

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120121\
 Data File : VX025410.D
 Acq On : 01 Dec 2021 14:01
 Operator : JC/MD
 Sample : M4866-03DL 2X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 30913DL

Quant Time: Dec 02 08:27:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

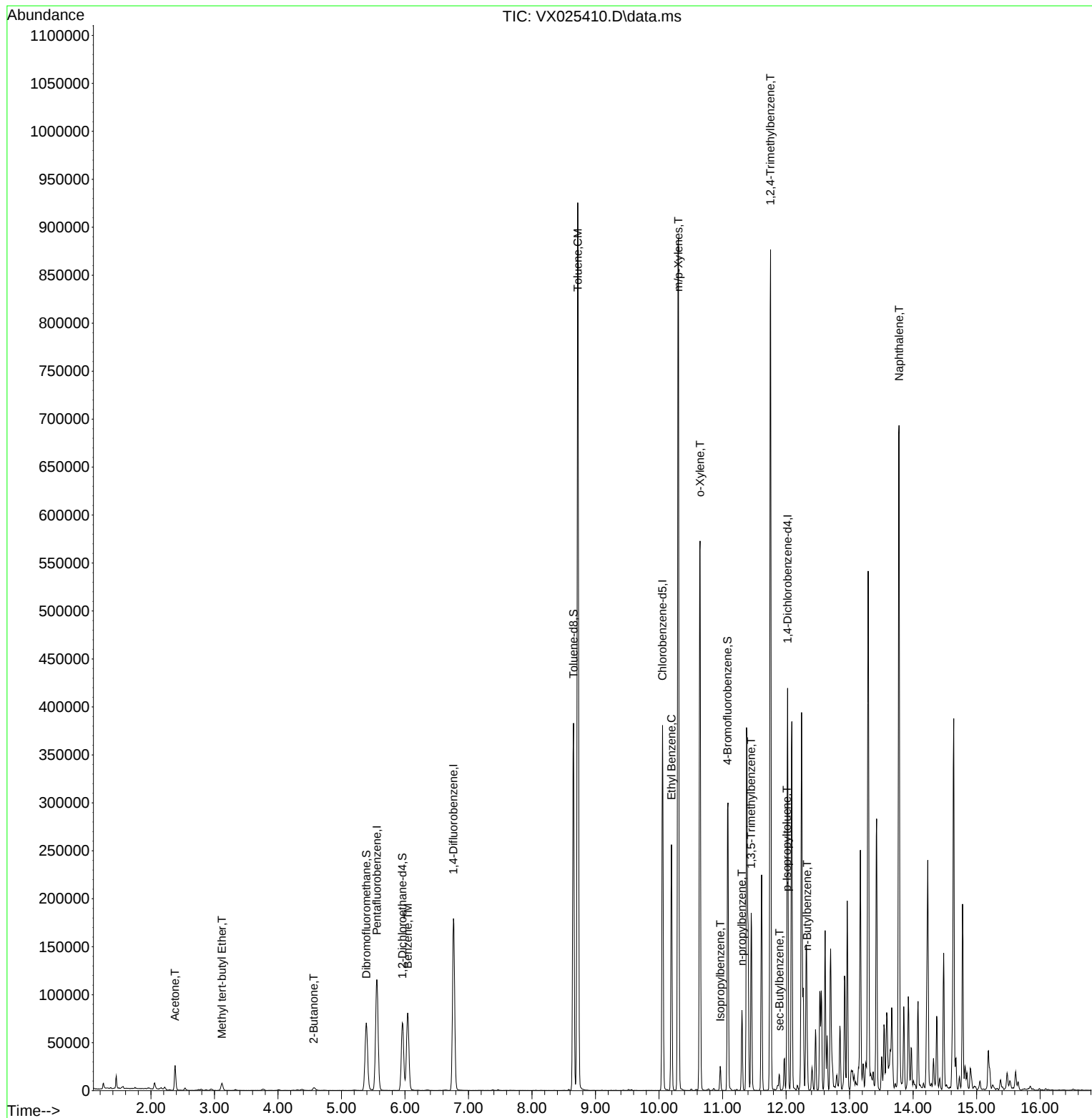
Internal Standards						
1) Pentafluorobenzene	5.556	168	118795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	194878	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87277	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66895	53.423	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 106.840%		
35) Dibromofluoromethane	5.391	113	60270	50.405	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.820%		
50) Toluene-d8	8.653	98	227124	50.520	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 101.040%		
62) 4-Bromofluorobenzene	11.079	95	81449	47.889	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 95.780%		
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	25629	36.835	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	8074	2.105	ug/l	92
25) 2-Butanone	4.562	43	4203	4.178	ug/l	97
40) Benzene	6.043	78	101188	19.646	ug/l	99
52) Toluene	8.720	92	350989	104.380	ug/l	97
67) Ethyl Benzene	10.195	91	146778	23.456	ug/l	96
68) m/p-Xylenes	10.305	106	222697	87.127	ug/l	94
69) o-Xylene	10.646	106	133162	53.229	ug/l	92
73) Isopropylbenzene	10.963	105	12650	2.034	ug/l	98
78) n-propylbenzene	11.305	91	49595	7.103	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	81092	15.510	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	396507	76.730	ug/l	95
85) sec-Butylbenzene	11.896	105	9407m	1.456	ug/l	
86) p-Isopropyltoluene	12.012	119	7175	1.293	ug/l	97
89) n-Butylbenzene	12.329	91	25326	5.414	ug/l #	31
95) Naphthalene	13.780	128	447925	76.258	ug/l	100

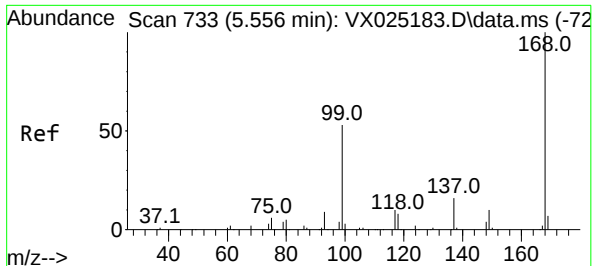
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120121\
Data File : VX025410.D
Acq On : 01 Dec 2021 14:01
Operator : JC/MD
Sample : M4866-03DL 2X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
30913DL

Quant Time: Dec 02 08:27:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration

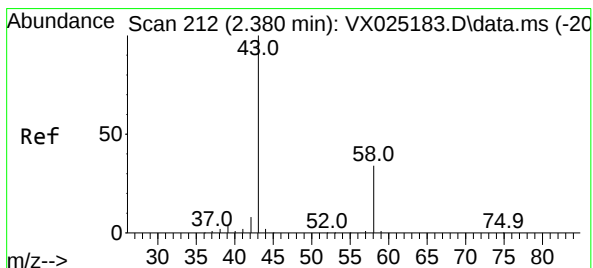
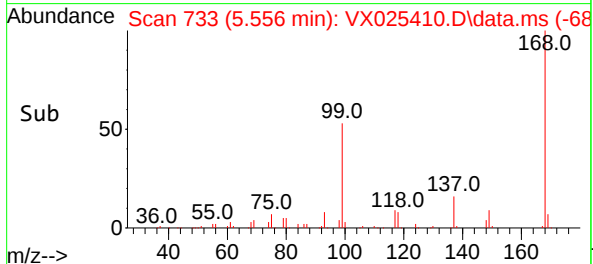
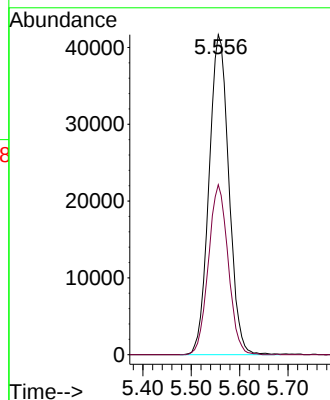
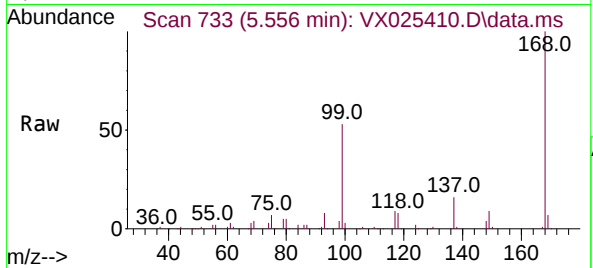




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025410.D
Acq: 01 Dec 2021 14:01

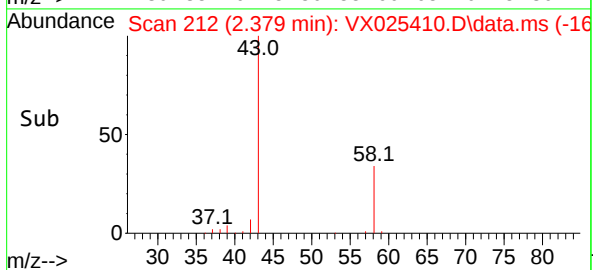
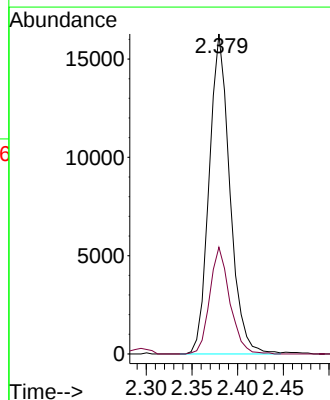
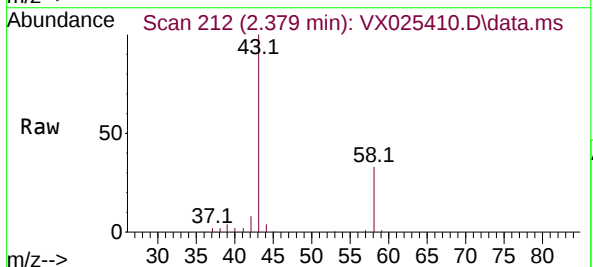
Instrument :
MSVOA_X
ClientSampleId :
30913DL

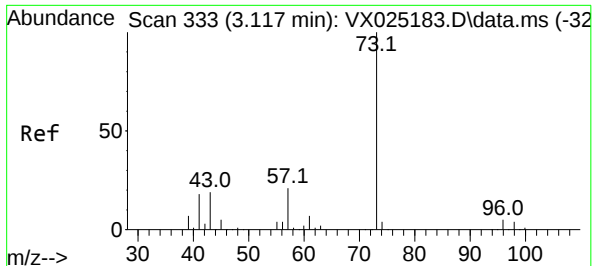
Tgt Ion:168 Resp: 118795
Ion Ratio Lower Upper
168 100
99 53.1 46.4 69.6



#16
Acetone
Concen: 36.835 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX025410.D
Acq: 01 Dec 2021 14:01

Tgt Ion: 43 Resp: 25629
Ion Ratio Lower Upper
43 100
58 33.4 24.0 36.0





#19

Methyl tert-butyl Ether

Concen: 2.105 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX025410.D

Acq: 01 Dec 2021 14:01

Instrument :

MSVOA_X

ClientSampleId :

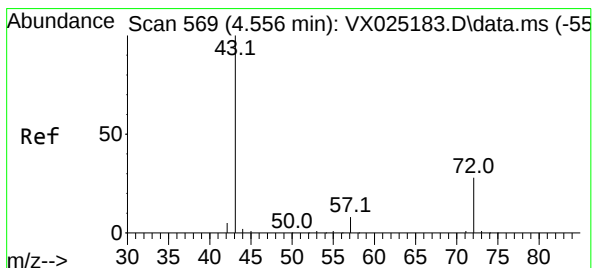
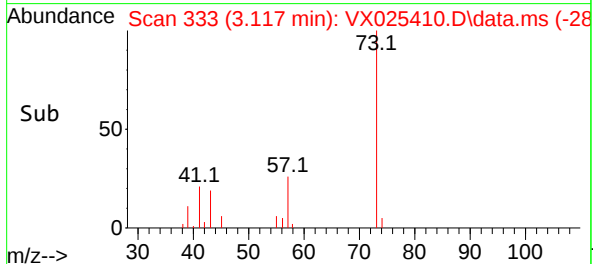
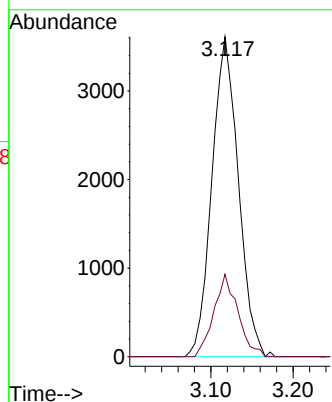
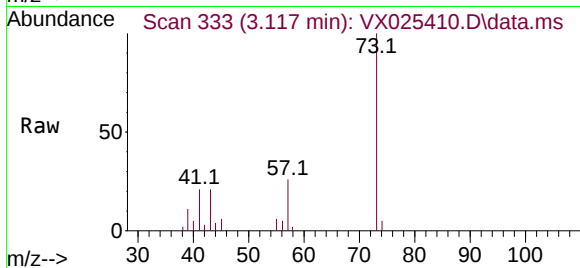
30913DL

Tgt Ion: 73 Resp: 8074

Ion Ratio Lower Upper

73 100

57 25.7 17.5 26.3



#25

2-Butanone

Concen: 4.178 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.006 min

Lab File: VX025410.D

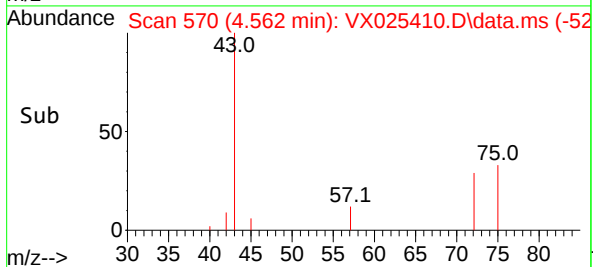
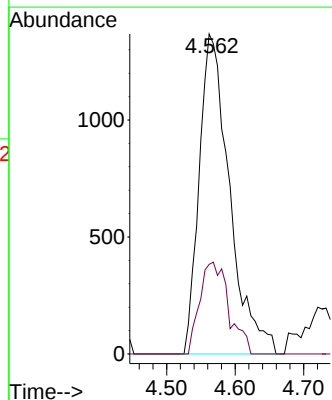
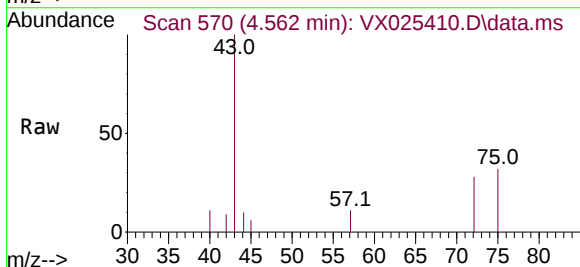
Acq: 01 Dec 2021 14:01

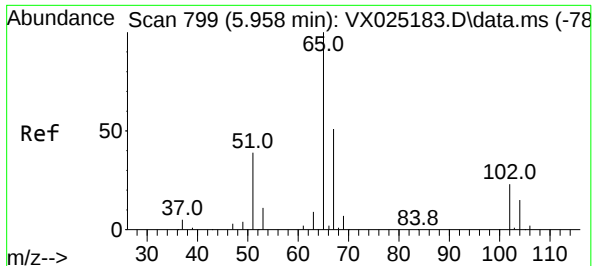
Tgt Ion: 43 Resp: 4203

Ion Ratio Lower Upper

43 100

72 28.0 21.2 31.8





#33

1,2-Dichloroethane-d4

Concen: 53.423 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025410.D

Acq: 01 Dec 2021 14:01

Instrument :

MSVOA_X

ClientSampleId :

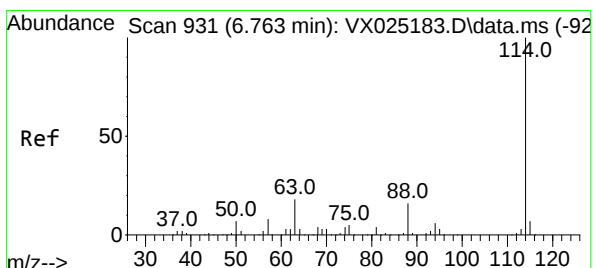
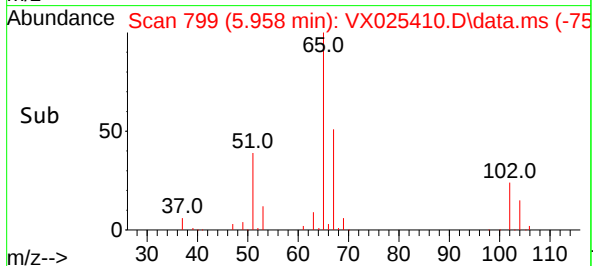
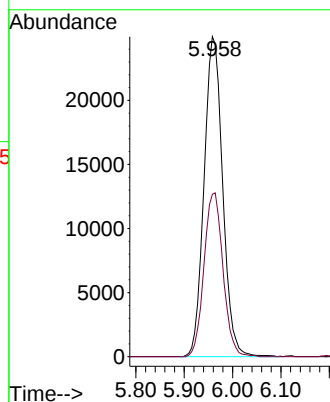
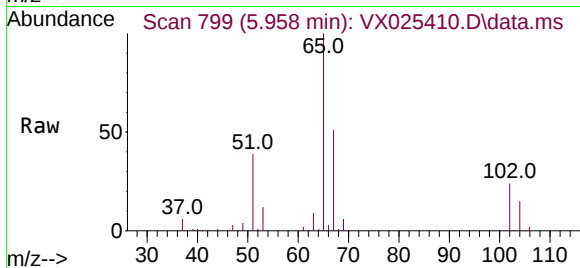
30913DL

Tgt Ion: 65 Resp: 66895

Ion Ratio Lower Upper

65 100

67 52.2 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX025410.D

Acq: 01 Dec 2021 14:01

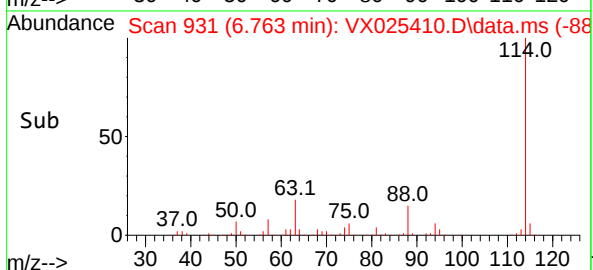
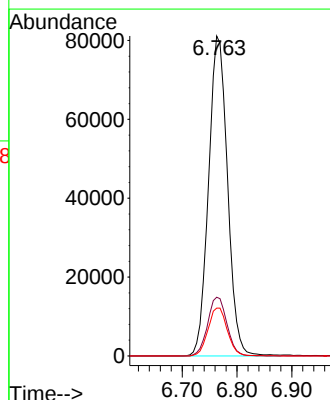
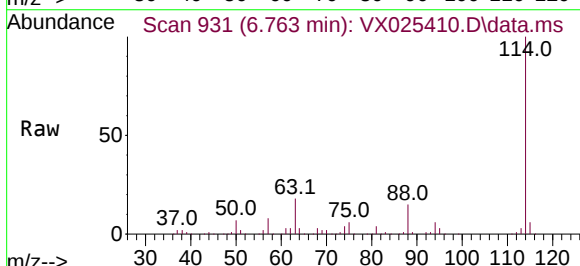
Tgt Ion: 114 Resp: 194878

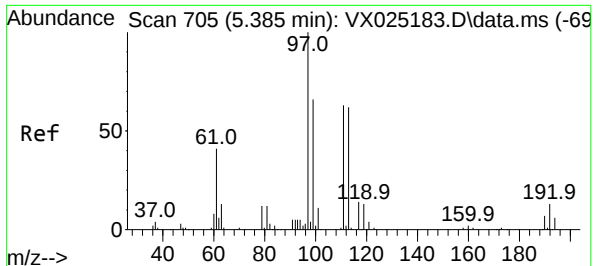
Ion Ratio Lower Upper

114 100

63 18.3 0.0 41.0

88 15.0 0.0 34.8





#35

Dibromofluoromethane

Concen: 50.405 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX025410.D

Acq: 01 Dec 2021 14:01

Instrument :

MSVOA_X

ClientSampleId :

30913DL

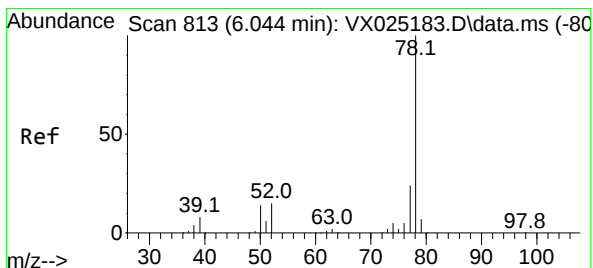
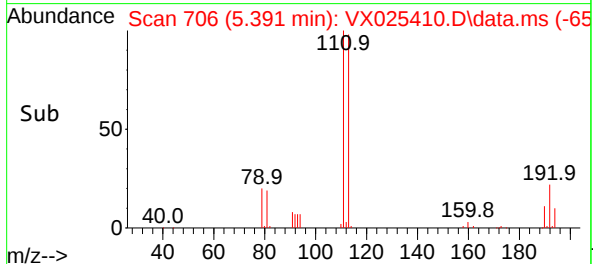
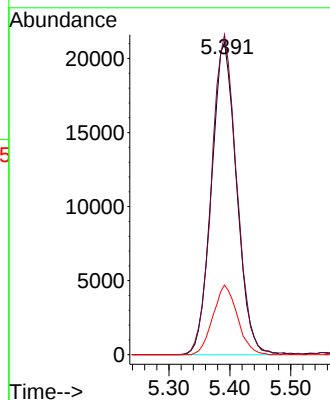
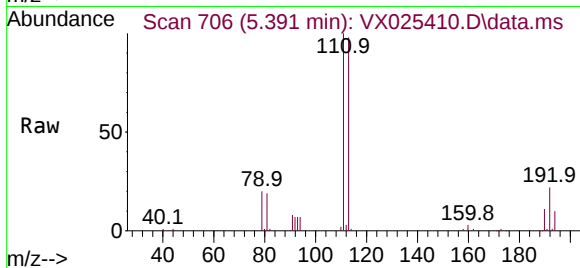
Tgt Ion:113 Resp: 60270

Ion Ratio Lower Upper

113 100

111 102.7 82.1 123.1

192 21.7 15.6 23.4



#40

Benzene

Concen: 19.646 ug/l

RT: 6.043 min Scan# 813

Delta R.T. -0.001 min

Lab File: VX025410.D

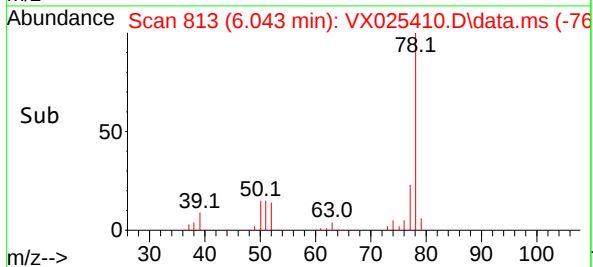
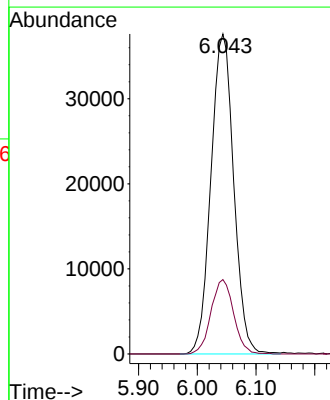
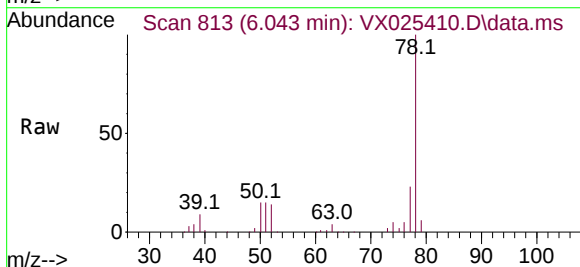
Acq: 01 Dec 2021 14:01

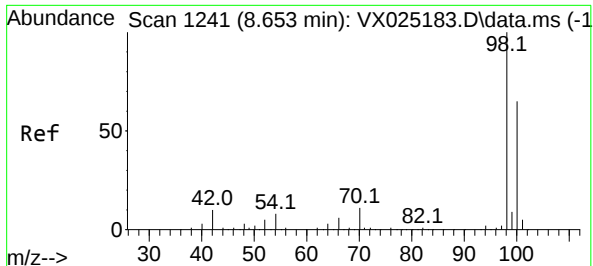
Tgt Ion: 78 Resp: 101188

Ion Ratio Lower Upper

78 100

77 23.3 18.3 27.5





#50

Toluene-d8

Concen: 50.520 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025410.D

Acq: 01 Dec 2021 14:01

Instrument :

MSVOA_X

ClientSampleId :

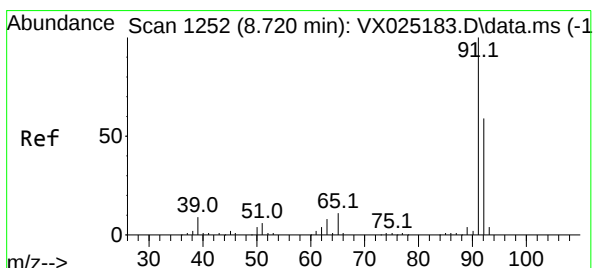
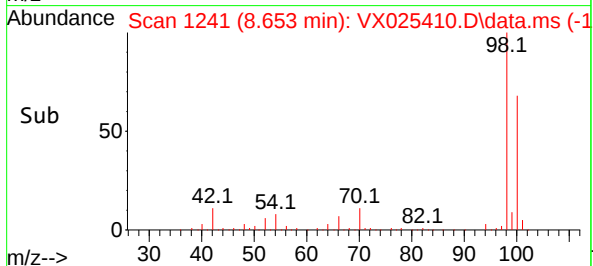
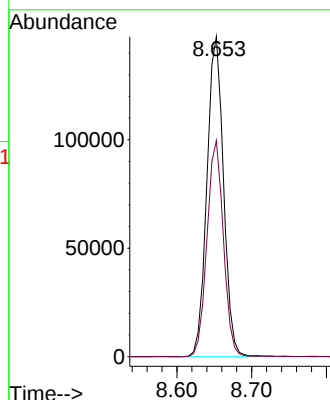
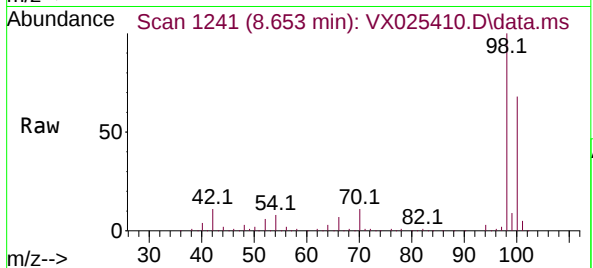
30913DL

Tgt Ion: 98 Resp: 227124

Ion Ratio Lower Upper

98 100

100 66.7 51.4 77.0



#52

Toluene

Concen: 104.380 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX025410.D

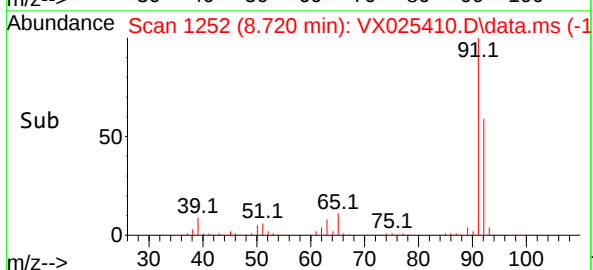
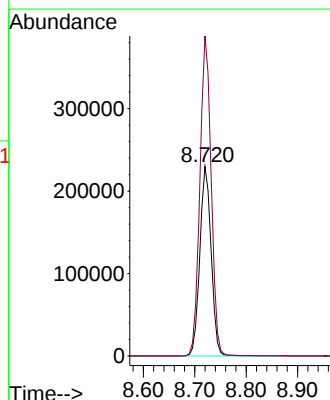
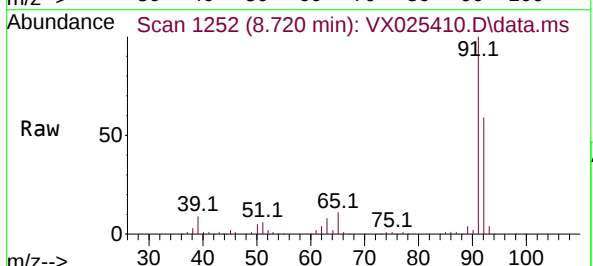
Acq: 01 Dec 2021 14:01

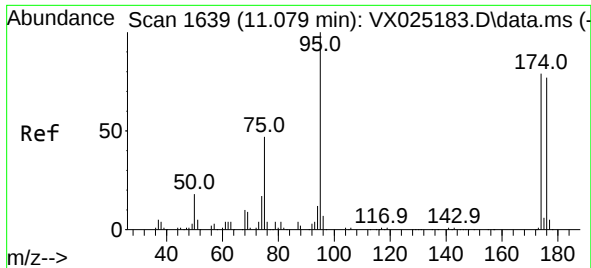
Tgt Ion: 92 Resp: 350989

Ion Ratio Lower Upper

92 100

91 169.1 138.6 208.0

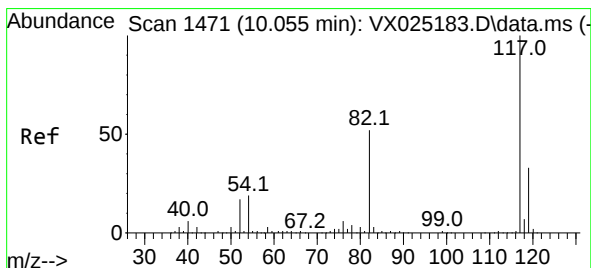
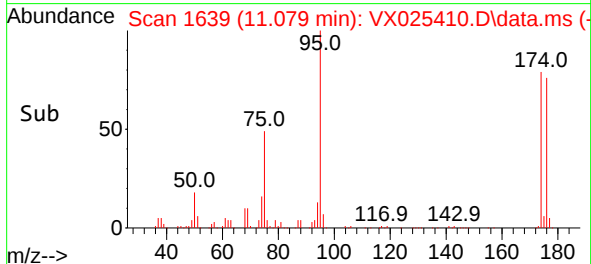
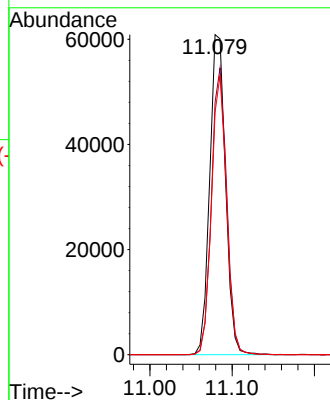
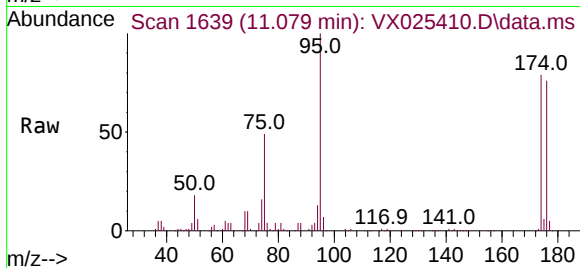




#62
4-Bromofluorobenzene
Concen: 47.889 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025410.D
Acq: 01 Dec 2021 14:01

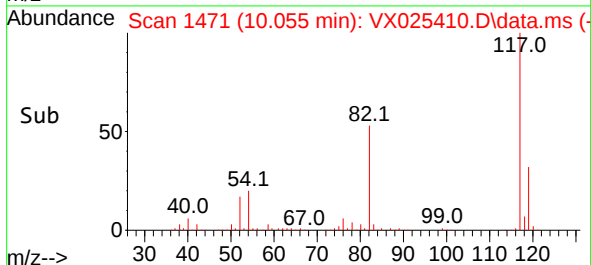
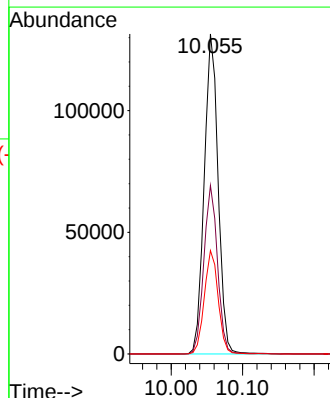
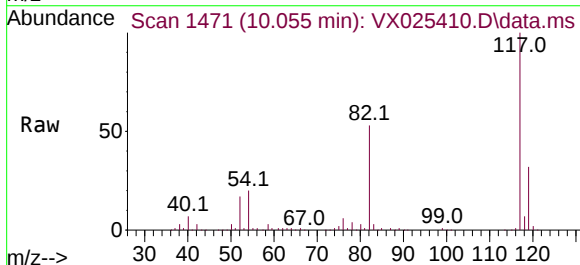
Instrument :
MSVOA_X
ClientSampleId :
30913DL

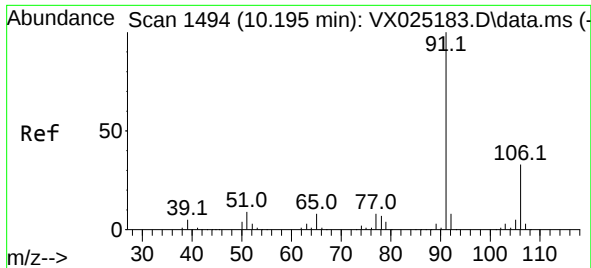
Tgt Ion: 95 Resp: 81449
Ion Ratio Lower Upper
95 100
174 86.4 0.0 158.0
176 83.4 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025410.D
Acq: 01 Dec 2021 14:01

Tgt Ion: 117 Resp: 177697
Ion Ratio Lower Upper
117 100
82 52.7 44.6 67.0
119 32.3 24.8 37.2

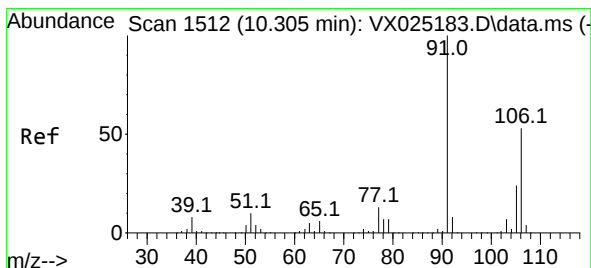
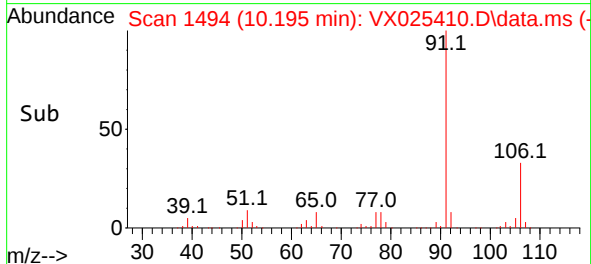
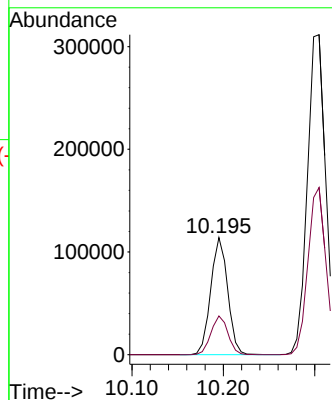
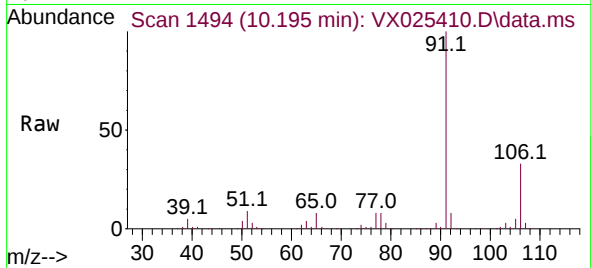




#67
Ethyl Benzene
Concen: 23.456 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025410.D
Acq: 01 Dec 2021 14:01

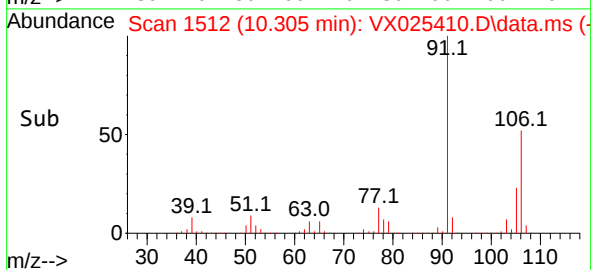
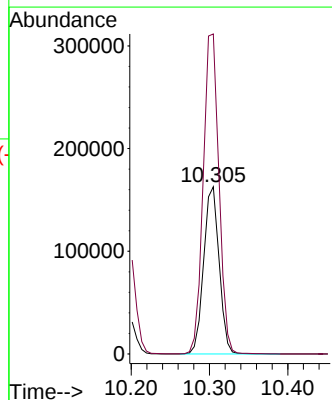
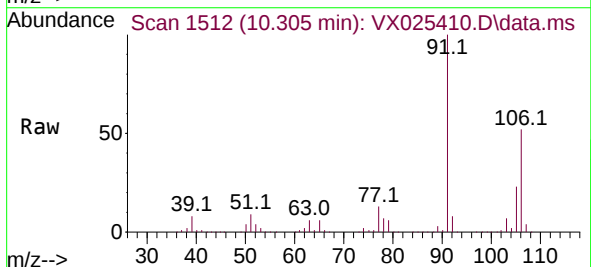
Instrument :
MSVOA_X
ClientSampleId :
30913DL

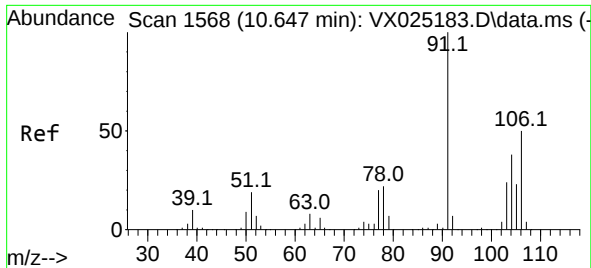
Tgt Ion: 91 Resp: 146778
Ion Ratio Lower Upper
91 100
106 33.0 24.7 37.1



#68
m/p-Xylenes
Concen: 87.127 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025410.D
Acq: 01 Dec 2021 14:01

Tgt Ion:106 Resp: 222697
Ion Ratio Lower Upper
106 100
91 195.4 163.4 245.0

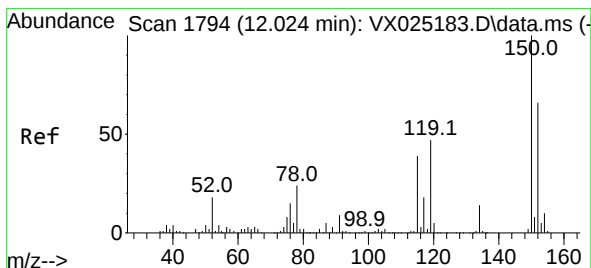
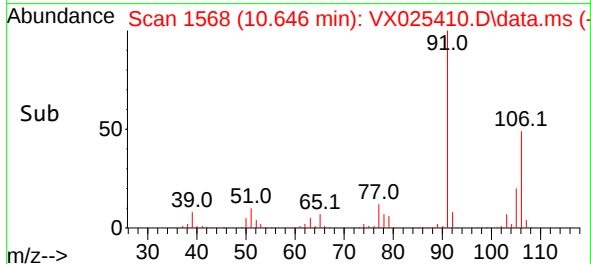
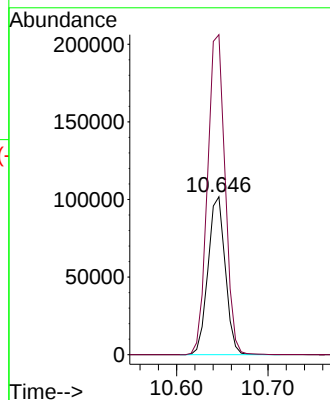
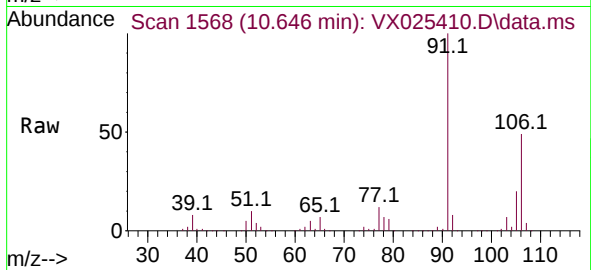




#69
o-Xylene
Concen: 53.229 ug/l
RT: 10.646 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX025410.D
Acq: 01 Dec 2021 14:01

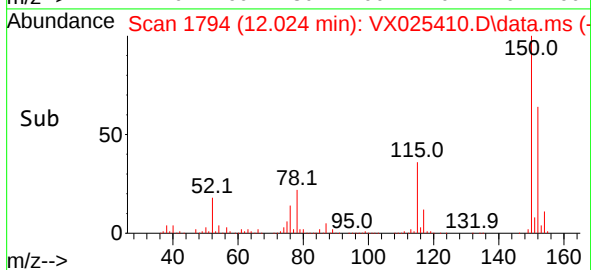
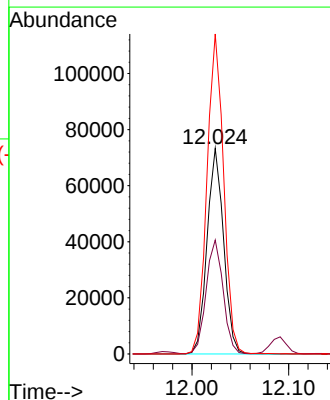
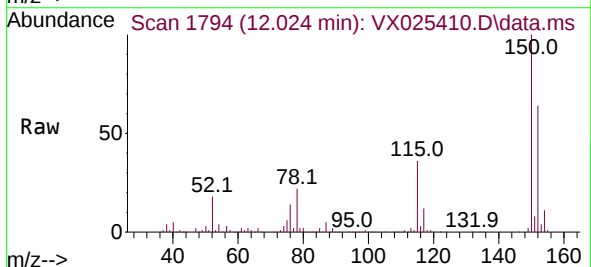
Instrument :
MSVOA_X
ClientSampleId :
30913DL

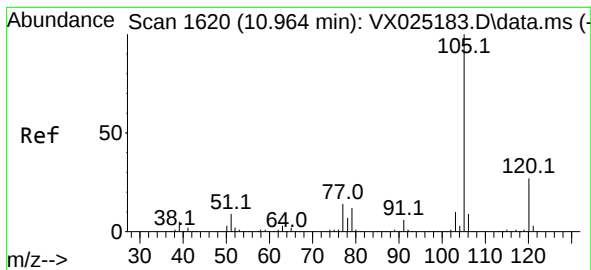
Tgt Ion:106 Resp: 133162
Ion Ratio Lower Upper
106 100
91 206.6 109.5 328.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025410.D
Acq: 01 Dec 2021 14:01

Tgt Ion:152 Resp: 87277
Ion Ratio Lower Upper
152 100
115 56.9 43.3 129.8
150 156.9 0.0 351.2





#73

Isopropylbenzene

Concen: 2.034 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.001 min

Lab File: VX025410.D

Acq: 01 Dec 2021 14:01

Instrument :

MSVOA_X

ClientSampleId :

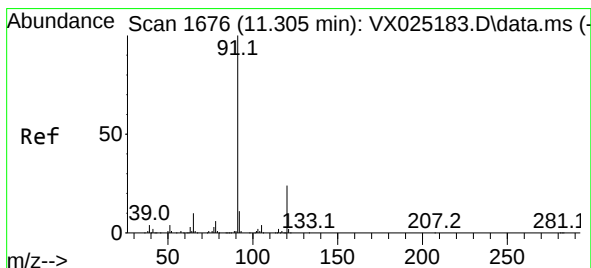
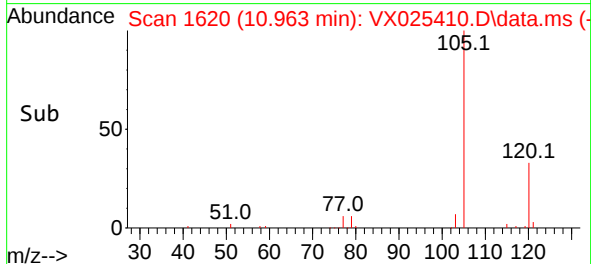
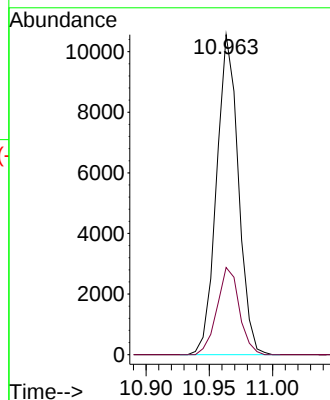
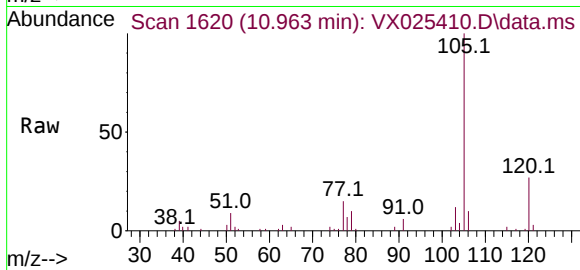
30913DL

Tgt Ion:105 Resp: 12650

Ion Ratio Lower Upper

105 100

120 27.8 13.3 39.8



#78

n-propylbenzene

Concen: 7.103 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX025410.D

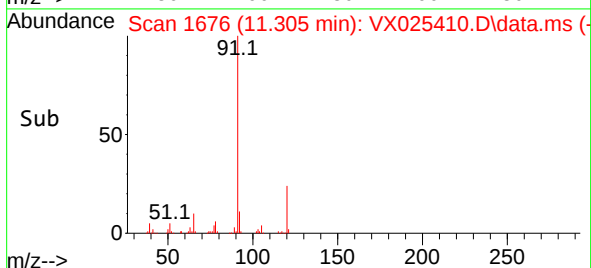
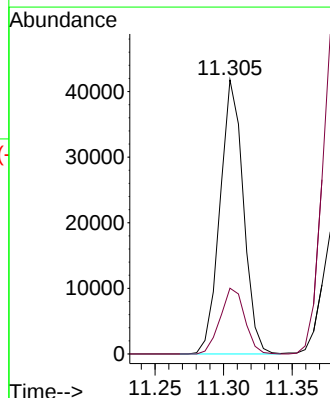
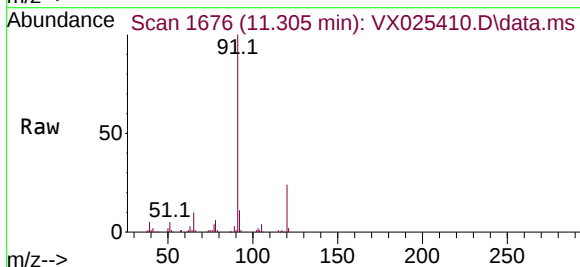
Acq: 01 Dec 2021 14:01

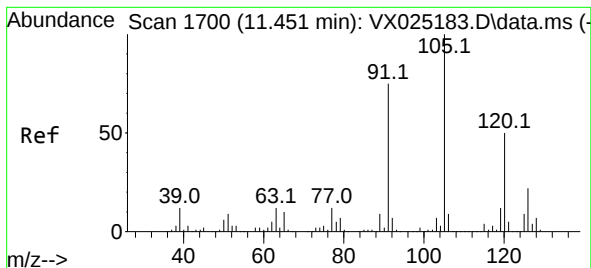
Tgt Ion: 91 Resp: 49595

Ion Ratio Lower Upper

91 100

120 25.1 11.7 35.0





#80

1,3,5-Trimethylbenzene

Concen: 15.510 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX025410.D

Acq: 01 Dec 2021 14:01

Instrument :

MSVOA_X

ClientSampleId :

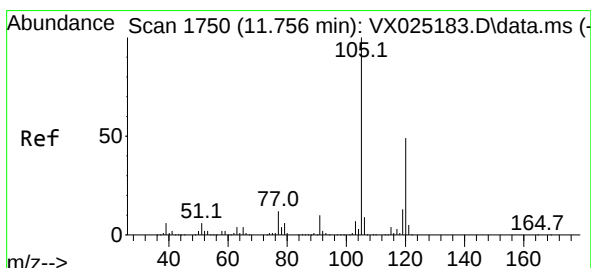
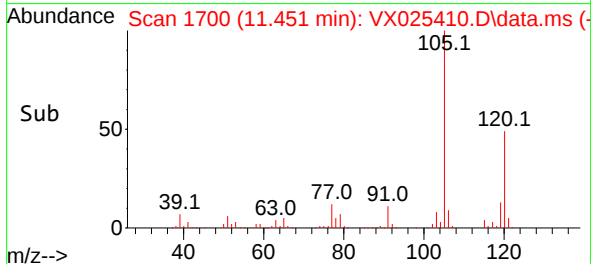
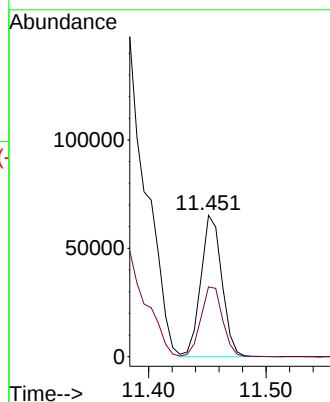
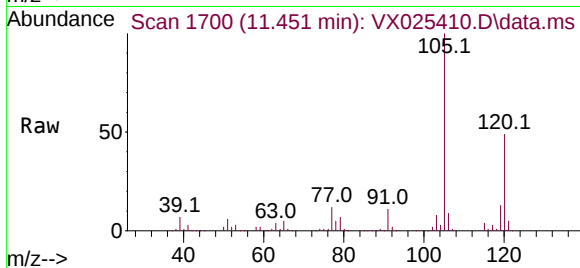
30913DL

Tgt Ion:105 Resp: 81092

Ion Ratio Lower Upper

105 100

120 51.0 23.8 71.5



#84

1,2,4-Trimethylbenzene

Concen: 76.730 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX025410.D

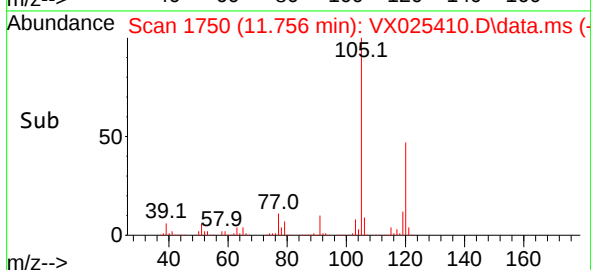
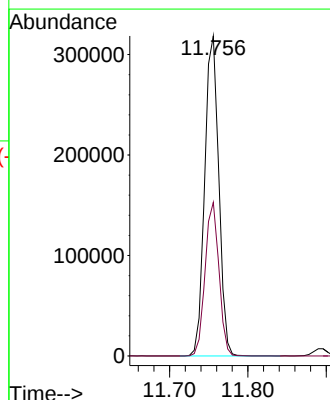
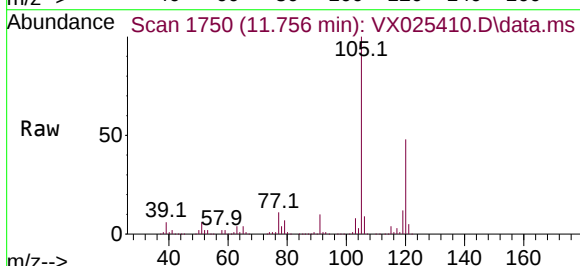
Acq: 01 Dec 2021 14:01

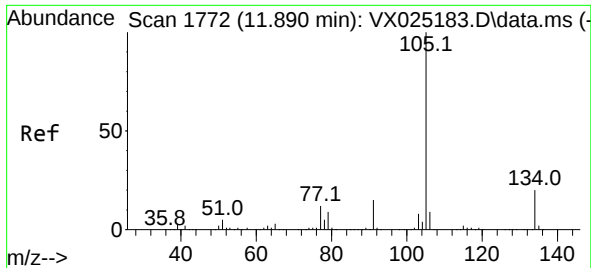
Tgt Ion:105 Resp: 396507

Ion Ratio Lower Upper

105 100

120 47.2 22.1 66.3

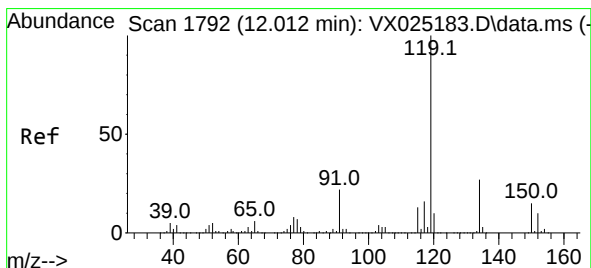
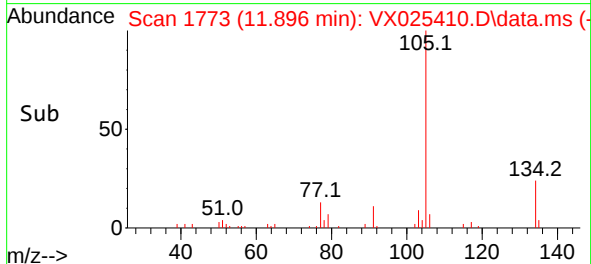
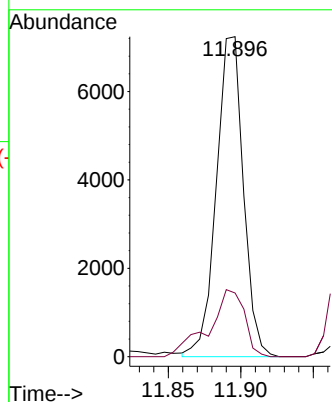
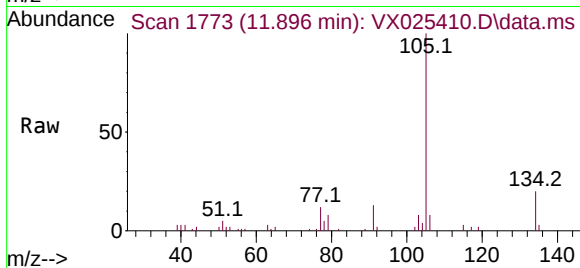




#85
 sec-Butylbenzene
 Concen: 1.456 ug/l m
 RT: 11.896 min Scan# 1772
 Delta R.T. 0.006 min
 Lab File: VX025410.D
 Acq: 01 Dec 2021 14:01

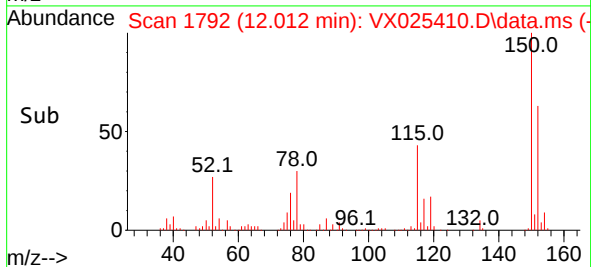
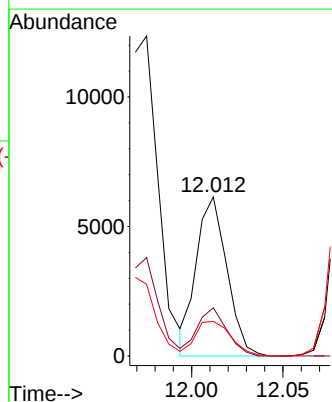
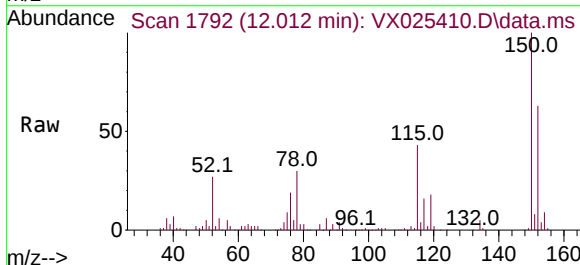
Instrument :
 MSVOA_X
 ClientSampleId :
 30913DL

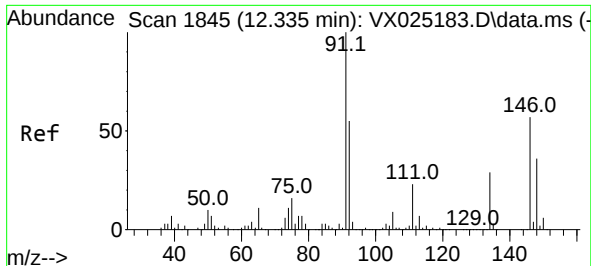
Tgt Ion:105 Resp: 9407
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4#



#86
 p-Isopropyltoluene
 Concen: 1.293 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX025410.D
 Acq: 01 Dec 2021 14:01

Tgt Ion:119 Resp: 7175
 Ion Ratio Lower Upper
 119 100
 134 29.3 13.2 39.5
 91 25.2 12.4 37.0





#89

n-Butylbenzene

Concen: 5.414 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX025410.D

Acq: 01 Dec 2021 14:01

Instrument :

MSVOA_X

ClientSampleId :

30913DL

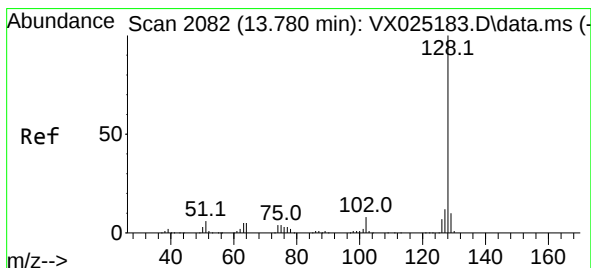
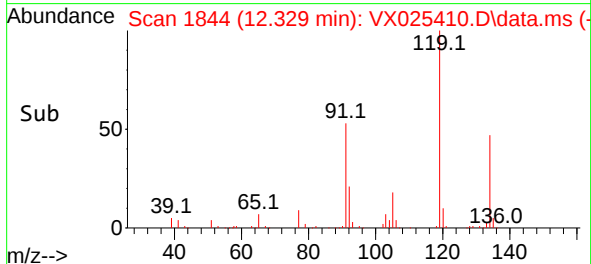
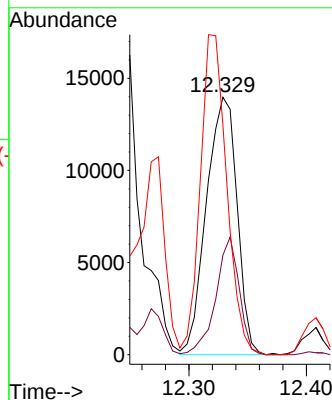
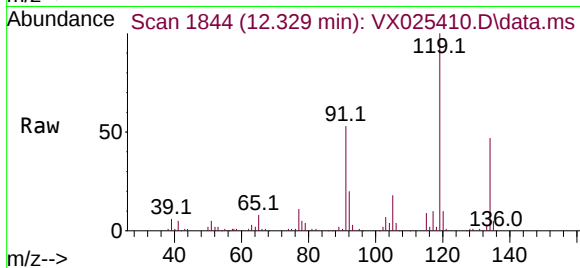
Tgt Ion: 91 Resp: 25326

Ion Ratio Lower Upper

91 100

92 34.8 26.3 78.8

134 106.6 13.0 38.9#



#95

Naphthalene

Concen: 76.258 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VX025410.D

Acq: 01 Dec 2021 14:01

Tgt Ion:128 Resp: 447925

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.1 8.8 13.2

