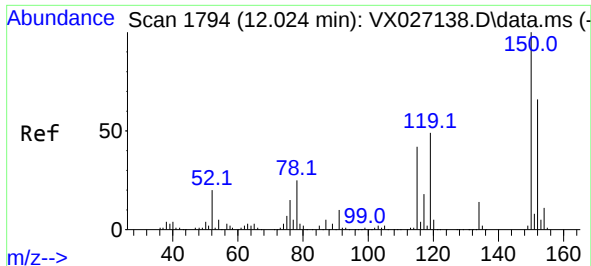
Tgt Ion:106 Resp: 25455
Ion Ratio Lower Upper
106 100
91 202.4 165.3 247.9



#69
o-Xylene
Concen: 9.761 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX027166.D
Acq: 24 Feb 2022 13:36

Tgt Ion:106 Resp: 19376
Ion Ratio Lower Upper
106 100
91 214.8 109.7 329.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX027166.D

Acq: 24 Feb 2022 13:36

Instrument :

MSVOA_X

ClientSampleId :

31415

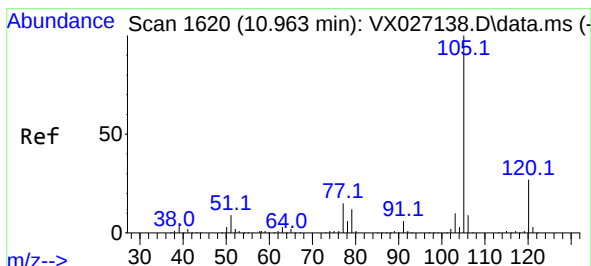
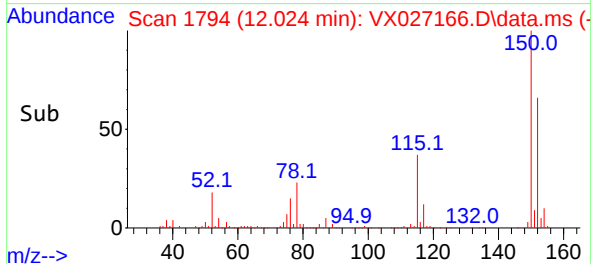
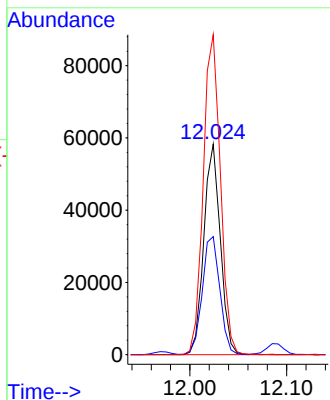
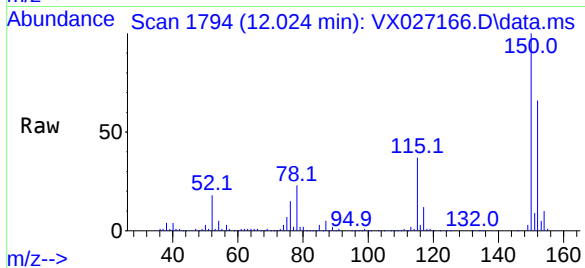
Tgt Ion:152 Resp: 69190

Ion Ratio Lower Upper

152 100

115 59.8 44.2 132.6

150 157.9 0.0 348.2



#73

Isopropylbenzene

Concen: 1.017 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX027166.D

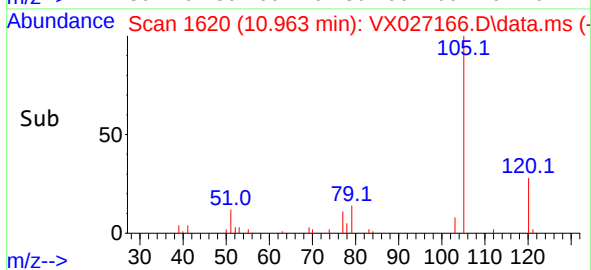
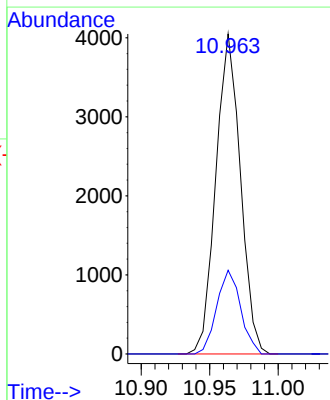
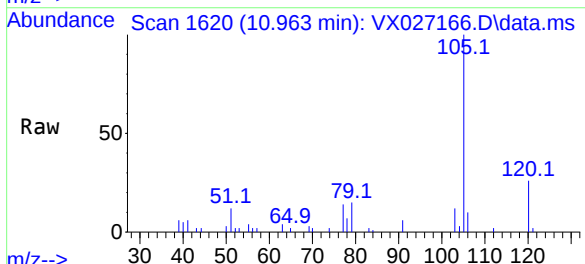
Acq: 24 Feb 2022 13:36

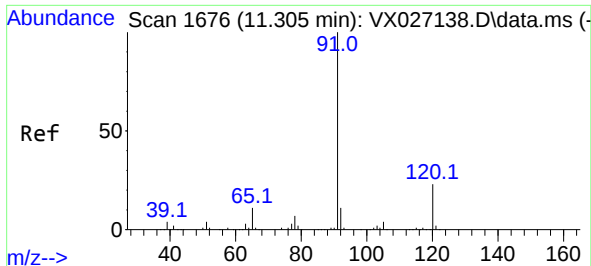
Tgt Ion:105 Resp: 5036

Ion Ratio Lower Upper

105 100

120 25.5 13.1 39.1

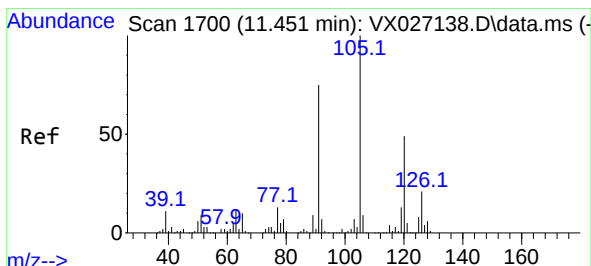
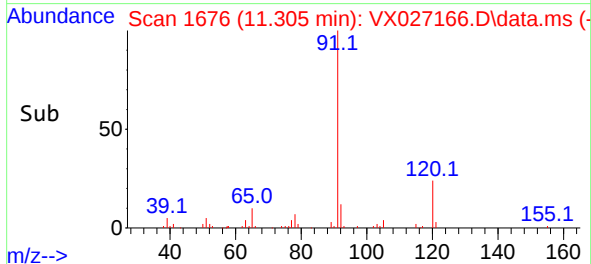
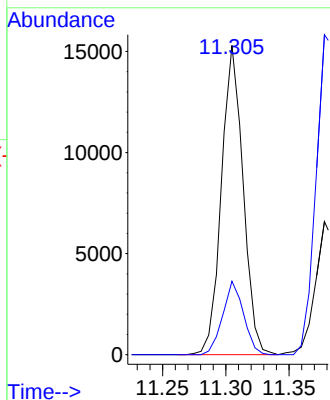
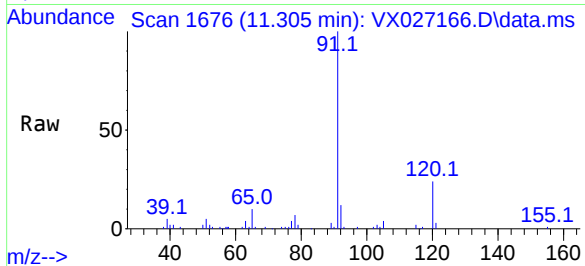




#78
n-propylbenzene
Concen: 3.232 ug/l
RT: 11.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027166.D
Acq: 24 Feb 2022 13:36

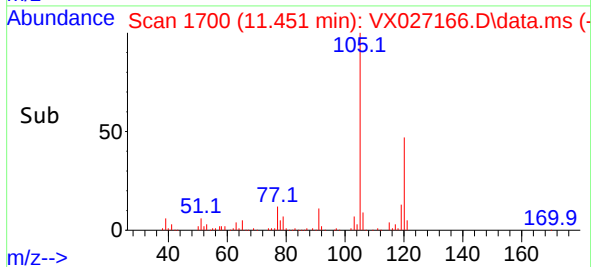
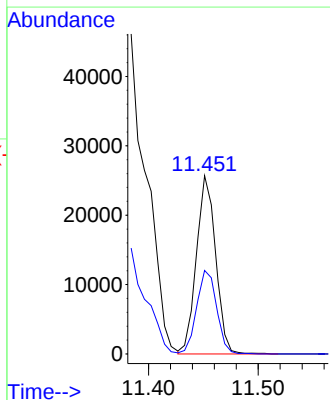
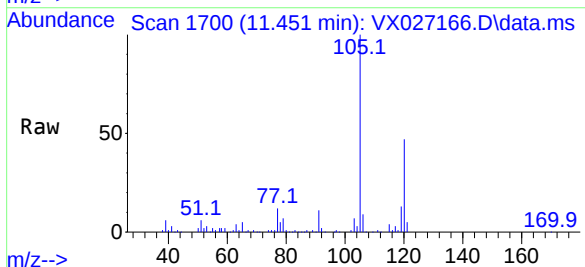
Instrument :
MSVOA_X
ClientSampleId :
31415

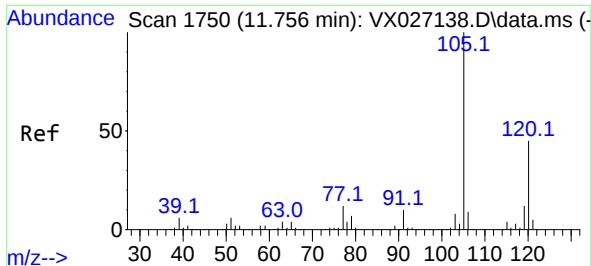
Tgt Ion: 91 Resp: 18187
Ion Ratio Lower Upper
91 100
120 22.9 11.6 34.7



#80
1,3,5-Trimethylbenzene
Concen: 7.553 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027166.D
Acq: 24 Feb 2022 13:36

Tgt Ion: 105 Resp: 31445
Ion Ratio Lower Upper
105 100
120 48.5 24.0 72.0

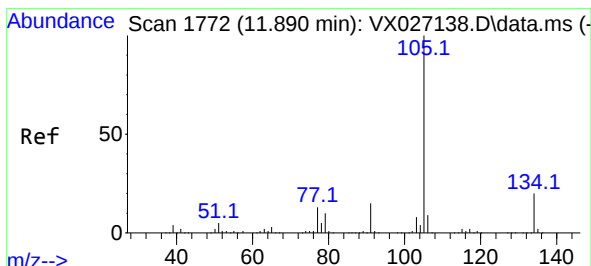
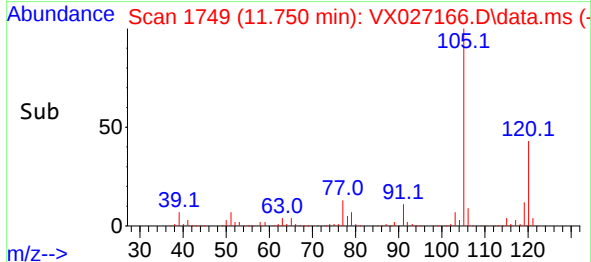
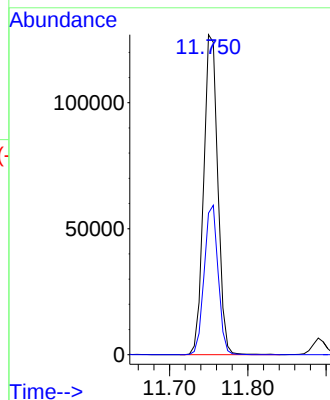
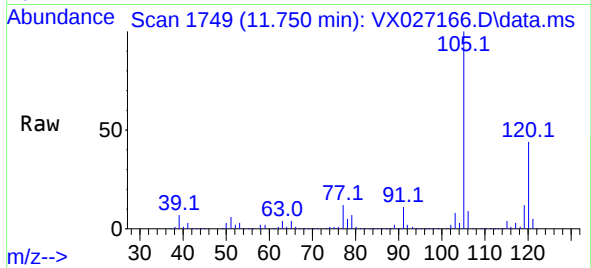




#84
1,2,4-Trimethylbenzene
Concen: 38.406 ug/l
RT: 11.750 min Scan# 1750
Delta R.T. -0.006 min
Lab File: VX027166.D
Acq: 24 Feb 2022 13:36

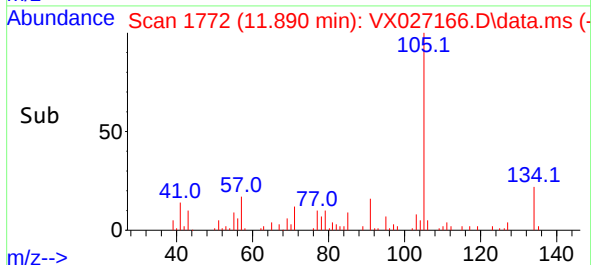
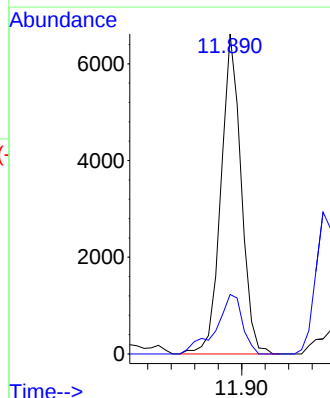
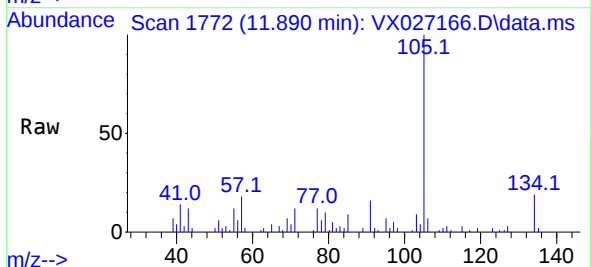
Instrument :
MSVOA_X
ClientSampleId :
31415

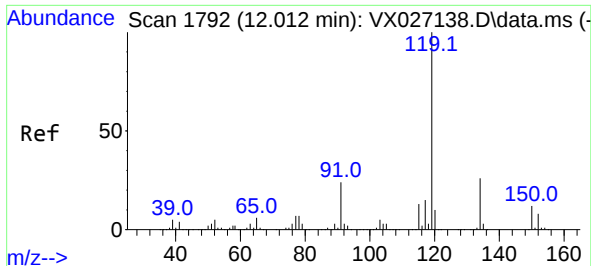
Tgt Ion:105 Resp: 159040
Ion Ratio Lower Upper
105 100
120 46.0 21.9 65.5



#85
sec-Butylbenzene
Concen: 1.555 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX027166.D
Acq: 24 Feb 2022 13:36

Tgt Ion:105 Resp: 7891
Ion Ratio Lower Upper
105 100
134 24.5 10.1 30.1

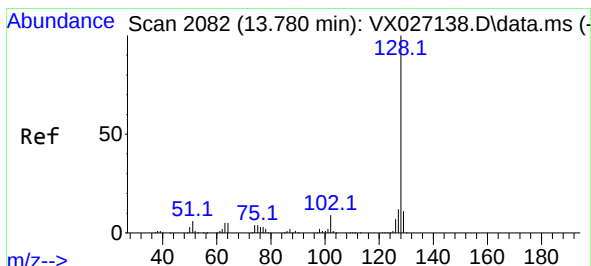
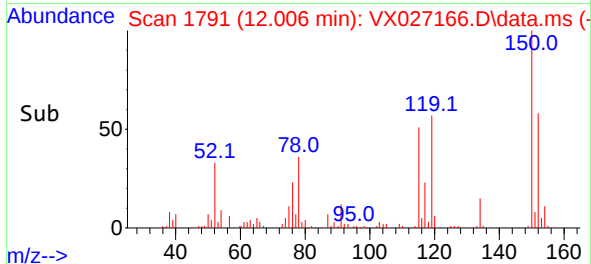
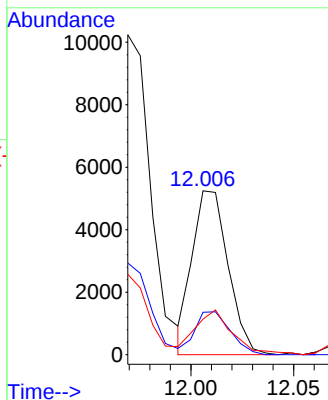
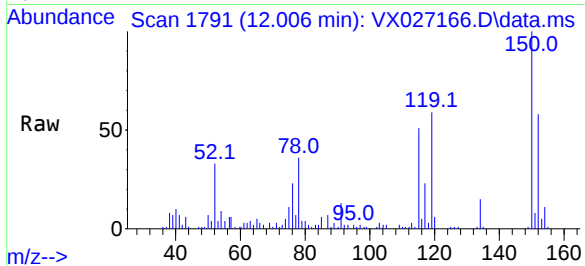




#86
p-Isopropyltoluene
Concen: 1.474 ug/l
RT: 12.006 min Scan# 119
Delta R.T. -0.006 min
Lab File: VX027166.D
Acq: 24 Feb 2022 13:36

Instrument :
MSVOA_X
ClientSampleId :
31415

Tgt Ion:119 Resp: 6379
Ion Ratio Lower Upper
119 100
134 26.0 13.0 39.0
91 28.3 12.6 37.6



#95
Naphthalene
Concen: 21.398 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX027166.D
Acq: 24 Feb 2022 13:36

Tgt Ion:128 Resp: 104034
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.6 8.7 13.1

