

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022422\
 Data File : VX027165.D
 Acq On : 24 Feb 2022 13:12
 Operator : JC/MD
 Sample : N1647-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31382

Quant Time: Feb 25 00:03:12 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)

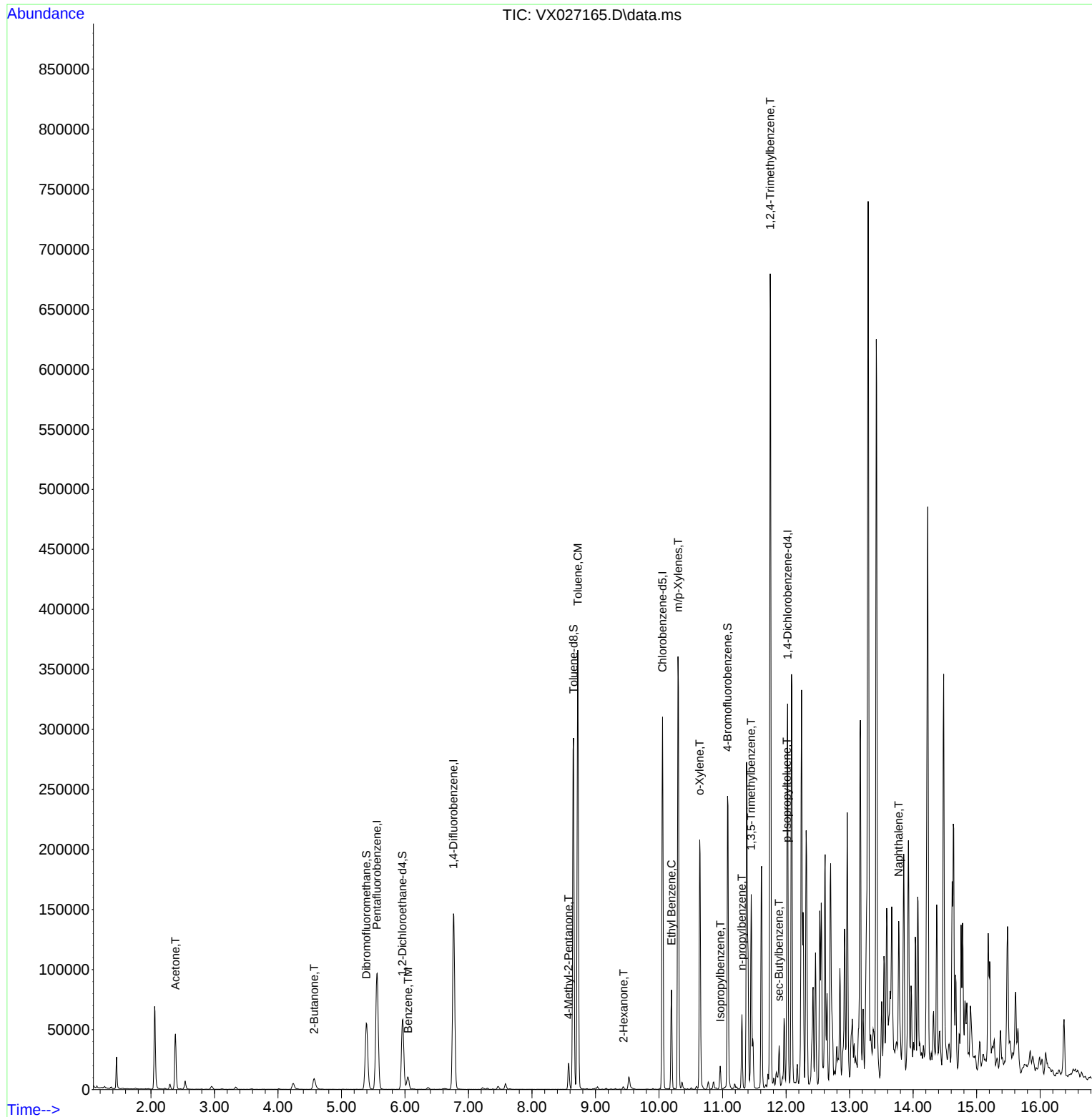
Internal Standards						
1) Pentafluorobenzene	5.556	168	95020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	156215	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56681	49.668	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.340%			
35) Dibromofluoromethane	5.391	113	49354	50.899	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.800%			
50) Toluene-d8	8.653	98	179419	49.486	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.980%			
62) 4-Bromofluorobenzene	11.079	95	67227	48.305	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.620%			
Target Compounds					Qvalue	
16) Acetone	2.386	43	48656	97.108	ug/l	95
25) 2-Butanone	4.568	43	10895	13.654	ug/l	100
40) Benzene	6.050	78	12735	3.077	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	13262	8.537	ug/l	98
52) Toluene	8.720	92	136516	51.517	ug/l	99
59) 2-Hexanone	9.439	43	1384	1.166	ug/l	96
67) Ethyl Benzene	10.195	91	47216	9.468	ug/l	99
68) m/p-Xylenes	10.299	106	85146	44.414	ug/l	97
69) o-Xylene	10.640	106	45031	23.404	ug/l	97
73) Isopropylbenzene	10.963	105	9843	2.097	ug/l	98
78) n-propylbenzene	11.305	91	35840	6.718	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	68325	17.312	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	305771	77.888	ug/l	97
85) sec-Butylbenzene	11.890	105	15006	3.118	ug/l	84
86) p-Isopropyltoluene	12.012	119	11686	2.849	ug/l	99
95) Naphthalene	13.774	128	73640	15.977	ug/l	97

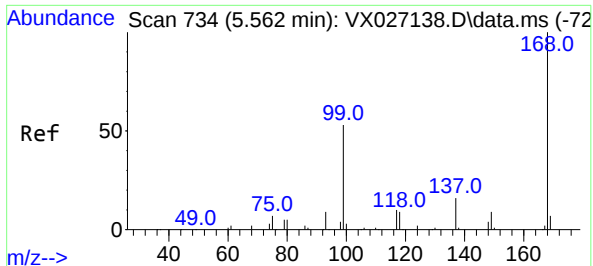
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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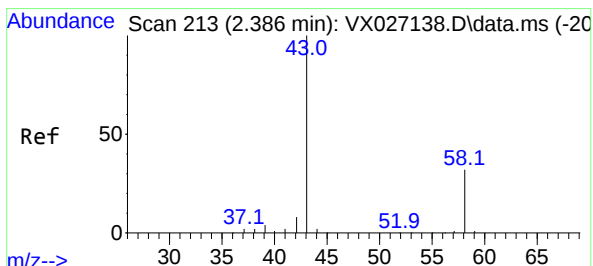
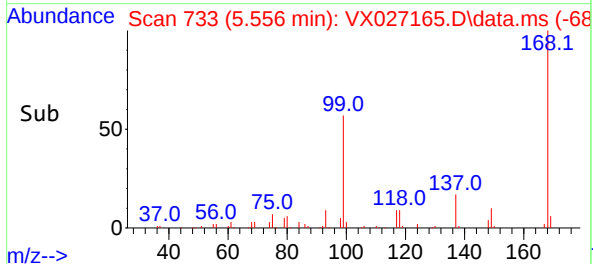
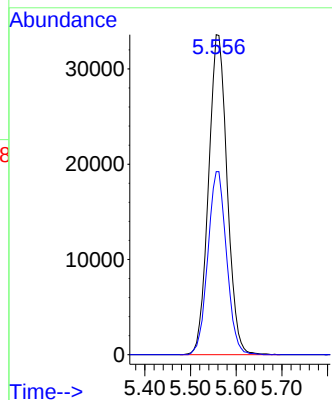
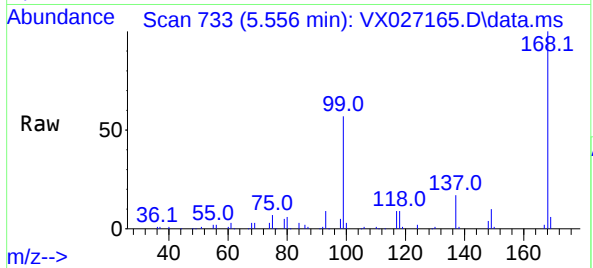




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027165.D
Acq: 24 Feb 2022 13:12

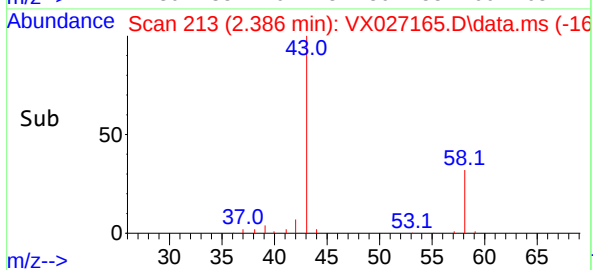
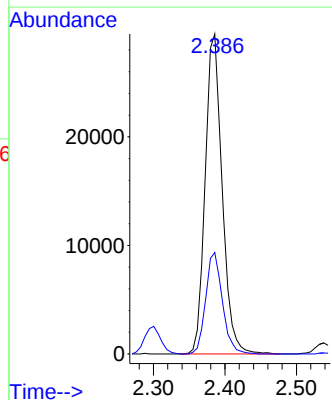
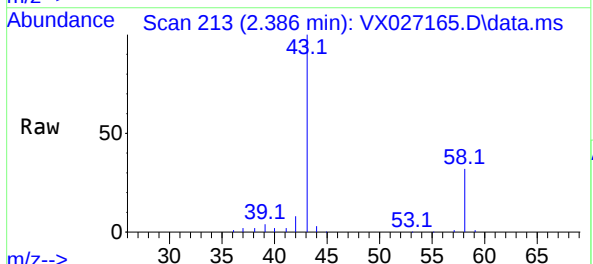
Instrument :
MSVOA_X
ClientSampleId :
31382

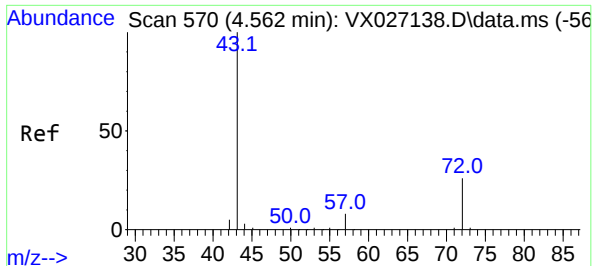
Tgt Ion:168 Resp: 95020
Ion Ratio Lower Upper
168 100
99 57.2 50.3 75.5



#16
Acetone
Concen: 97.108 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX027165.D
Acq: 24 Feb 2022 13:12

Tgt Ion: 43 Resp: 48656
Ion Ratio Lower Upper
43 100
58 31.7 23.0 34.6





#25

2-Butanone

Concen: 13.654 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX027165.D

Acq: 24 Feb 2022 13:12

Instrument :

MSVOA_X

ClientSampleId :

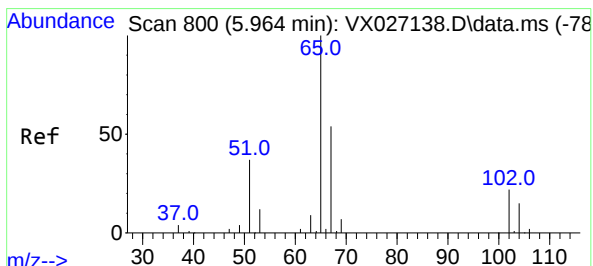
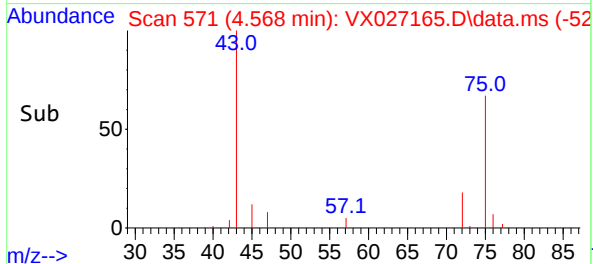
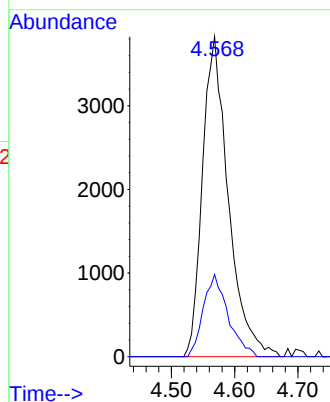
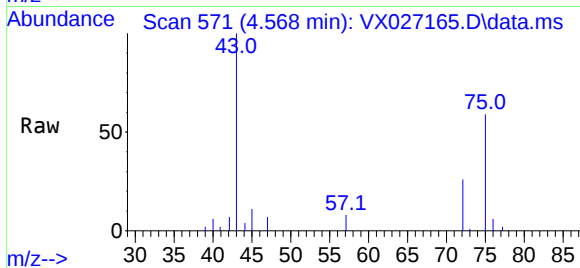
31382

Tgt Ion: 43 Resp: 10895

Ion Ratio Lower Upper

43 100

72 25.6 20.4 30.6



#33

1,2-Dichloroethane-d4

Concen: 49.668 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027165.D

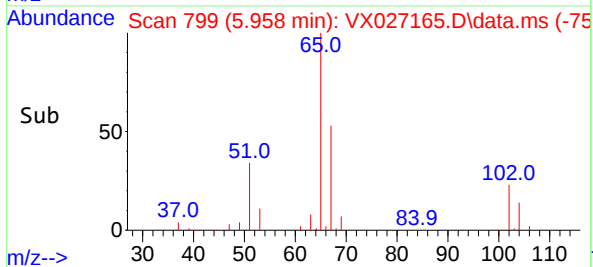
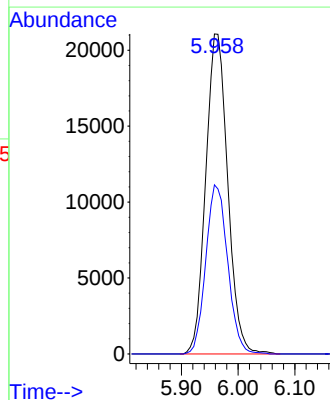
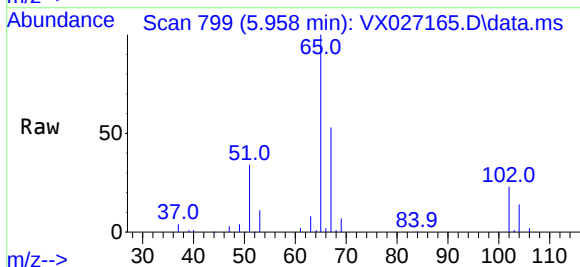
Acq: 24 Feb 2022 13:12

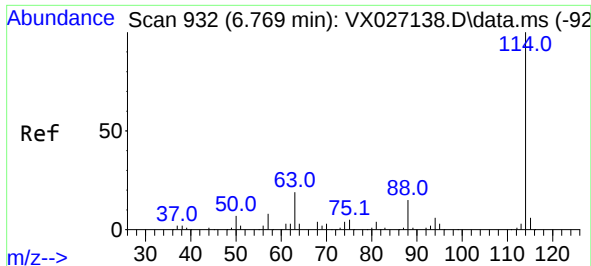
Tgt Ion: 65 Resp: 56681

Ion Ratio Lower Upper

65 100

67 52.6 0.0 100.8

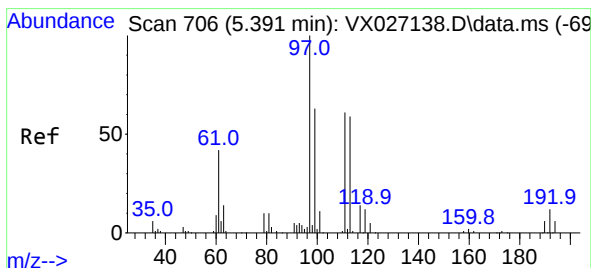
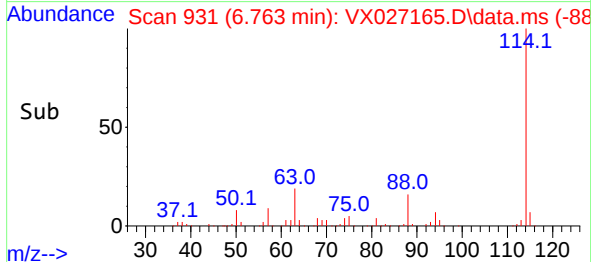
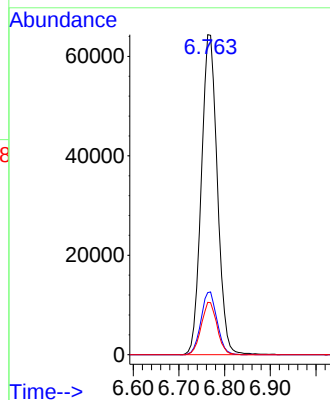
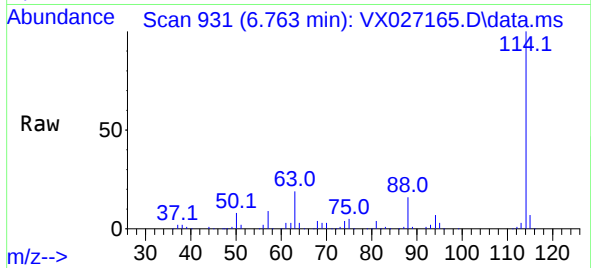




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX027165.D
Acq: 24 Feb 2022 13:12

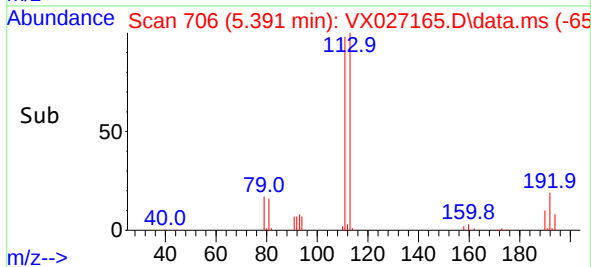
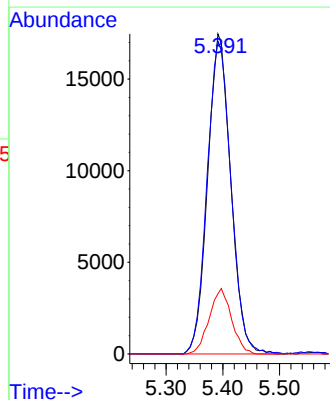
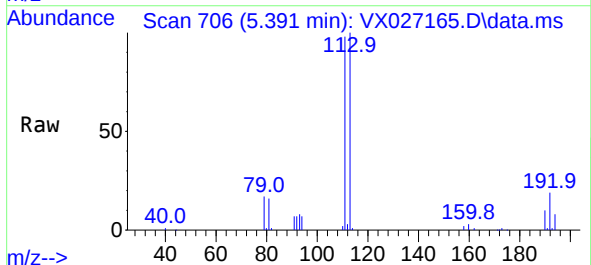
Instrument :
MSVOA_X
ClientSampleId :
31382

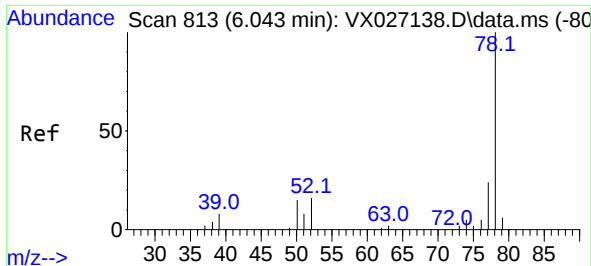
Tgt Ion:114 Resp: 156215
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.8
88 16.3 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.899 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027165.D
Acq: 24 Feb 2022 13:12

Tgt Ion:113 Resp: 49354
Ion Ratio Lower Upper
113 100
111 101.3 81.2 121.8
192 19.8 15.0 22.4

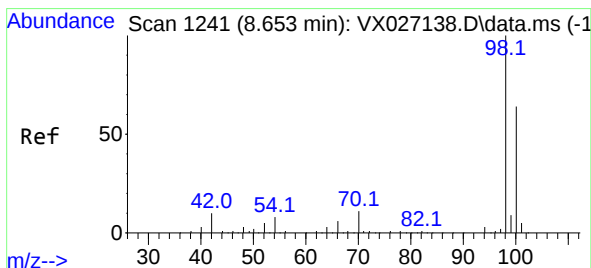
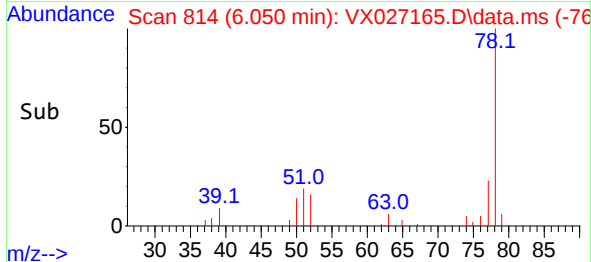
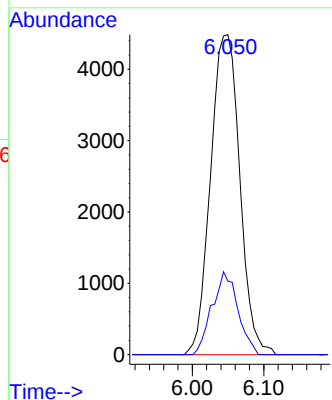
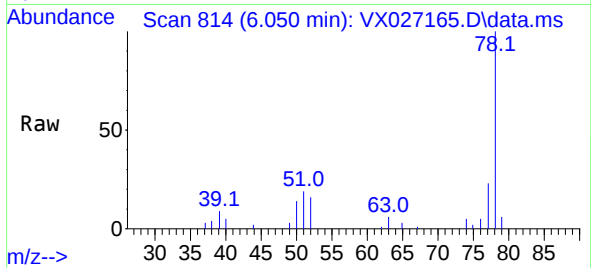




#40
Benzene
Concen: 3.077 ug/l
RT: 6.050 min Scan# 813
Delta R.T. 0.007 min
Lab File: VX027165.D
Acq: 24 Feb 2022 13:12

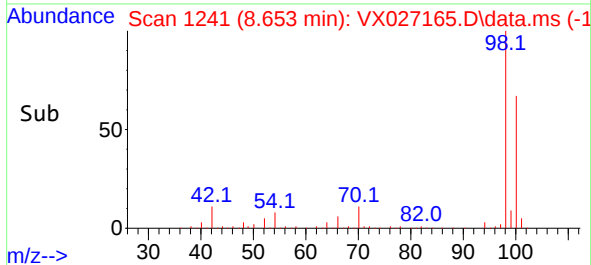
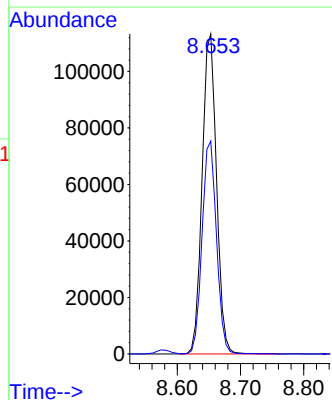
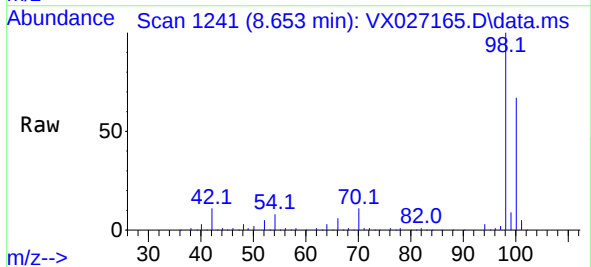
Instrument :
MSVOA_X
ClientSampleId :
31382

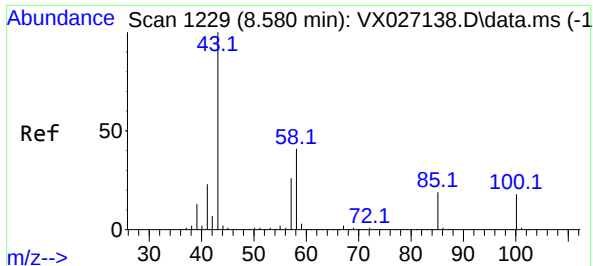
Tgt Ion: 78 Resp: 12735
Ion Ratio Lower Upper
78 100
77 23.0 18.9 28.3



#50
Toluene-d8
Concen: 49.486 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027165.D
Acq: 24 Feb 2022 13:12

Tgt Ion: 98 Resp: 179419
Ion Ratio Lower Upper
98 100
100 66.6 53.2 79.8

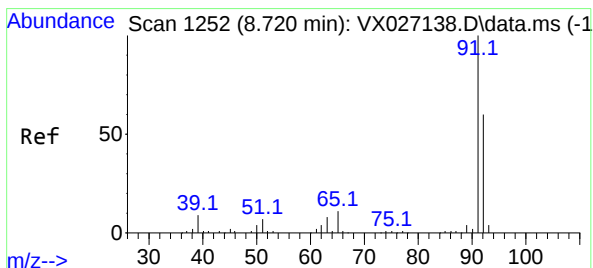
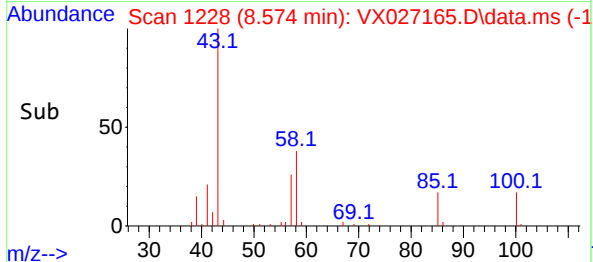
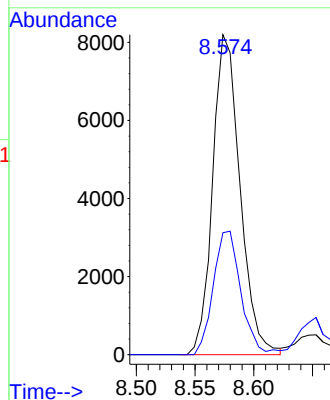
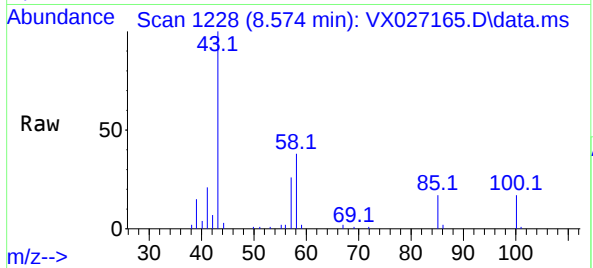




#51
4-Methyl-2-Pentanone
Concen: 8.537 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX027165.D
Acq: 24 Feb 2022 13:12

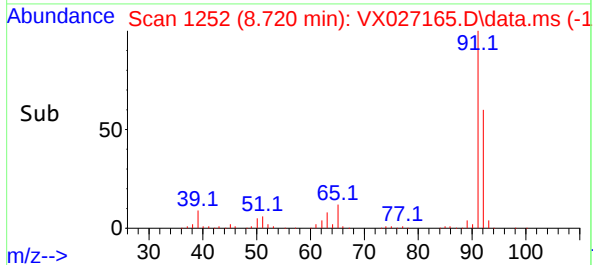
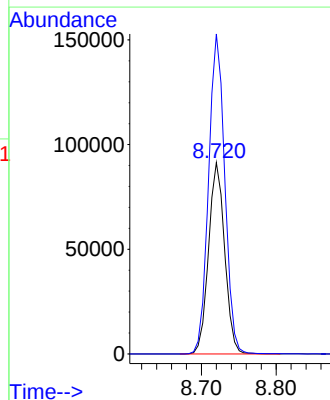
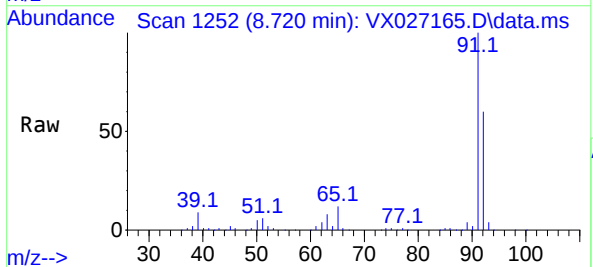
Instrument :
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ClientSampleId :
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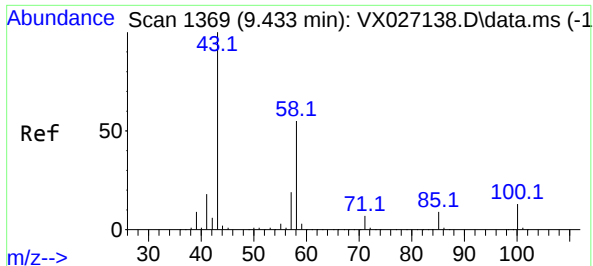
Tgt Ion: 43 Resp: 13262
Ion Ratio Lower Upper
43 100
58 39.1 30.5 45.7



#52
Toluene
Concen: 51.517 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX027165.D
Acq: 24 Feb 2022 13:12

Tgt Ion: 92 Resp: 136516
Ion Ratio Lower Upper
92 100
91 168.4 135.7 203.5





#59

2-Hexanone

Concen: 1.166 ug/l

RT: 9.439 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX027165.D

Acq: 24 Feb 2022 13:12

Instrument :

MSVOA_X

ClientSampleId :

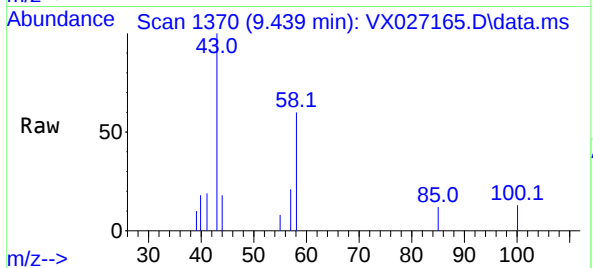
31382

Tgt Ion: 43 Resp: 1384

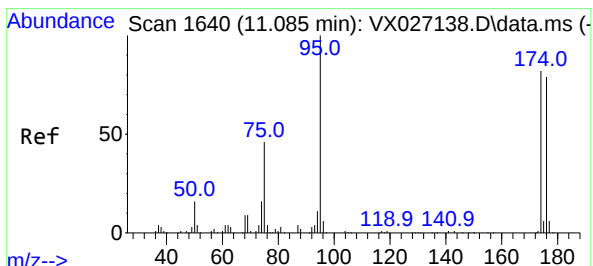
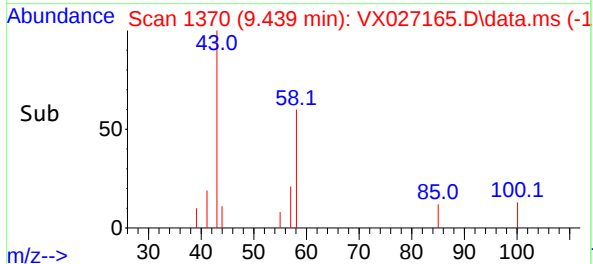
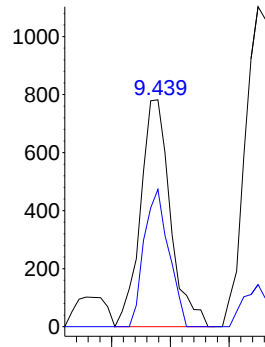
Ion Ratio Lower Upper

43 100

58 49.9 26.4 79.2



Abundance



#62

4-Bromofluorobenzene

Concen: 48.305 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX027165.D

Acq: 24 Feb 2022 13:12

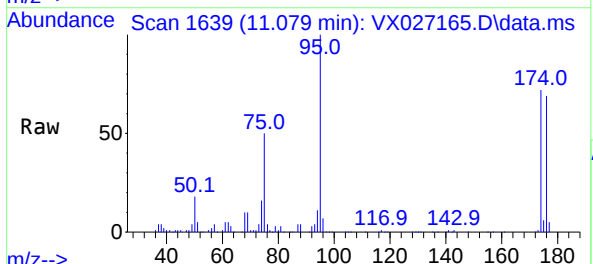
Tgt Ion: 95 Resp: 67227

Ion Ratio Lower Upper

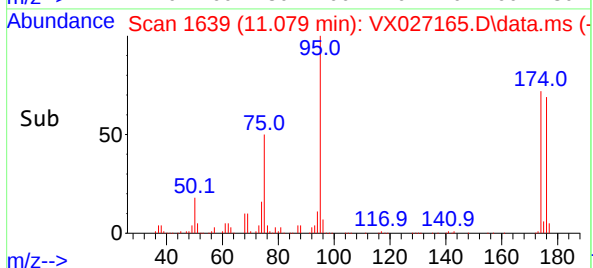
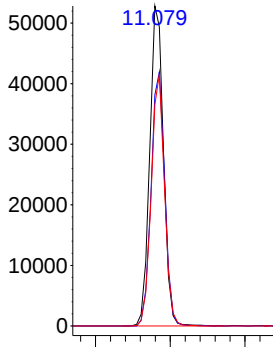
95 100

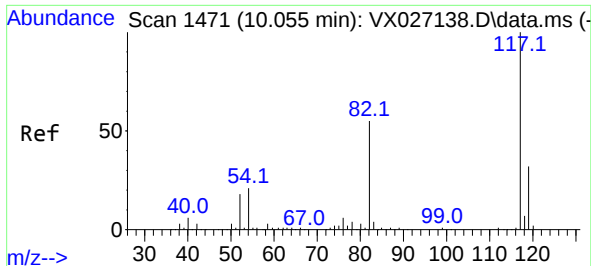
174 79.0 0.0 148.6

176 76.0 0.0 141.4



Abundance

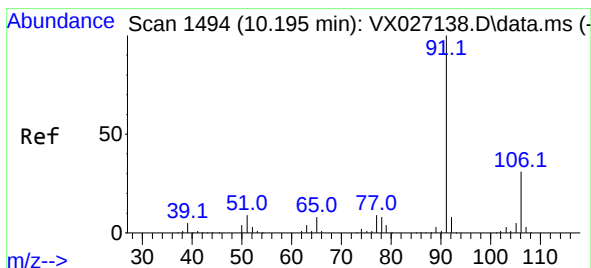
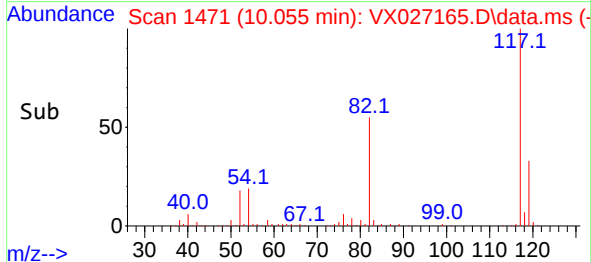
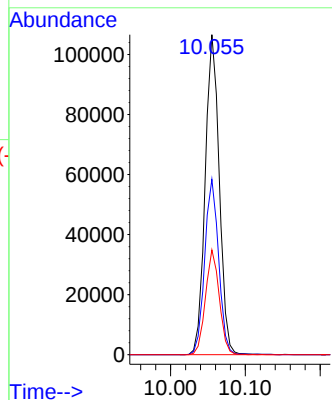
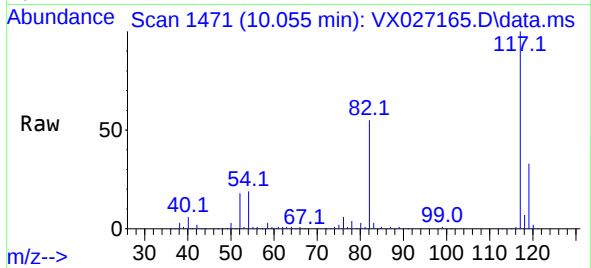




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027165.D
Acq: 24 Feb 2022 13:12

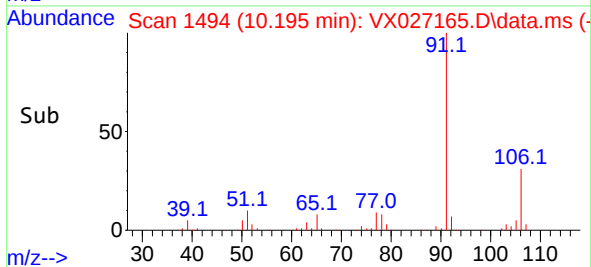
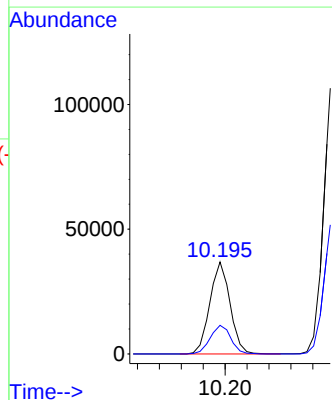
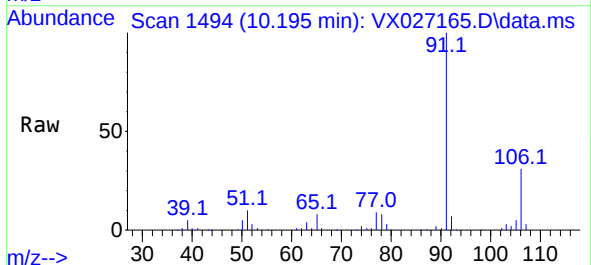
Instrument :
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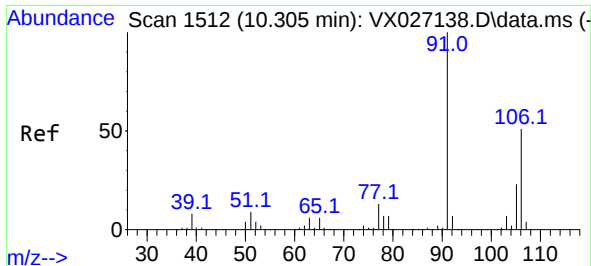
Tgt Ion:117 Resp: 139352
Ion Ratio Lower Upper
117 100
82 54.8 45.2 67.8
119 32.7 26.2 39.2



#67
Ethyl Benzene
Concen: 9.468 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027165.D
Acq: 24 Feb 2022 13:12

Tgt Ion: 91 Resp: 47216
Ion Ratio Lower Upper
91 100
106 31.2 24.7 37.1

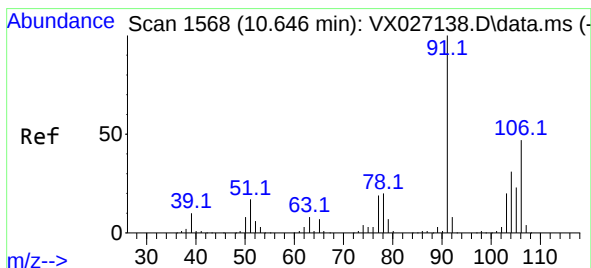
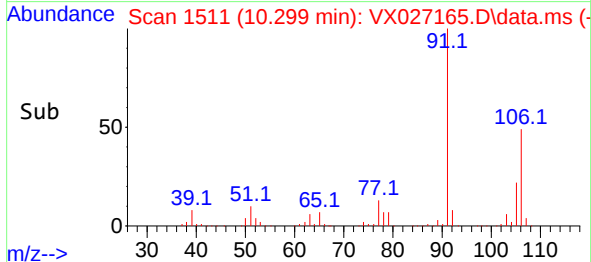
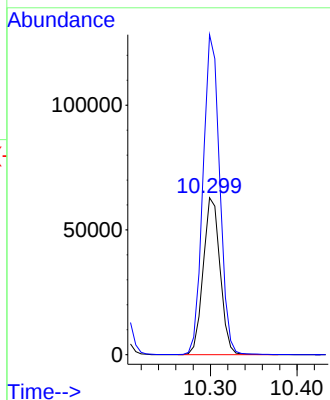
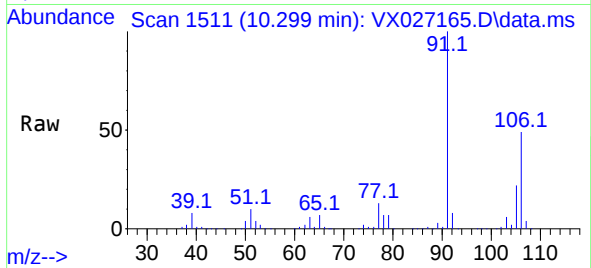




#68
m/p-Xylenes
Concen: 44.414 ug/l
RT: 10.299 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX027165.D
Acq: 24 Feb 2022 13:12

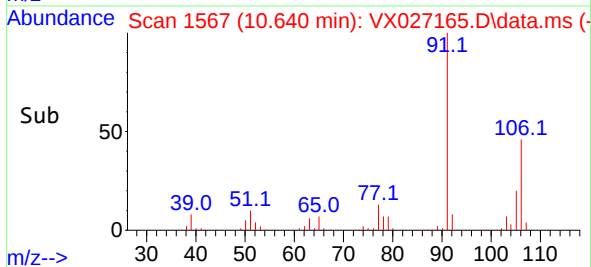
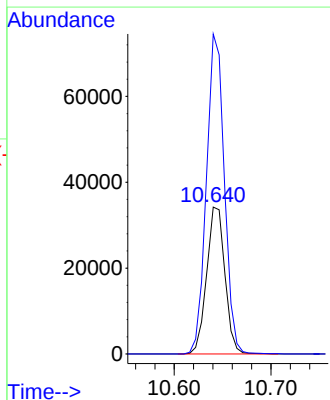
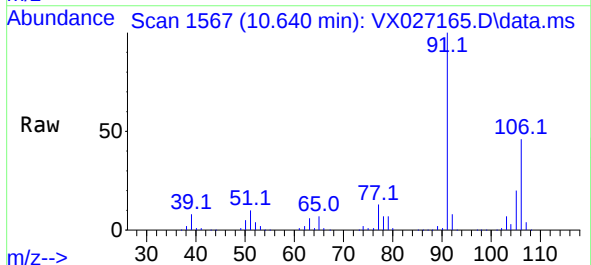
Instrument :
MSVOA_X
ClientSampleId :
31382

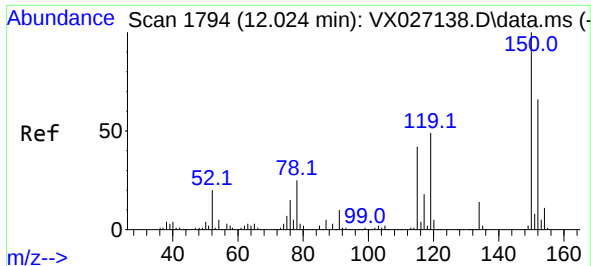
Tgt Ion:106 Resp: 85146
Ion Ratio Lower Upper
106 100
91 202.1 165.3 247.9



#69
o-Xylene
Concen: 23.404 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX027165.D
Acq: 24 Feb 2022 13:12

Tgt Ion:106 Resp: 45031
Ion Ratio Lower Upper
106 100
91 213.9 109.7 329.0

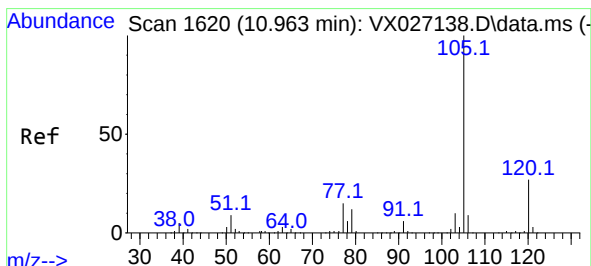
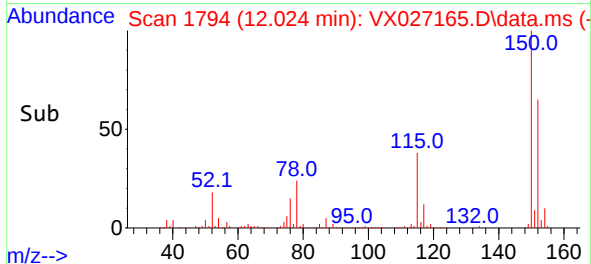
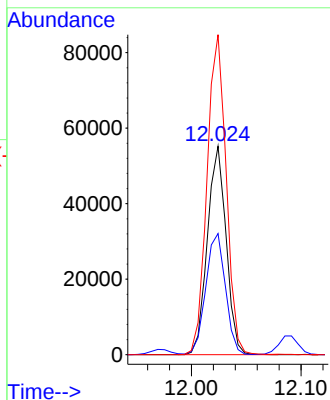
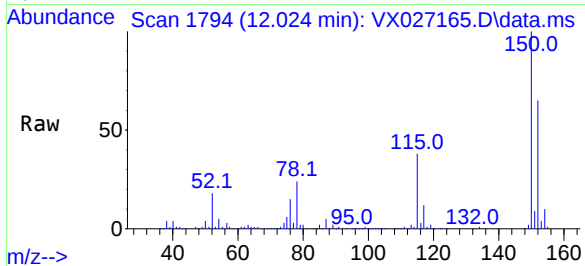




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027165.D
Acq: 24 Feb 2022 13:12

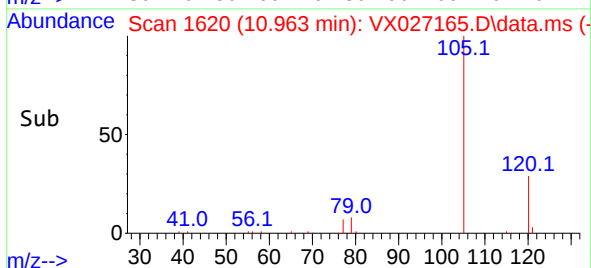
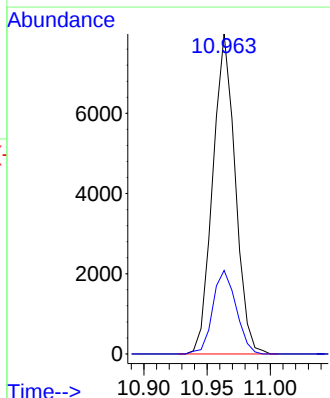
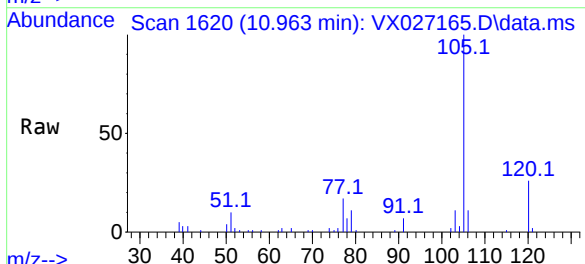
Instrument :
MSVOA_X
ClientSampleId :
31382

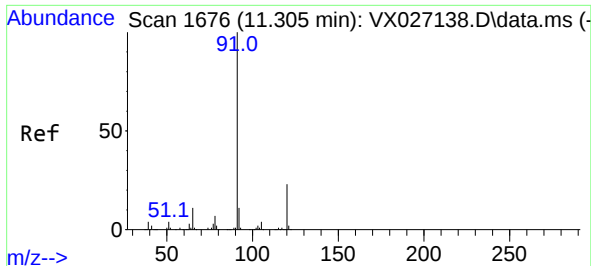
Tgt Ion:152 Resp: 65594
Ion Ratio Lower Upper
152 100
115 61.1 44.2 132.6
150 156.9 0.0 348.2



#73
Isopropylbenzene
Concen: 2.097 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027165.D
Acq: 24 Feb 2022 13:12

Tgt Ion:105 Resp: 9843
Ion Ratio Lower Upper
105 100
120 27.0 13.1 39.1

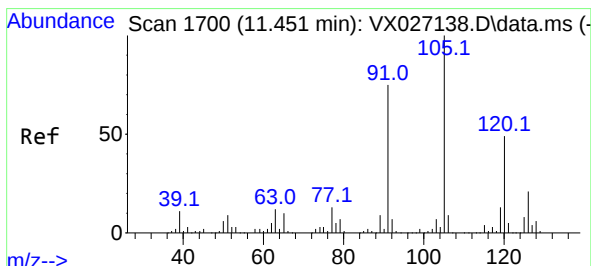
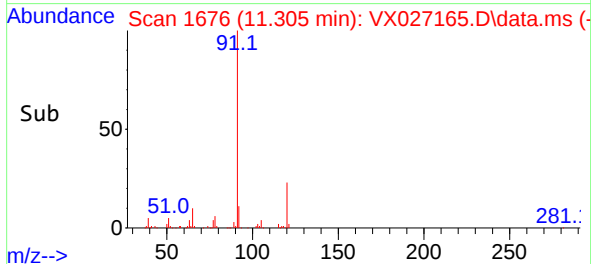
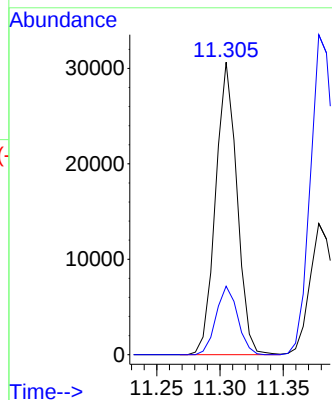
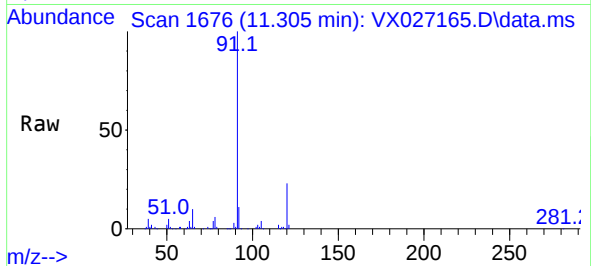




#78
n-propylbenzene
Concen: 6.718 ug/l
RT: 11.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027165.D
Acq: 24 Feb 2022 13:12

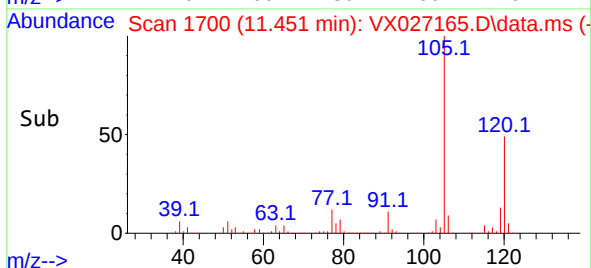
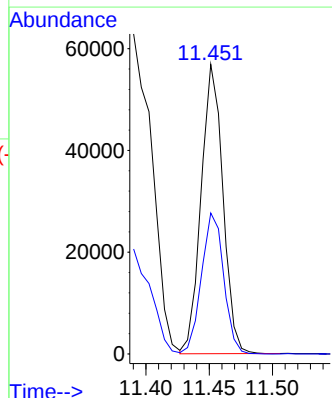
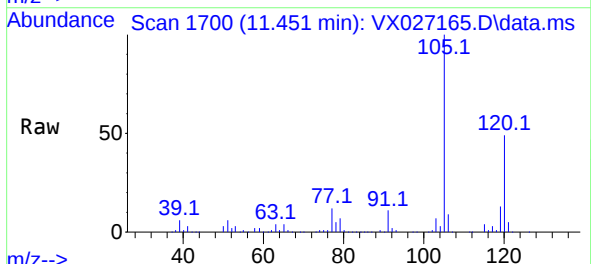
Instrument :
MSVOA_X
ClientSampleId :
31382

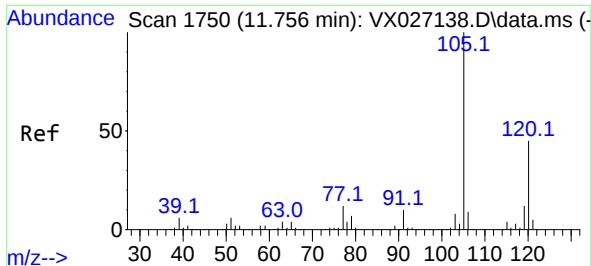
Tgt Ion: 91 Resp: 35840
Ion Ratio Lower Upper
91 100
120 23.7 11.6 34.7



#80
1,3,5-Trimethylbenzene
Concen: 17.312 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027165.D
Acq: 24 Feb 2022 13:12

Tgt Ion: 105 Resp: 68325
Ion Ratio Lower Upper
105 100
120 49.7 24.0 72.0

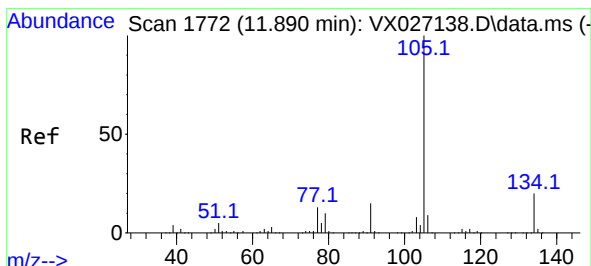
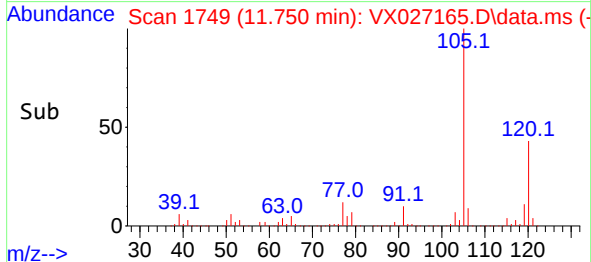
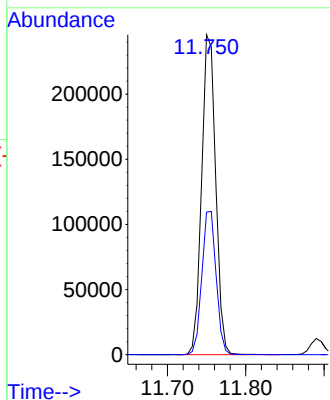
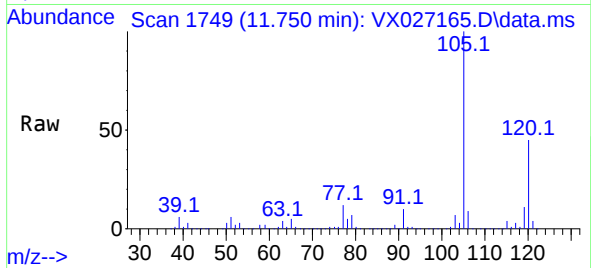




#84
1,2,4-Trimethylbenzene
Concen: 77.888 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX027165.D
Acq: 24 Feb 2022 13:12

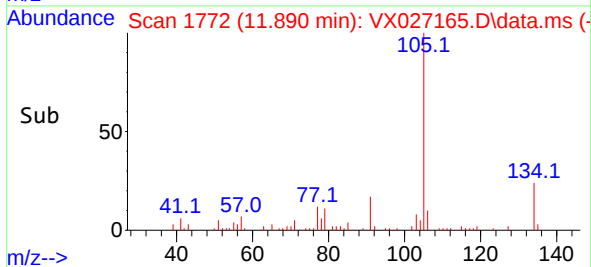
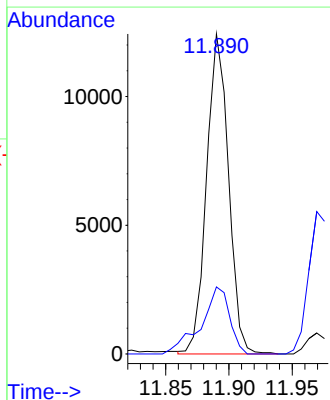
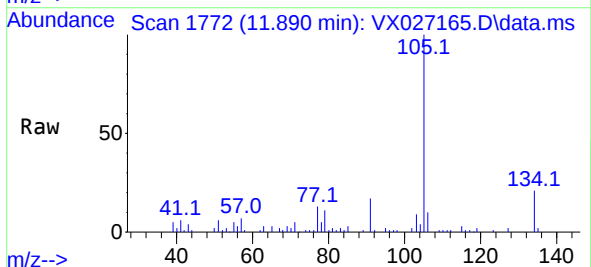
Instrument :
MSVOA_X
ClientSampleId :
31382

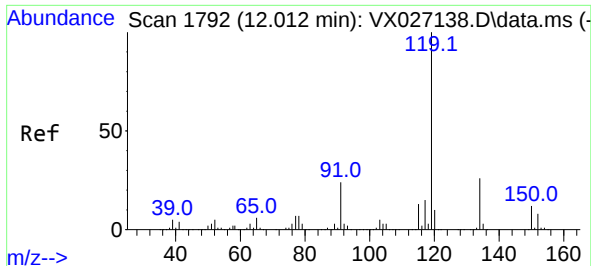
Tgt Ion:105 Resp: 305771
Ion Ratio Lower Upper
105 100
120 45.5 21.9 65.5



#85
sec-Butylbenzene
Concen: 3.118 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX027165.D
Acq: 24 Feb 2022 13:12

Tgt Ion:105 Resp: 15006
Ion Ratio Lower Upper
105 100
134 27.3 10.1 30.1

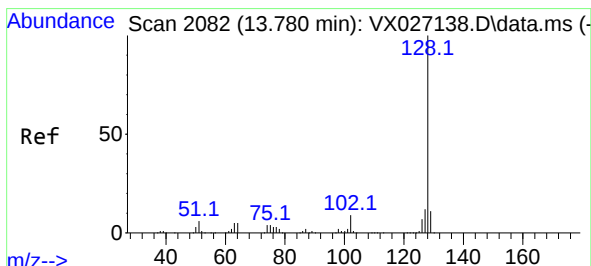
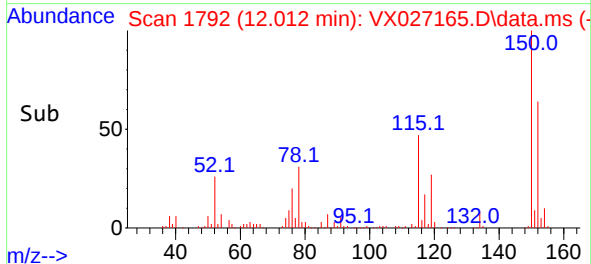
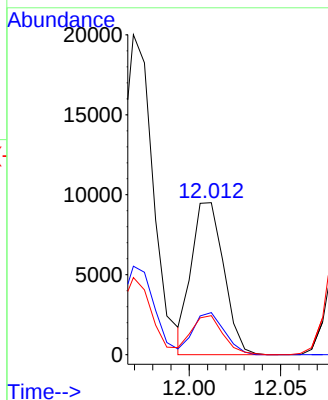
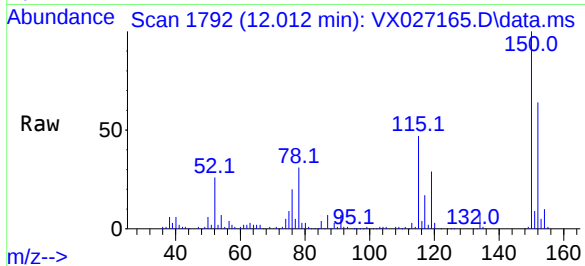




#86
p-Isopropyltoluene
Concen: 2.849 ug/l
RT: 12.012 min Scan# 111
Delta R.T. 0.000 min
Lab File: VX027165.D
Acq: 24 Feb 2022 13:12

Instrument :
MSVOA_X
ClientSampleId :
31382

Tgt Ion:119 Resp: 11686
Ion Ratio Lower Upper
119 100
134 27.0 13.0 39.0
91 25.1 12.6 37.6



#95
Naphthalene
Concen: 15.977 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX027165.D
Acq: 24 Feb 2022 13:12

Tgt Ion:128 Resp: 73640
Ion Ratio Lower Upper
128 100
127 13.9 10.3 15.5
129 12.4 8.7 13.1

