

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052819\
 Data File : VX009924.D
 Acq On : 28 May 2019 18:53
 Operator : JC/SP
 Sample : K3023-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: May 29 05:28:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

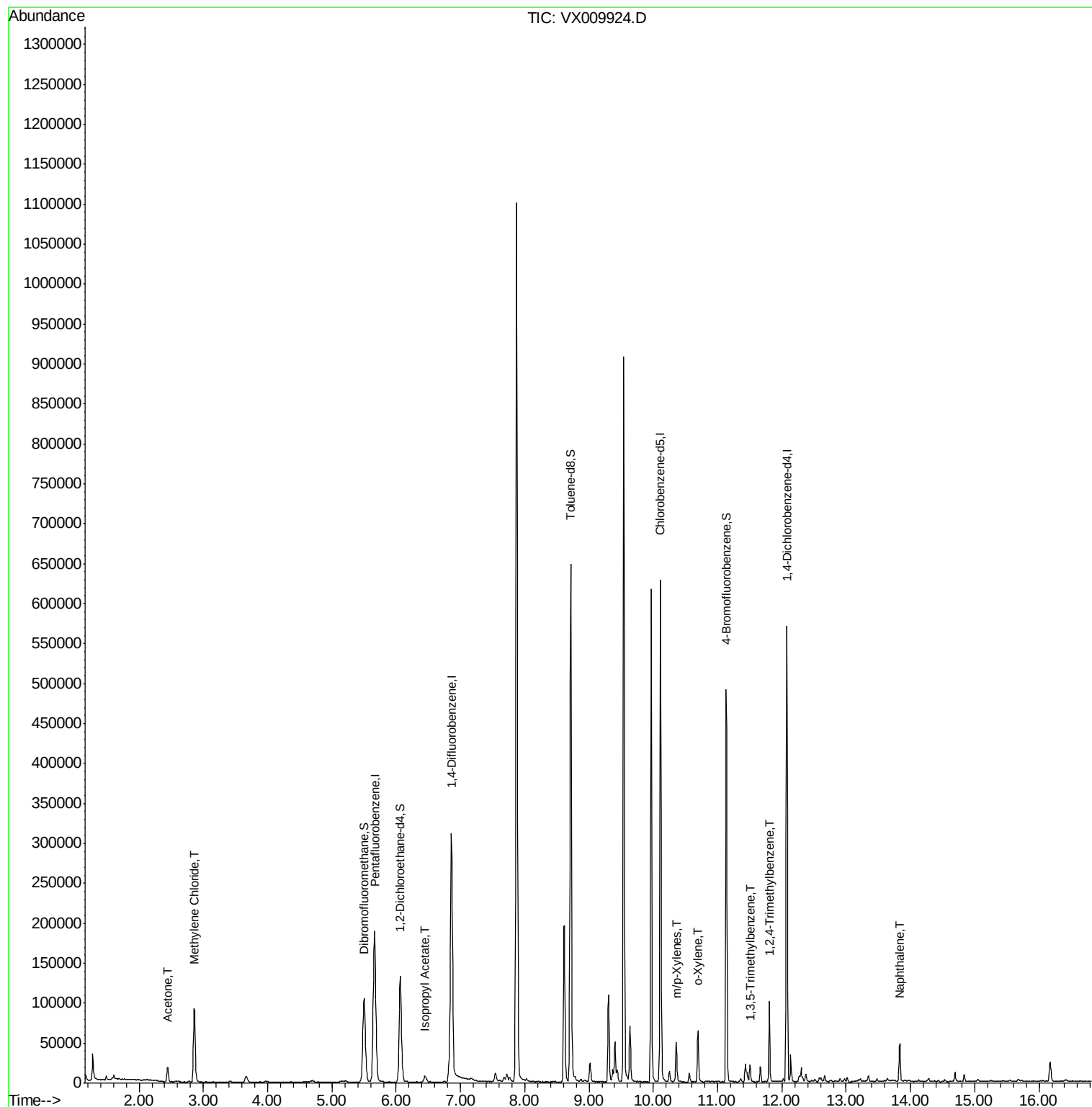
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	181436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	292829	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	263268	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116322	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	124646	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
35) Dibromofluoromethane	5.50	113	89060	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
50) Toluene-d8	8.71	98	373696	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	11.13	95	127273	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	20492	13.838	ug/l	93
20) Methylene Chloride	2.85	84	41465	18.285	ug/l	99
43) Isopropyl Acetate	6.45	43	11086	1.660	ug/l	97
68) m/p-Xylenes	10.36	106	11301	3.091	ug/l	98
69) o-Xylene	10.69	106	5570	1.589	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	8472	1.172	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	42015	5.722	ug/l	99
95) Naphthalene	13.83	128	29430	3.447	ug/l	100

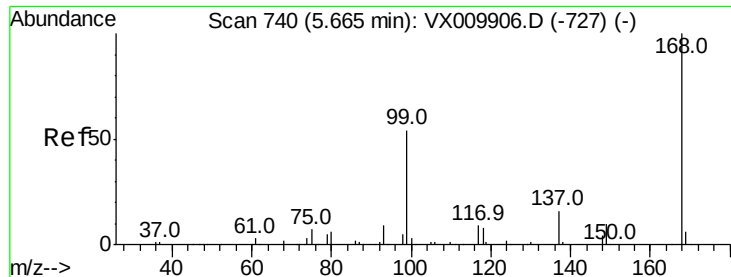
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009924.D

Acq: 28 May 2019 18:53

Instrument :

MSVOA_X

ClientSampleId :

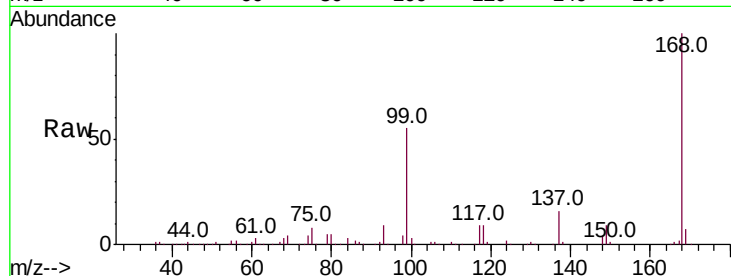
SSSI-0523-S-TCLP-11

Tot Ion:168 Resp: 181436

Ion Ratio Lower Upper

168 100

99 54.8 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

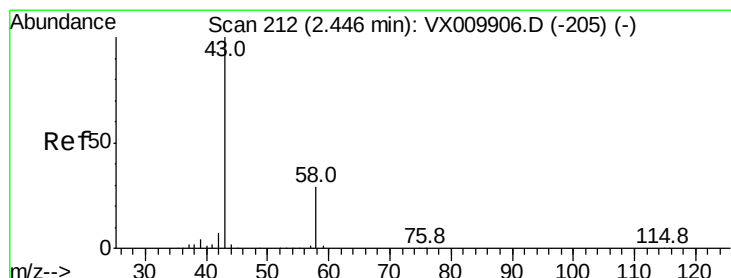
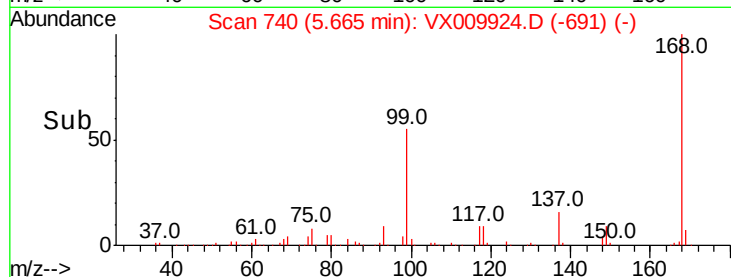
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 13.838 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009924.D

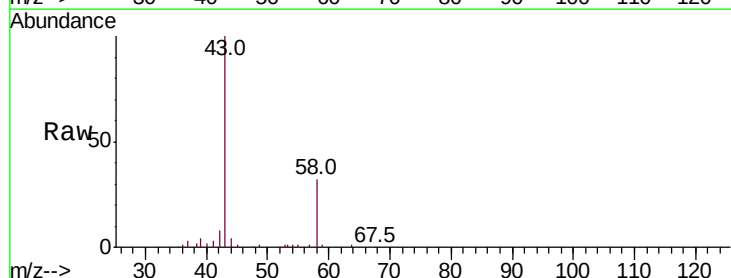
Acq: 28 May 2019 18:53

Tgt Ion: 43 Resp: 20492

Ion Ratio Lower Upper

43 100

58 32.5 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

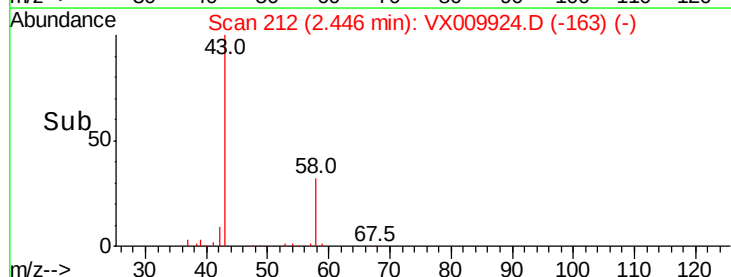
2.45

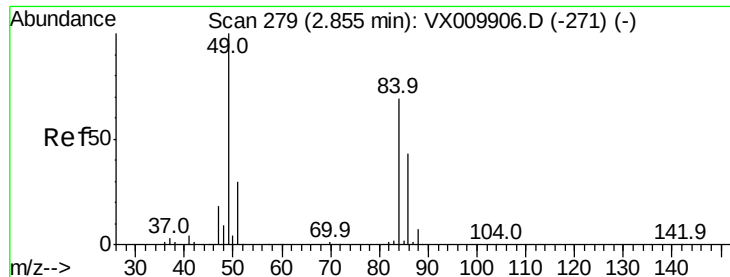
10000

5000

0

Time--> 2.35 2.40 2.45 2.50

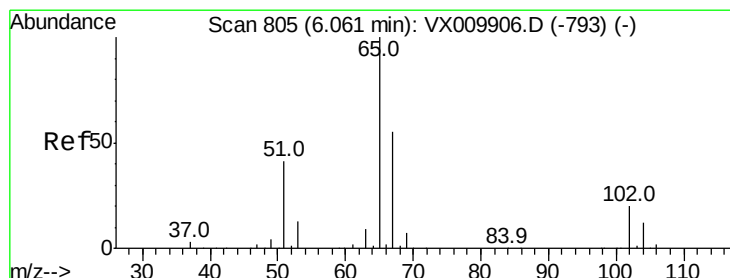
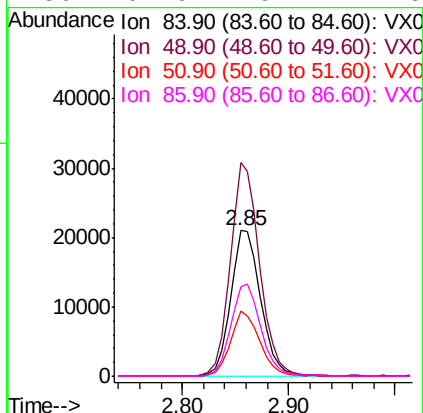
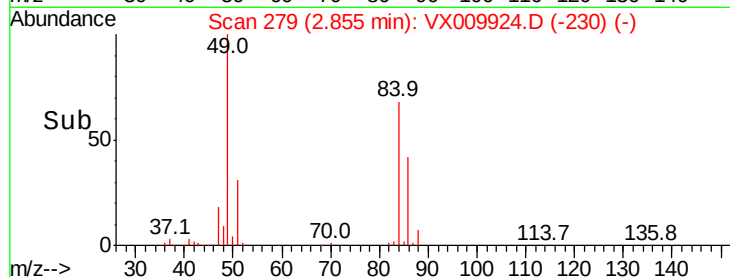
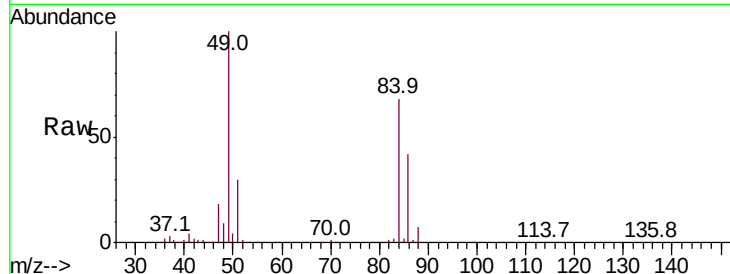




#20
Methylene Chloride
Concen: 18.285 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009924.D
Acq: 28 May 2019 18:53

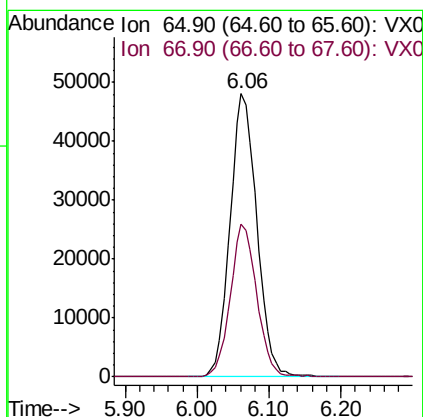
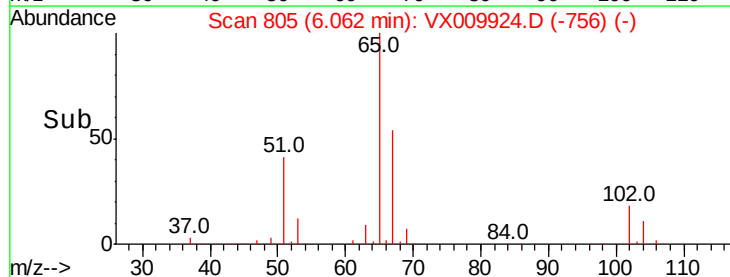
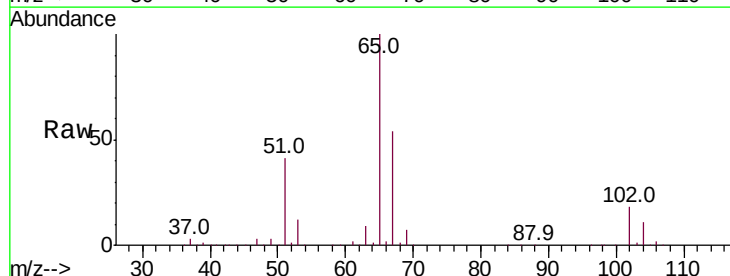
Instrument :
MSVOA_X
ClientSampleId :
SSSI-0523-S-TCLP-11

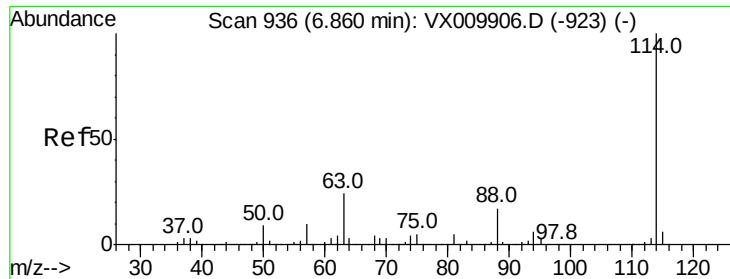
Tot Ion: 84 Resp: 41465
Ion Ratio Lower Upper
84 100
49 146.4 115.8 173.6
51 44.7 34.4 51.6
86 61.9 49.7 74.5



#33
1,2-Dichloroethane-d4
Concen: 48.634 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009924.D
Acq: 28 May 2019 18:53

Tgt Ion: 65 Resp: 124646
Ion Ratio Lower Upper
65 100
67 53.2 0.0 108.4

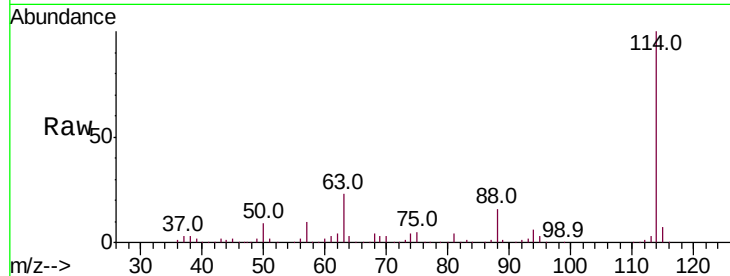




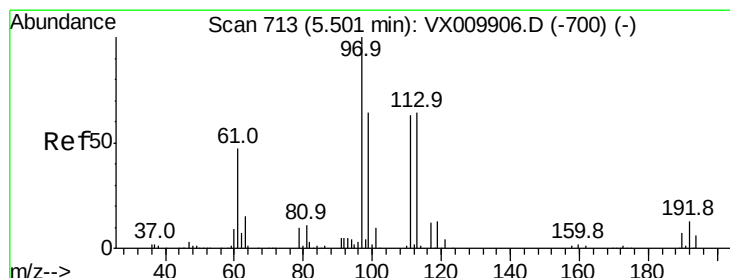
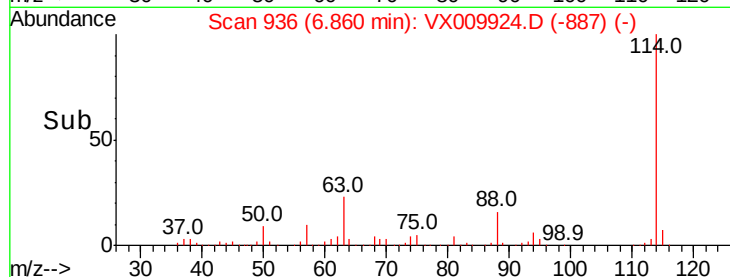
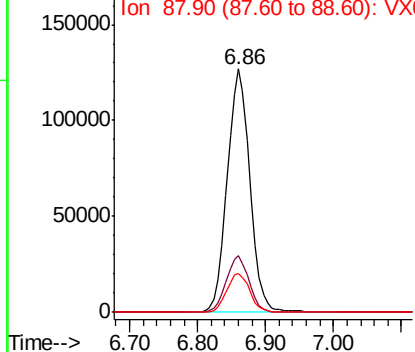
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009924.D
 Acq: 28 May 2019 18:53

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

Tot Ion:114 Resp: 292829
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 47.4
 88 16.2 0.0 33.0

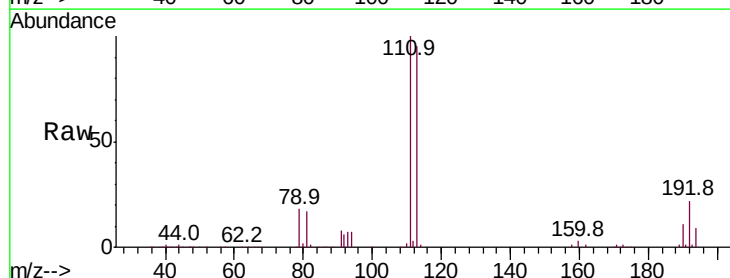


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

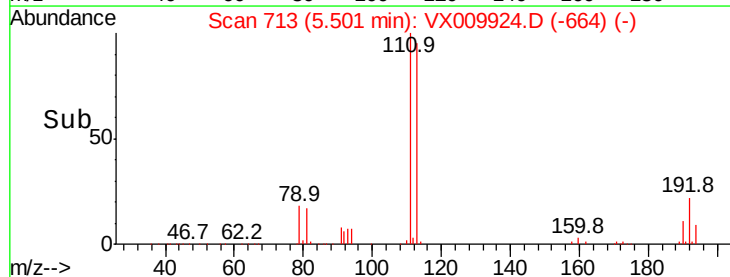
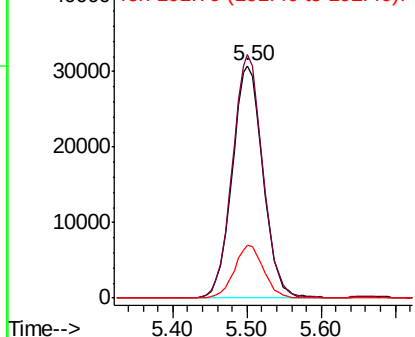


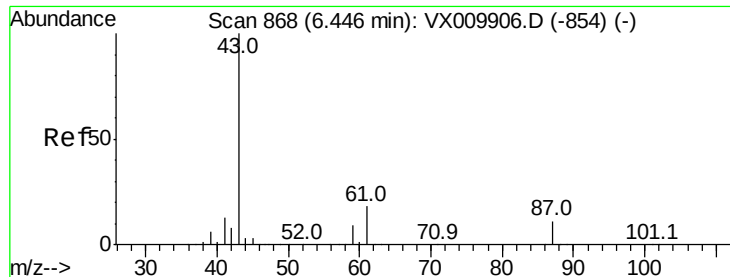
#35
 Dibromofluoromethane
 Concen: 48.375 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX009924.D
 Acq: 28 May 2019 18:53

Tgt Ion:113 Resp: 89060
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.2 123.2
 192 21.9 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.660 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009924.D

Acq: 28 May 2019 18:53

Instrument :

MSVOA_X

ClientSampleId :

SSSI-0523-S-TCLP-11

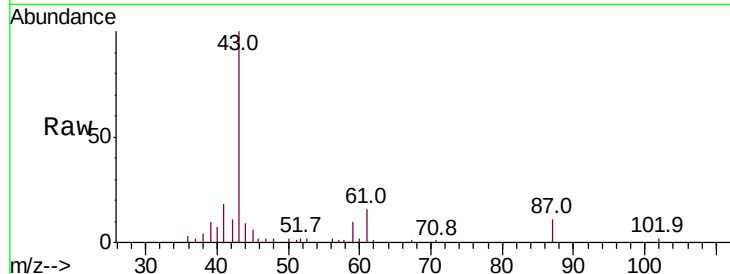
Tot Ion: 43 Resp: 11086

Ion Ratio Lower Upper

43 100

61 19.6 14.6 21.8

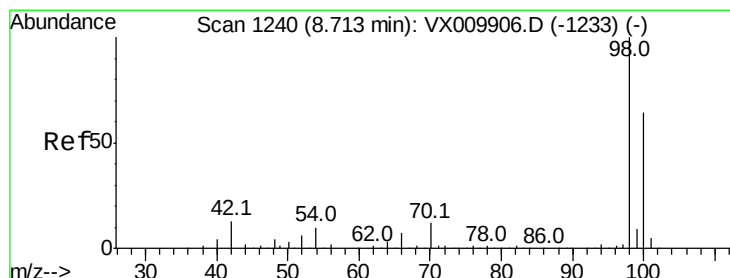
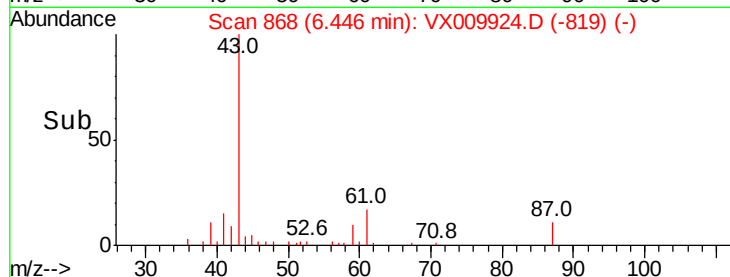
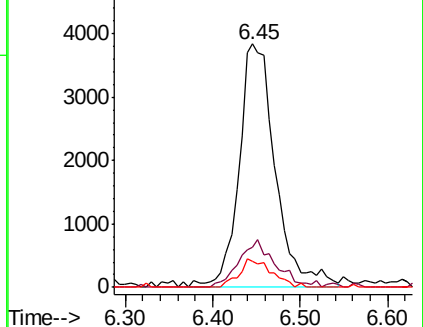
87 10.3 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 49.986 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009924.D

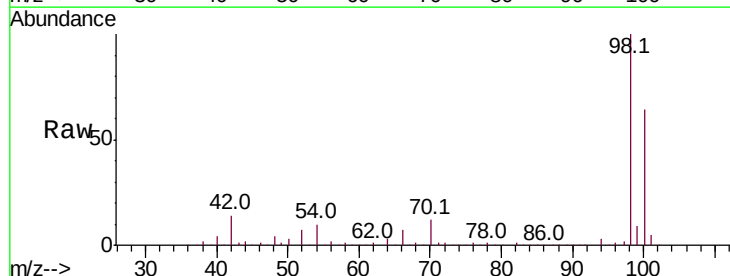
Acq: 28 May 2019 18:53

Tgt Ion: 98 Resp: 373696

Ion Ratio Lower Upper

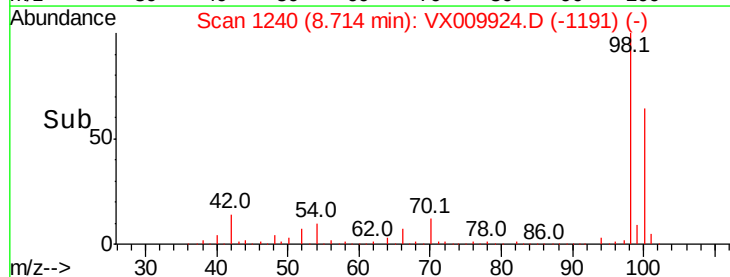
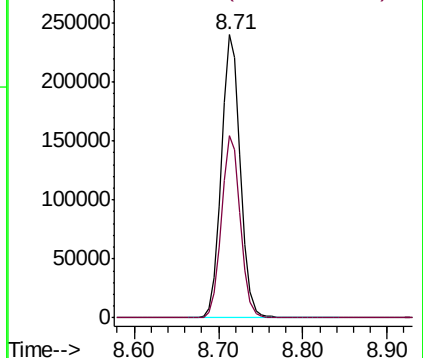
98 100

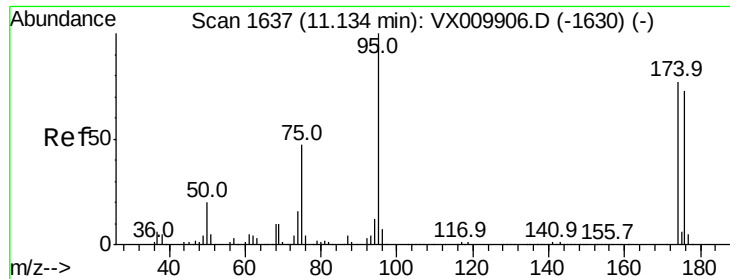
100 64.3 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.397 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009924.D

Acq: 28 May 2019 18:53

Instrument :

MSVOA_X

ClientSampleId :

SSSI-0523-S-TCLP-11

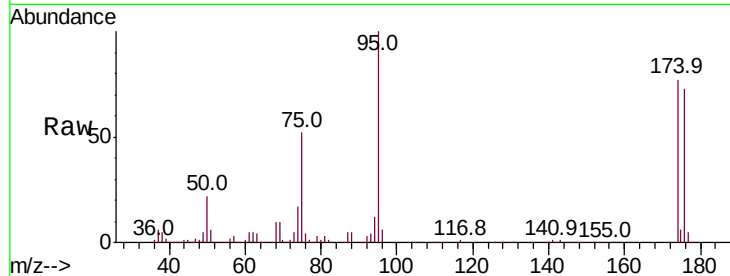
Tot Ion: 95 Resp: 127273

Ion Ratio Lower Upper

95 100

174 81.2 0.0 160.4

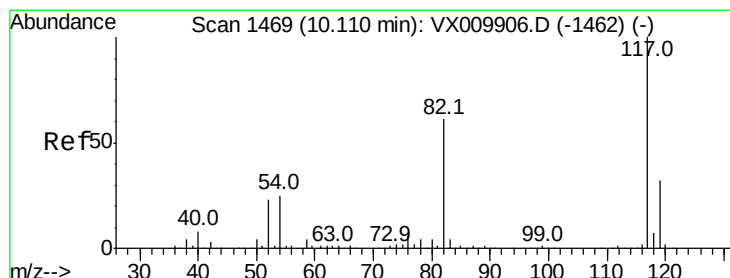
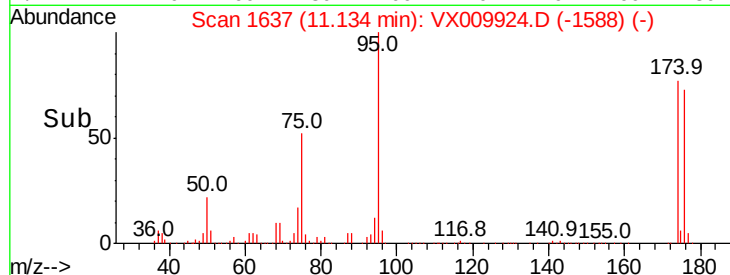
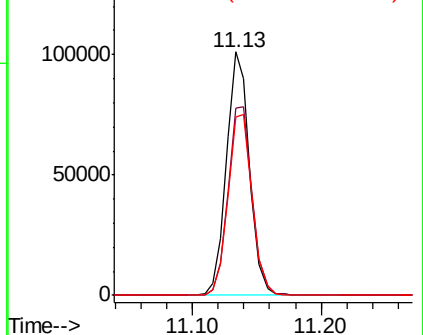
176 78.1 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX009924.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX009924.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX009924.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009924.D

Acq: 28 May 2019 18:53

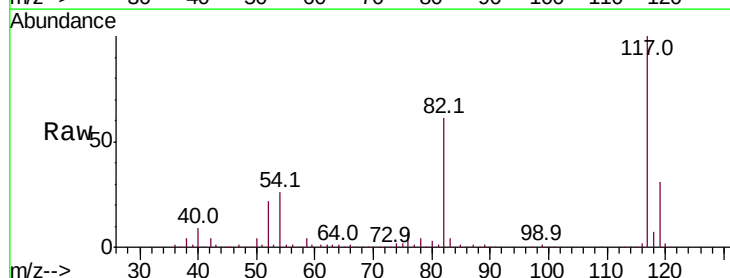
Tgt Ion: 117 Resp: 263268

Ion Ratio Lower Upper

117 100

82 61.3 49.2 73.8

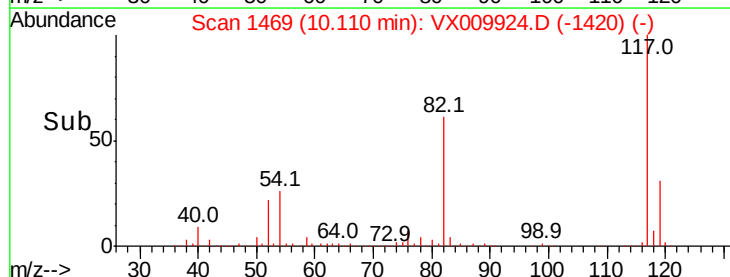
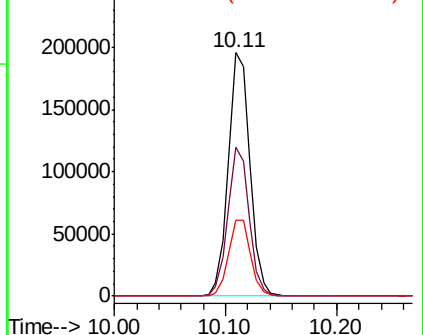
119 31.3 25.2 37.8

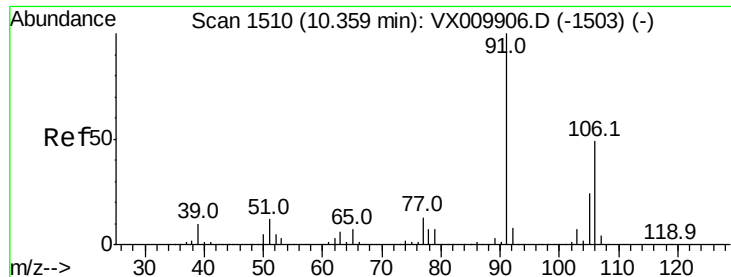


Abundance Ion 116.90 (116.60 to 117.60): VX009924.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX009924.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX009924.D (-1462) (-)

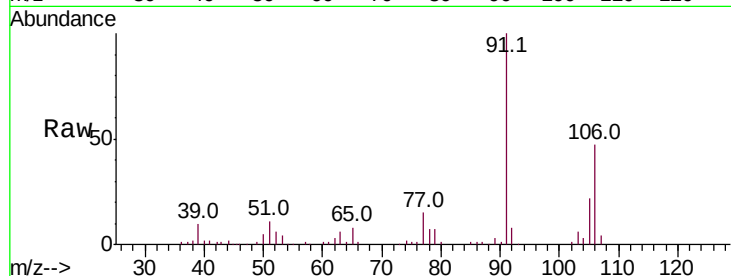




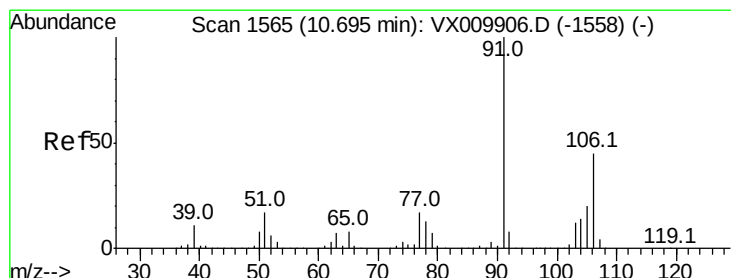
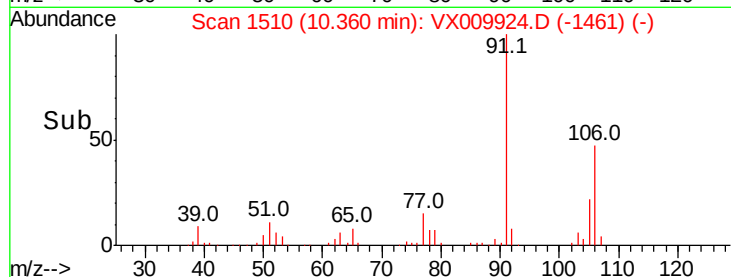
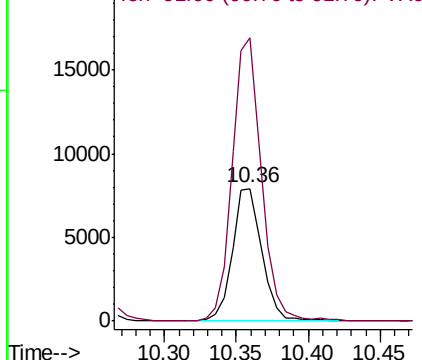
#68
m/p-Xylenes
Concen: 3.091 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009924.D
Acq: 28 May 2019 18:53

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

Tot Ion:106 Resp: 11301
Ion Ratio Lower Upper
106 100
91 212.6 167.3 250.9

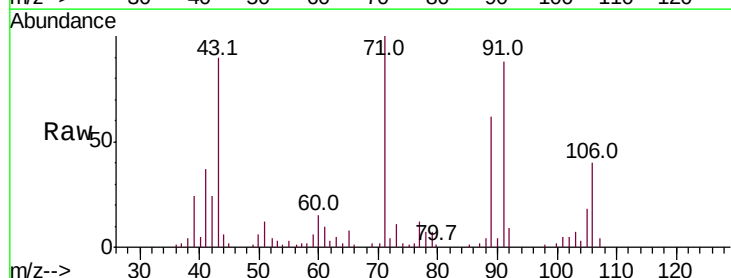


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

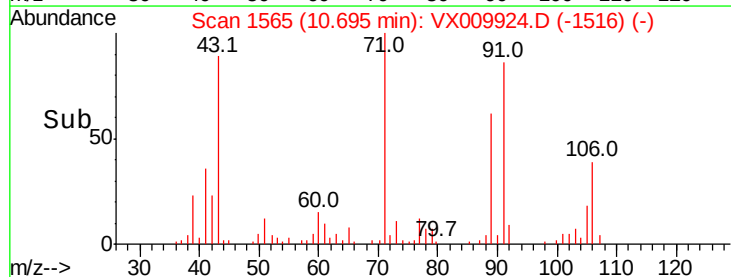
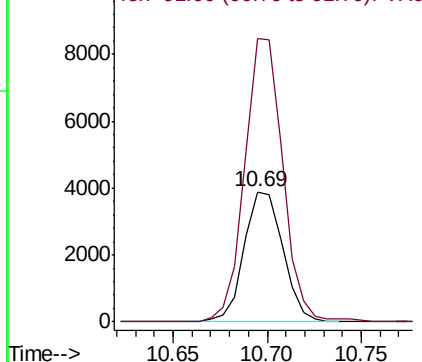


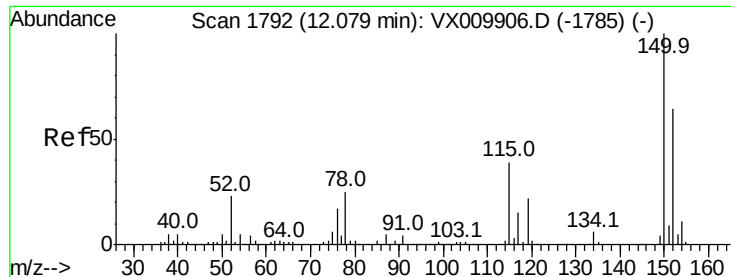
#69
o-Xylene
Concen: 1.589 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX009924.D
Acq: 28 May 2019 18:53

Tgt Ion:106 Resp: 5570
Ion Ratio Lower Upper
106 100
91 213.9 110.4 331.2



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: VX009924.D

Acq: 28 May 2019 18:53

Instrument :

MSVOA_X

ClientSampleId :

SSSI-0523-S-TCLP-11

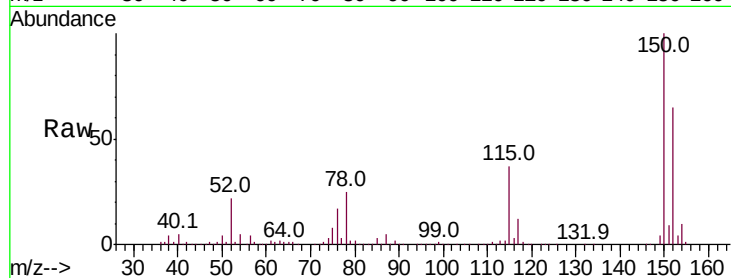
Tot Ion:152 Resp: 116322

Ion Ratio Lower Upper

152 100

115 58.7 41.4 124.2

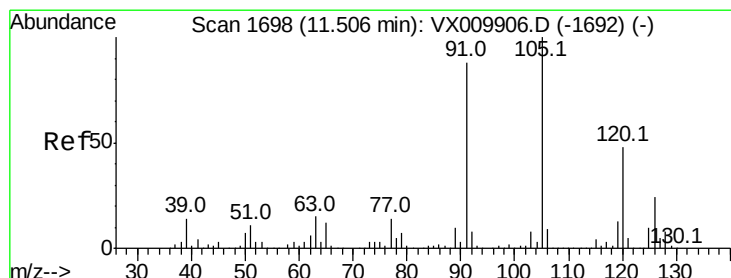
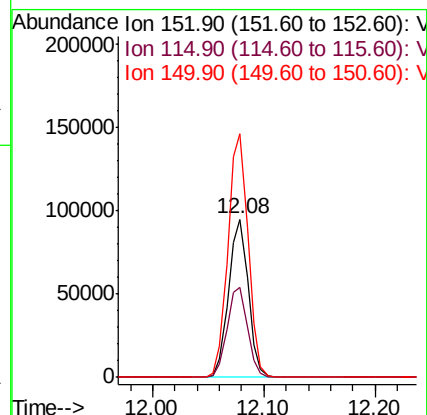
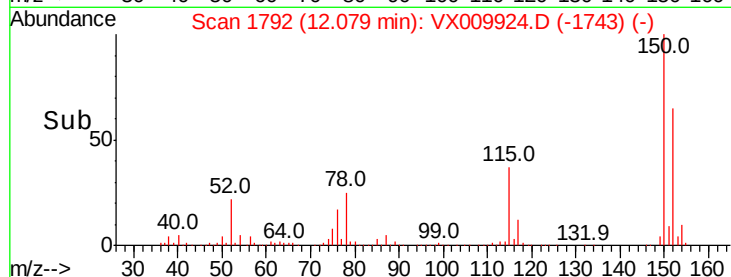
150 157.3 0.0 345.2



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: 1.172 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009924.D

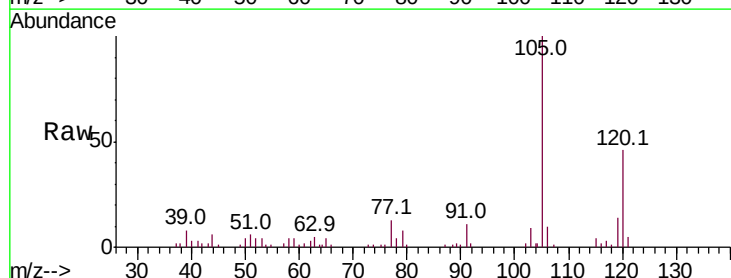
Acq: 28 May 2019 18:53

Tgt Ion:105 Resp: 8472

Ion Ratio Lower Upper

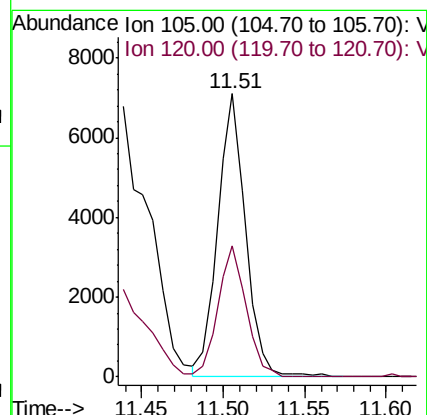
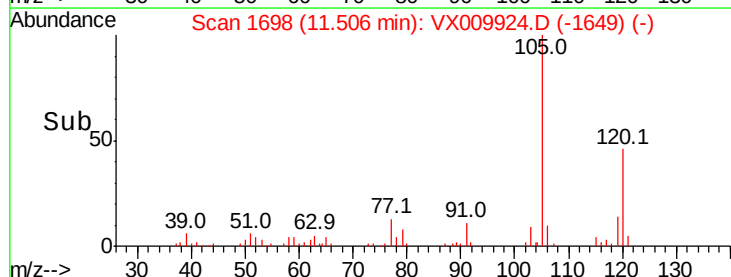
105 100

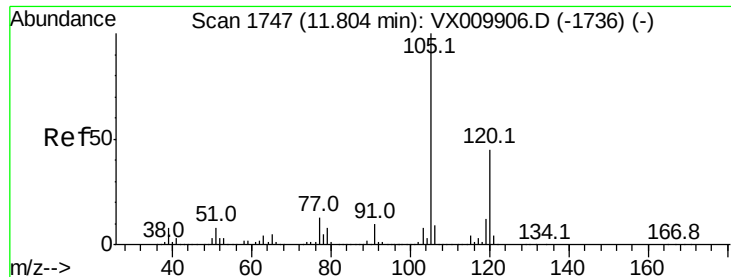
120 47.1 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

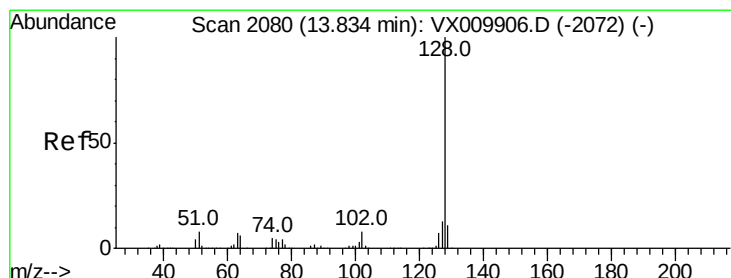
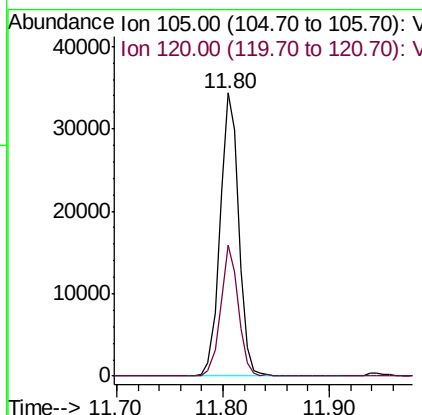
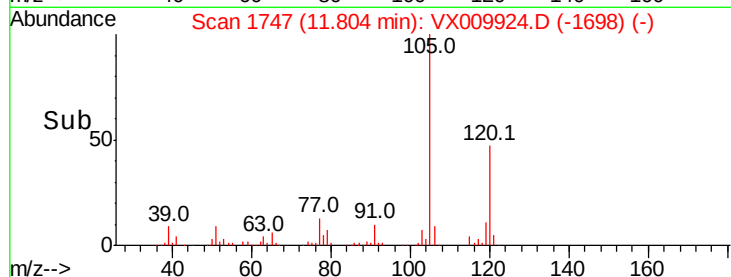
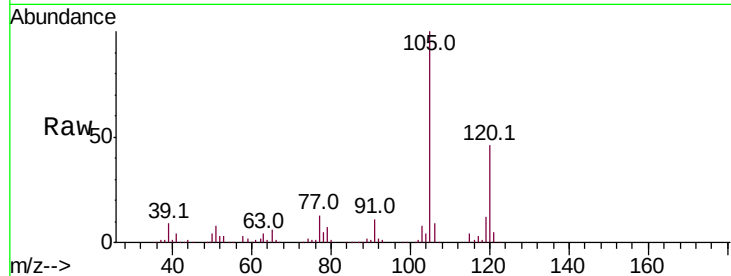




#84
 1,2,4-Trimethylbenzene
 Concen: 5.722 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009924.D
 Acq: 28 May 2019 18:53

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

Tot Ion:105 Resp: 42015
 Ion Ratio Lower Upper
 105 100
 120 43.4 22.1 66.1



#95
 Naphthalene
 Concen: 3.447 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX009924.D
 Acq: 28 May 2019 18:53

Tgt Ion:128 Resp: 29430
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.6 16.0
 129 10.6 8.8 13.2

