

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
 Data File : VX031601.D
 Acq On : 23 Sep 2022 04:31
 Operator : JC/MD
 Sample : N4731-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-2

Quant Time: Sep 23 05:43:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

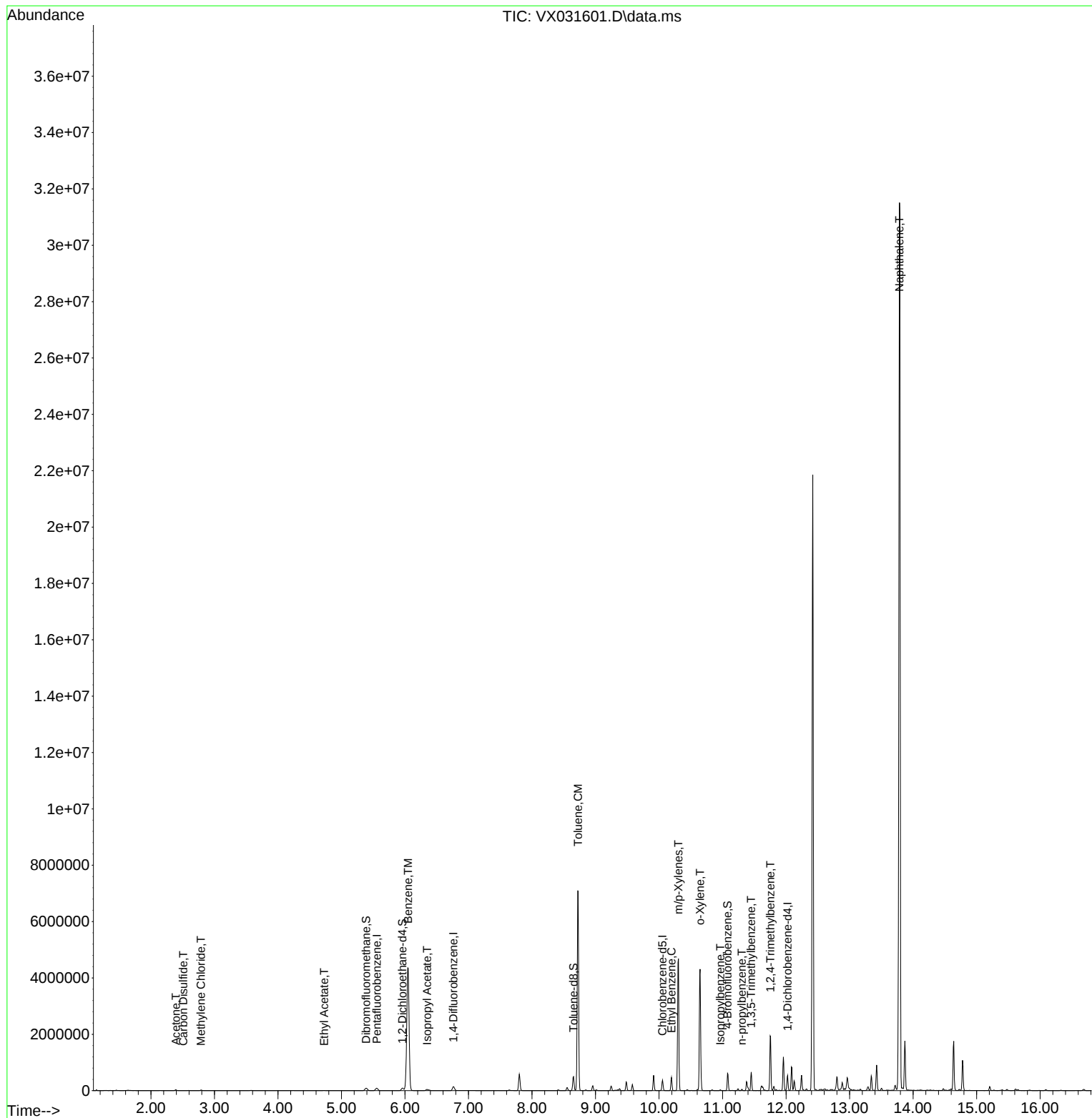
Internal Standards						
1) Pentafluorobenzene	5.556	168	84883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	144868	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85936	55.214	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.420%
35) Dibromofluoromethane	5.385	113	71724	47.869	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.740%
50) Toluene-d8	8.653	98	287858	49.874	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.740%
62) 4-Bromofluorobenzene	11.079	95	157425	80.523	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	161.040%#
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	35335	46.262	ug/l	99
17) Carbon Disulfide	2.507	76	3701	1.040	ug/l #	94
20) Methylene Chloride	2.788	84	10090	5.158	ug/l	95
37) Ethyl Acetate	4.727	43	11767	4.283	ug/l	97
40) Benzene	6.050	78	5091866	741.198	ug/l	97
43) Isopropyl Acetate	6.348	43	53462	12.662	ug/l	98
52) Toluene	8.726	92	2808713	626.887	ug/l	94
67) Ethyl Benzene	10.195	91	253698	29.056	ug/l	98
68) m/p-Xylenes	10.305	106	1177790	335.660	ug/l	92
69) o-Xylene	10.646	106	962155	287.280	ug/l	90
73) Isopropylbenzene	10.963	105	13470	1.698	ug/l	100
78) n-propylbenzene	11.305	91	28652	3.140	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	275183	40.885	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	822383	124.066	ug/l	97
95) Naphthalene	13.786	128	16083174	2112.416	ug/l #	68

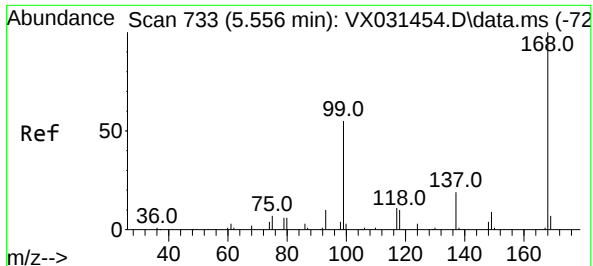
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
Data File : VX031601.D
Acq On : 23 Sep 2022 04:31
Operator : JC/MD
Sample : N4731-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB-2

Quant Time: Sep 23 05:43:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 09:45:29 2022
Response via : Initial Calibration

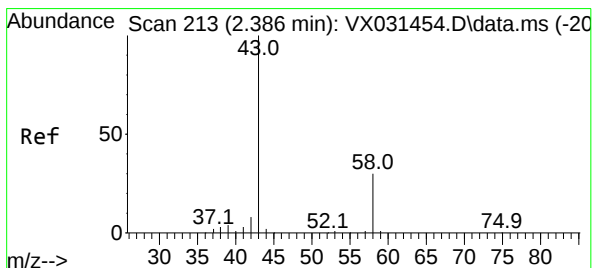
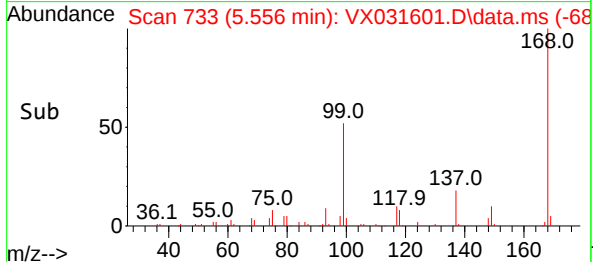
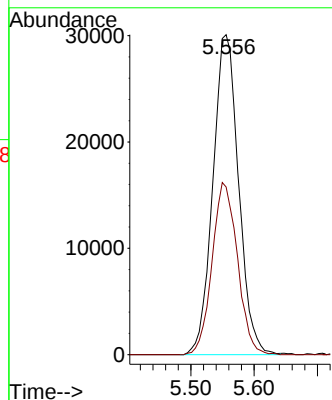
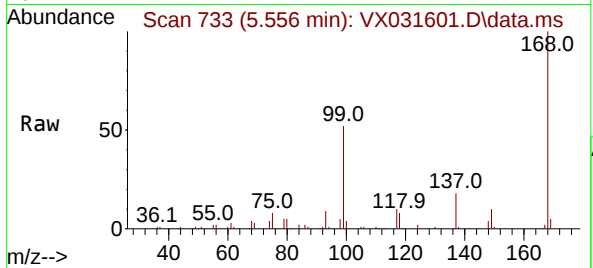




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031601.D
Acq: 23 Sep 2022 04:31

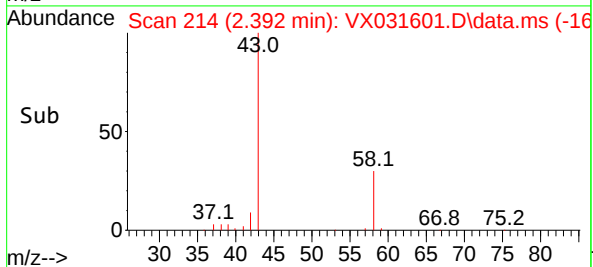
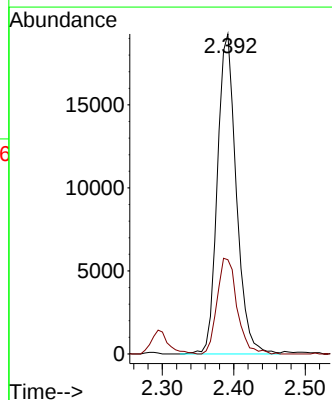
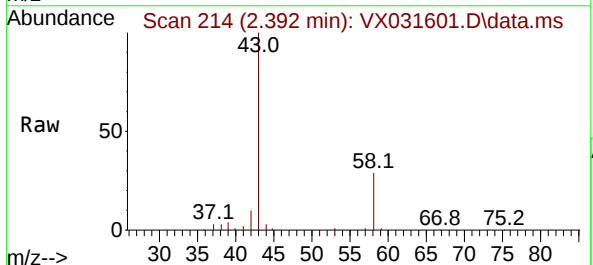
Instrument :
MSVOA_X
ClientSampleId :
SB-2

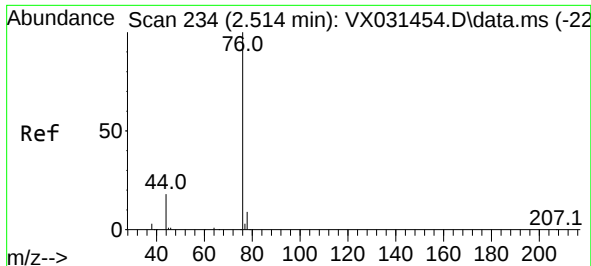
Tgt Ion:168 Resp: 84883
Ion Ratio Lower Upper
168 100
99 52.4 48.8 73.2



#16
Acetone
Concen: 46.262 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031601.D
Acq: 23 Sep 2022 04:31

Tgt Ion: 43 Resp: 35335
Ion Ratio Lower Upper
43 100
58 29.5 23.8 35.8

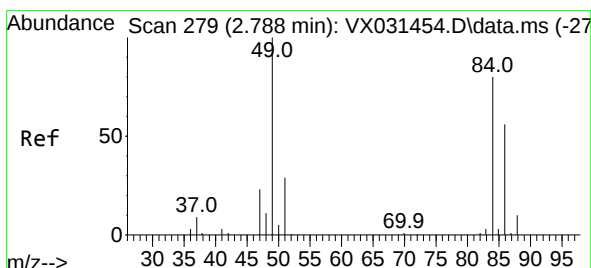
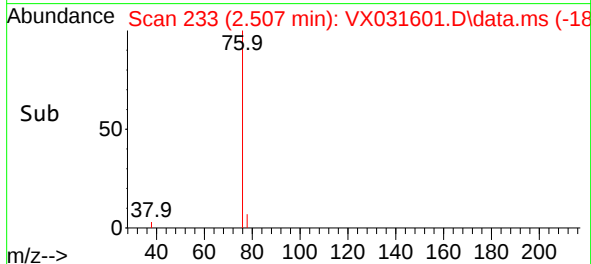
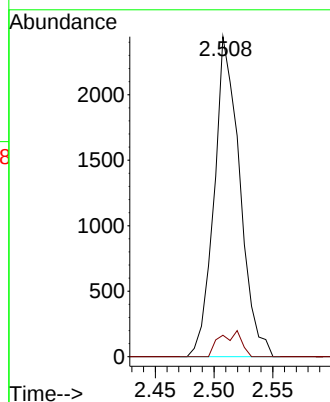
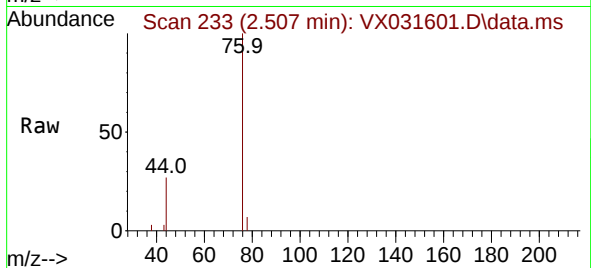




#17
Carbon Disulfide
Concen: 1.040 ug/l
RT: 2.507 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031601.D
Acq: 23 Sep 2022 04:31

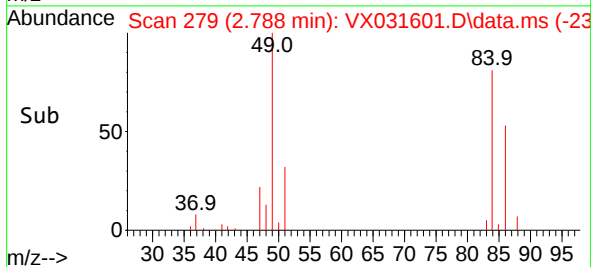
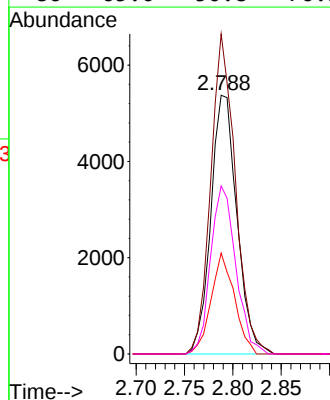
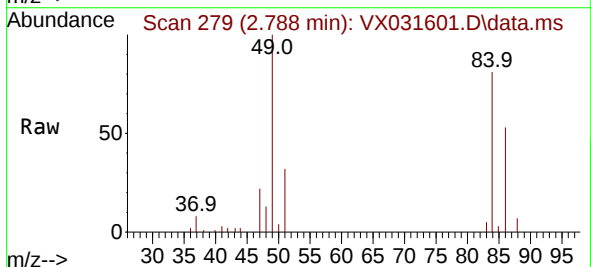
Instrument :
MSVOA_X
ClientSampleId :
SB-2

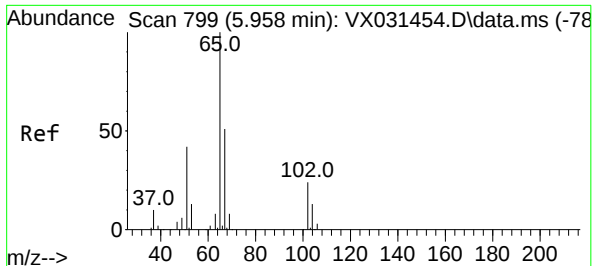
Tgt Ion: 76 Resp: 3701
Ion Ratio Lower Upper
76 100
78 6.7 7.2 10.8#



#20
Methylene Chloride
Concen: 5.158 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX031601.D
Acq: 23 Sep 2022 04:31

Tgt Ion: 84 Resp: 10090
Ion Ratio Lower Upper
84 100
49 123.7 105.9 158.9
51 39.0 32.2 48.2
86 65.0 50.8 76.2





#33

1,2-Dichloroethane-d4

Concen: 55.214 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031601.D

Acq: 23 Sep 2022 04:31

Instrument :

MSVOA_X

ClientSampleId :

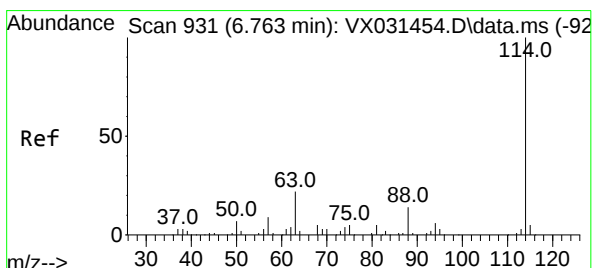
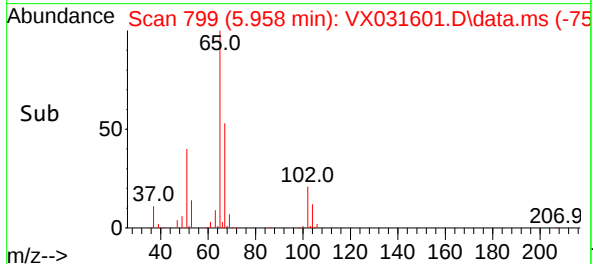
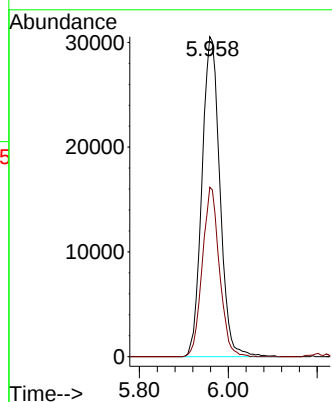
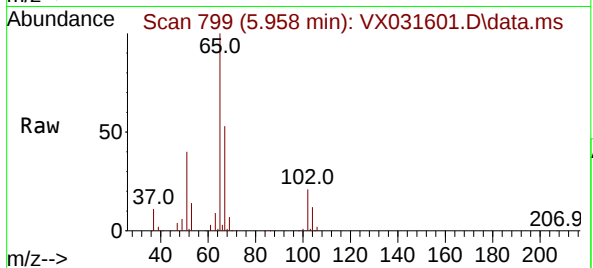
SB-2

Tgt Ion: 65 Resp: 85936

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031601.D

Acq: 23 Sep 2022 04:31

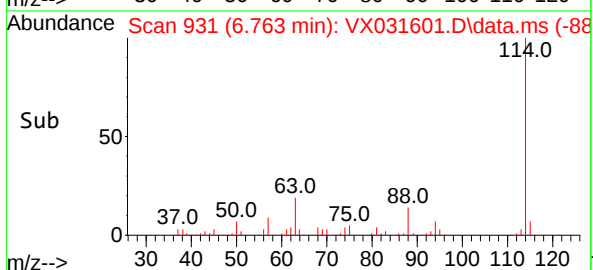
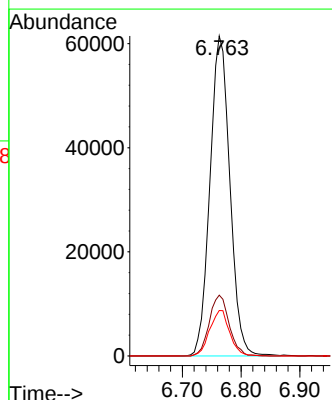
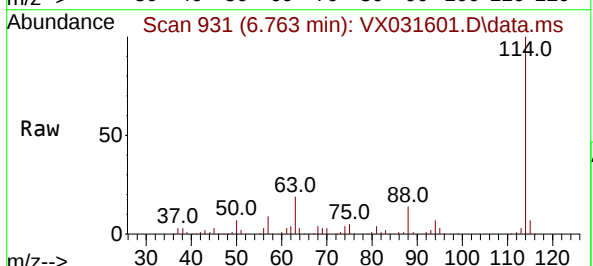
Tgt Ion: 114 Resp: 144868

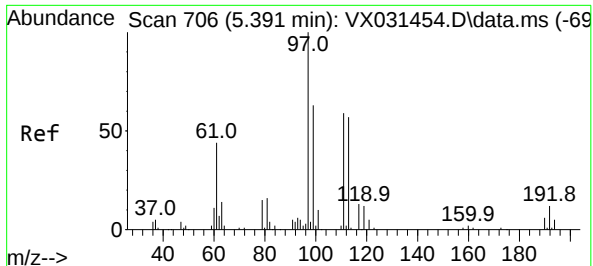
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.6

88 14.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 47.869 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX031601.D

Acq: 23 Sep 2022 04:31

Instrument :

MSVOA_X

ClientSampleId :

SB-2

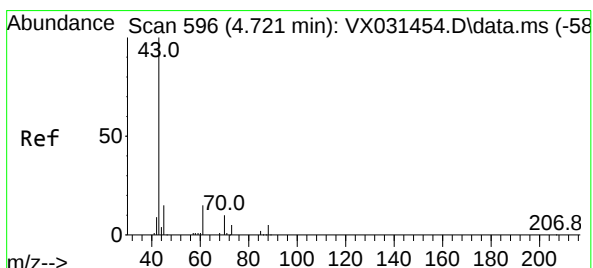
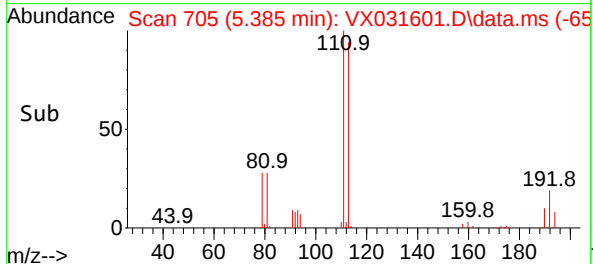
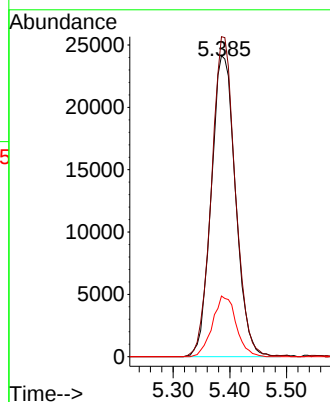
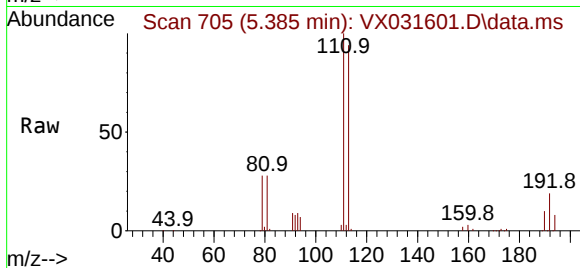
Tgt Ion:113 Resp: 71724

Ion Ratio Lower Upper

113 100

111 103.7 82.4 123.6

192 19.6 14.1 21.1



#37

Ethyl Acetate

Concen: 4.283 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.006 min

Lab File: VX031601.D

Acq: 23 Sep 2022 04:31

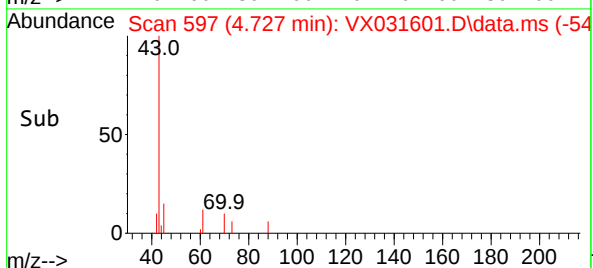
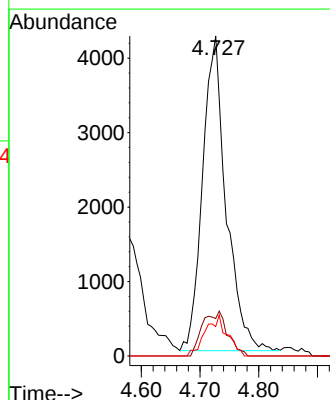
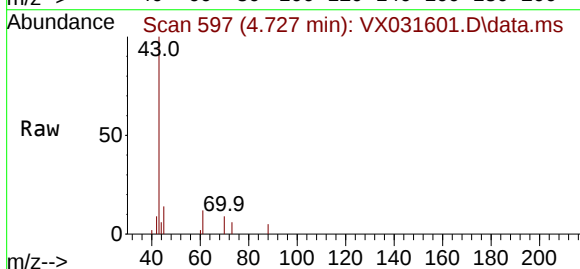
Tgt Ion: 43 Resp: 11767

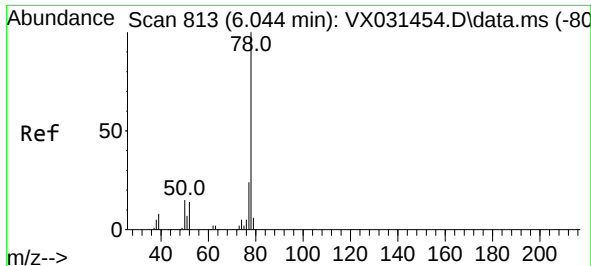
Ion Ratio Lower Upper

43 100

61 15.2 11.1 16.7

70 12.0 8.6 13.0

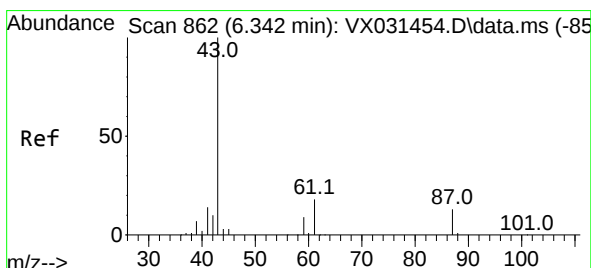
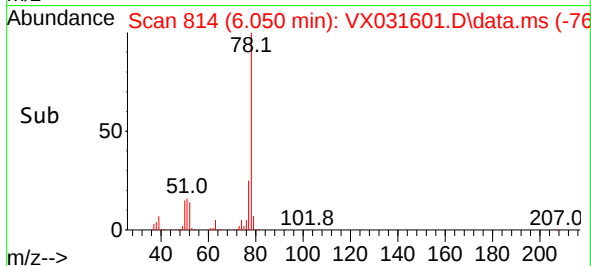
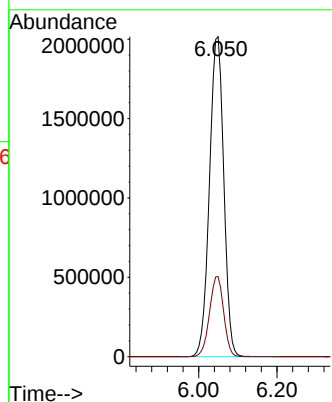
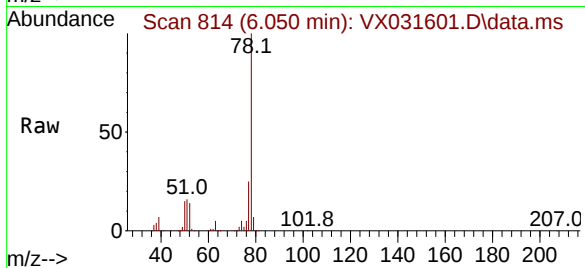




#40
Benzene
Concen: 741.198 ug/l
RT: 6.050 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX031601.D
Acq: 23 Sep 2022 04:31

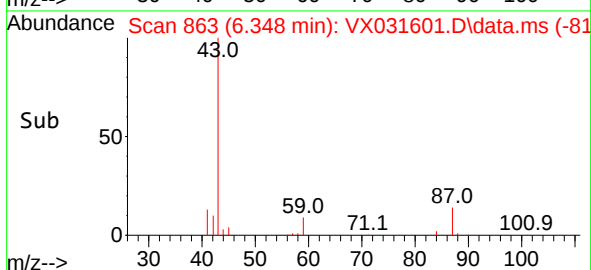
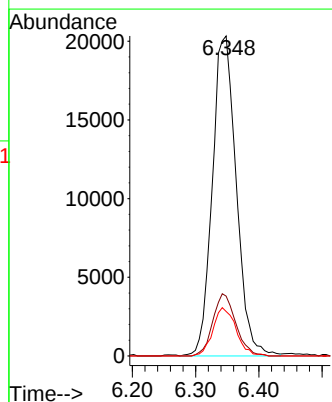
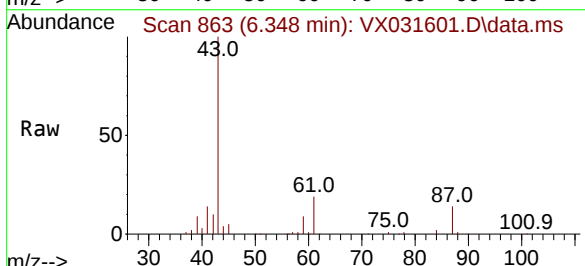
Instrument :
MSVOA_X
ClientSampleId :
SB-2

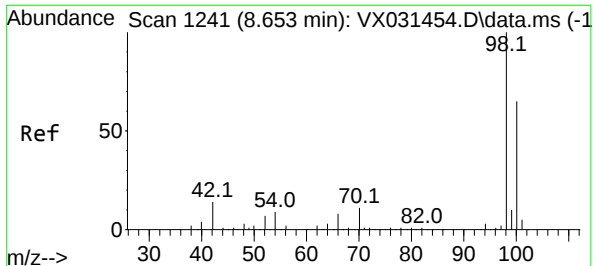
Tgt Ion: 78 Resp: 5091866
Ion Ratio Lower Upper
78 100
77 25.0 18.7 28.1



#43
Isopropyl Acetate
Concen: 12.662 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX031601.D
Acq: 23 Sep 2022 04:31

Tgt Ion: 43 Resp: 53462
Ion Ratio Lower Upper
43 100
61 18.6 15.3 22.9
87 14.6 10.6 15.8





#50

Toluene-d8

Concen: 49.874 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031601.D

Acq: 23 Sep 2022 04:31

Instrument :

MSVOA_X

ClientSampleId :

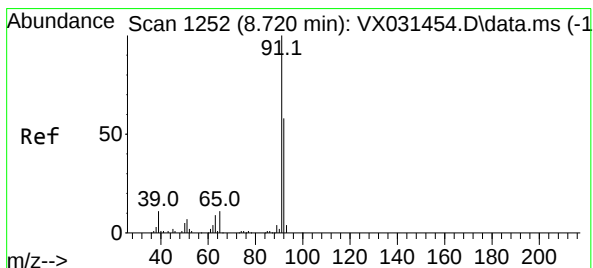
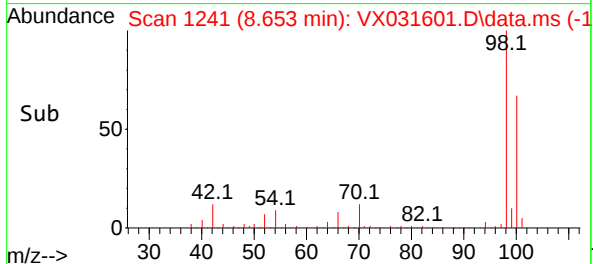
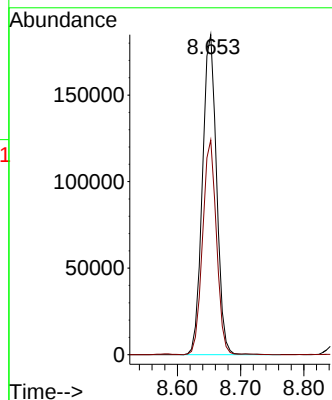
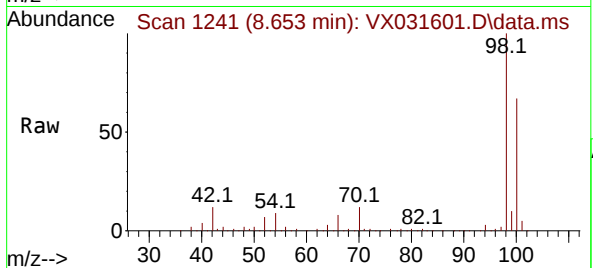
SB-2

Tgt Ion: 98 Resp: 287858

Ion Ratio Lower Upper

98 100

100 65.7 52.5 78.7



#52

Toluene

Concen: 626.887 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX031601.D

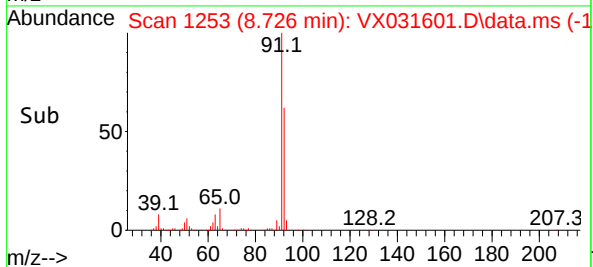
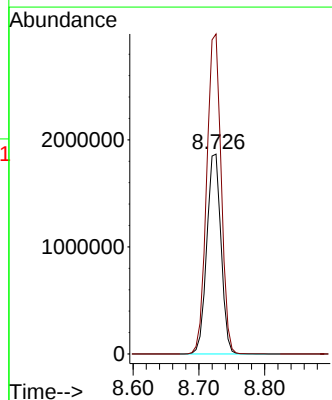
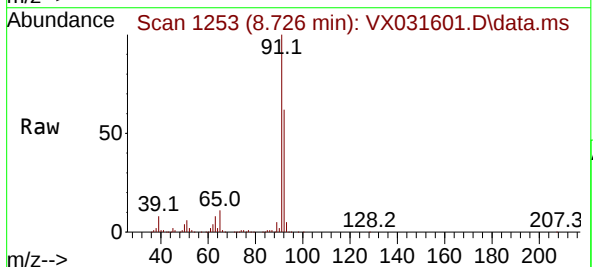
Acq: 23 Sep 2022 04:31

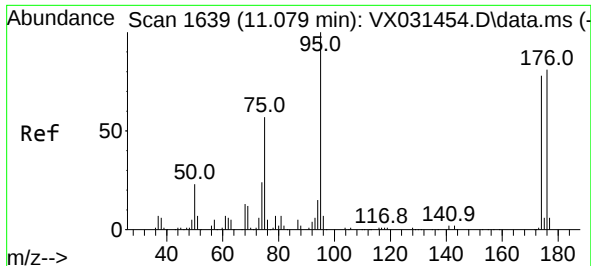
Tgt Ion: 92 Resp: 2808713

Ion Ratio Lower Upper

92 100

91 162.5 137.1 205.7





#62

4-Bromofluorobenzene

Concen: 80.523 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031601.D

Acq: 23 Sep 2022 04:31

Instrument :

MSVOA_X

ClientSampleId :

SB-2

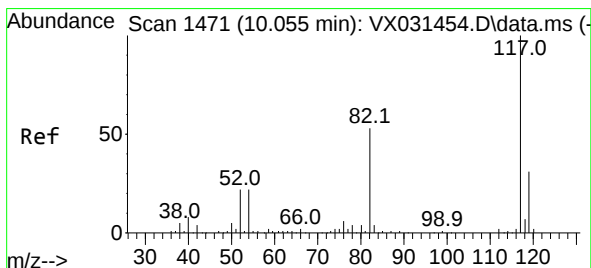
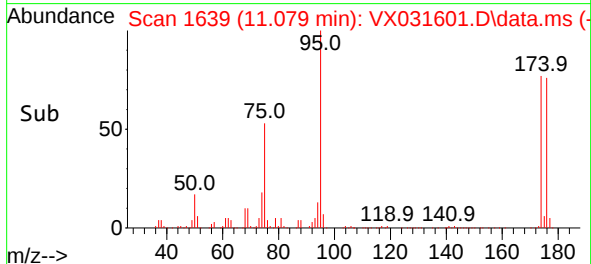
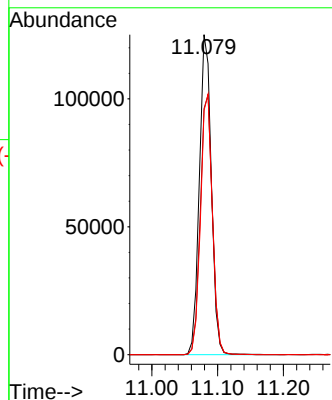
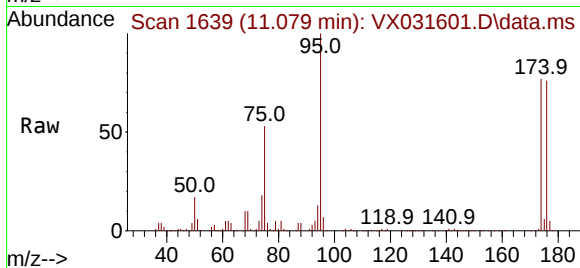
Tgt Ion: 95 Resp: 157425

Ion Ratio Lower Upper

95 100

174 82.4 0.0 153.2

176 80.9 0.0 144.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX031601.D

Acq: 23 Sep 2022 04:31

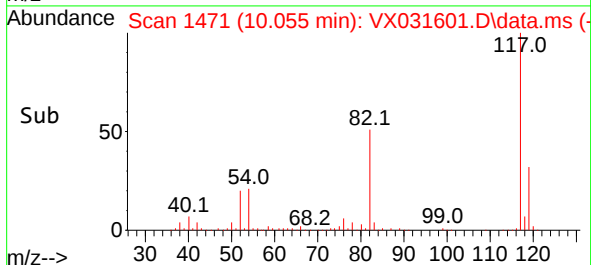
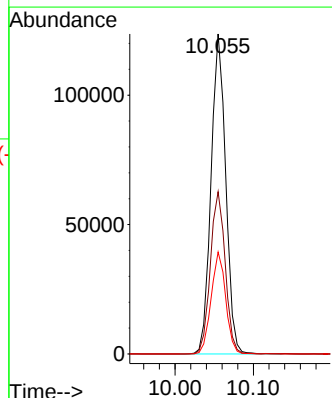
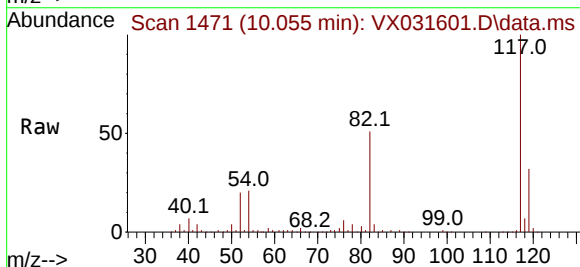
Tgt Ion: 117 Resp: 160362

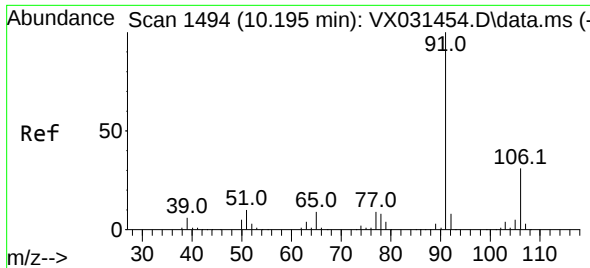
Ion Ratio Lower Upper

117 100

82 50.7 46.8 70.2

119 31.8 26.4 39.6

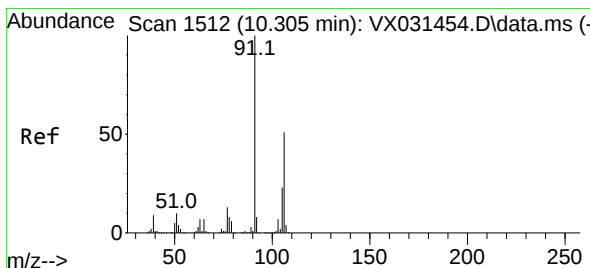
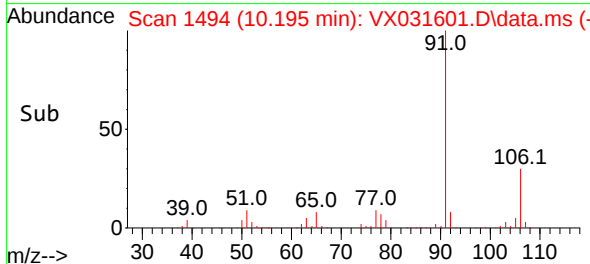
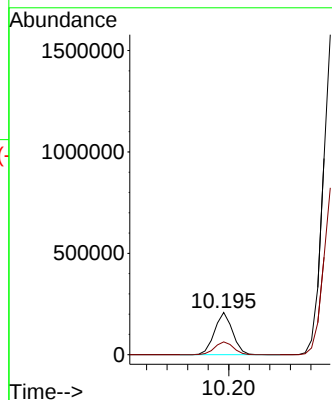
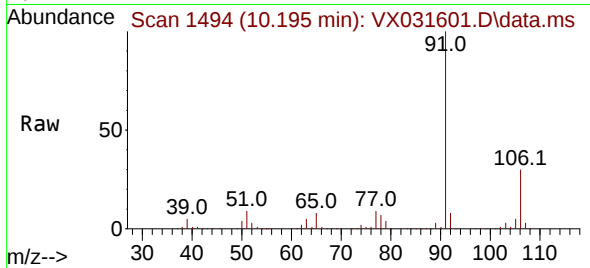




#67
Ethyl Benzene
Concen: 29.056 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031601.D
Acq: 23 Sep 2022 04:31

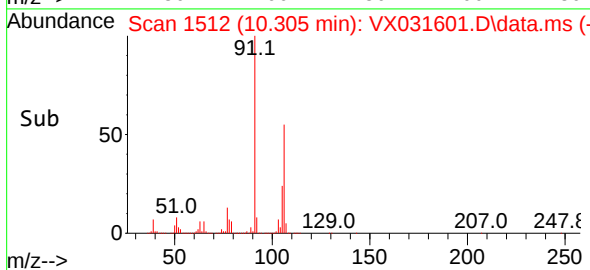
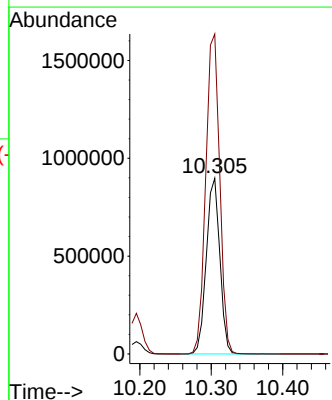
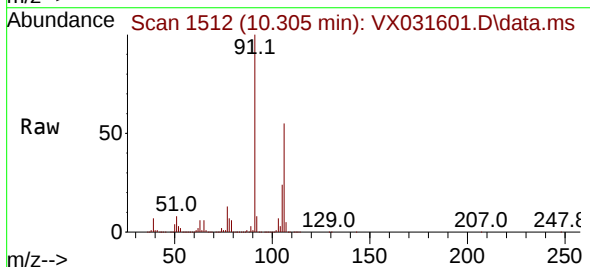
Instrument :
MSVOA_X
ClientSampleId :
SB-2

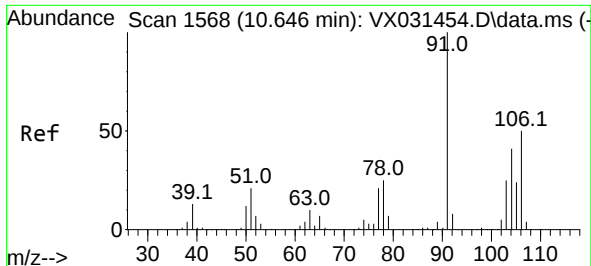
Tgt Ion: 91 Resp: 253698
Ion Ratio Lower Upper
91 100
106 30.5 25.2 37.8



#68
m/p-Xylenes
Concen: 335.660 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX031601.D
Acq: 23 Sep 2022 04:31

Tgt Ion:106 Resp: 1177790
Ion Ratio Lower Upper
106 100
91 188.5 161.0 241.4

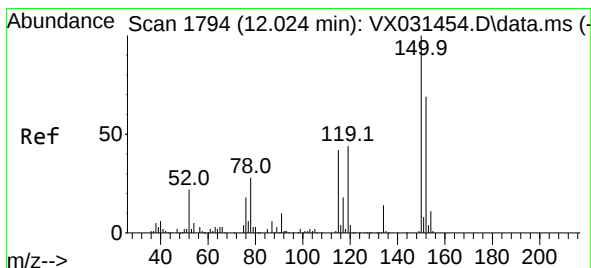
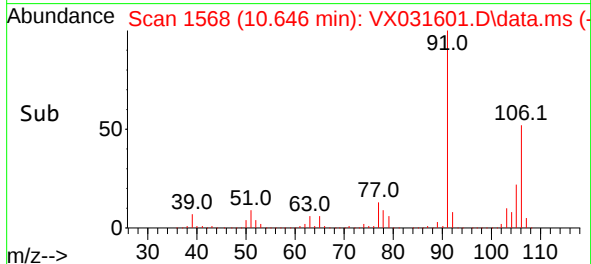
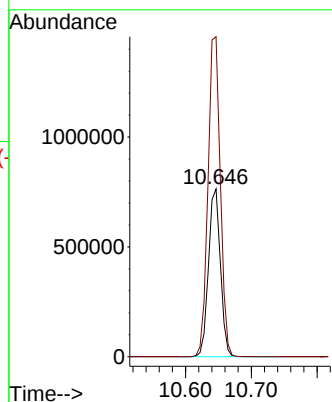
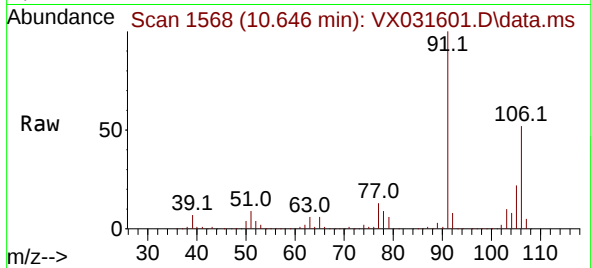




#69
o-Xylene
Concen: 287.280 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX031601.D
Acq: 23 Sep 2022 04:31

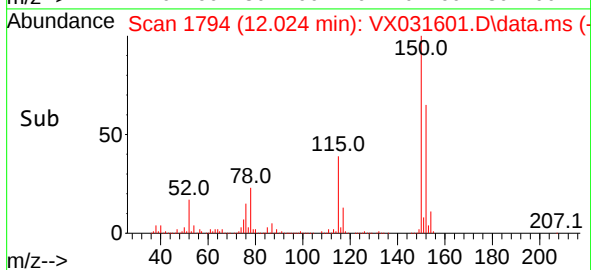
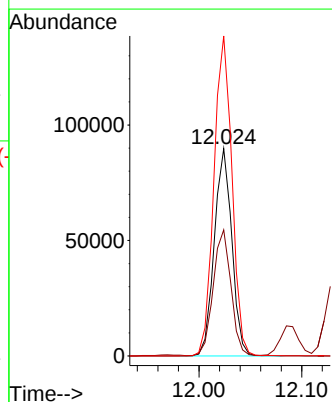
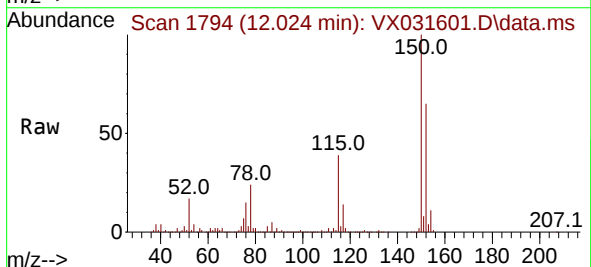
Instrument :
MSVOA_X
ClientSampleId :
SB-2

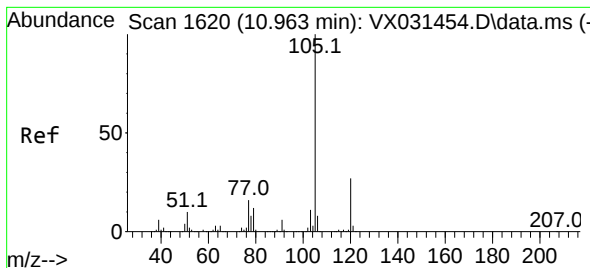
Tgt Ion:106 Resp: 962155
Ion Ratio Lower Upper
106 100
91 198.1 107.2 321.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031601.D
Acq: 23 Sep 2022 04:31

Tgt Ion:152 Resp: 106205
Ion Ratio Lower Upper
152 100
115 61.0 43.4 130.1
150 158.5 0.0 346.8





#73

Isopropylbenzene

Concen: 1.698 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX031601.D

Acq: 23 Sep 2022 04:31

Instrument :

MSVOA_X

ClientSampleId :

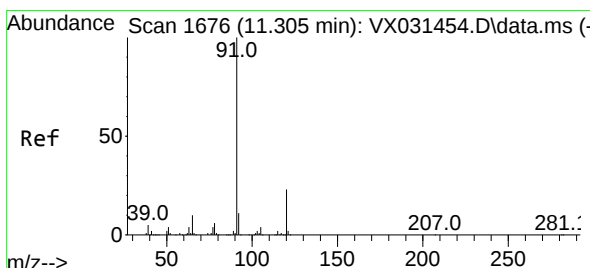
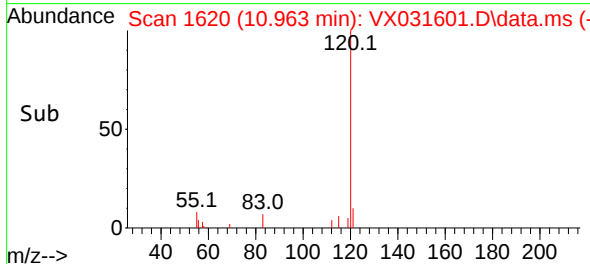
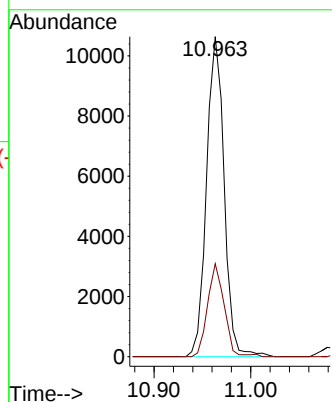
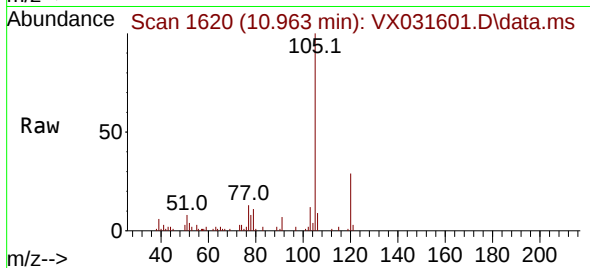
SB-2

Tgt Ion:105 Resp: 13470

Ion Ratio Lower Upper

105 100

120 27.5 13.7 41.0



#78

n-propylbenzene

Concen: 3.140 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX031601.D

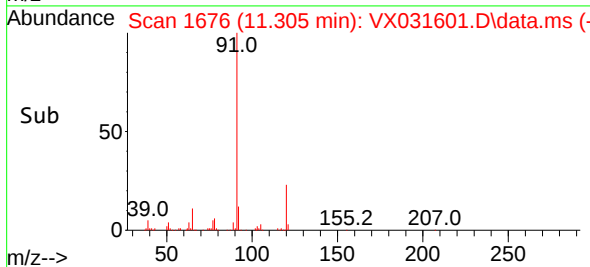
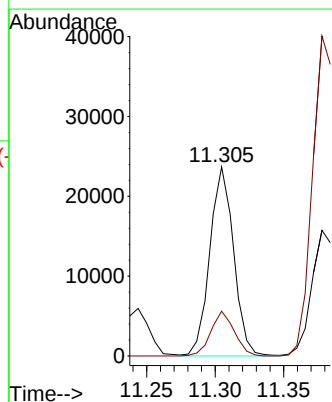
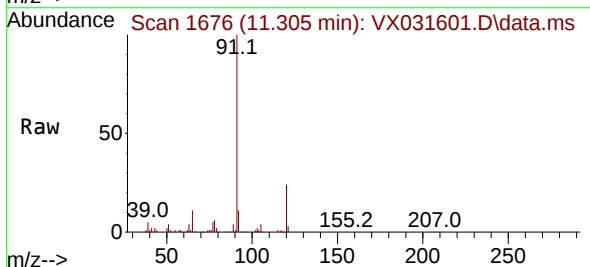
Acq: 23 Sep 2022 04:31

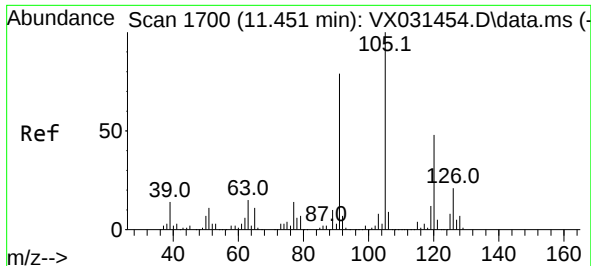
Tgt Ion: 91 Resp: 28652

Ion Ratio Lower Upper

91 100

120 23.2 11.8 35.4

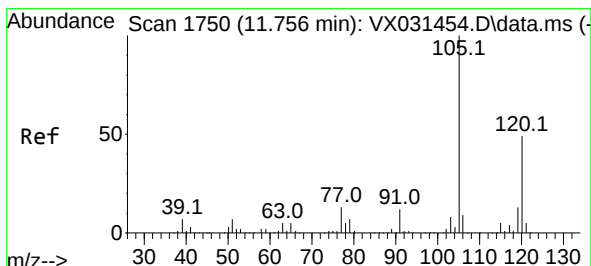
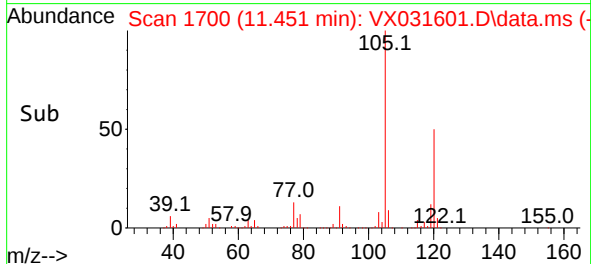
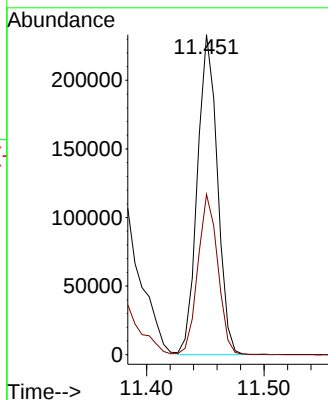
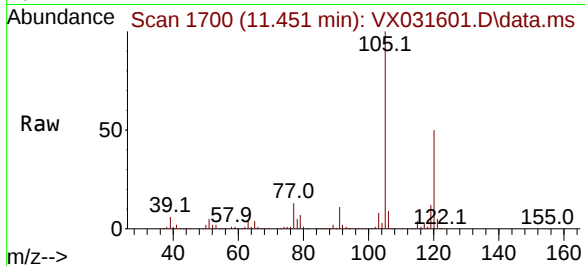




#80
1,3,5-Trimethylbenzene
Concen: 40.885 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031601.D
Acq: 23 Sep 2022 04:31

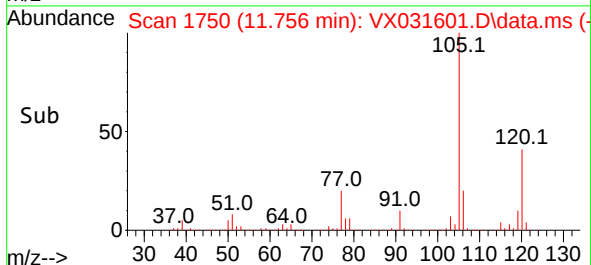
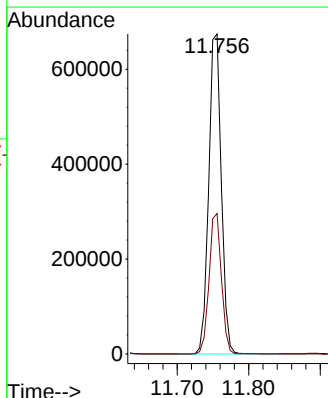
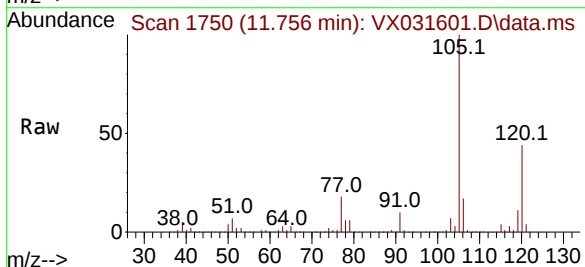
Instrument :
MSVOA_X
ClientSampleId :
SB-2

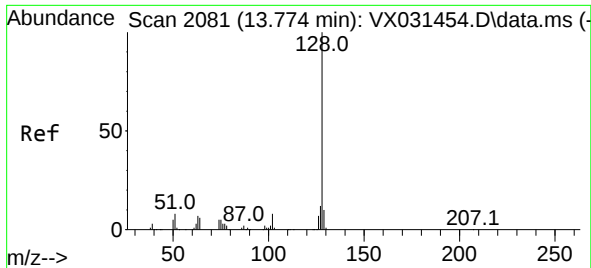
Tgt Ion:105 Resp: 275183
Ion Ratio Lower Upper
105 100
120 50.0 24.5 73.5



#84
1,2,4-Trimethylbenzene
Concen: 124.066 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX031601.D
Acq: 23 Sep 2022 04:31

Tgt Ion:105 Resp: 822383
Ion Ratio Lower Upper
105 100
120 43.2 22.6 67.8





#95

Naphthalene

Concen: 2112.416 ug/l

RT: 13.786 min Scan# 20

Delta R.T. 0.012 min

Lab File: VX031601.D

Acq: 23 Sep 2022 04:31

Instrument :

MSVOA_X

ClientSampleId :

SB-2

Tgt Ion:128 Resp:16083174

Ion Ratio Lower Upper

128 100

127 25.9 10.4 15.6#

129 23.1 8.8 13.2#

