

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110724\
 Data File : VX043746.D
 Acq On : 07 Nov 2024 18:58
 Operator : JC/MD
 Sample : P4739-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-B2

Quant Time: Nov 08 04:13:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

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

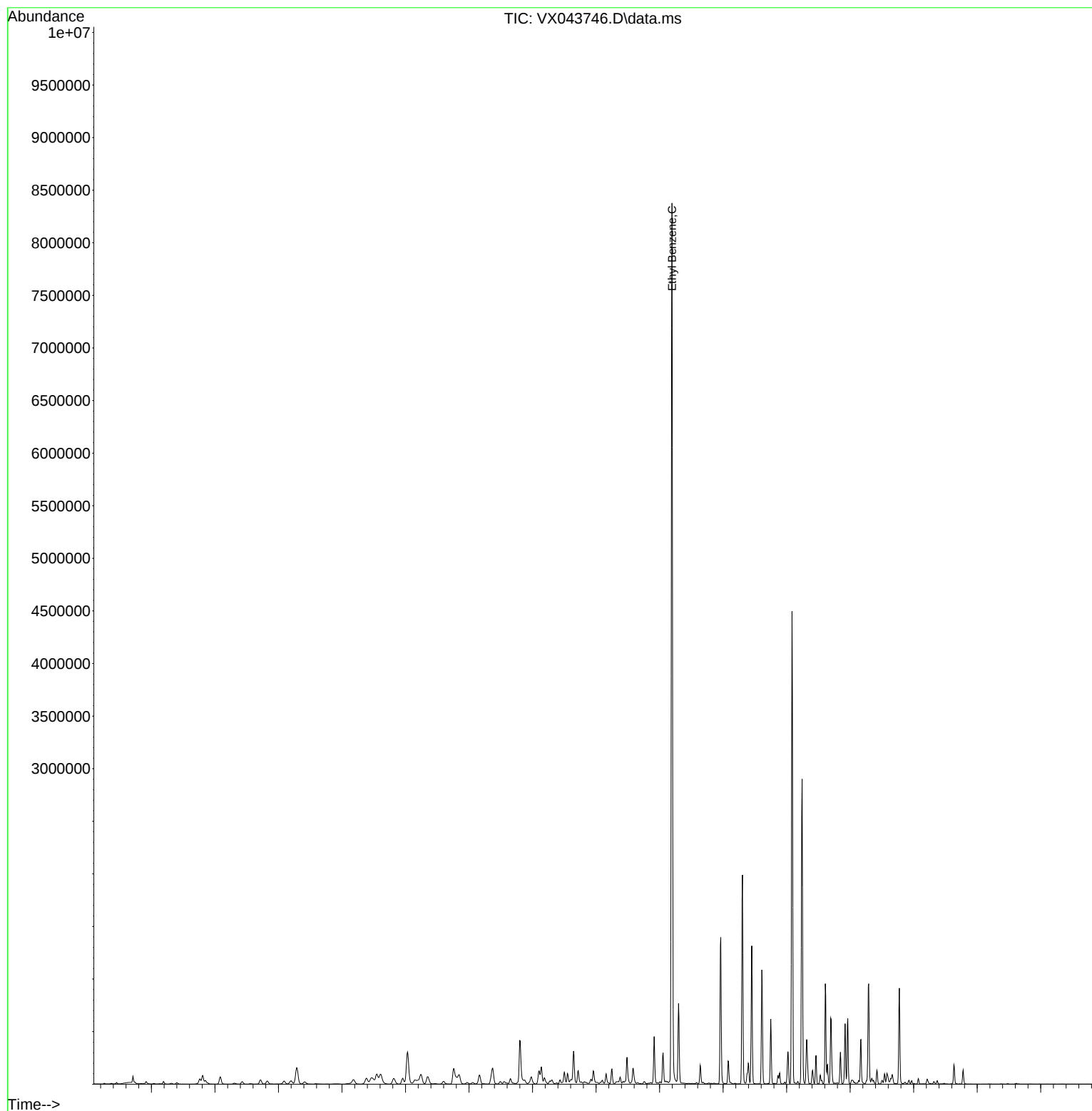
Internal Standards						
1) Pentafluorobenzene	5.550	168	90311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	161445	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	142058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	52028	36.130	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	72.260%#		
35) Dibromofluoromethane	5.385	113	46927	42.865	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	85.740%		
50) Toluene-d8	8.647	98	185108	48.846	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.700%		
62) 4-Bromofluorobenzene	11.079	95	63543	45.250	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	90.500%		
Target Compounds					Qvalue	
16) Acetone	2.398	43	17296	30.246	ug/l	98
31) Cyclohexane	5.464	56	43716	28.753	ug/l #	95
39) Methylcyclohexane	7.373	83	68488	42.495	ug/l	97
40) Benzene	6.031	78	397718	91.839	ug/l	99
43) Isopropyl Acetate	6.348	43	49203	18.879	ug/l	98
52) Toluene	8.720	92	51459	19.593	ug/l	96
67) Ethyl Benzene	10.195	91	4991677	1001.623	ug/l	97
68) m/p-Xylenes	10.299	106	188233	98.767	ug/l	93
69) o-Xylene	10.640	106	33971	17.741	ug/l	94
73) Isopropylbenzene	10.963	105	770303	164.356	ug/l	99
78) n-propylbenzene	11.305	91	1234572	241.595	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	572139	146.411	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	263461	66.155	ug/l	95
95) Naphthalene	13.774	128	558893	108.481	ug/l	99

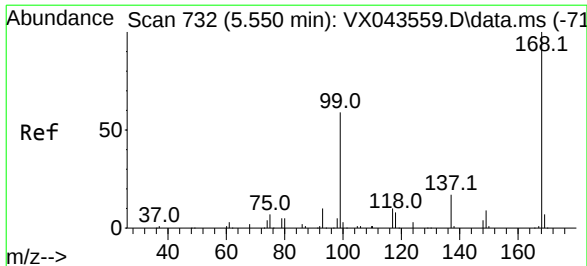
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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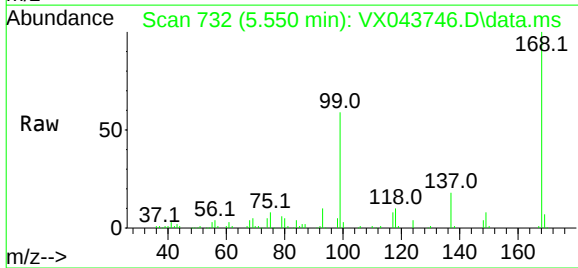
Quant Time: Nov 08 04:13:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 28 13:41:34 2024
Response via : Initial Calibration



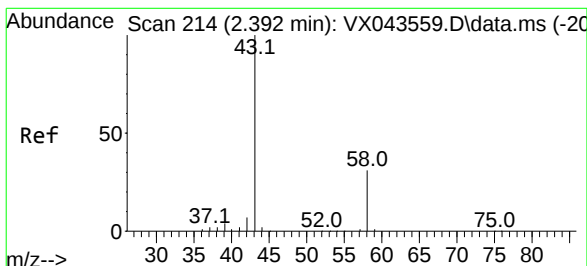
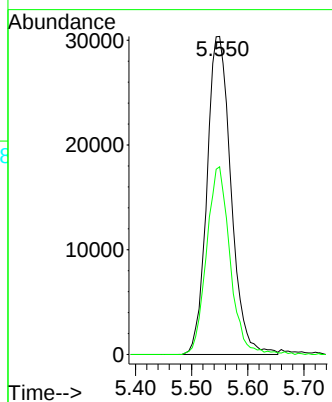
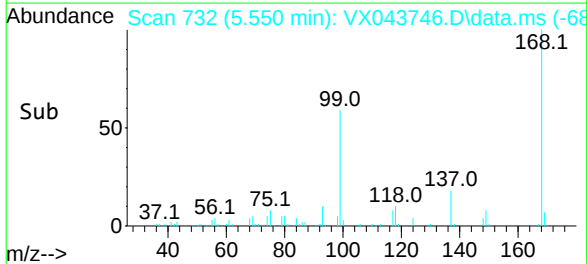


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 73
Delta R.T. -0.000 min
Lab File: VX043746.D
Acq: 07 Nov 2024 18:58

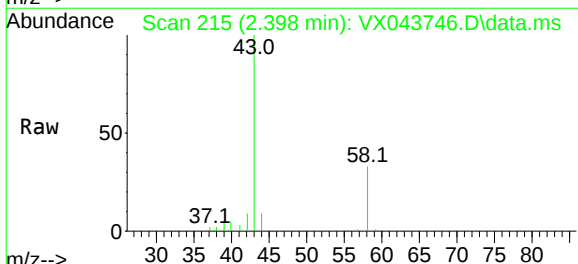
Instrument :
MSVOA_X
ClientSampleId :
BP-B2



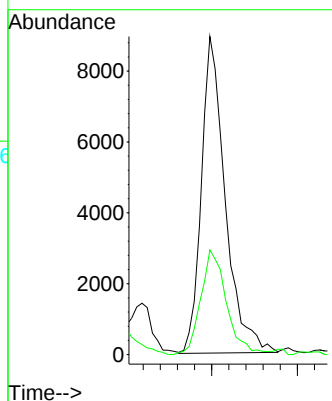
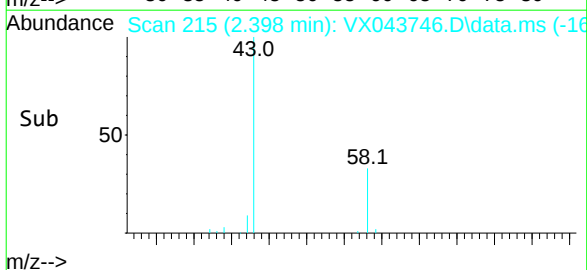
Tgt Ion:168 Resp: 90311
Ion Ratio Lower Upper
168 100
99 59.0 52.6 78.8

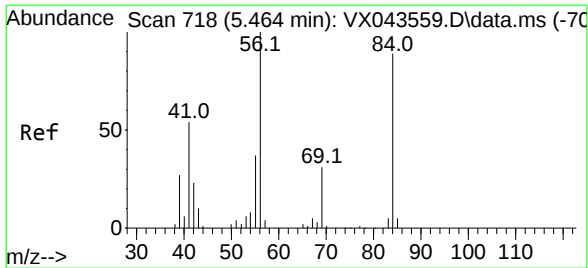


#16
Acetone
Concen: 30.246 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.000 min
Lab File: VX043746.D
Acq: 07 Nov 2024 18:58



Tgt Ion: 43 Resp: 17296
Ion Ratio Lower Upper
43 100
58 32.5 25.1 37.7





#31

Cyclohexane

Concen: 28.753 ug/l

RT: 5.464 min Scan# 718

Delta R.T. 0.006 min

Lab File: VX043746.D

Acq: 07 Nov 2024 18:58

Instrument :

MSVOA_X

ClientSampleId :

BP-B2

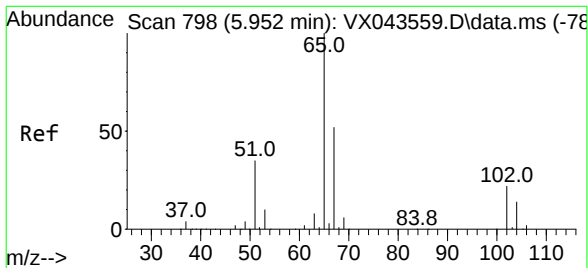
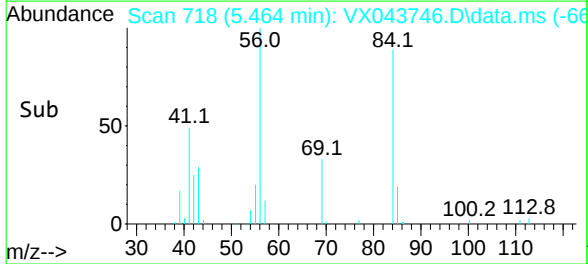
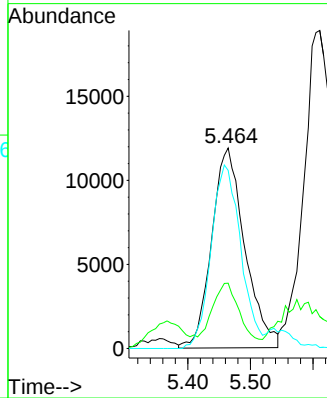
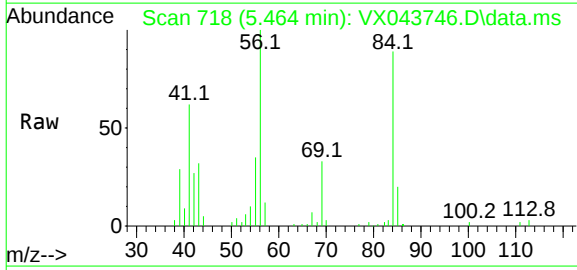
Tgt Ion: 56 Resp: 43716

Ion Ratio Lower Upper

56 100

69 21.8 24.9 37.3#

84 90.3 73.3 109.9



#33

1,2-Dichloroethane-d4

Concen: 36.130 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX043746.D

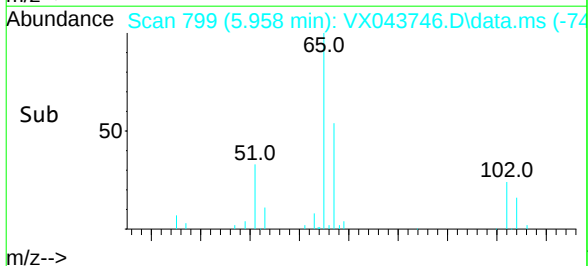
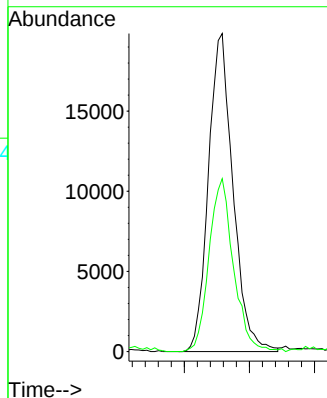
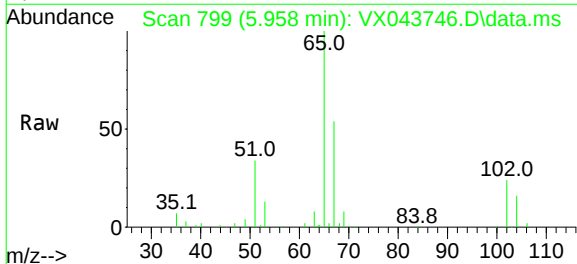
Acq: 07 Nov 2024 18:58

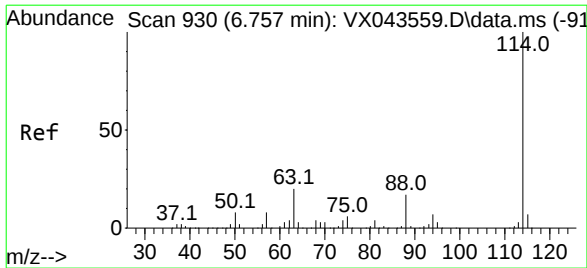
Tgt Ion: 65 Resp: 52028

Ion Ratio Lower Upper

65 100

67 54.1 0.0 103.4

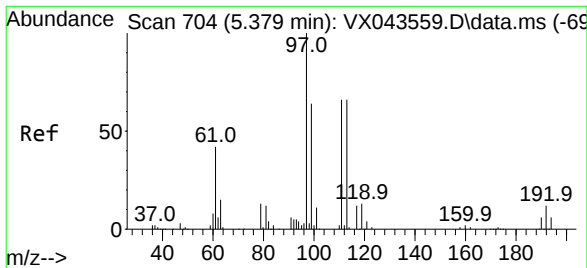
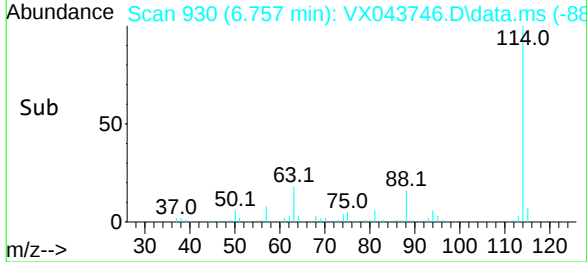
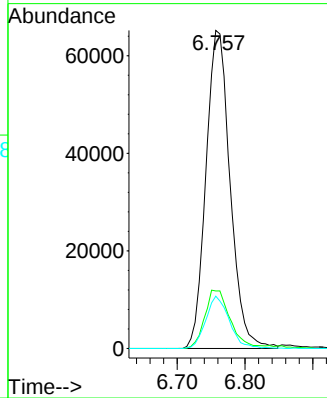
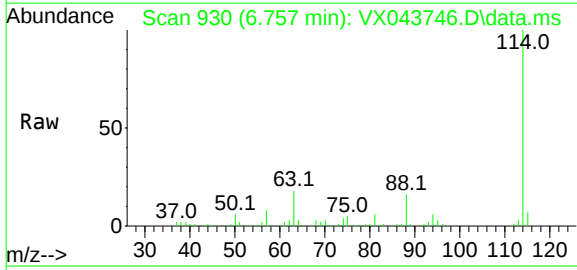




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX043746.D
Acq: 07 Nov 2024 18:58

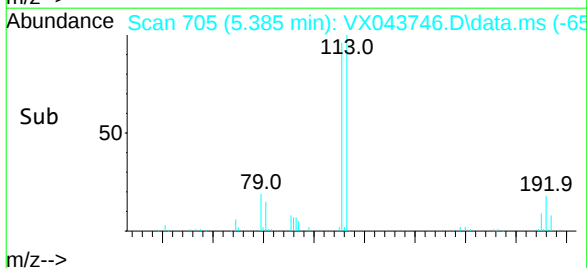
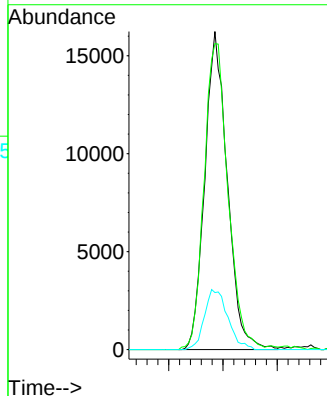
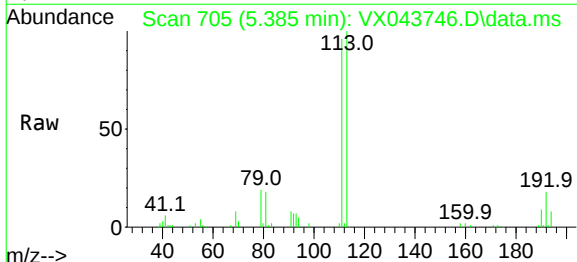
Instrument :
MSVOA_X
ClientSampleId :
BP-B2

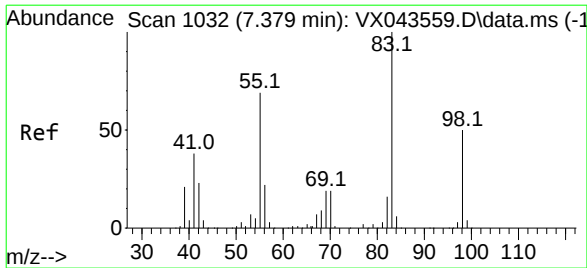
Tgt Ion:	114	Resp:	161445
Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	41.2
88	16.4	0.0	34.0



#35
Dibromofluoromethane
Concen: 42.865 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043746.D
Acq: 07 Nov 2024 18:58

Tgt Ion:	113	Resp:	46927
Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.4	122.0
192	19.5	14.1	21.1

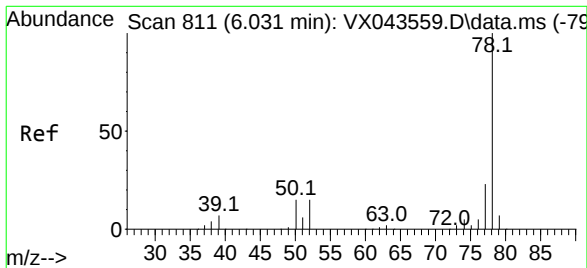
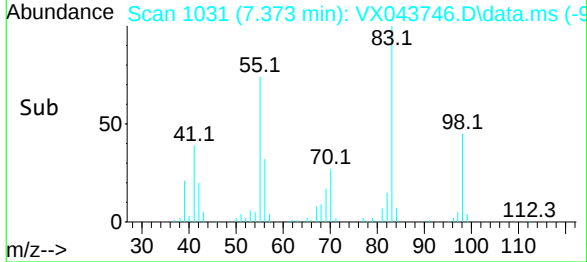
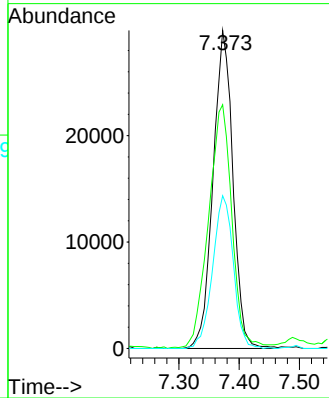
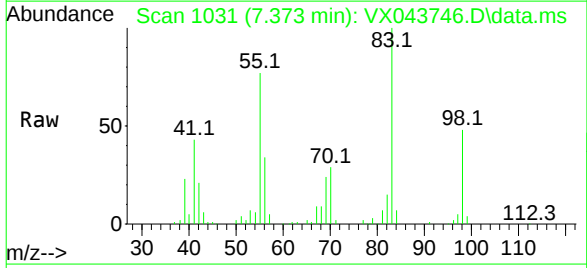




#39
Methylcyclohexane
Concen: 42.495 ug/l
RT: 7.373 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX043746.D
Acq: 07 Nov 2024 18:58

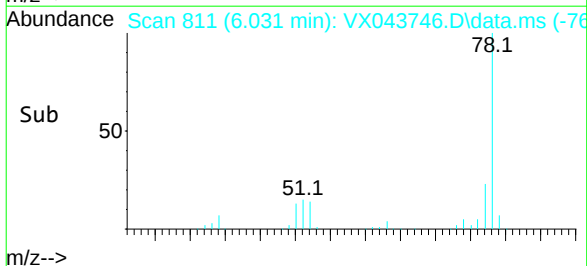
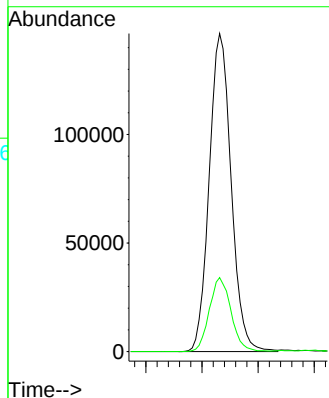
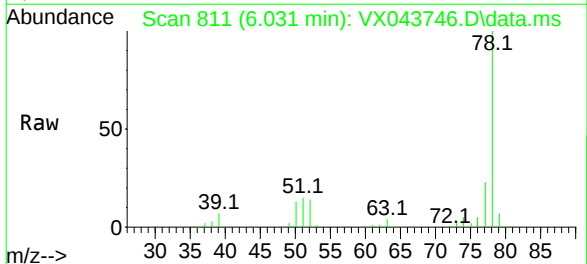
Instrument :
MSVOA_X
ClientSampleId :
BP-B2

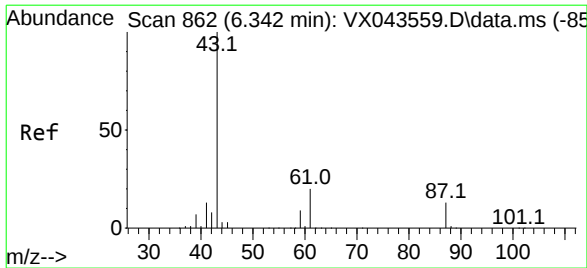
Tgt Ion:	83	Resp:	68488
Ion	Ratio	Lower	Upper
83	100		
55	76.3	59.9	89.9
98	48.0	41.3	61.9



#40
Benzene
Concen: 91.839 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX043746.D
Acq: 07 Nov 2024 18:58

Tgt Ion:	78	Resp:	397718
Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.4	27.6





#43

Isopropyl Acetate

Concen: 18.879 ug/l

RT: 6.348 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX043746.D

Acq: 07 Nov 2024 18:58

Instrument :

MSVOA_X

ClientSampleId :

BP-B2

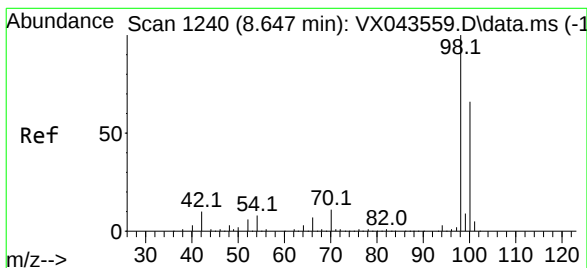
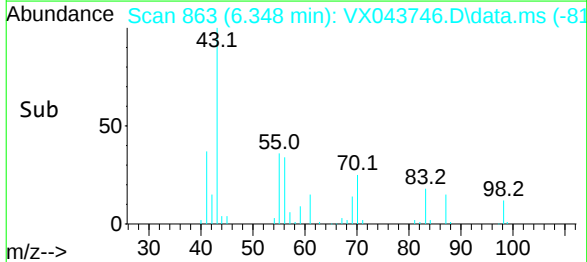
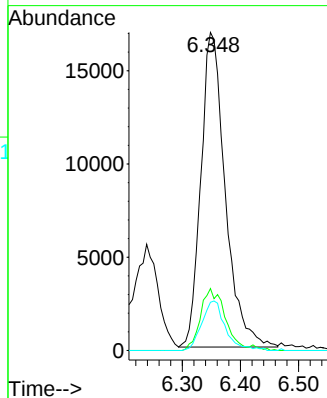
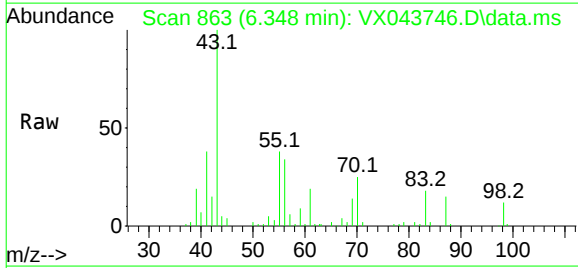
Tgt Ion: 43 Resp: 49203

Ion Ratio Lower Upper

43 100

61 19.6 16.2 24.4

87 15.2 11.0 16.6



#50

Toluene-d8

Concen: 48.846 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX043746.D

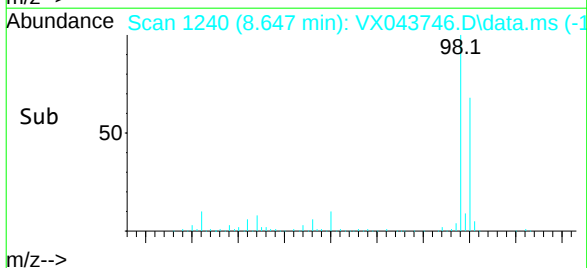
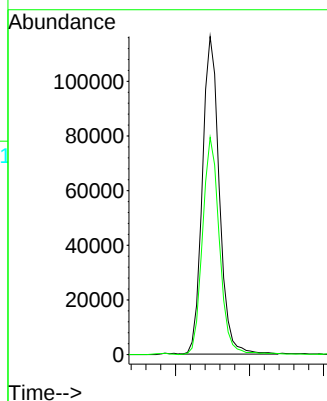
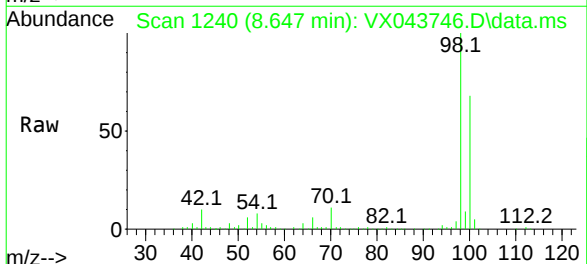
Acq: 07 Nov 2024 18:58

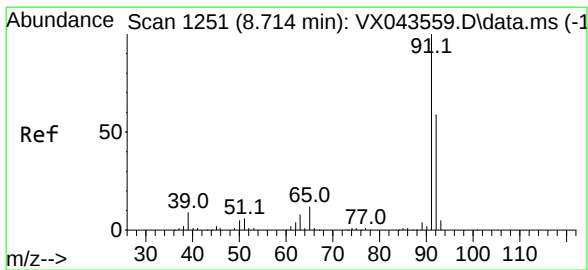
Tgt Ion: 98 Resp: 185108

Ion Ratio Lower Upper

98 100

100 68.6 53.4 80.2





#52

Toluene

Concen: 19.593 ug/l

RT: 8.720 min Scan# 12

Delta R.T. 0.006 min

Lab File: VX043746.D

Acq: 07 Nov 2024 18:58

Instrument :

MSVOA_X

ClientSampleId :

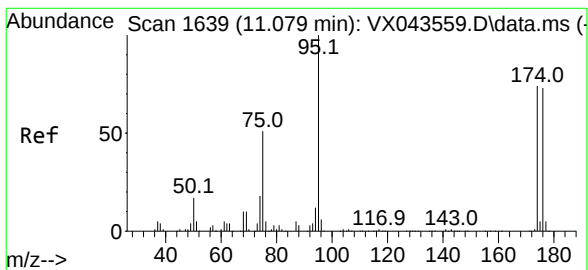
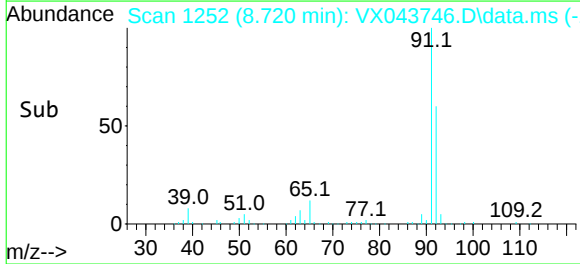
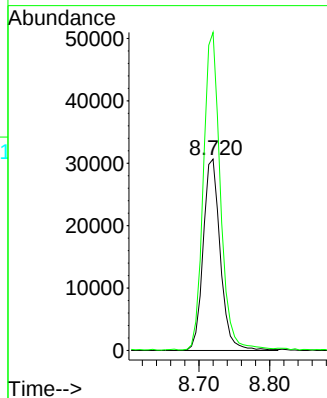
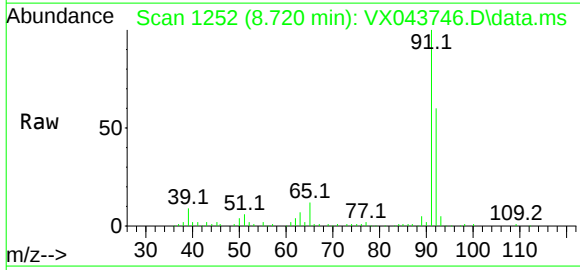
BP-B2

Tgt Ion: 92 Resp: 51459

Ion Ratio Lower Upper

92 100

91 164.2 135.7 203.5



#62

4-Bromofluorobenzene

Concen: 45.250 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX043746.D

Acq: 07 Nov 2024 18:58

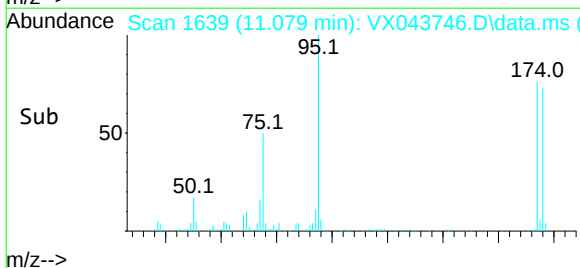
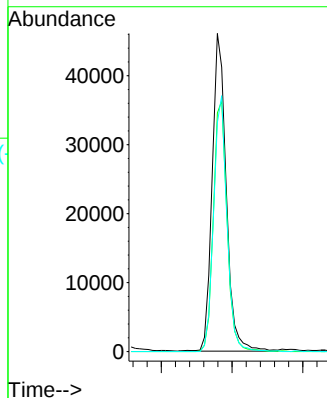
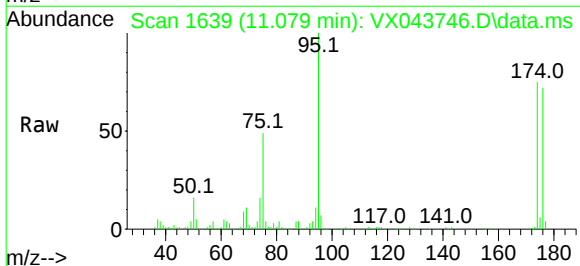
Tgt Ion: 95 Resp: 63543

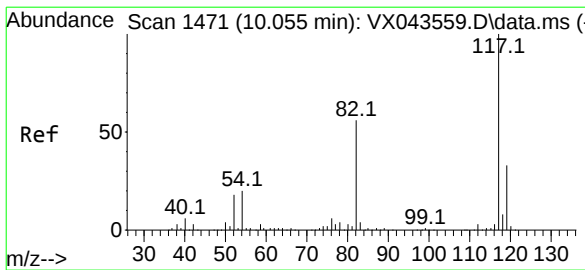
Ion Ratio Lower Upper

95 100

174 76.8 0.0 146.6

176 76.2 0.0 139.6

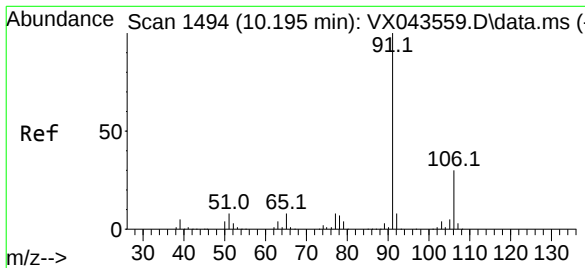
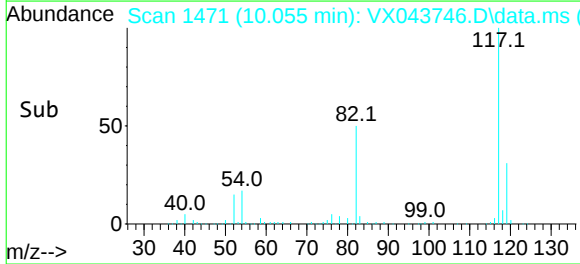
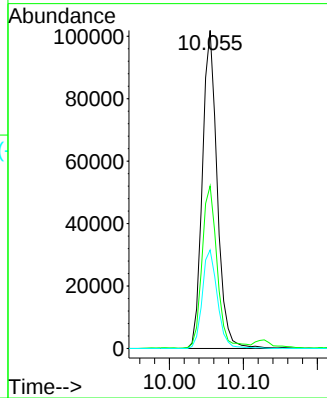
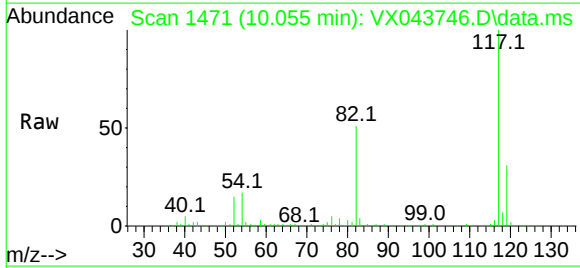




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043746.D
Acq: 07 Nov 2024 18:58

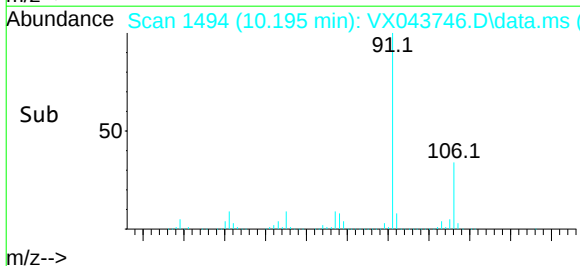
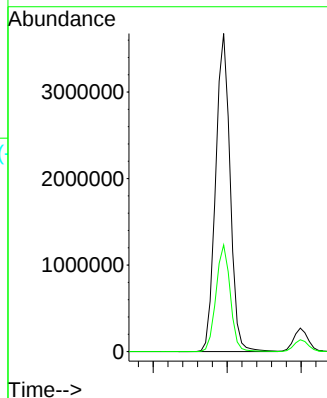
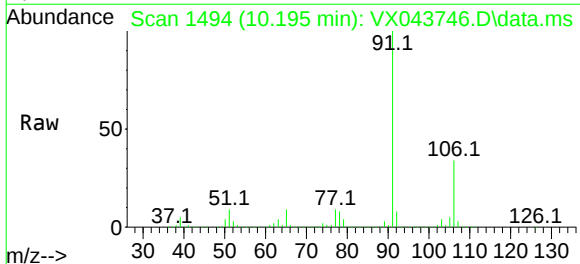
Instrument :
MSVOA_X
ClientSampleId :
BP-B2

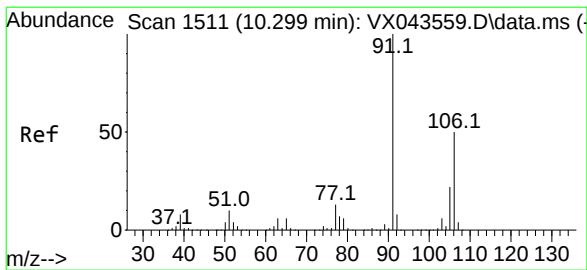
Tgt Ion: 117 Resp: 142058
Ion Ratio Lower Upper
117 100
82 51.0 42.1 63.1
119 31.0 25.4 38.2



#67
Ethyl Benzene
Concen: 1001.623 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX043746.D
Acq: 07 Nov 2024 18:58

Tgt Ion: 91 Resp: 4991677
Ion Ratio Lower Upper
91 100
106 33.5 25.4 38.2

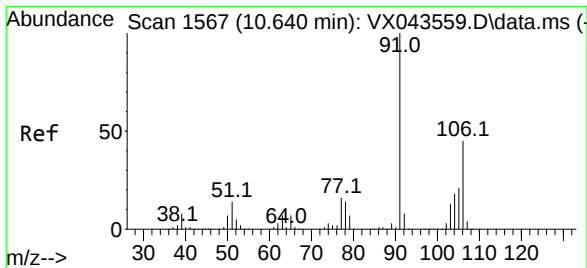
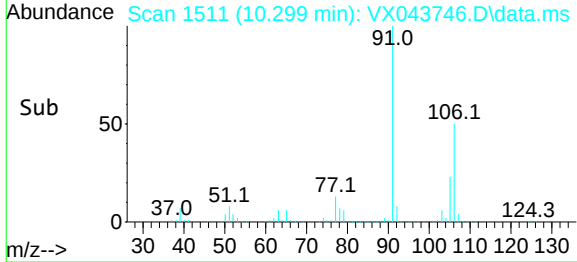
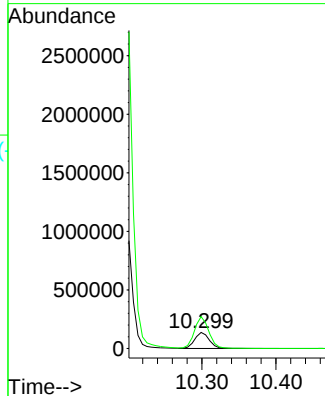
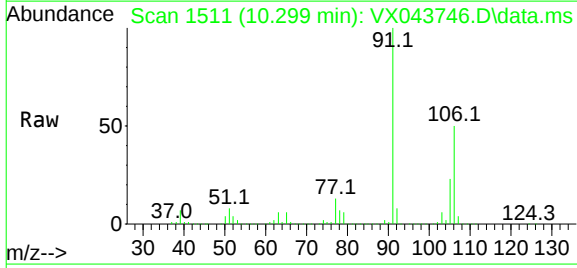




#68
m/p-Xylenes
Concen: 98.767 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX043746.D
Acq: 07 Nov 2024 18:58

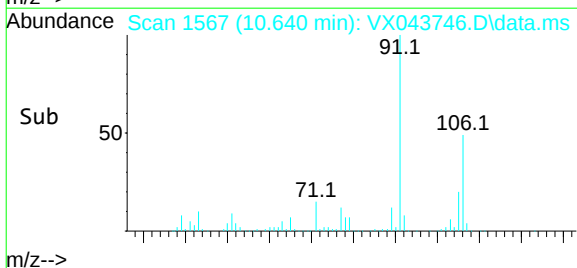
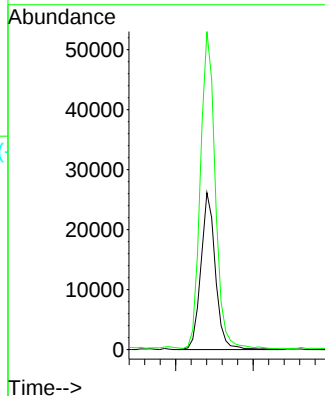
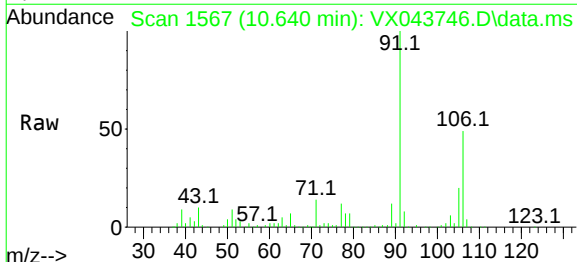
Instrument :
MSVOA_X
ClientSampleId :
BP-B2

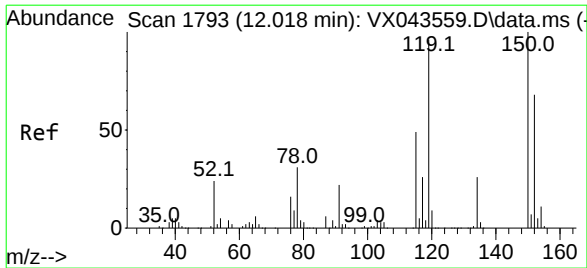
Tgt Ion:106 Resp: 188233
Ion Ratio Lower Upper
106 100
91 195.0 164.7 247.1



#69
o-Xylene
Concen: 17.741 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX043746.D
Acq: 07 Nov 2024 18:58

Tgt Ion:106 Resp: 33971
Ion Ratio Lower Upper
106 100
91 206.3 107.9 323.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 17

Delta R.T. 0.000 min

Lab File: VX043746.D

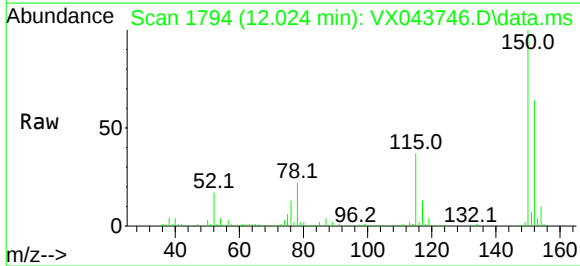
Acq: 07 Nov 2024 18:58

Instrument :

MSVOA_X

ClientSampleId :

BP-B2



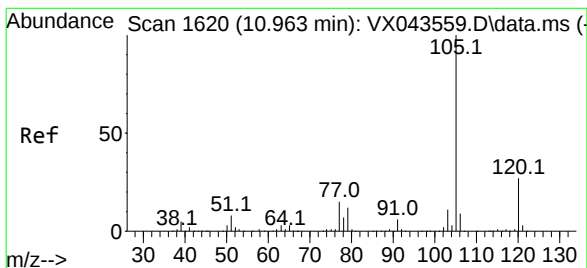
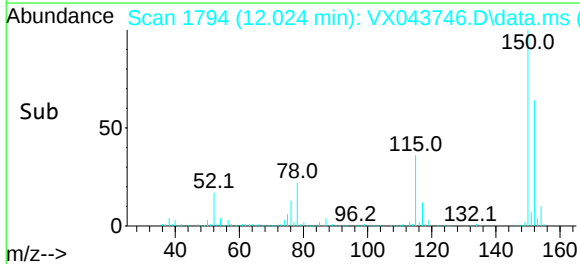
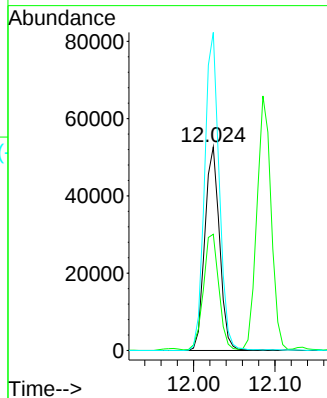
Tgt Ion:152 Resp: 66163

Ion Ratio Lower Upper

152 100

115 59.3 42.9 128.7

150 154.8 0.0 343.6



#73

Isopropylbenzene

Concen: 164.356 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX043746.D

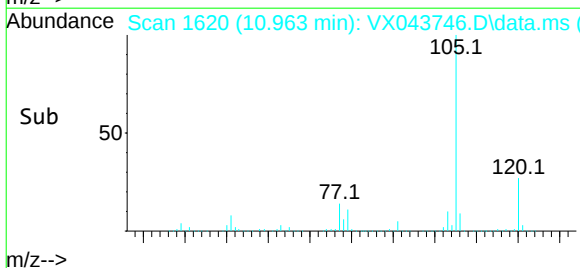
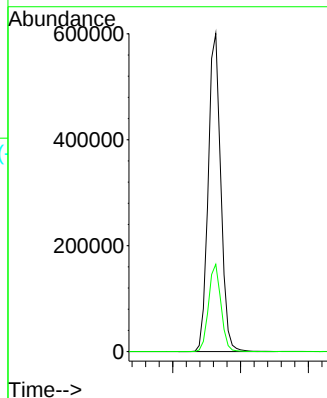
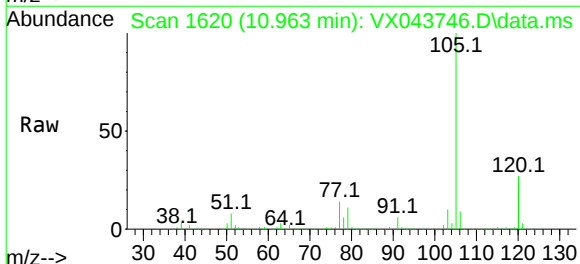
Acq: 07 Nov 2024 18:58

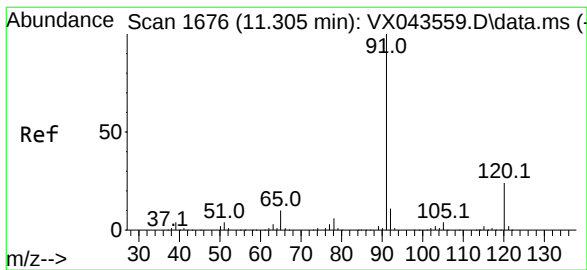
Tgt Ion:105 Resp: 770303

Ion Ratio Lower Upper

105 100

120 27.1 13.2 39.6





#78

n-propylbenzene

Concen: 241.595 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX043746.D

Acq: 07 Nov 2024 18:58

Instrument :

MSVOA_X

ClientSampleId :

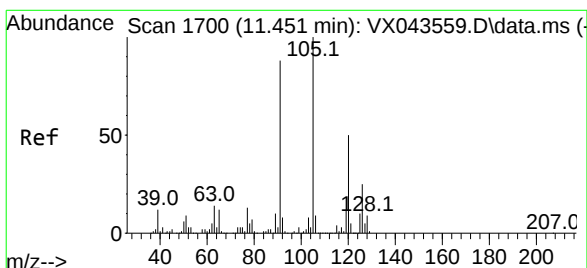
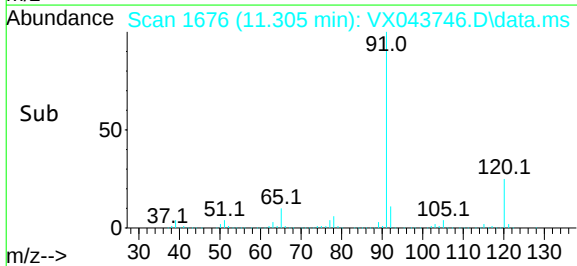
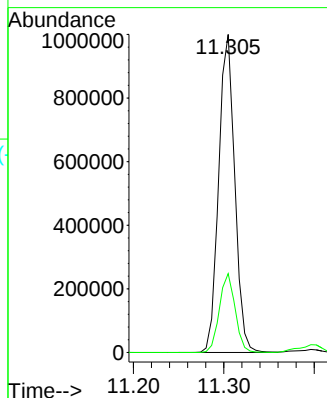
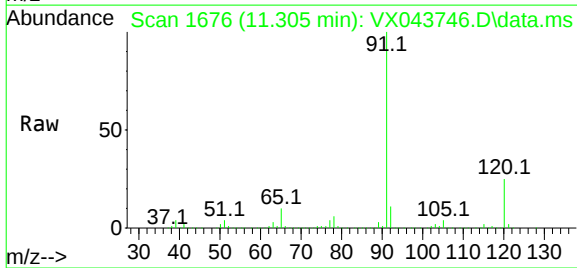
BP-B2

Tgt Ion: 91 Resp: 1234572

Ion Ratio Lower Upper

91 100

120 24.3 11.6 34.7



#80

1,3,5-Trimethylbenzene

Concen: 146.411 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX043746.D

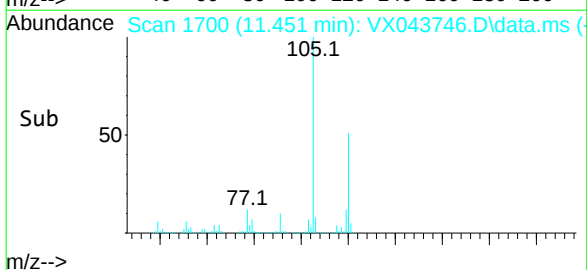
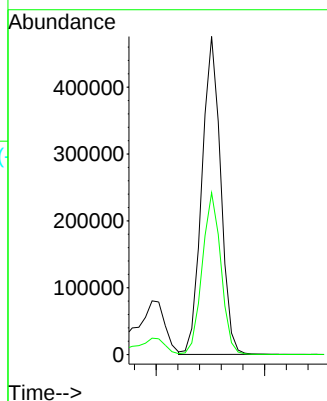
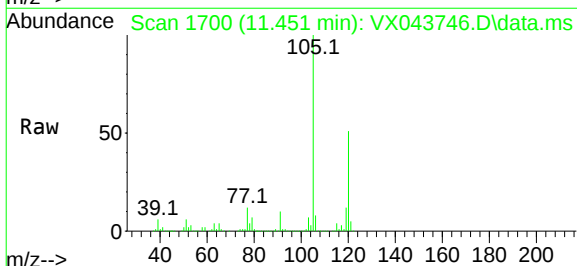
Acq: 07 Nov 2024 18:58

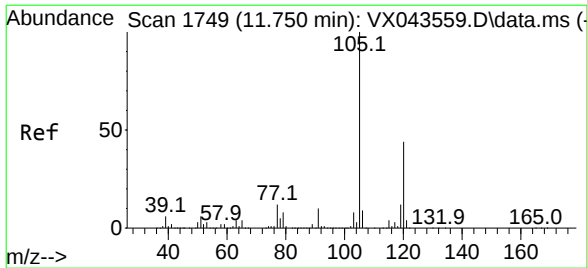
Tgt Ion:105 Resp: 572139

Ion Ratio Lower Upper

105 100

120 50.6 23.8 71.5





#84

1,2,4-Trimethylbenzene

Concen: 66.155 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX043746.D

Acq: 07 Nov 2024 18:58

Instrument :

MSVOA_X

ClientSampleId :

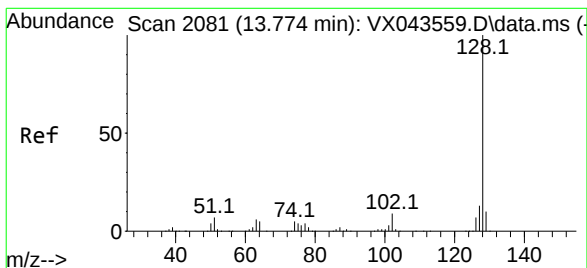
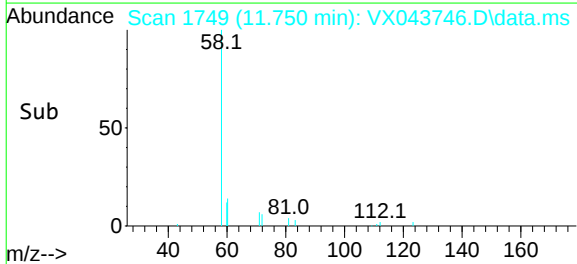
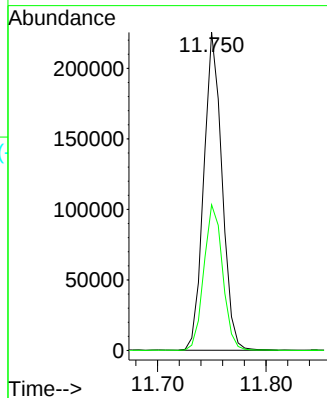
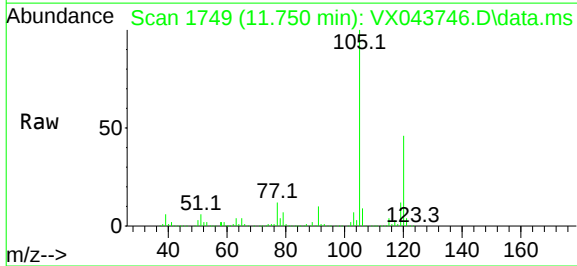
BP-B2

Tgt Ion:105 Resp: 263461

Ion Ratio Lower Upper

105 100

120 47.4 22.1 66.1



#95

Naphthalene

Concen: 108.481 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX043746.D

Acq: 07 Nov 2024 18:58

Tgt Ion:128 Resp: 558893

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 11.0 8.7 13.1

