

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052419\
 Data File : VX009898.D
 Acq On : 24 May 2019 19:41
 Operator : JC/SP
 Sample : K3023-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SSSI-0523-S-TCLP-11

Quant Time: May 25 01:47:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	170179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	276919	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	251973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111228	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	119403	51.40	ug/l	0.00
Spiked Amount			Recovery	=	102.80%	
35) Dibromofluoromethane	5.50	113	85016	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	
50) Toluene-d8	8.71	98	355400	50.57	ug/l	0.00
Spiked Amount			Recovery	=	101.14%	
62) 4-Bromofluorobenzene	11.13	95	121707	47.66	ug/l	0.00
Spiked Amount			Recovery	=	95.32%	

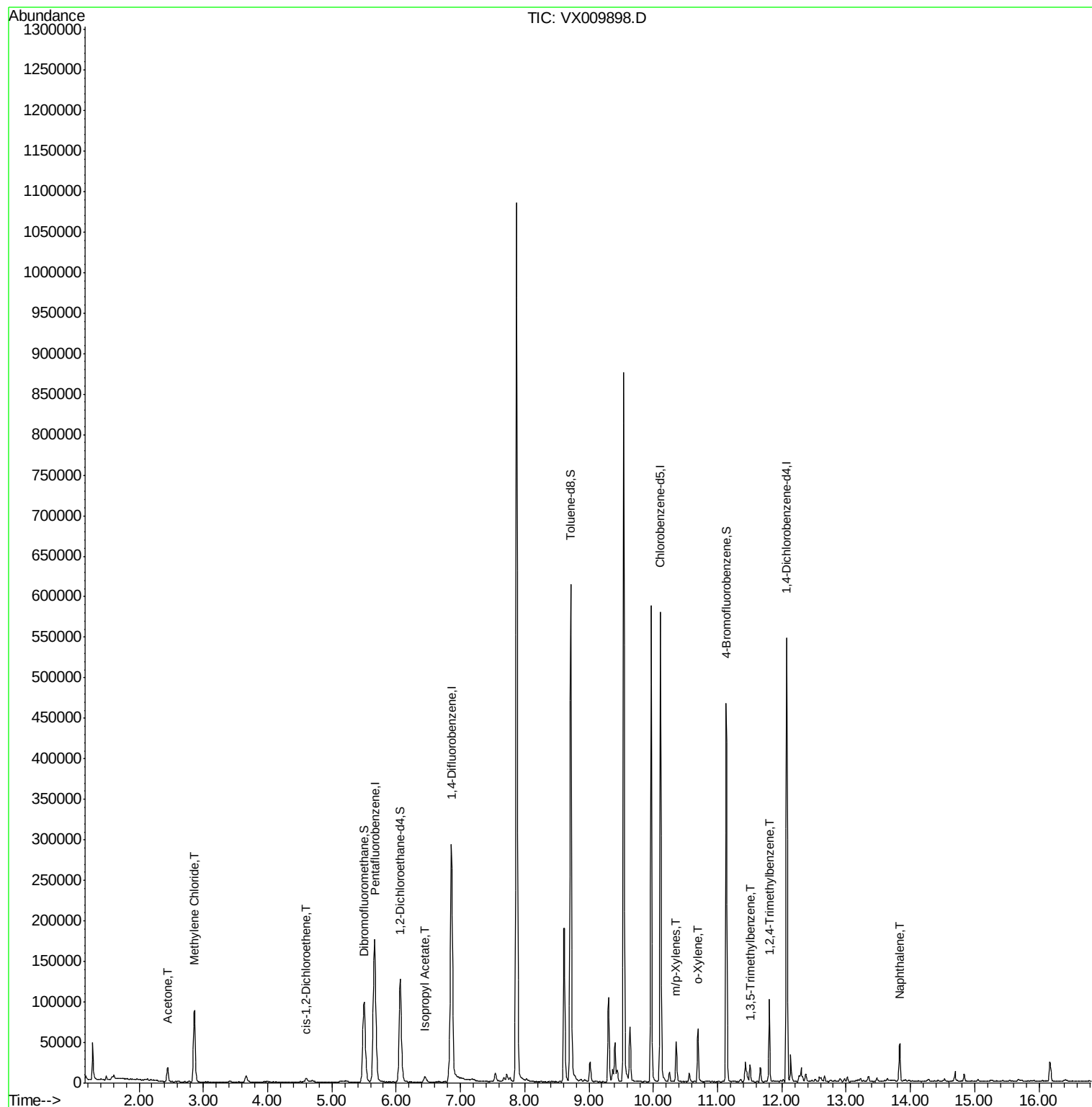
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	19747	15.830	ug/l	100
20) Methylene Chloride	2.86	84	39381	19.498	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	2485	1.202	ug/l	97
43) Isopropyl Acetate	6.45	43	10040	1.751	ug/l	97
68) m/p-Xylenes	10.36	106	11149	3.289	ug/l	97
69) o-Xylene	10.70	106	5151	1.540	ug/l	89
80) 1,3,5-Trimethylbenzene	11.51	105	8280	1.216	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	42920	6.279	ug/l	99
95) Naphthalene	13.83	128	28084	3.463	ug/l	97

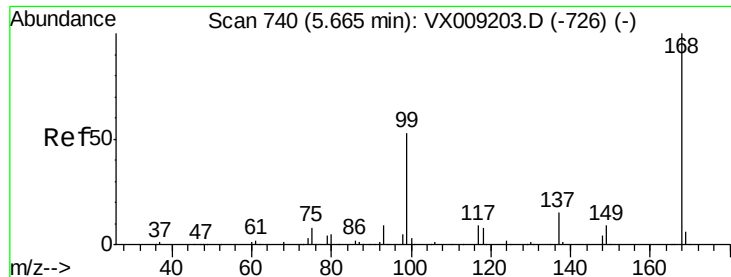
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052419\
Data File : VX009898.D
Acq On : 24 May 2019 19:41
Operator : JC/SP
Sample : K3023-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SSSI-0523-S-TCLP-11

Quant Time: May 25 01:47:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

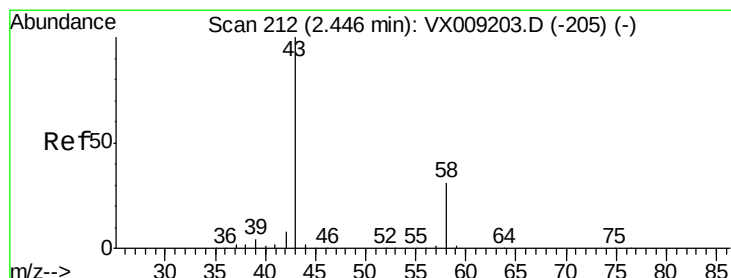
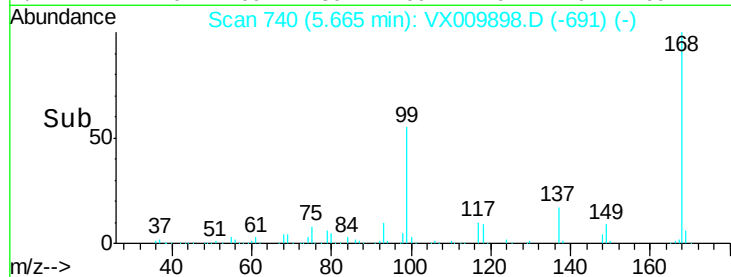
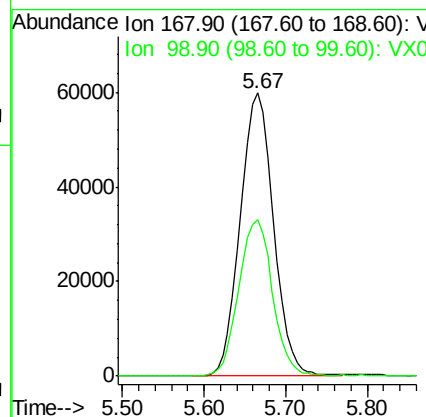
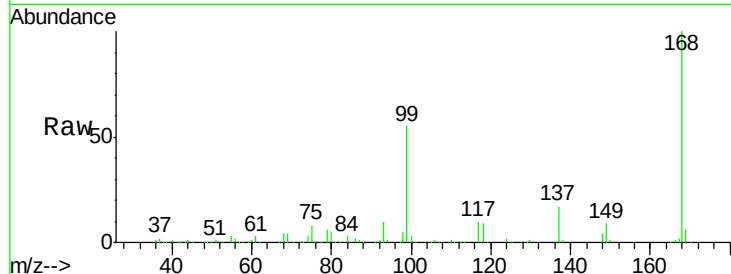




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX009898.D
Acq: 24 May 2019 19:41

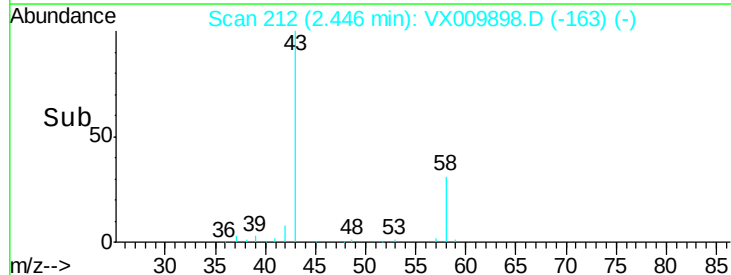
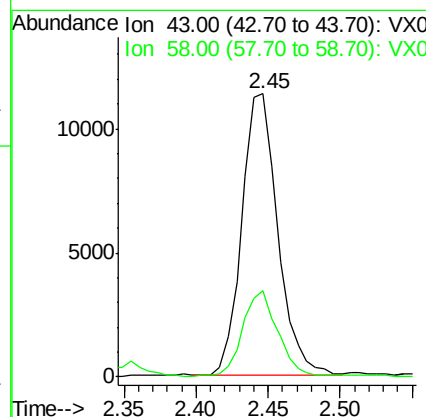
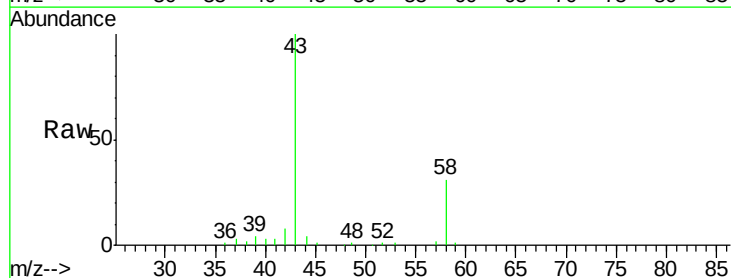
Instrument :
MSVOA_X
ClientSampleId :
SSSI-0523-S-TCLP-11

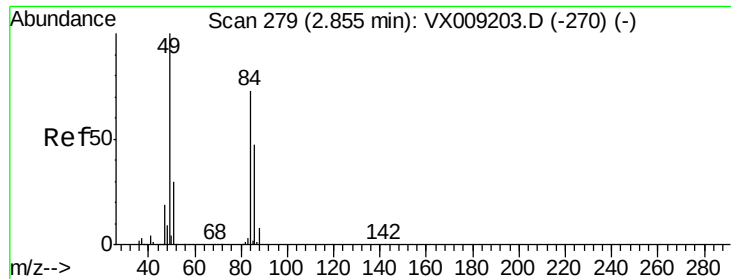
Tot Ion:168 Resp: 170179
Ion Ratio Lower Upper
168 100
99 55.3 42.3 63.5



#16
Acetone
Concen: 15.830 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX009898.D
Acq: 24 May 2019 19:41

Tgt Ion: 43 Resp: 19747
Ion Ratio Lower Upper
43 100
58 30.8 24.9 37.3

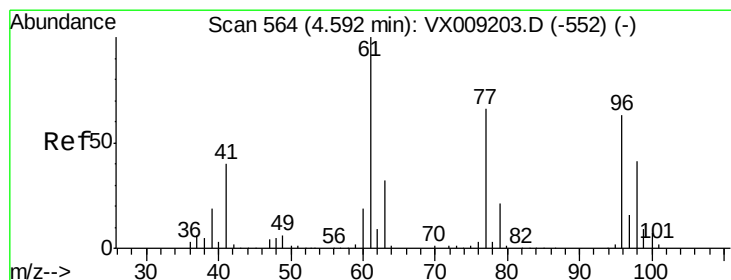
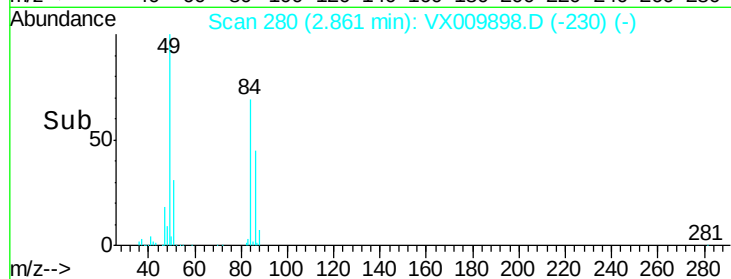
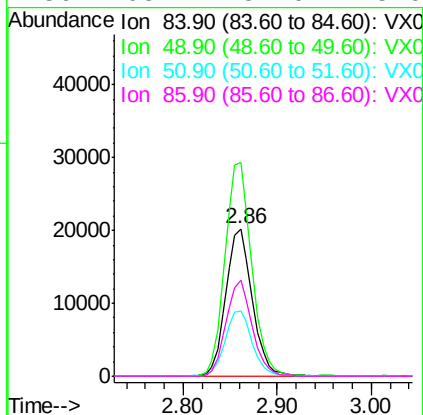
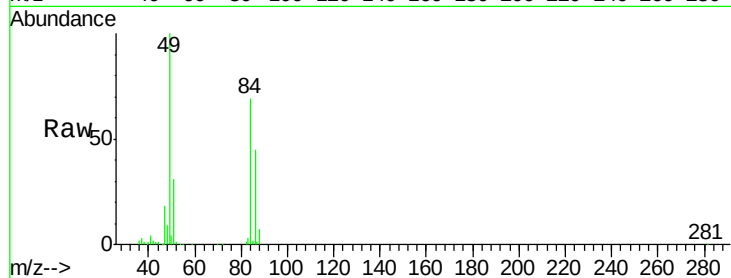




#20
Methylene Chloride
Concen: 19.498 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX009898.D
Acq: 24 May 2019 19:41

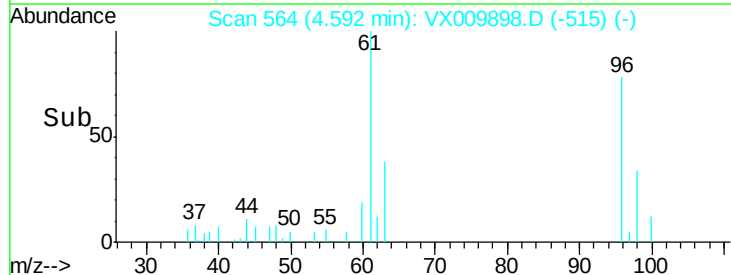
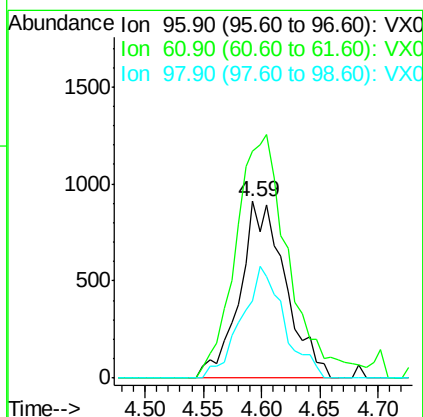
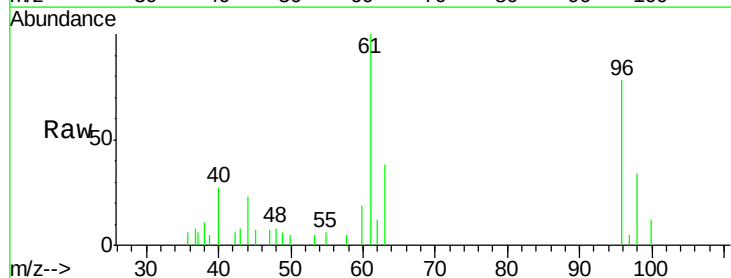
Instrument :
MSVOA_X
ClientSampleId :
SSSI-0523-S-TCLP-11

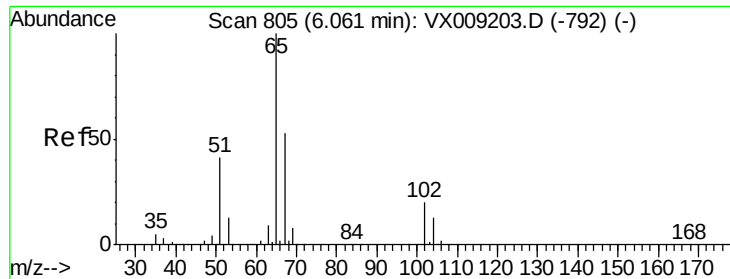
Tot Ion: 84 Resp: 39381
Ion Ratio Lower Upper
84 100
49 144.7 109.9 164.9
51 44.1 32.7 49.1
86 65.2 52.0 78.0



#27
cis-1,2-Dichloroethene
Concen: 1.202 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX009898.D
Acq: 24 May 2019 19:41

Tgt Ion: 96 Resp: 2485
Ion Ratio Lower Upper
96 100
61 159.9 0.0 324.0
98 59.0 0.0 130.4

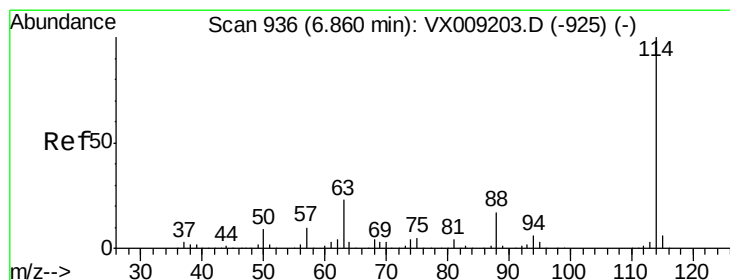
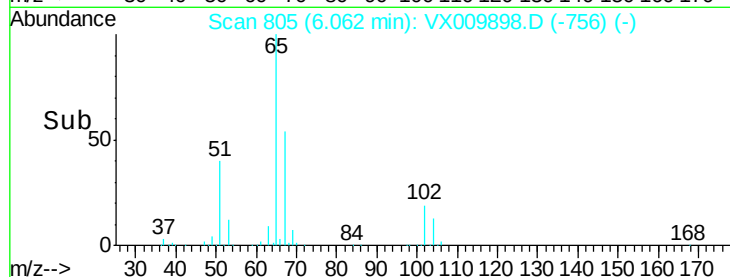
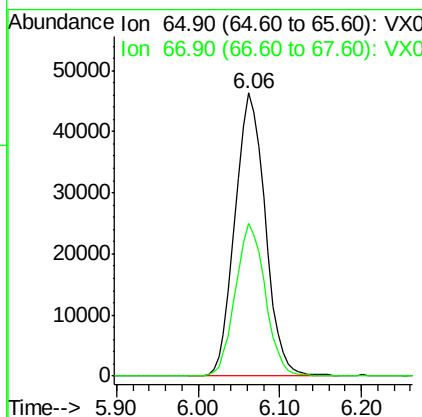
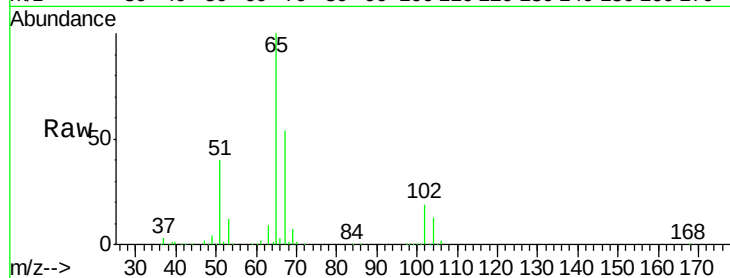




#33
 1,2-Dichloroethane-d4
 Concen: 51.397 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009898.D
 Acq: 24 May 2019 19:41

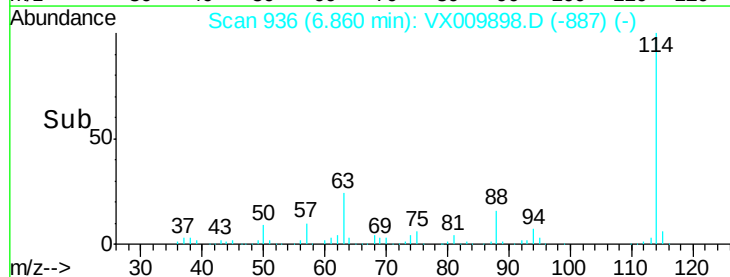
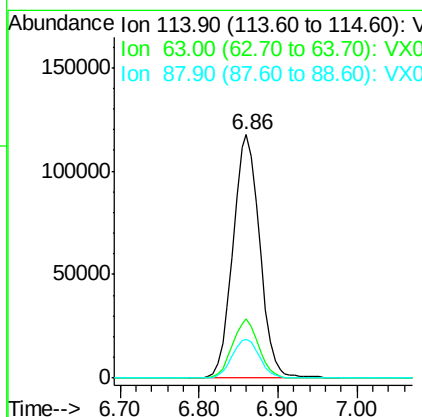
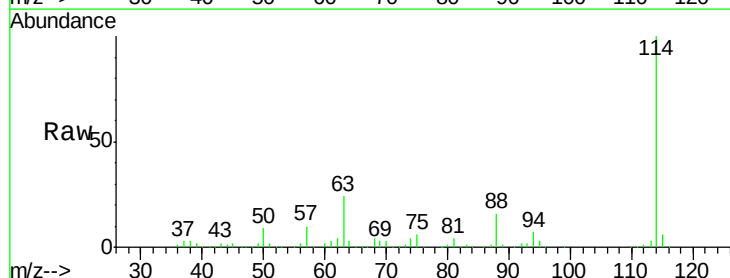
Instrument :
 MSVOA_X
 ClientSampleId :
 SSSI-0523-S-TCLP-11

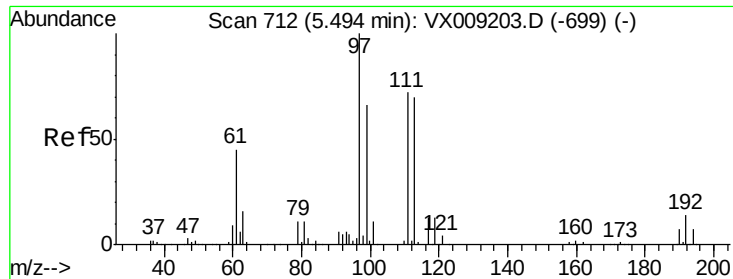
Tot Ion: 65 Resp: 119403
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009898.D
 Acq: 24 May 2019 19:41

Tgt Ion: 114 Resp: 276919
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 45.6
 88 16.0 0.0 33.2

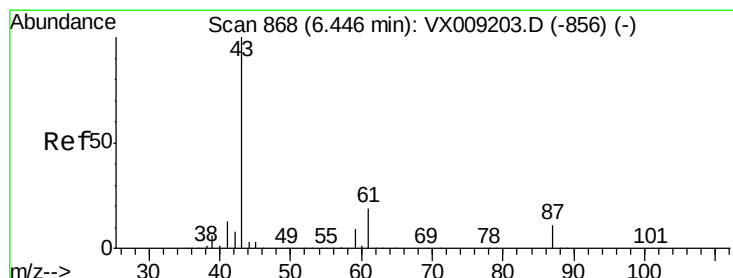
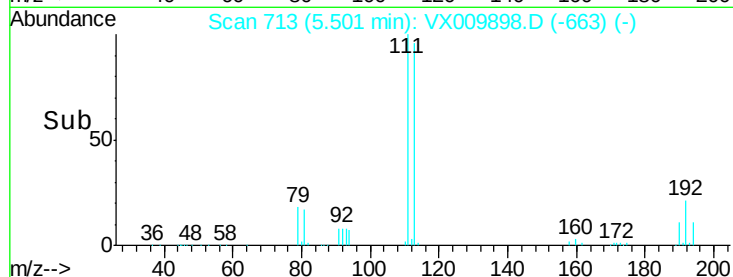
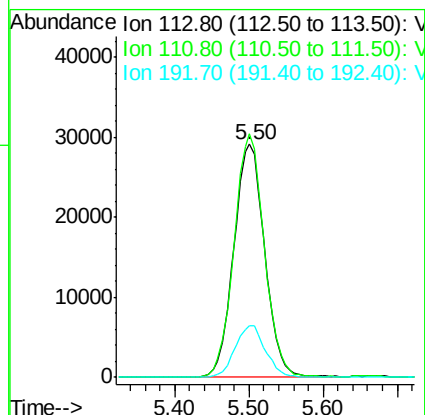
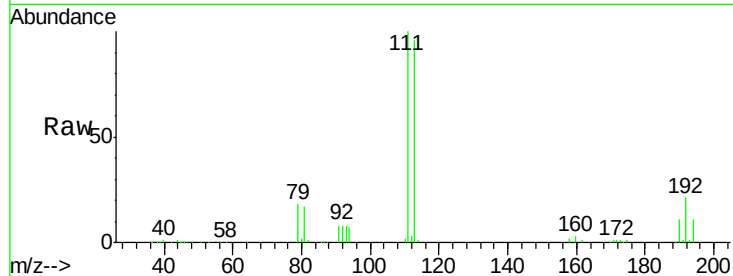




#35
 Dibromofluoromethane
 Concen: 48.837 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009898.D
 Acq: 24 May 2019 19:41

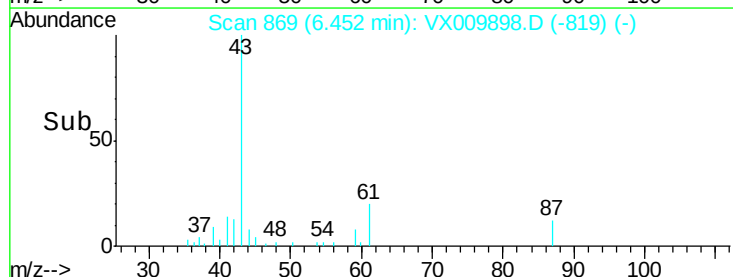
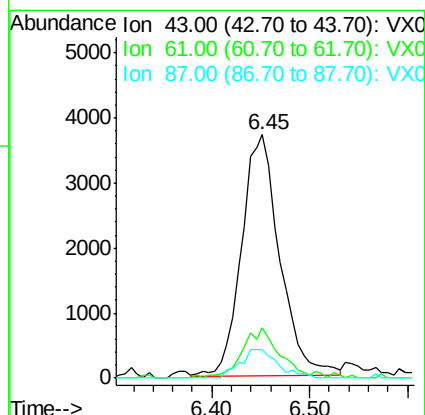
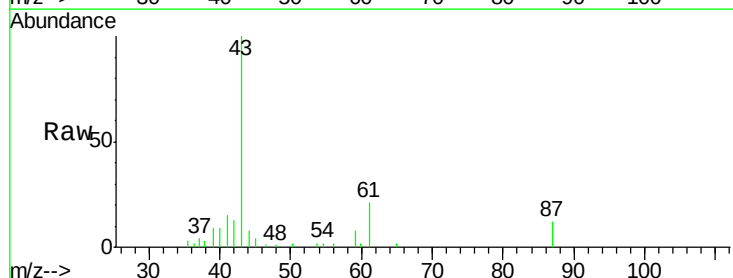
Instrument :
 MSVOA_X
 ClientSampleId :
 SSSI-0523-S-TCLP-11

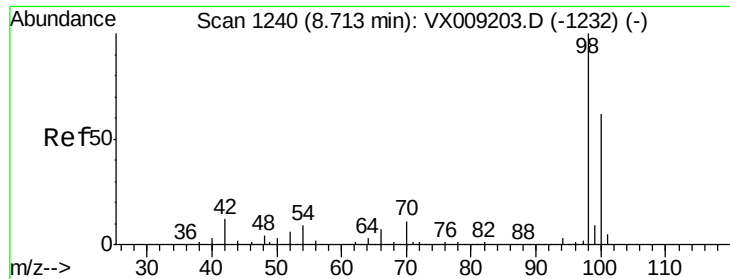
Tot Ion:113 Resp: 85016
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.8 124.2
 192 21.8 17.0 25.6



#43
 Isopropyl Acetate
 Concen: 1.751 ug/l
 RT: 6.45 min Scan# 869
 Delta R.T. 0.01 min
 Lab File: VX009898.D
 Acq: 24 May 2019 19:41

Tgt Ion: 43 Resp: 10040
 Ion Ratio Lower Upper
 43 100
 61 20.8 15.1 22.7
 87 11.9 9.0 13.6

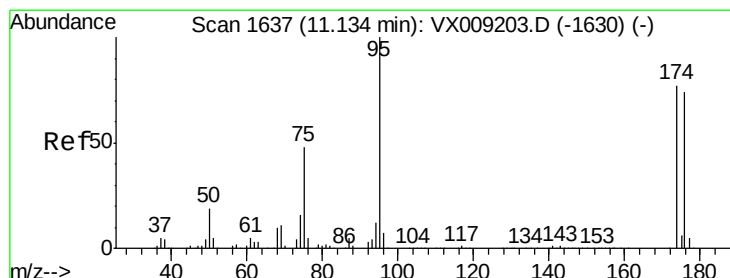
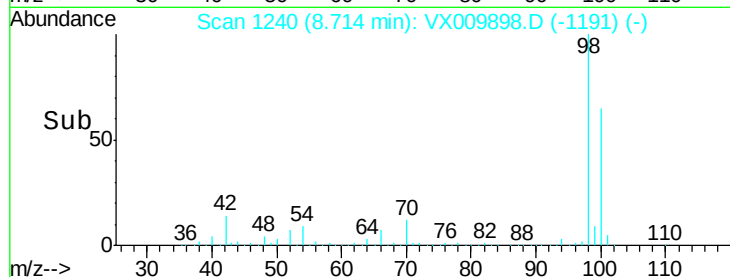
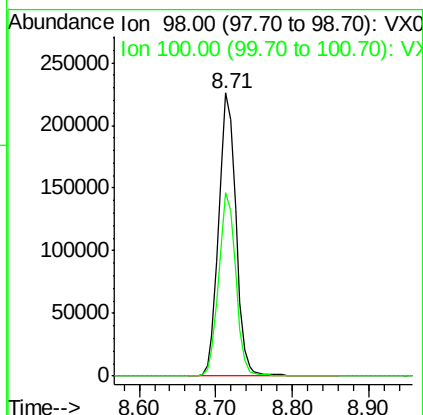
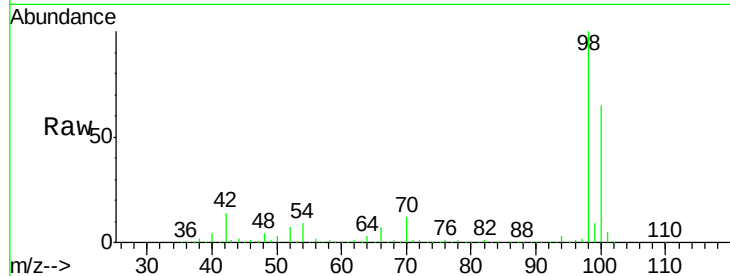




#50
Toluene-d8
Concen: 50.568 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009898.D
Acq: 24 May 2019 19:41

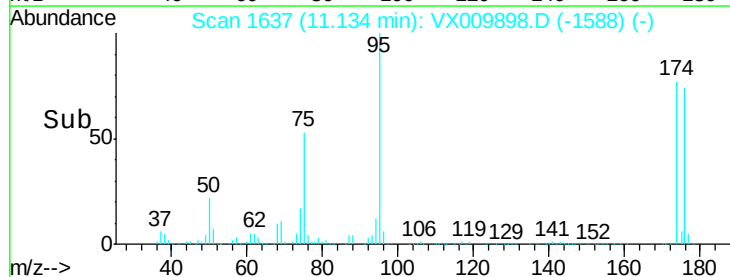
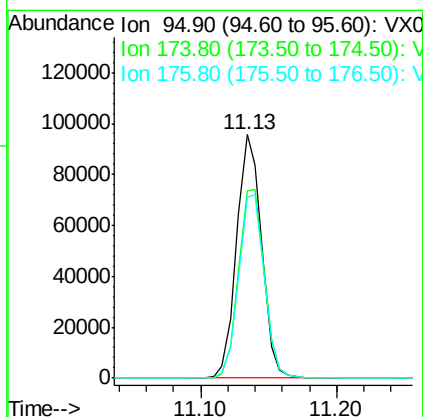
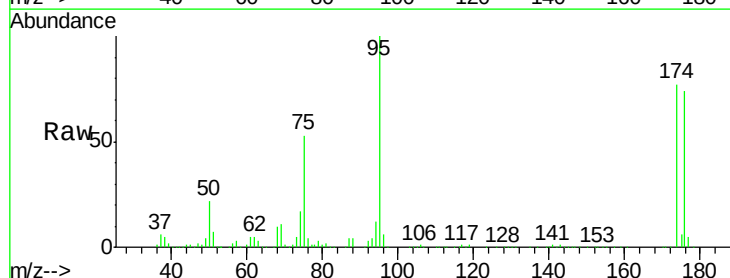
Instrument :
MSVOA_X
ClientSampleId :
SSSI-0523-S-TCLP-11

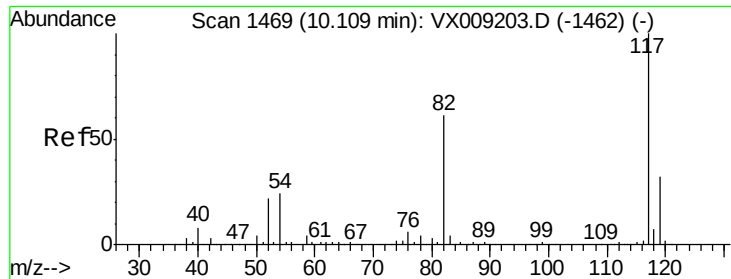
Tot Ion: 98 Resp: 355400
Ion Ratio Lower Upper
98 100
100 64.0 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 47.658 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009898.D
Acq: 24 May 2019 19:41

Tgt Ion: 95 Resp: 121707
Ion Ratio Lower Upper
95 100
174 80.9 0.0 161.6
176 77.7 0.0 159.2

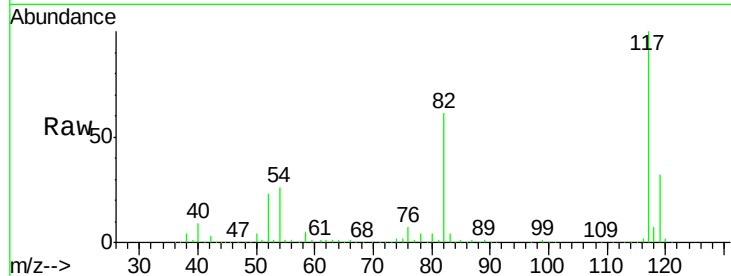




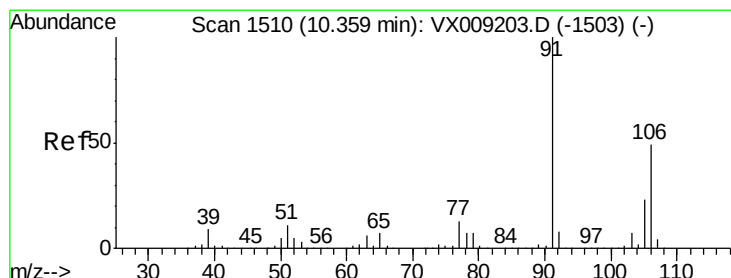
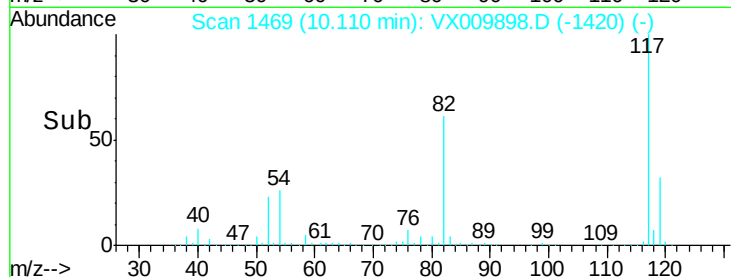
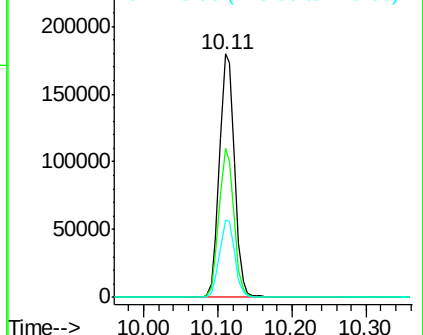
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009898.D
Acq: 24 May 2019 19:41

Instrument :
MSVOA_X
ClientSampleId :
SSSI-0523-S-TCLP-11

Tot Ion:117 Resp: 251973
Ion Ratio Lower Upper
117 100
82 61.0 48.8 73.2
119 31.9 25.8 38.6

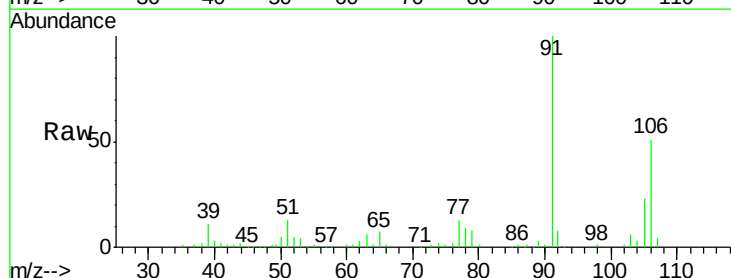


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

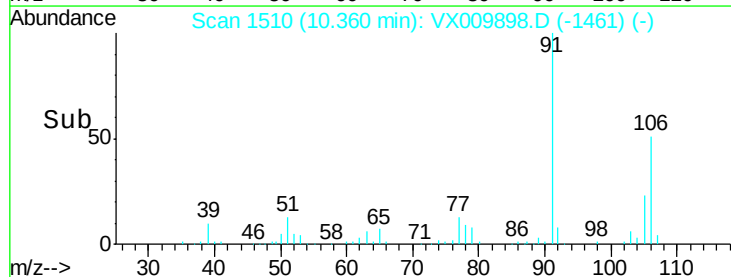
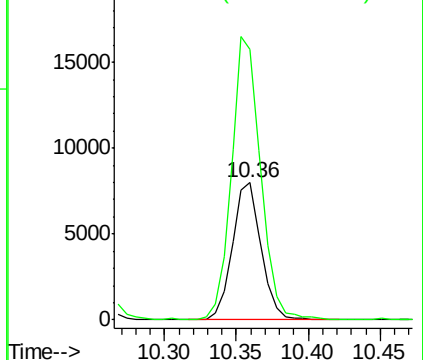


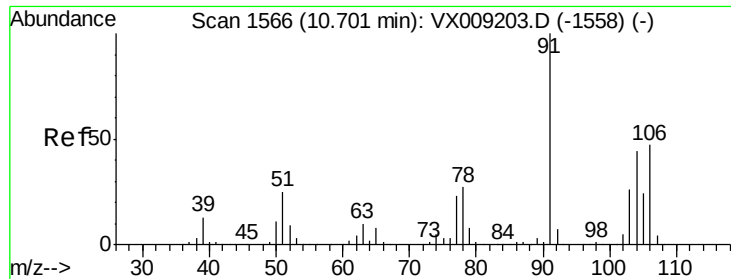
#68
m/p-Xylenes
Concen: 3.289 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009898.D
Acq: 24 May 2019 19:41

Tgt Ion:106 Resp: 11149
Ion Ratio Lower Upper
106 100
91 209.5 164.0 246.0



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

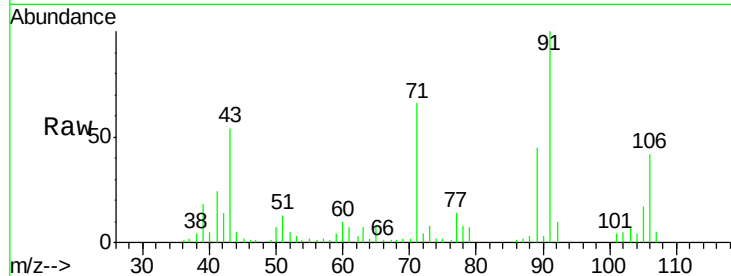




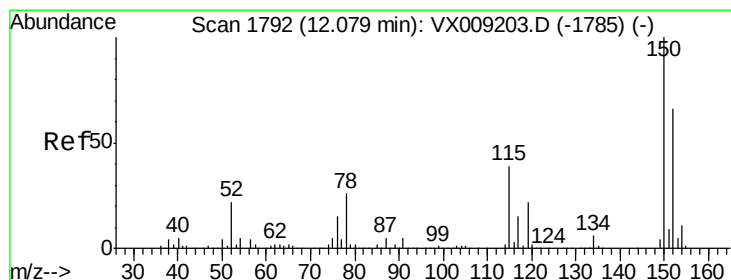
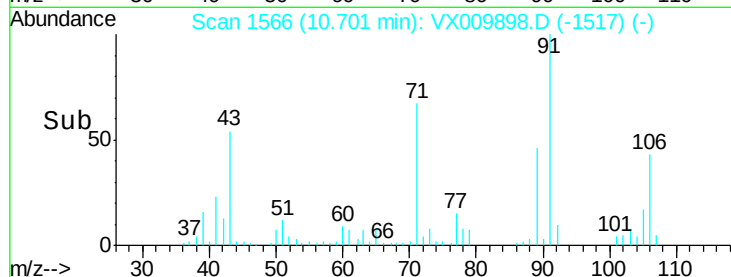
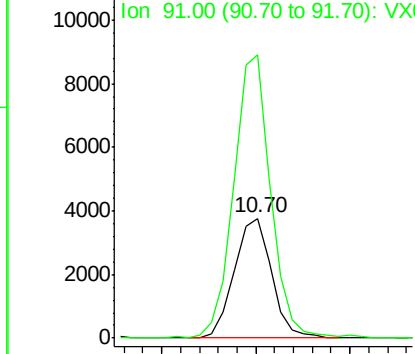
#69
o-Xylene
Concen: 1.540 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX009898.D
Acq: 24 May 2019 19:41

Instrument :
MSVOA_X
ClientSampleId :
SSSI-0523-S-TCLP-11

Tot Ion:106 Resp: 5151
Ion Ratio Lower Upper
106 100
91 235.9 109.5 328.4

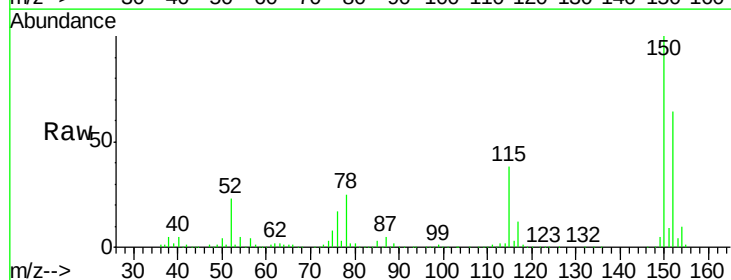


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

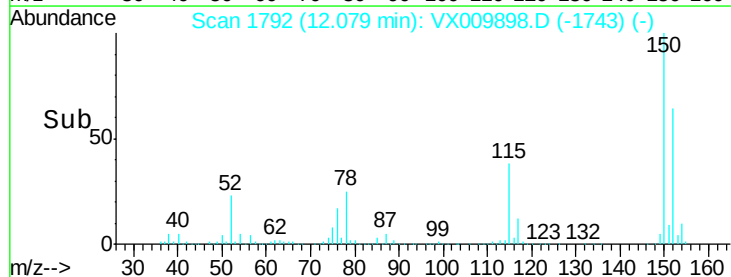
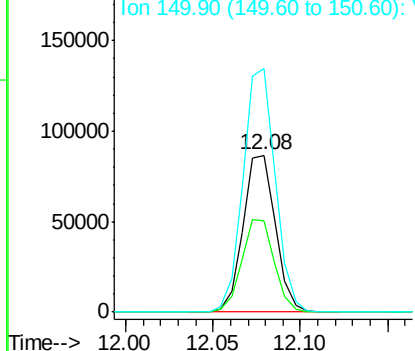


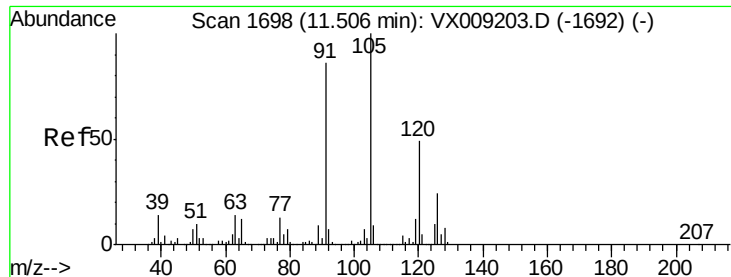
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009898.D
Acq: 24 May 2019 19:41

Tgt Ion:152 Resp: 111228
Ion Ratio Lower Upper
152 100
115 59.4 41.2 123.6
150 154.8 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

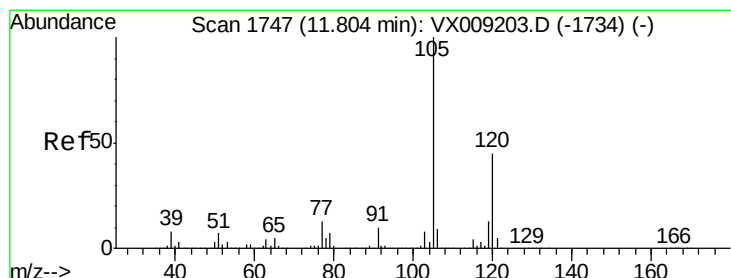
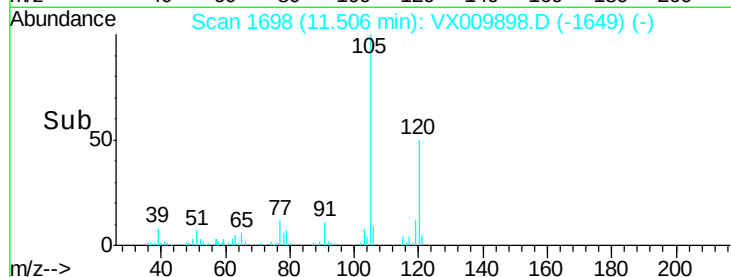
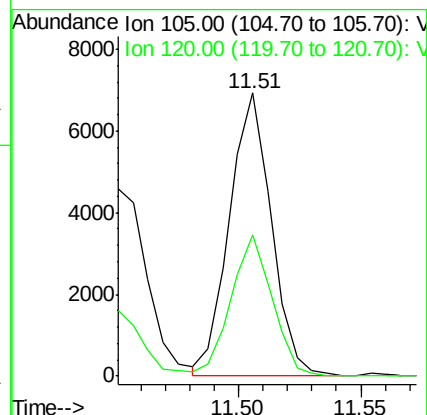
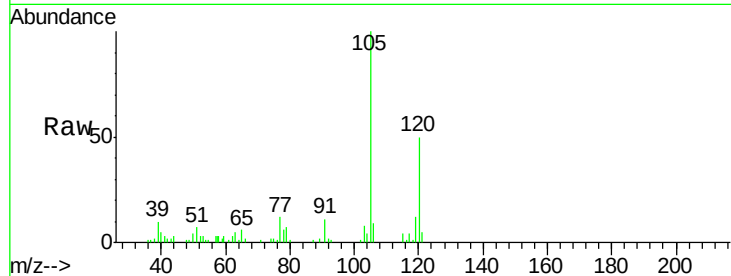




#80
 1,3,5-Trimethylbenzene
 Concen: 1.216 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009898.D
 Acq: 24 May 2019 19:41

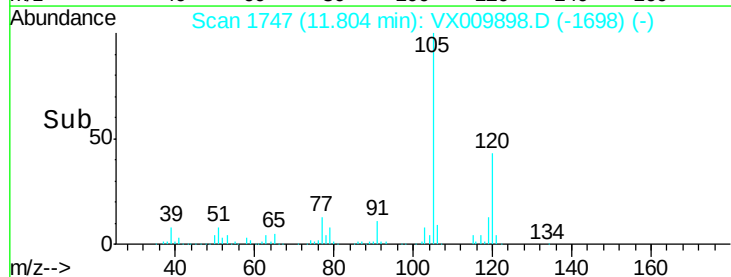
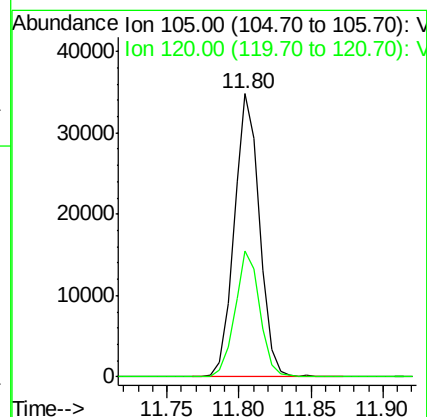
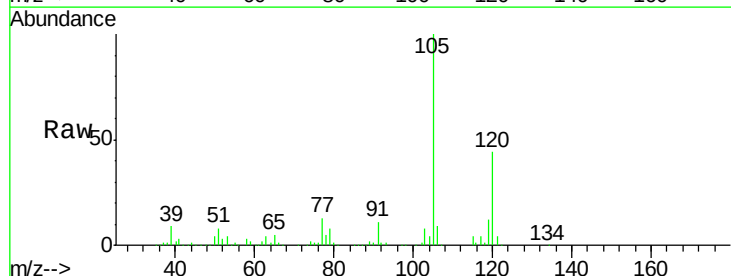
Instrument :
 MSVOA_X
 ClientSampleId :
 SSSI-0523-S-TCLP-11

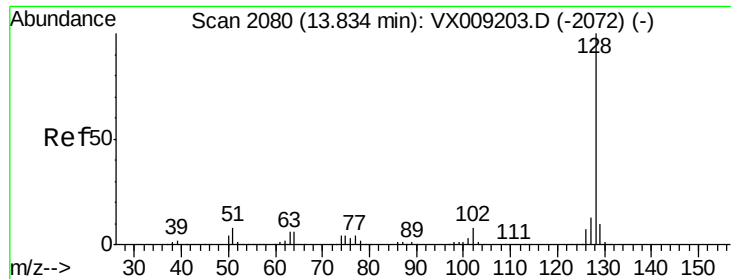
Tot Ion:105 Resp: 8280
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.3 72.9



#84
 1,2,4-Trimethylbenzene
 Concen: 6.279 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009898.D
 Acq: 24 May 2019 19:41

Tgt Ion:105 Resp: 42920
 Ion Ratio Lower Upper
 105 100
 120 43.4 22.0 66.0





#95

Naphthalene

Concen: 3.463 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX009898.D

Acq: 24 May 2019 19:41

Instrument :

MSVOA_X

ClientSampleId :

SSSI-0523-S-TCLP-11

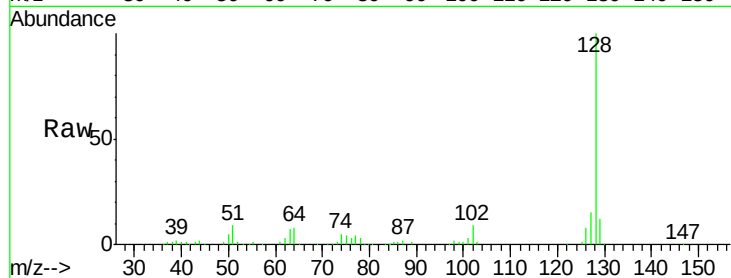
Tot Ion:128 Resp: 28084

Ion Ratio Lower Upper

128 100

127 13.8 10.4 15.6

129 12.2 8.6 13.0



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

