

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 04:12:46 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	124646	48.63	ug/l	0.00
Spiked Amount			Recovery	=	97.26%	
35) Dibromofluoromethane	5.50	113	89060	48.38	ug/l	0.00
Spiked Amount			Recovery	=	96.76%	
50) Toluene-d8	8.71	98	373696	49.99	ug/l	0.00
Spiked Amount			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	11.13	95	127273	47.40	ug/l	0.00
Spiked Amount			Recovery	=	94.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	402	0.247	ug/l #	75
6) Chloroethane	1.70	64	369	0.223	ug/l #	84
10) Methyl Iodide	2.51	142	55	4.679	ug/l #	88
11) Tert butyl alcohol	3.06	59	623	0.988	ug/l #	73
13) Acrolein	2.29	56	428	21.973	ug/l	99
16) Acetone	2.45	43	20492	13.838	ug/l	93
17) Carbon Disulfide	2.57	76	721	0.513	ug/l #	79
18) Methyl Acetate	2.78	43	1469	0.426	ug/l	98
20) Methylene Chloride	2.85	84	41465	18.285	ug/l	99
25) 2-Butanone	4.69	43	4079	1.768	ug/l #	84
29) Tetrahydrofuran	5.15	42	1267	0.856	ug/l	95
30) Chloroform	5.21	83	1506	0.406	ug/l	96
31) Cyclohexane	5.67	56	4317	1.107	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	14406	4.849	ug/l #	50
38) Carbon Tetrachloride	5.67	117	16828	6.554	ug/l #	17
43) Isopropyl Acetate	6.45	43	11086	1.660	ug/l	97
48) Methyl methacrylate	7.68	41	6743	2.039	ug/l #	20
49) 1,4-Dioxane	7.62	88	47	0.764	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	71523	16.460	ug/l #	53
54) cis-1,3-Dichloropropene	8.62	75	29090	7.839	ug/l #	59
57) 1,3-Dichloropropane	9.54	76	7025	1.816	ug/l #	44
59) 2-Hexanone	9.44	43	9905	2.961	ug/l #	27
67) Ethyl Benzene	10.25	91	6857	0.693	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
74) N-amyl acetate	10.69	43	11536	2.249	ug/l #	58
76) 1,2,3-Trichloropropane	11.13	75	65843	23.671	ug/l #	34
78) n-propylbenzene	11.36	91	2141	0.216	ug/l	96
79) 2-Chlorotoluene	11.43	91	2157	0.357	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.51	105	8472	1.172	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	65843	58.565	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	42015	5.722	ug/l	99
85) sec-Butylbenzene	11.80	105	42015	5.105	ug/l #	57
90) Hexachloroethane	12.59	117	438	0.345	ug/l #	6

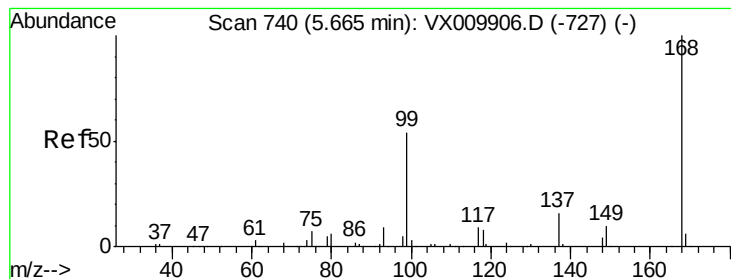
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052819\
Data File : VX009924.D
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	29430	3.447	ug/l	100

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



#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 :

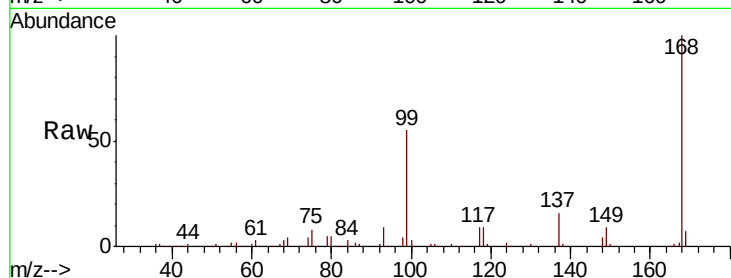
SSSI-0523-S-TCLP-11

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

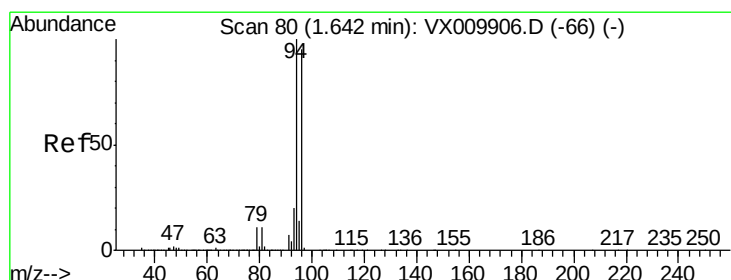
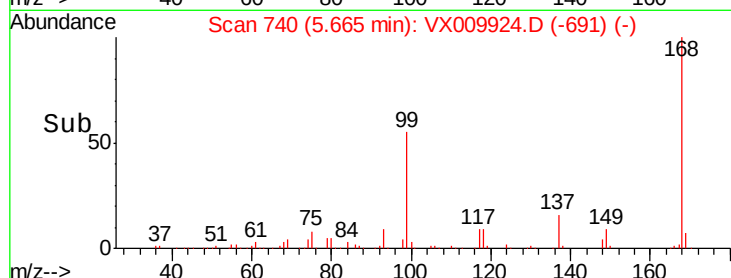
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.247 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX009924.D

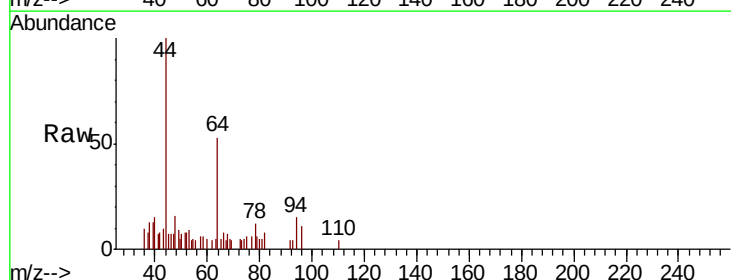
Acq: 28 May 2019 18:53

Tgt Ion: 94 Resp: 402

Ion Ratio Lower Upper

94 100

96 70.8 76.2 114.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

200

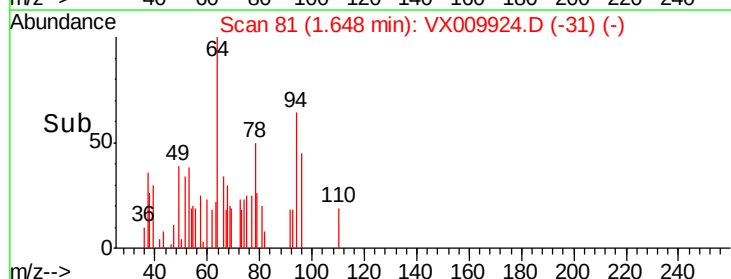
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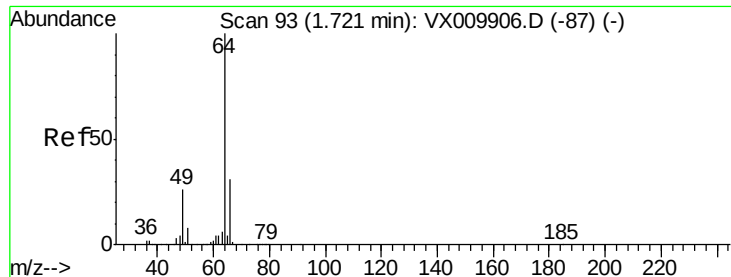
100

50

0

Time--> 1.60 1.65 1.70





#6

Chloroethane

Concen: 0.223 ug/l

RT: 1.70 min Scan# 89

Delta R.T. -0.02 min

Lab File: VX009924.D

Acq: 28 May 2019 18:53

Instrument :

MSVOA_X

ClientSampleId :

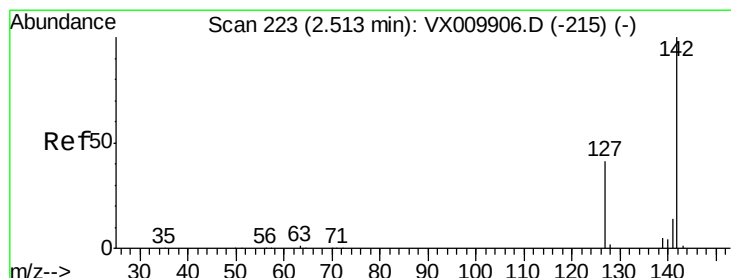
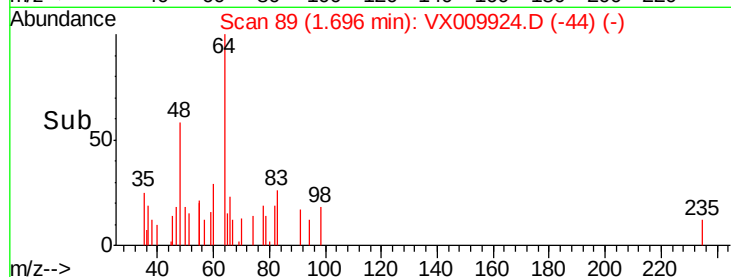
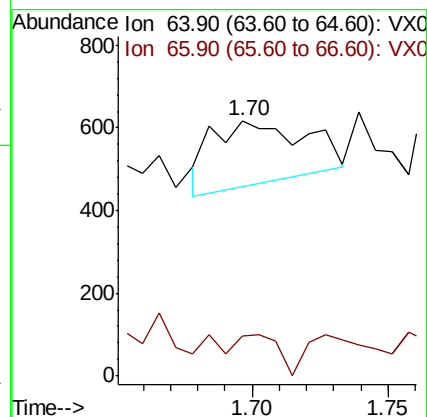
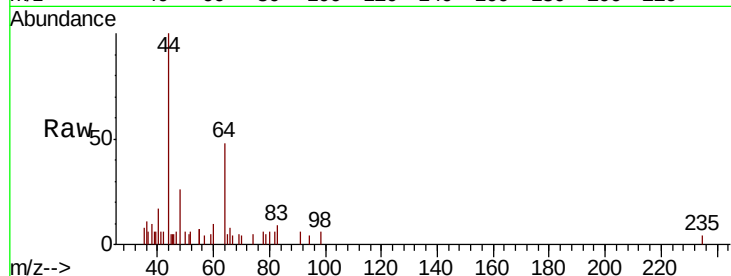
SSSI-0523-S-TCLP-11

Tot Ion: 64 Resp: 369

Ion Ratio Lower Upper

64 100

66 40.4 25.1 37.7#



#10

Methyl Iodide

Concen: 4.679 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX009924.D

Acq: 28 May 2019 18:53

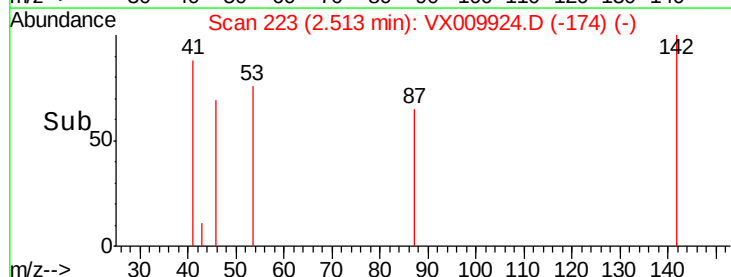
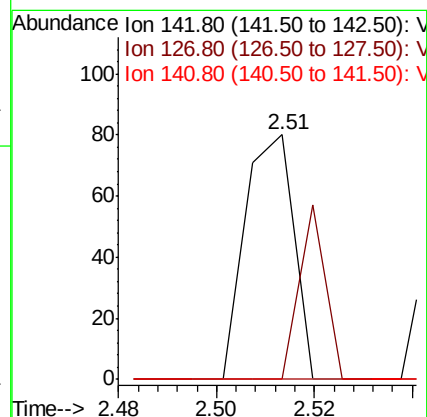
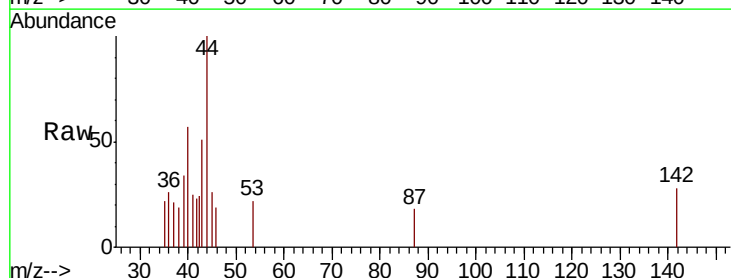
Tgt Ion: 142 Resp: 55

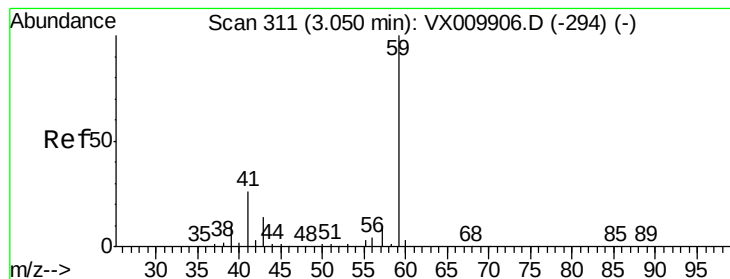
Ion Ratio Lower Upper

142 100

127 38.2 33.0 49.4

141 0.0 11.4 17.0#



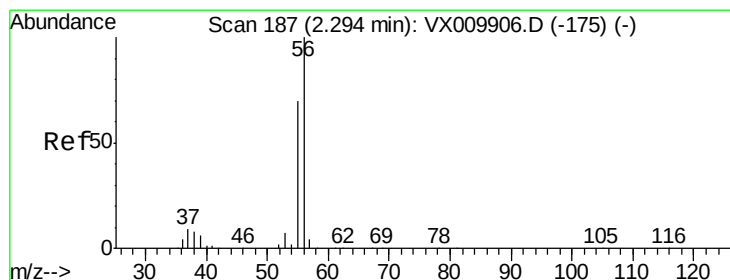
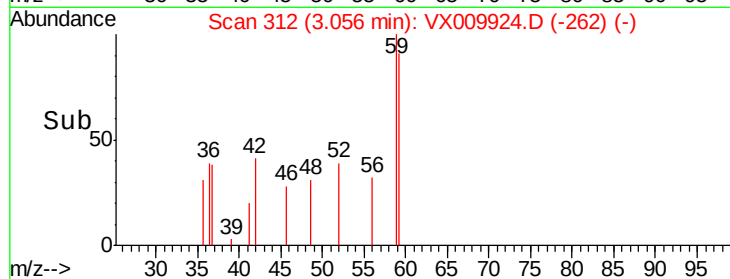
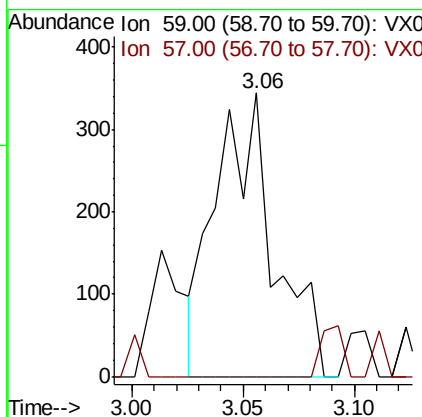
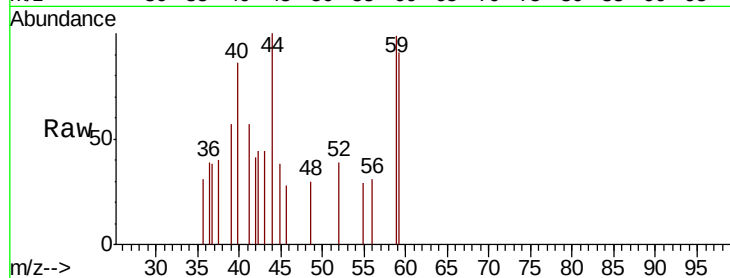


#11

Tert butyl alcohol
 Concen: 0.988 ug/l
 RT: 3.06 min Scan# 312
 Delta R.T. 0.01 min
 Lab File: VX009924.D
 Acq: 28 May 2019 18:53

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

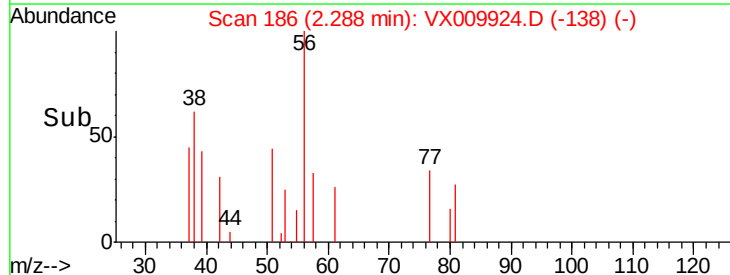
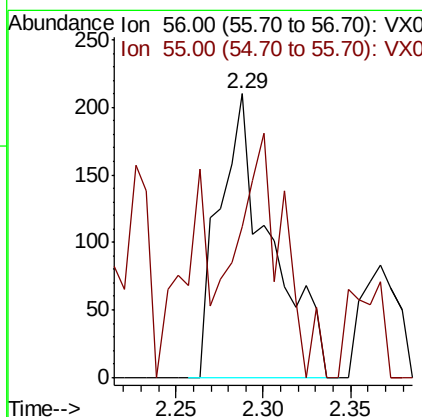
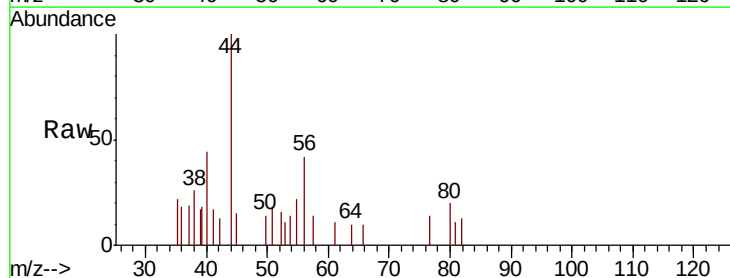
Tot Ion: 59 Resp: 623
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

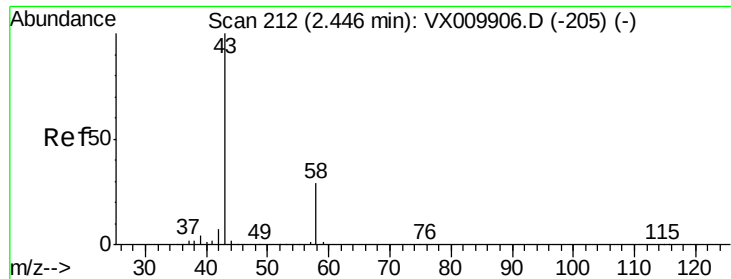


#13

Acrolein
 Concen: 21.973 ug/l
 RT: 2.29 min Scan# 186
 Delta R.T. -0.01 min
 Lab File: VX009924.D
 Acq: 28 May 2019 18:53

Tgt Ion: 56 Resp: 428
 Ion Ratio Lower Upper
 56 100
 55 72.0 57.0 85.4





#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

Instrument :

MSVOA_X

ClientSampleId :

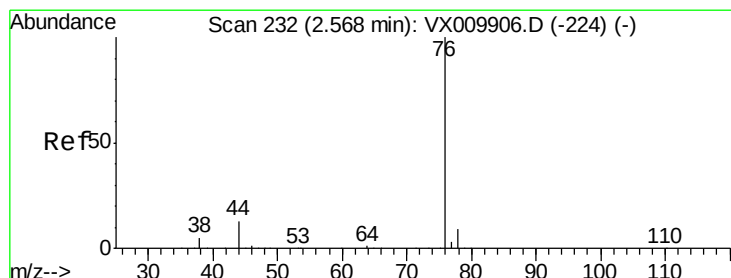
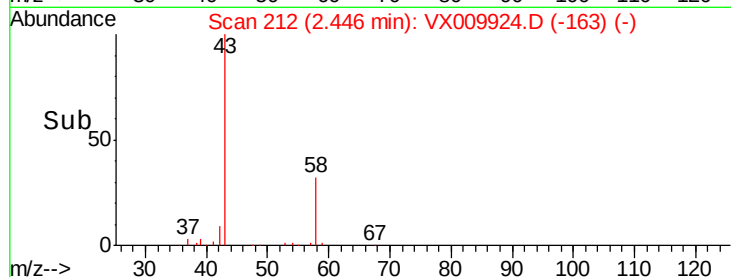
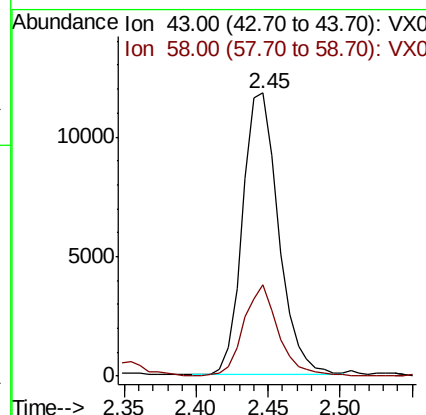
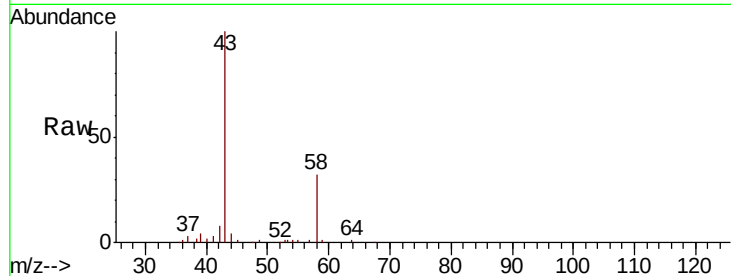
SSSI-0523-S-TCLP-11

Tot Ion: 43 Resp: 20492

Ion Ratio Lower Upper

43 100

58 32.5 23.2 34.8



#17

Carbon Disulfide

Concen: 0.513 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX009924.D

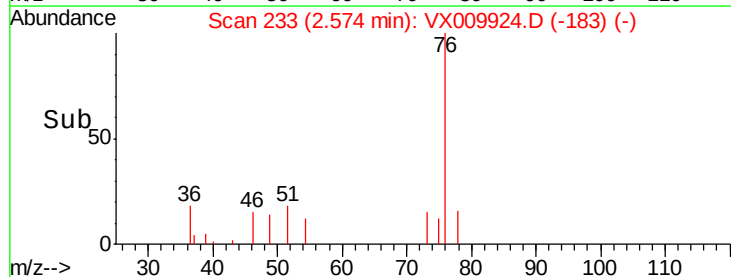
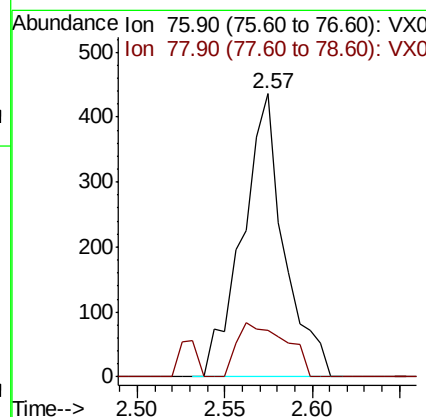
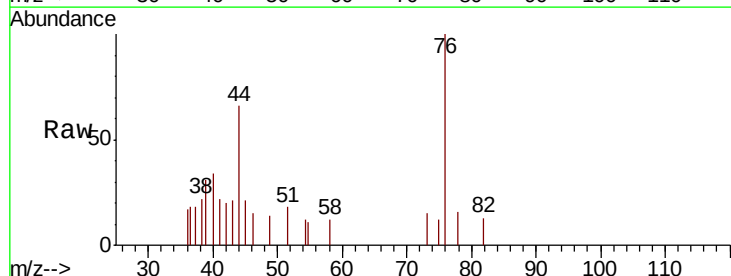
Acq: 28 May 2019 18:53

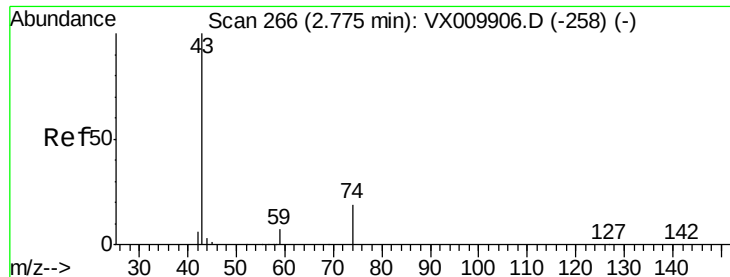
Tgt Ion: 76 Resp: 721

Ion Ratio Lower Upper

76 100

78 16.3 7.0 10.6#

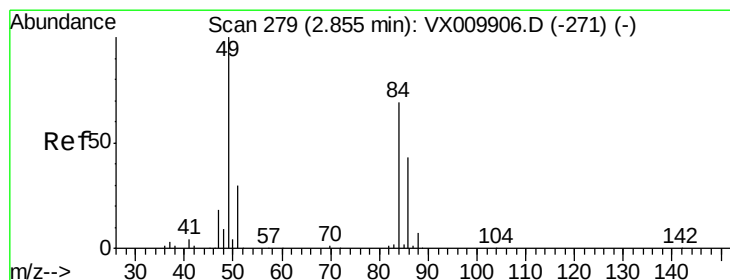
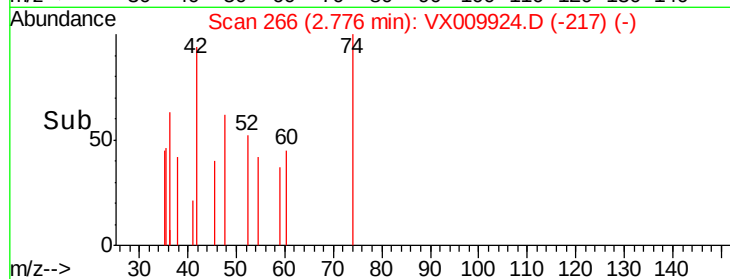
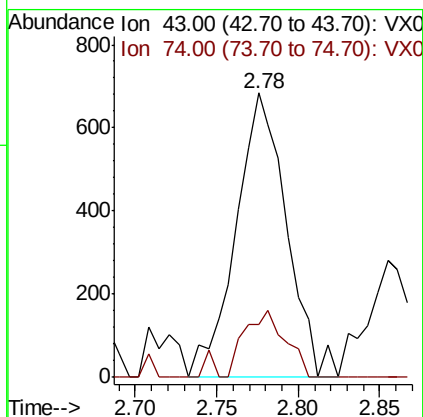
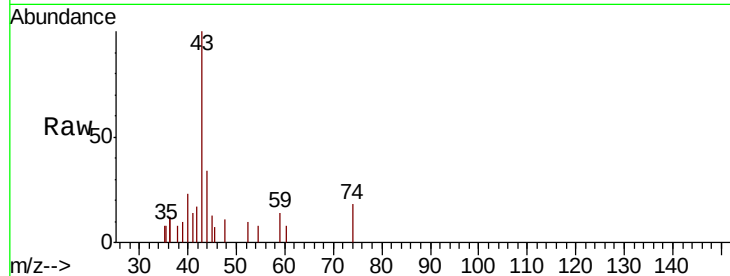




#18
Methvl Acetate
Concen: 0.426 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009924.D
Acq: 28 May 2019 18:53

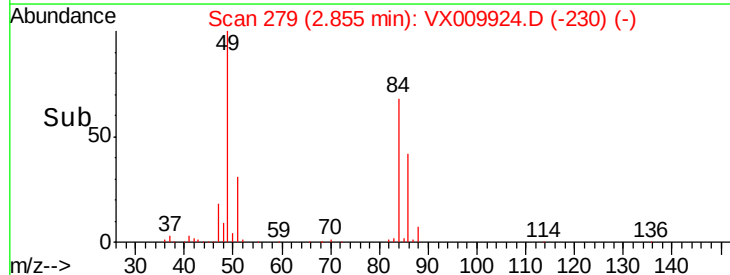
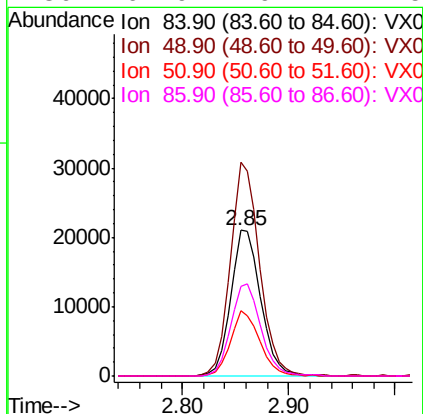
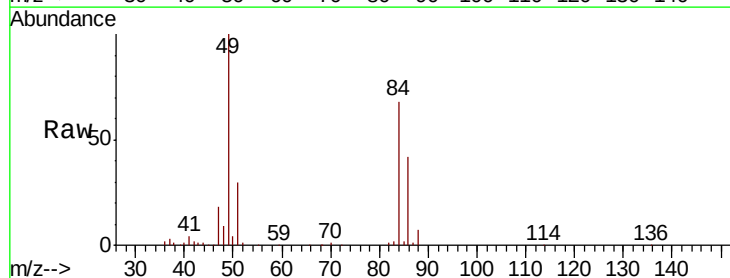
Instrument :
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ClientSampleId :
SSSI-0523-S-TCLP-11

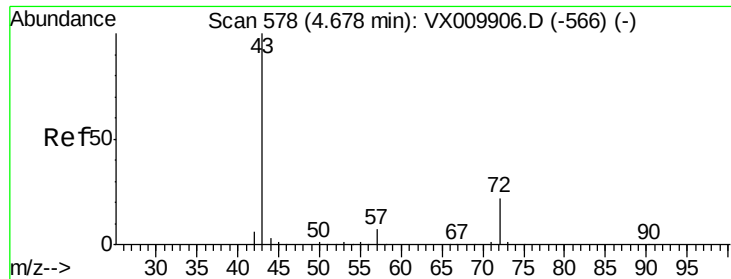
Tot Ion: 43 Resp: 1469
Ion Ratio Lower Upper
43 100
74 18.7 15.8 23.6



#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

Tgt 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





#25

2-Butanone

Concen: 1.768 ug/l

RT: 4.69 min Scan# 580

Delta R.T. 0.01 min

Lab File: VX009924.D

Acq: 28 May 2019 18:53

Instrument :

MSVOA_X

ClientSampleId :

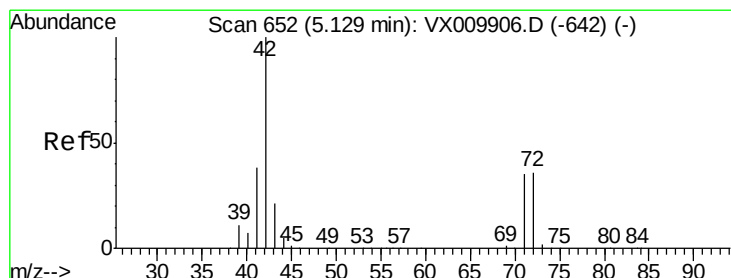
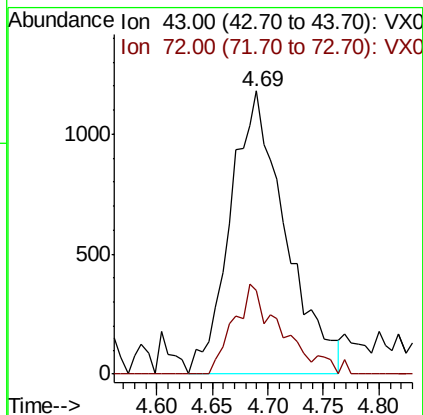
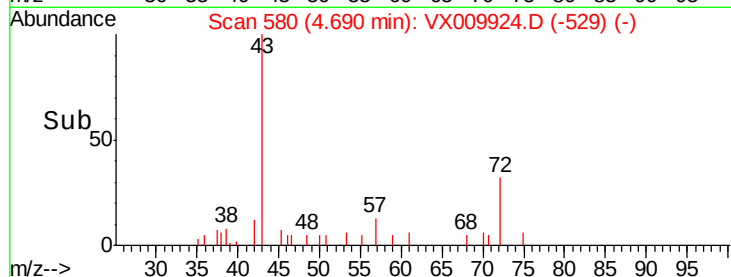
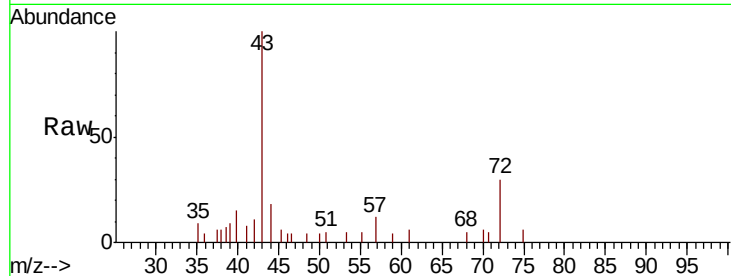
SSSI-0523-S-TCLP-11

Tot Ion: 43 Resp: 4079

Ion Ratio Lower Upper

43 100

72 29.5 17.5 26.3#



#29

Tetrahydrofuran

Concen: 0.856 ug/l

RT: 5.15 min Scan# 655

Delta R.T. 0.02 min

Lab File: VX009924.D

Acq: 28 May 2019 18:53

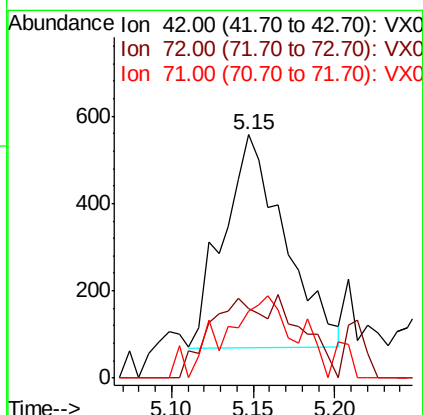
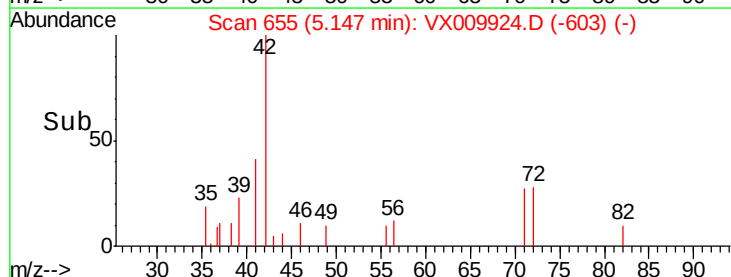
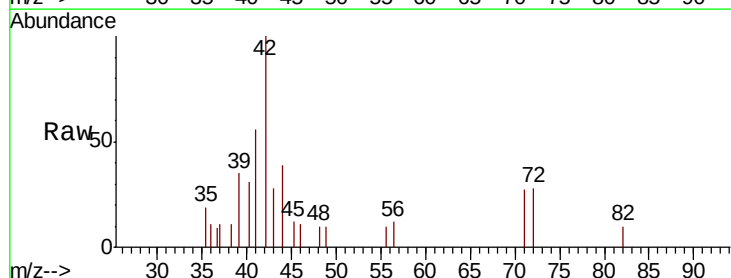
Tgt Ion: 42 Resp: 1267

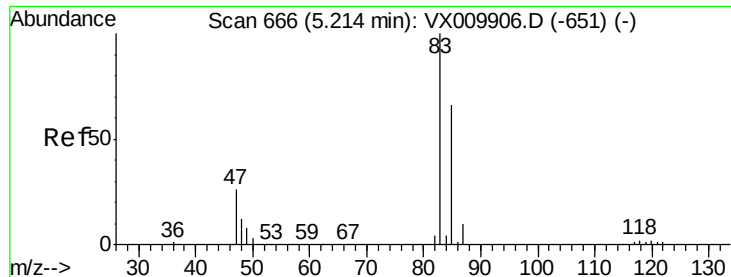
Ion Ratio Lower Upper

42 100

72 33.7 29.2 43.8

71 37.0 27.6 41.4

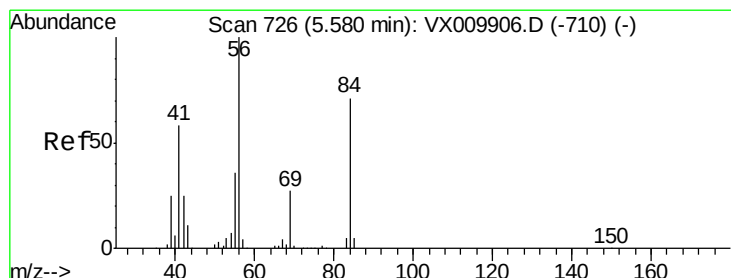
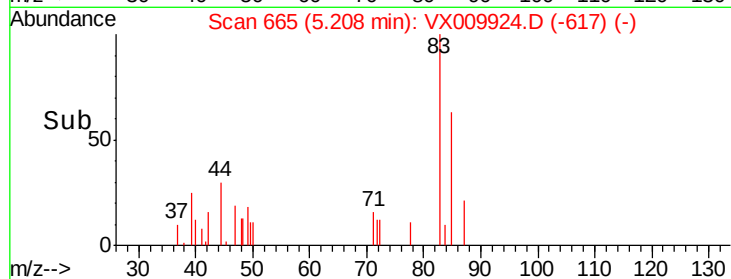
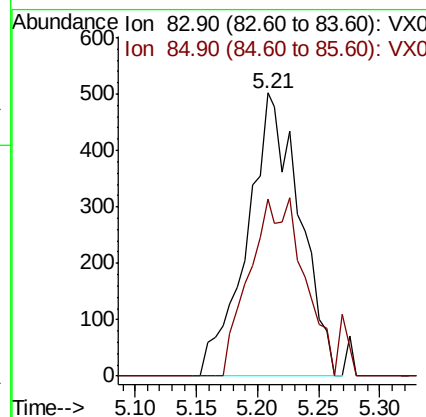
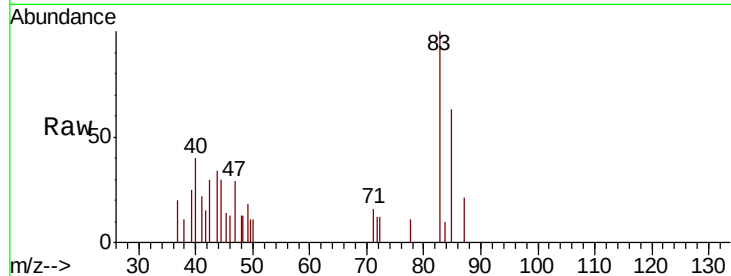




#30
Chloroform
Concen: 0.406 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX009924.D
Acq: 28 May 2019 18:53

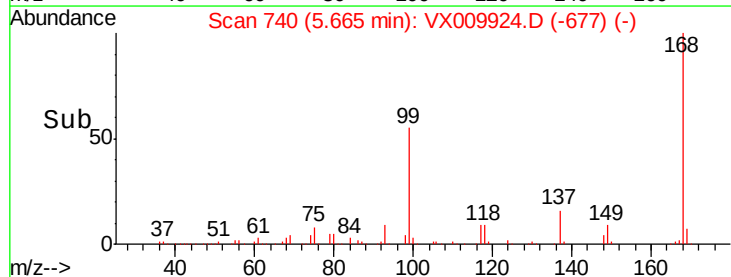
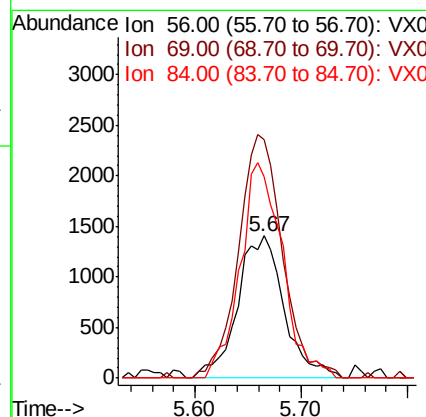
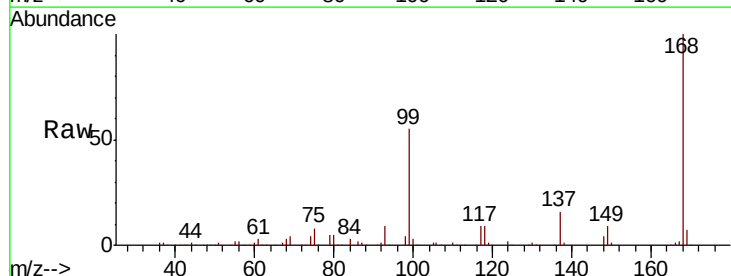
Instrument :
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ClientSampleId :
SSSI-0523-S-TCLP-11

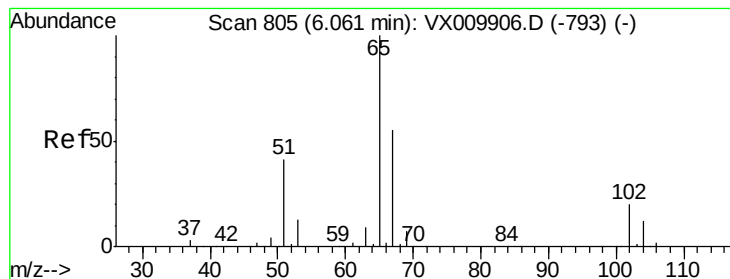
Tot Ion: 83 Resp: 1506
Ion Ratio Lower Upper
83 100
85 62.5 52.6 78.8



#31
Cyclohexane
Concen: 1.107 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX009924.D
Acq: 28 May 2019 18:53

Tgt Ion: 56 Resp: 4317
Ion Ratio Lower Upper
56 100
69 167.4 21.6 32.4#
84 142.0 56.8 85.2#





#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

Instrument :

MSVOA_X

ClientSampleId :

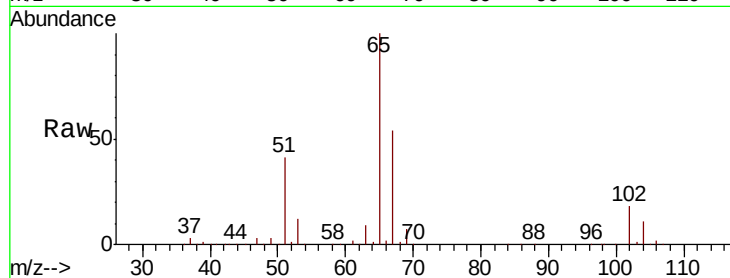
SSSI-0523-S-TCLP-11

Tot Ion: 65 Resp: 124646

Ion Ratio Lower Upper

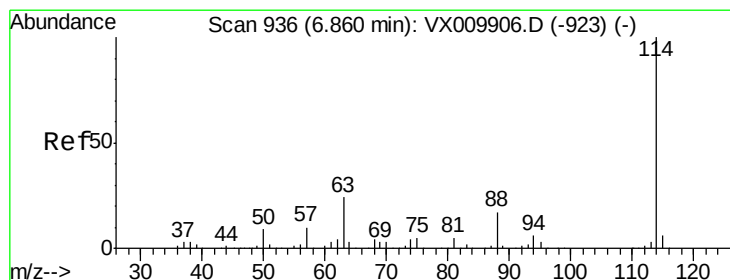
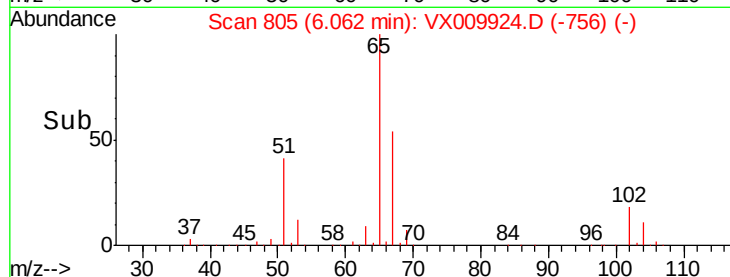
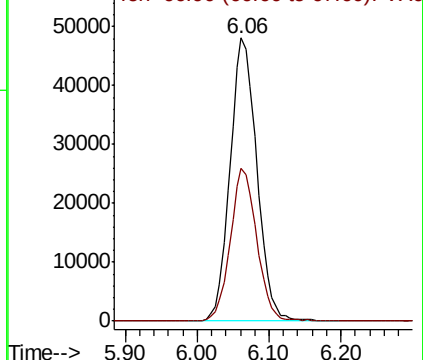
65 100

67 53.2 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#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

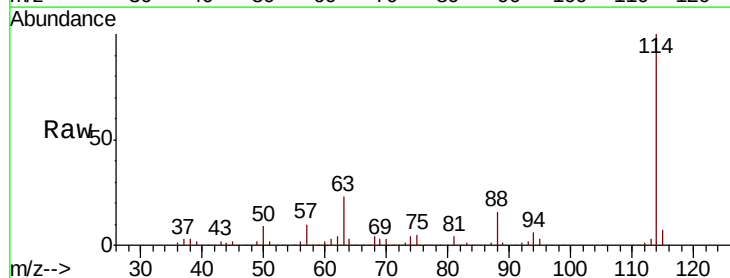
Tgt Ion: 114 Resp: 292829

Ion Ratio Lower Upper

114 100

63 23.1 0.0 47.4

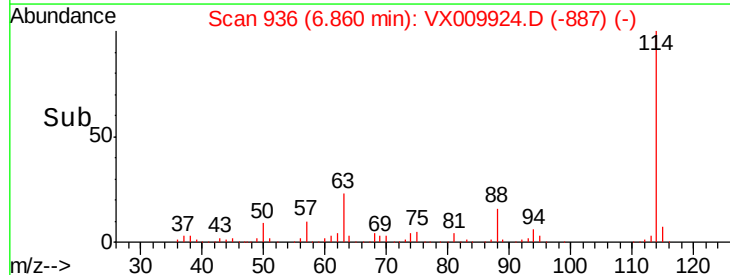
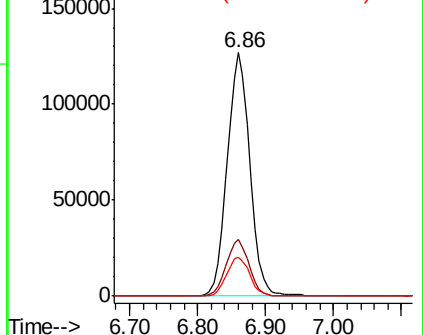
88 16.2 0.0 33.0

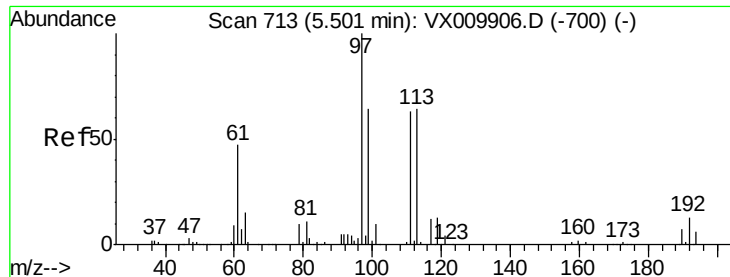


Abundance Ion 113.90 (113.60 to 114.60): V

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

Instrument :

MSVOA_X

ClientSampleId :

SSSI-0523-S-TCLP-11

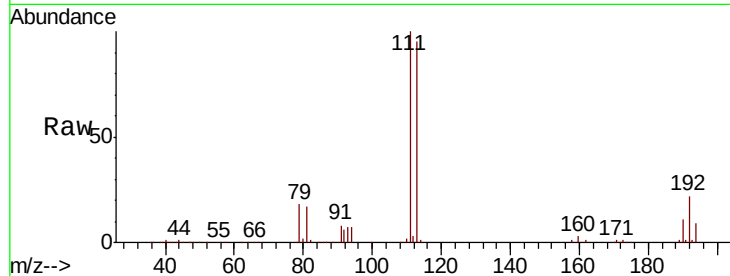
Tot Ion:113 Resp: 89060

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.2

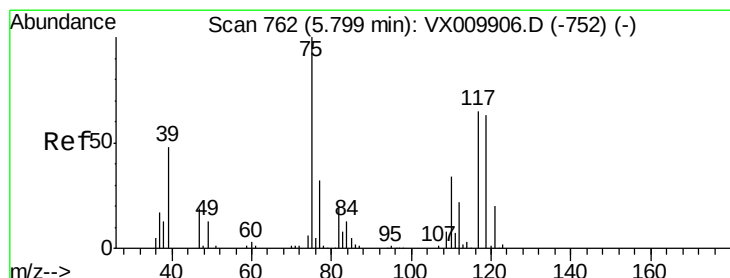
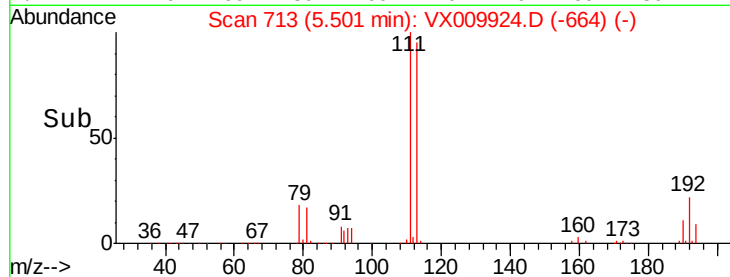
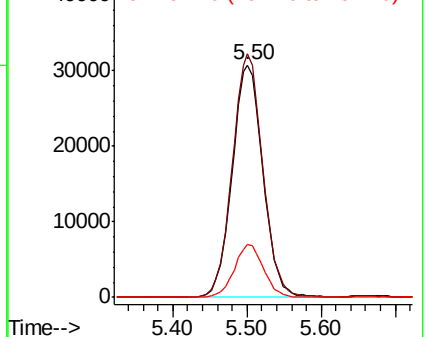
192 21.9 17.1 25.7



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



#36

1,1-Dichloropropene

Concen: 4.849 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX009924.D

Acq: 28 May 2019 18:53

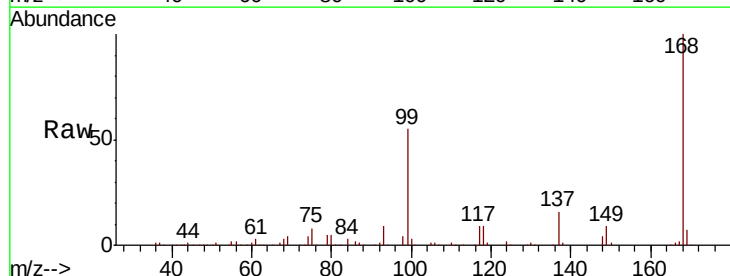
Tgt Ion: 75 Resp: 14406

Ion Ratio Lower Upper

75 100

110 8.9 16.7 50.1#

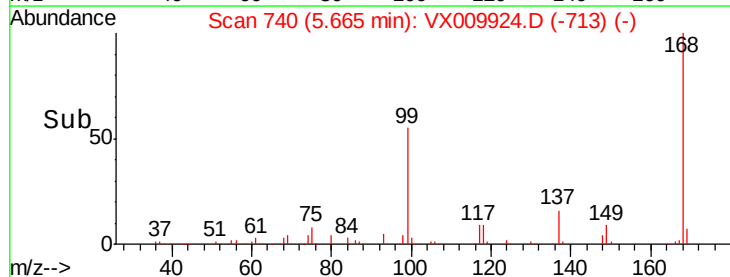
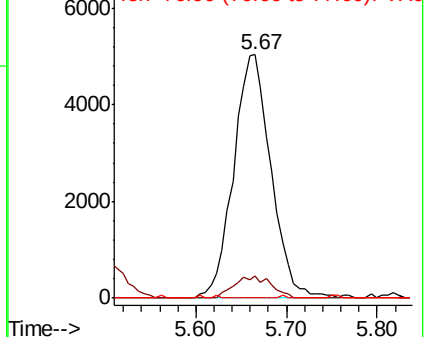
77 0.0 25.0 37.4#

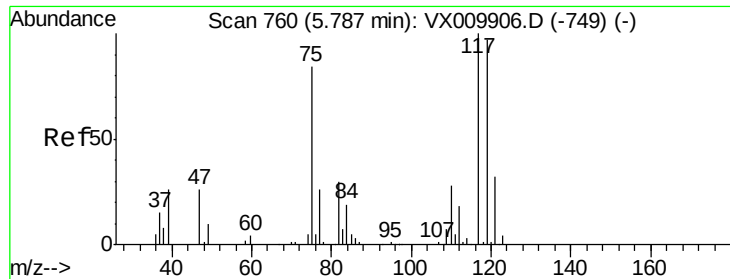


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.554 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX009924.D

Acq: 28 May 2019 18:53

Instrument :

MSVOA_X

ClientSampleId :

SSSI-0523-S-TCLP-11

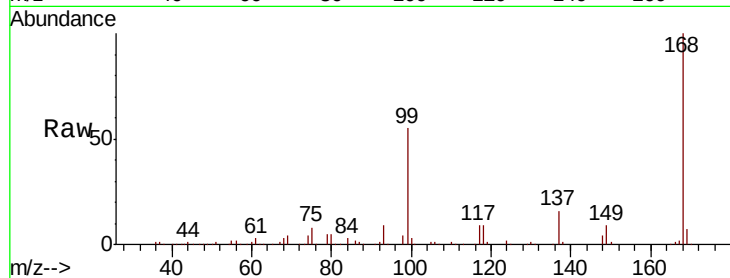
Tot Ion:117 Resp: 16828

Ion Ratio Lower Upper

117 100

119 7.0 77.3 115.9#

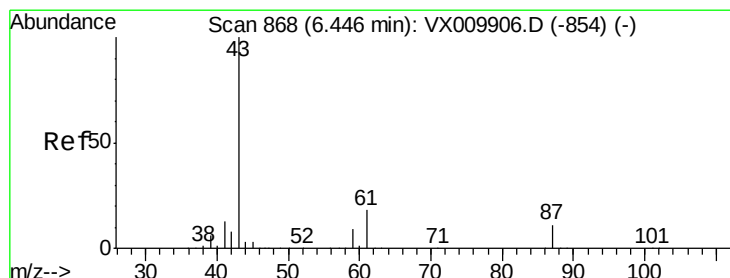
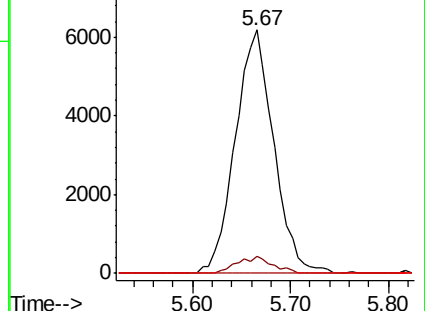
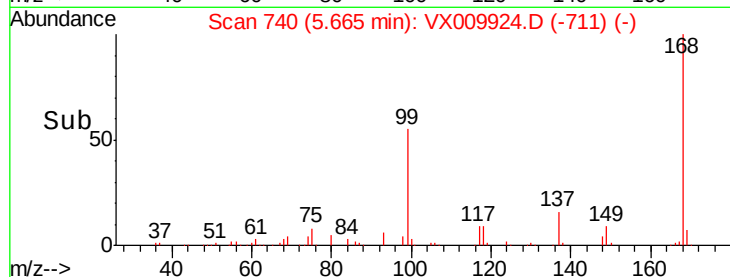
121 0.0 25.4 38.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): 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

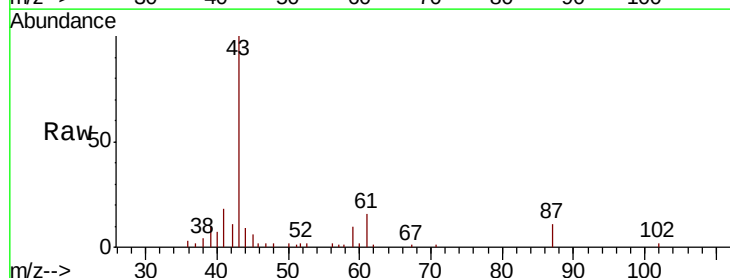
Tgt Ion: 43 Resp: 11086

Ion Ratio Lower Upper

43 100

61 19.6 14.6 21.8

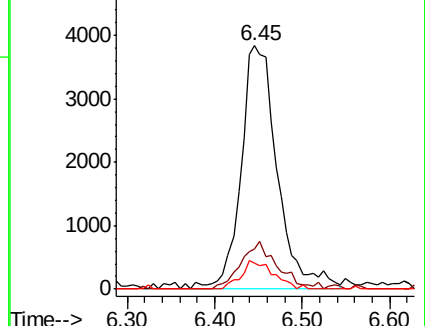
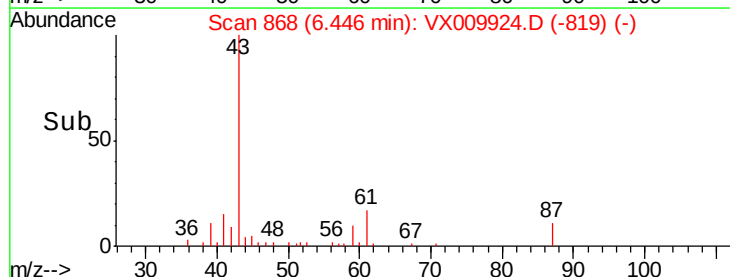
87 10.3 8.7 13.1

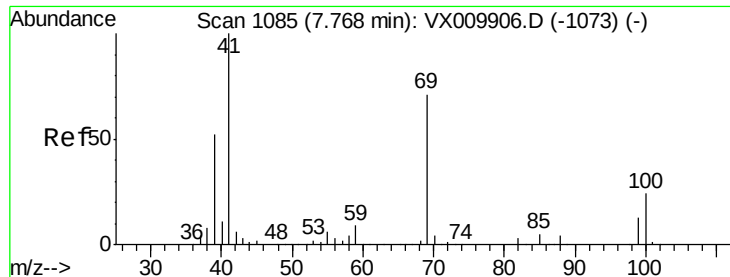


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

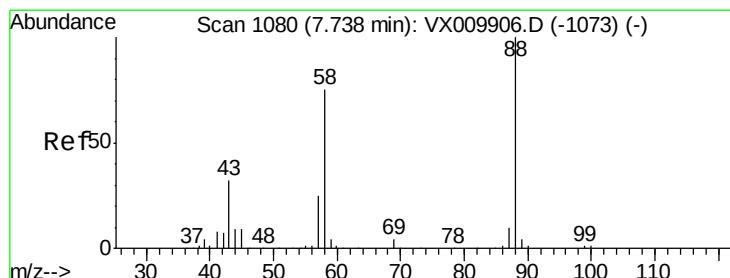
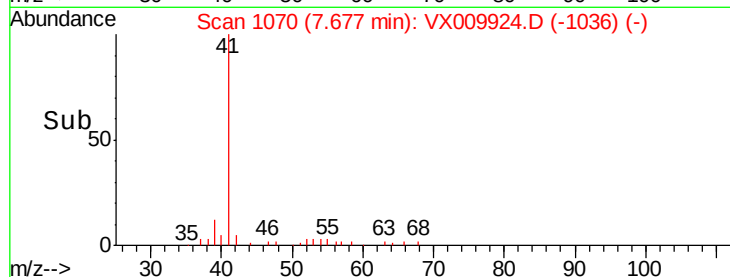
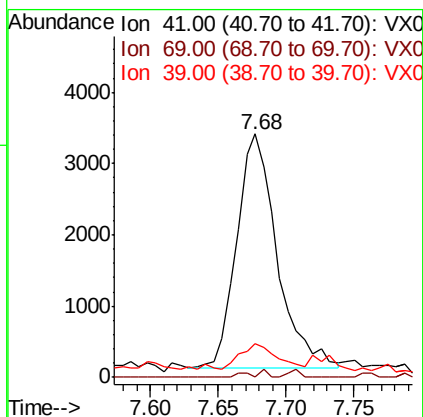
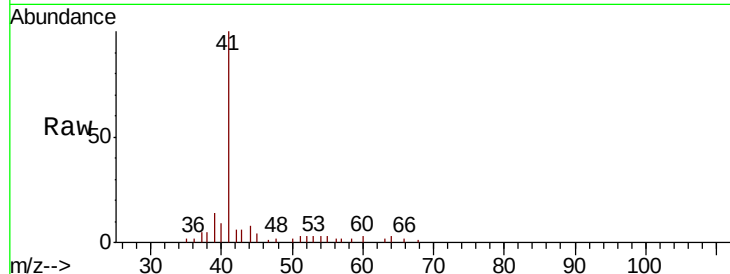




#48
Methvl methacrylate
Concen: 2.039 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX009924.D
Acq: 28 May 2019 18:53

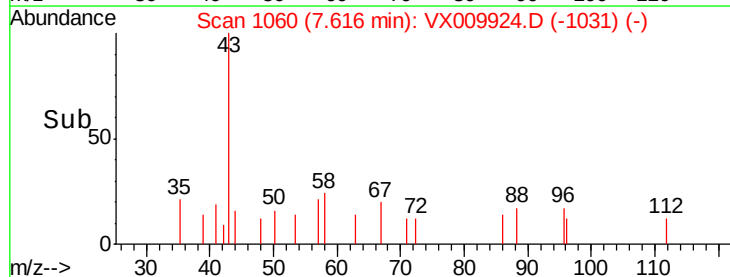
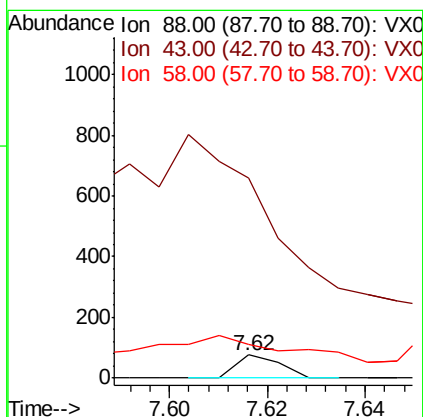
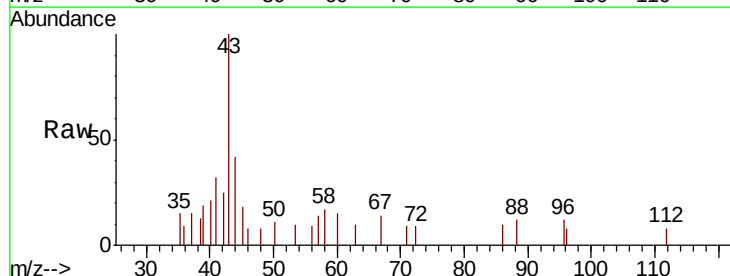
Instrument :
MSVOA_X
ClientSampleId :
SSSI-0523-S-TCLP-11

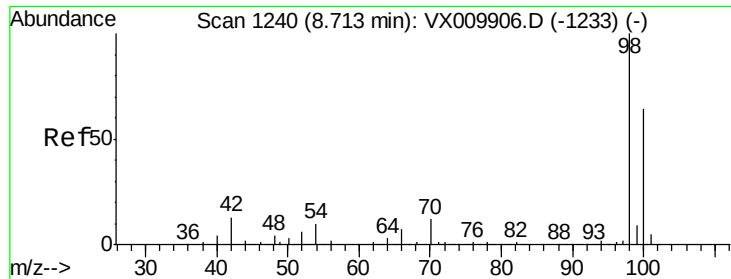
Tot Ion: 41 Resp: 6743
Ion Ratio Lower Upper
41 100
69 0.6 56.4 84.6#
39 0.0 40.6 60.8#



#49
1,4-Dioxane
Concen: 0.764 ug/l
RT: 7.62 min Scan# 1060
Delta R.T. -0.12 min
Lab File: VX009924.D
Acq: 28 May 2019 18:53

Tgt Ion: 88 Resp: 47
Ion Ratio Lower Upper
88 100
43 0.0 30.2 45.4#
58 619.1 64.0 96.0#

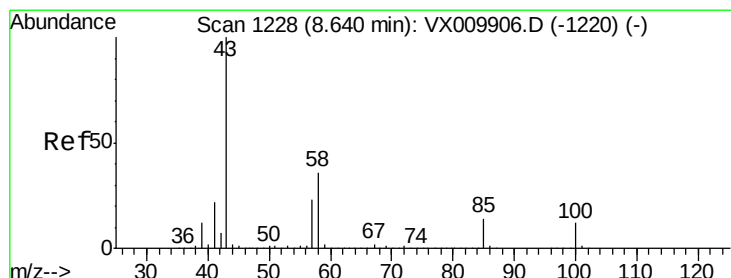
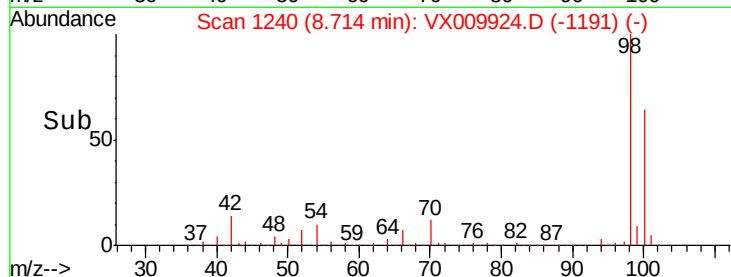
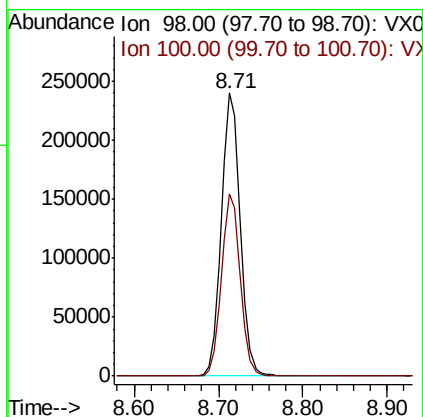
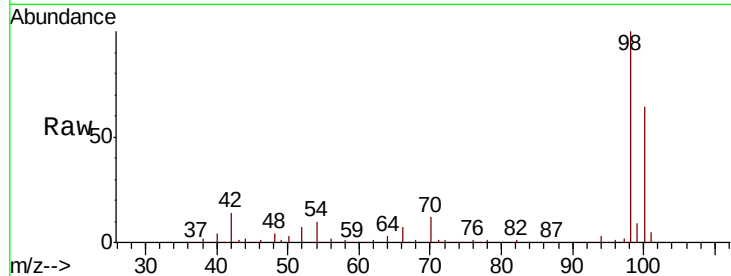




#50
Toluene-d8
Concen: 49.986 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009924.D
Acq: 28 May 2019 18:53

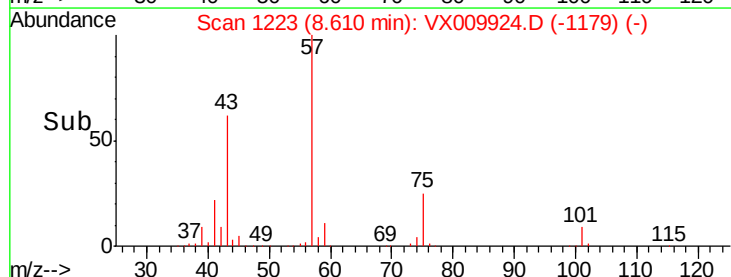
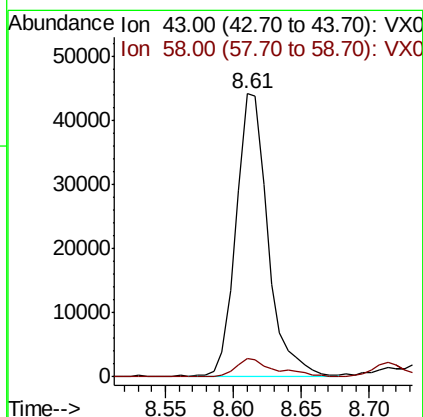
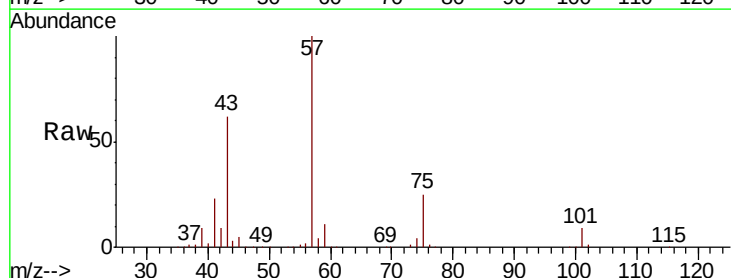
Instrument :
MSVOA_X
ClientSampleId :
SSSI-0523-S-TCLP-11

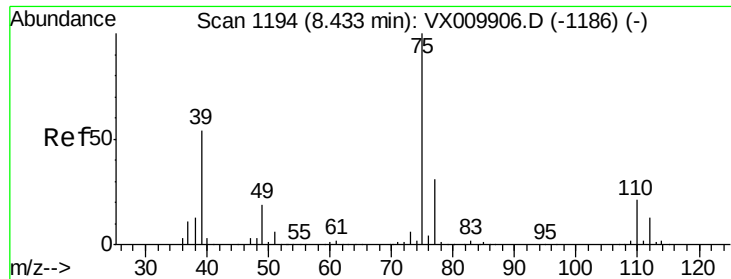
Tot Ion: 98 Resp: 373696
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 16.460 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX009924.D
Acq: 28 May 2019 18:53

Tgt Ion: 43 Resp: 71523
Ion Ratio Lower Upper
43 100
58 8.2 28.8 43.2#





#54

cis-1,3-Dichloropropene

Concen: 7.839 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX009924.D

Acq: 28 May 2019 18:53

Instrument :

MSVOA_X

ClientSampleId :

SSSI-0523-S-TCLP-11

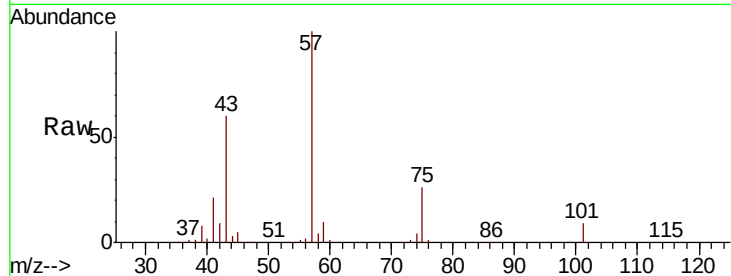
Tot Ion: 75 Resp: 29090

Ion Ratio Lower Upper

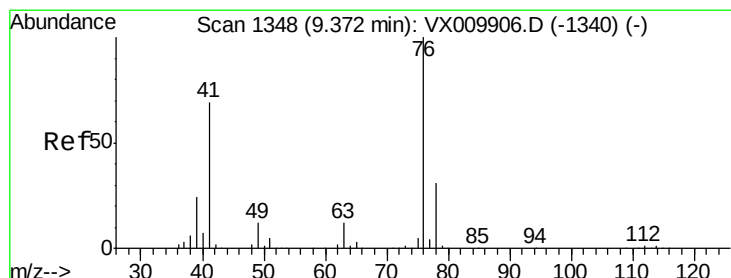
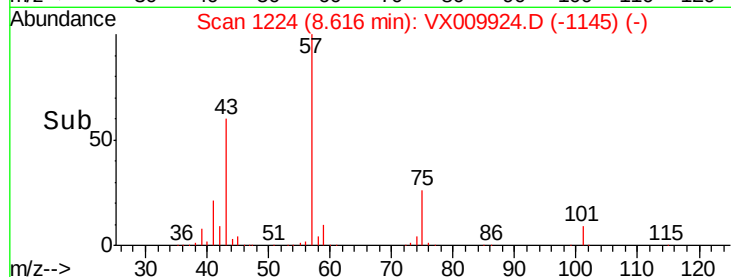
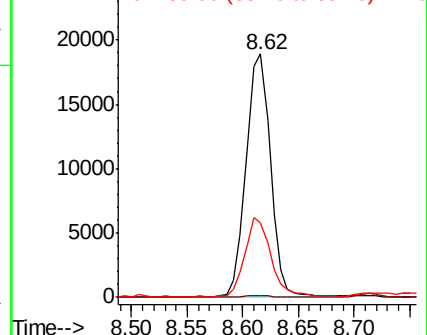
75 100

77 0.5 24.8 37.2#

39 30.6 43.4 65.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0
Ion 39.00 (38.70 to 39.70): VX0



#57

1,3-Dichloropropane

Concen: 1.816 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX009924.D

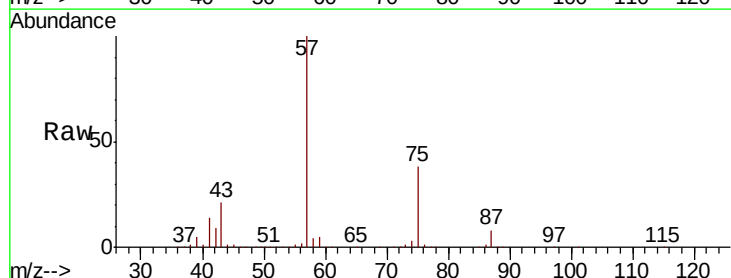
Acq: 28 May 2019 18:53

Tgt Ion: 76 Resp: 7025

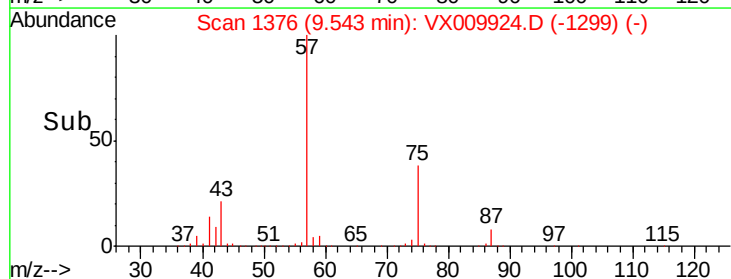
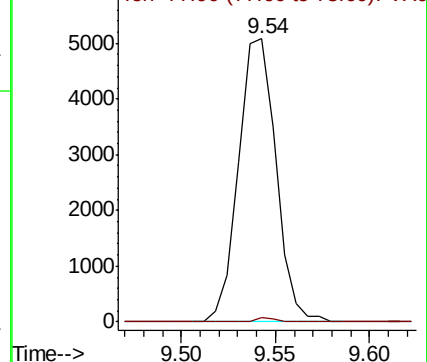
Ion Ratio Lower Upper

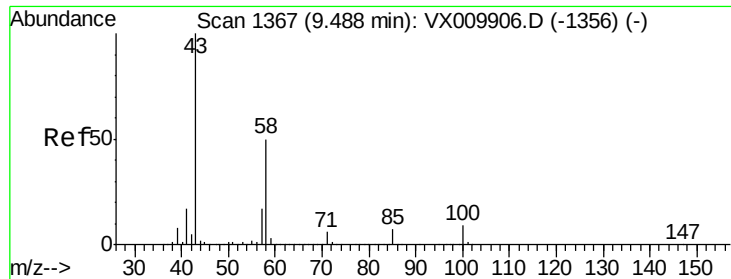
76 100

78 0.6 25.4 38.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0





#59

2-Hexanone

Concen: 2.961 ug/l

RT: 9.44 min Scan# 1359

Delta R.T. -0.05 min

Lab File: VX009924.D

Acq: 28 May 2019 18:53

Instrument :

MSVOA_X

ClientSampleId :

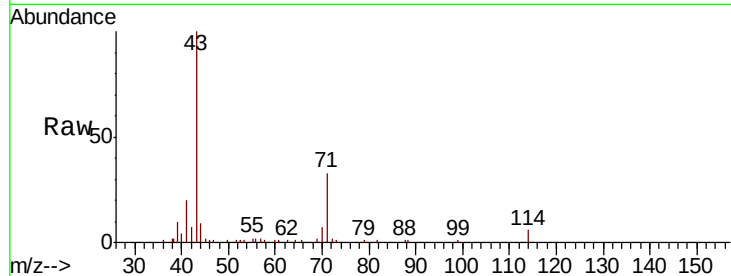
SSSI-0523-S-TCLP-11

Tot Ion: 43 Resp: 9905

Ion Ratio Lower Upper

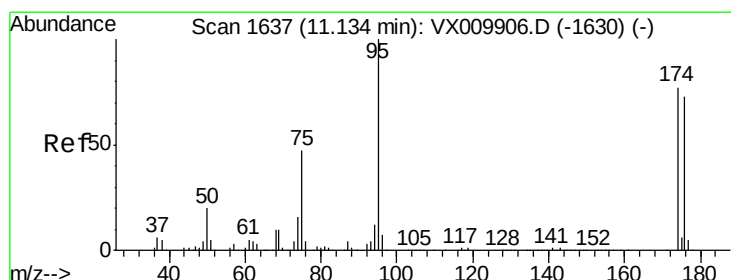
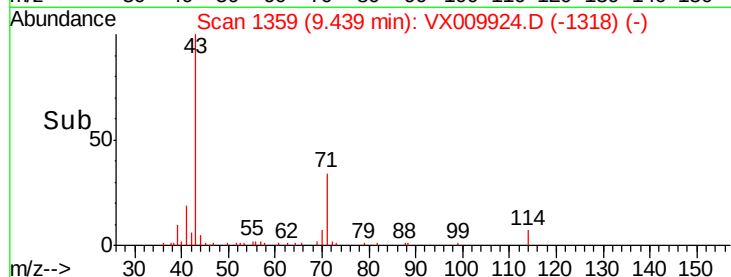
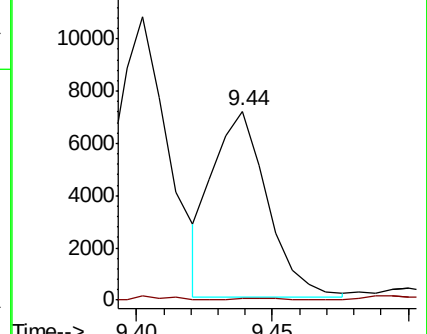
43 100

58 0.0 25.1 75.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#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

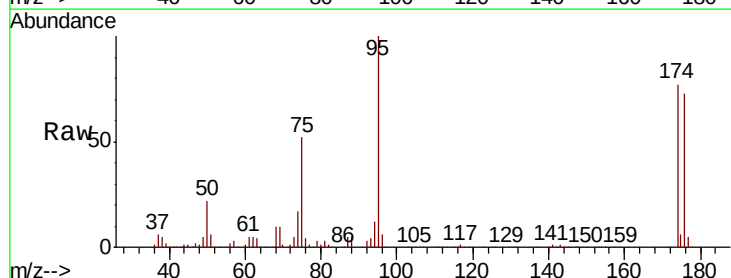
Tgt Ion: 95 Resp: 127273

Ion Ratio Lower Upper

95 100

174 81.2 0.0 160.4

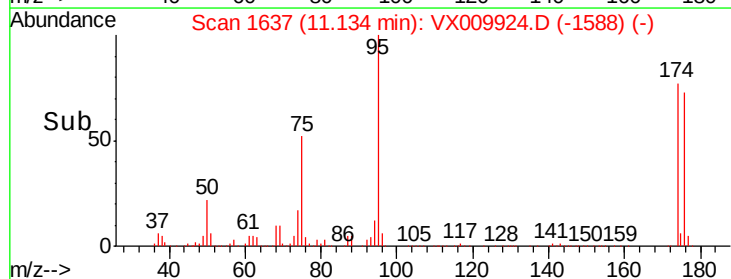
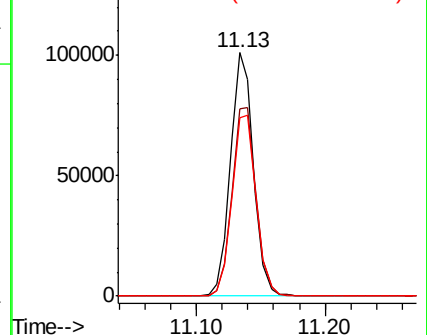
176 78.1 0.0 154.6

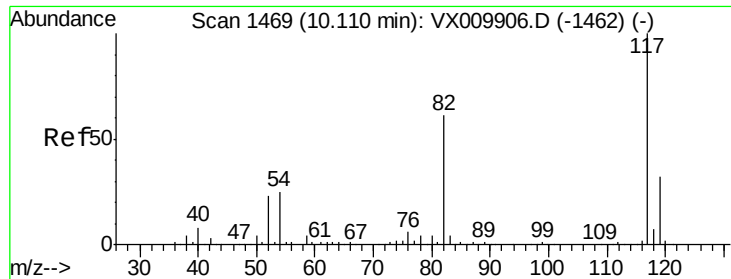


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

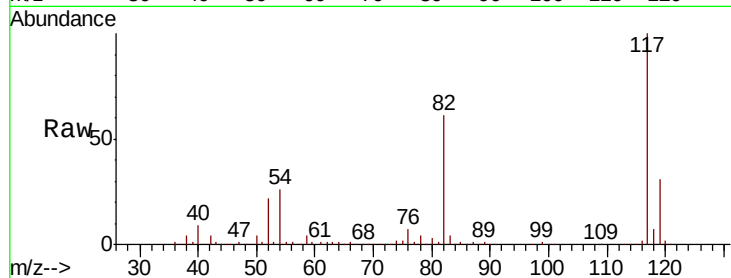




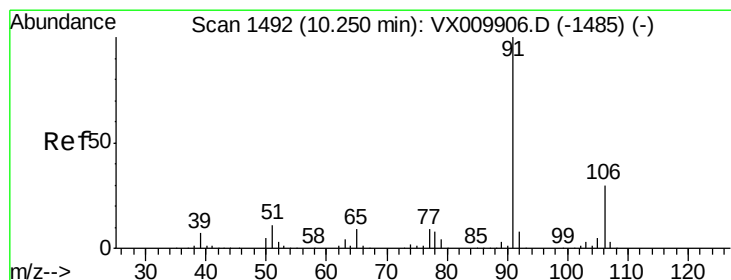
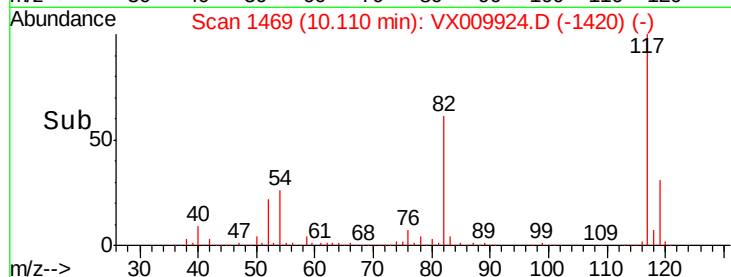
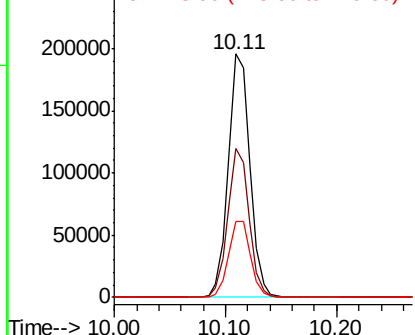
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009924.D
Acq: 28 May 2019 18:53

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

Tot Ion:117 Resp: 263268
Ion Ratio Lower Upper
117 100
82 61.3 49.2 73.8
119 31.3 25.2 37.8

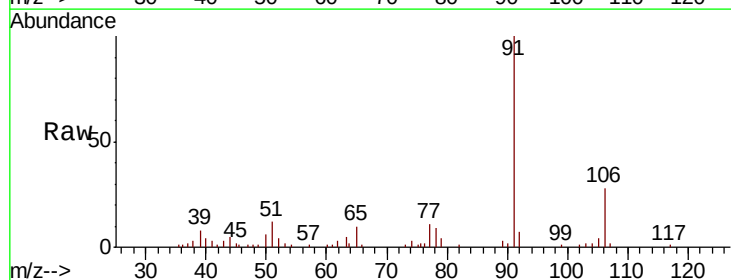


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

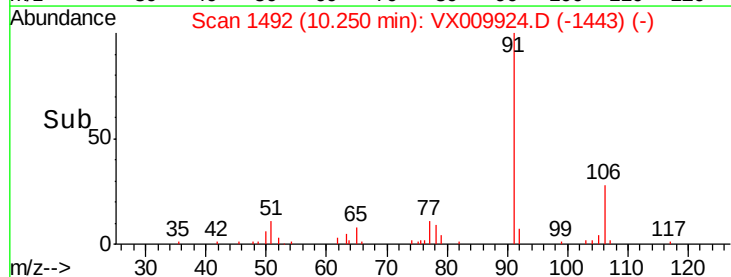
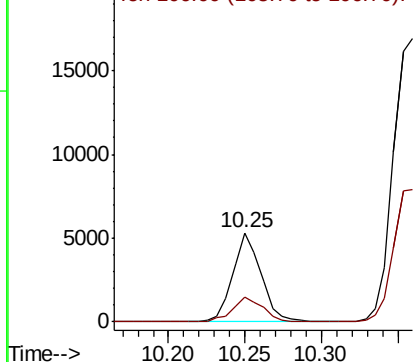


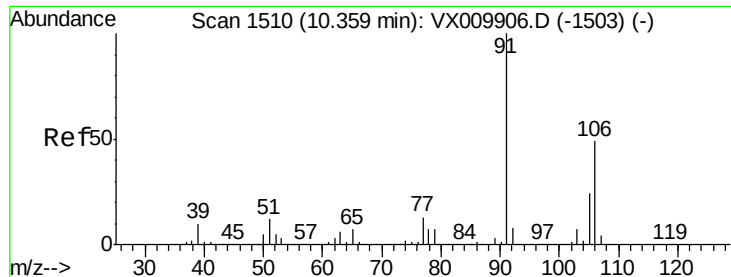
#67
Ethyl Benzene
Concen: 0.693 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009924.D
Acq: 28 May 2019 18:53

Tgt Ion: 91 Resp: 6857
Ion Ratio Lower Upper
91 100
106 28.1 23.9 35.9



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





#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 :

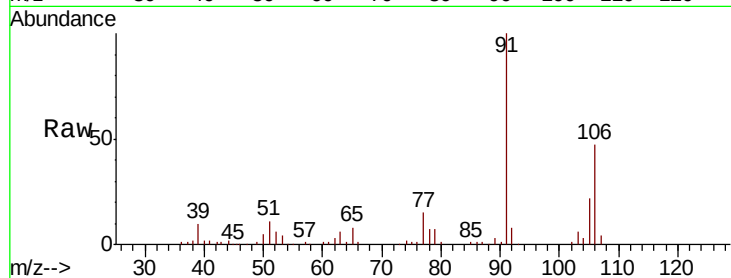
SSSI-0523-S-TCLP-11

Tot Ion:106 Resp: 11301

Ion Ratio Lower Upper

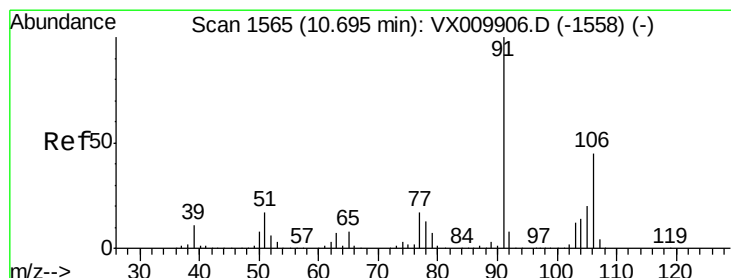
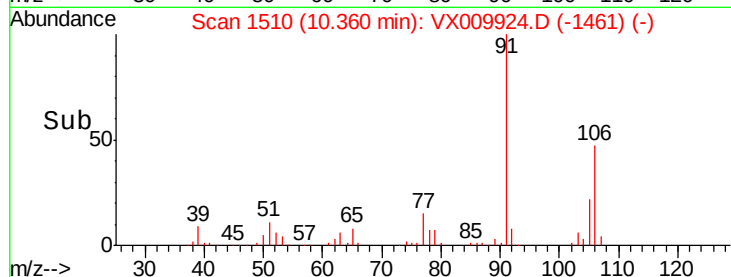
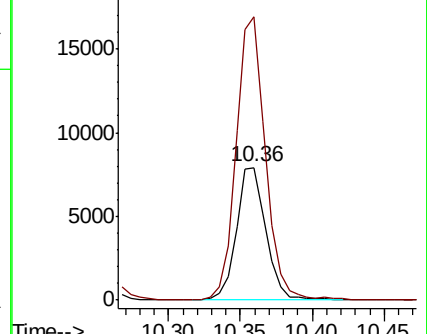
106 100

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

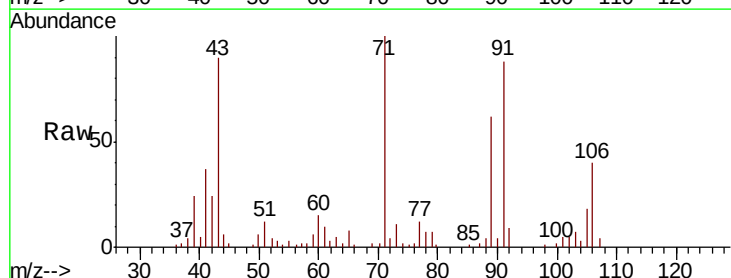
Acq: 28 May 2019 18:53

Tgt Ion:106 Resp: 5570

Ion Ratio Lower Upper

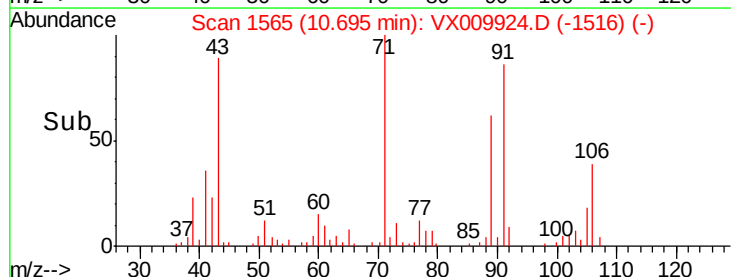
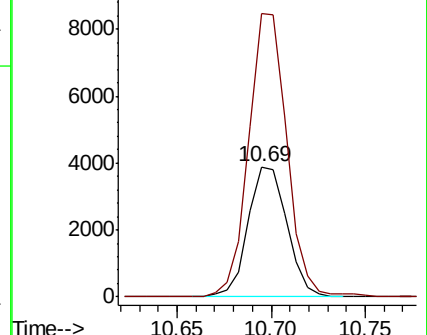
106 100

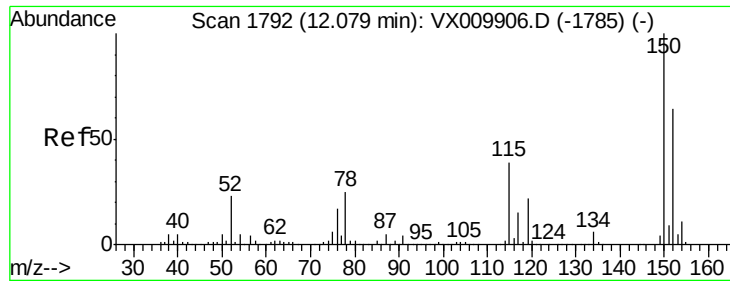
91 213.9 110.4 331.2



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

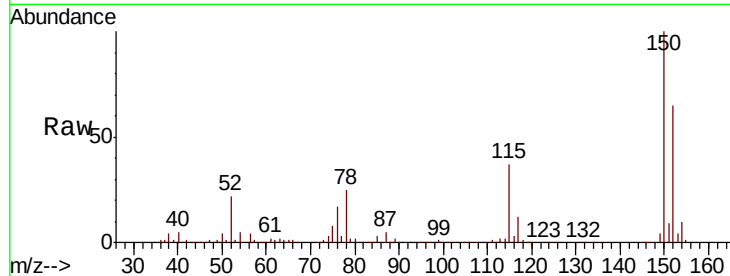
Tot Ion:152 Resp: 116322

Ion Ratio Lower Upper

152 100

115 58.7 41.4 124.2

150 157.3 0.0 345.2

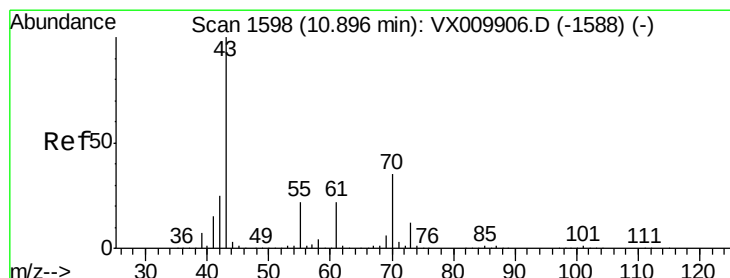
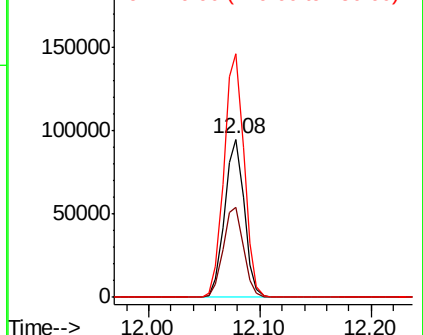
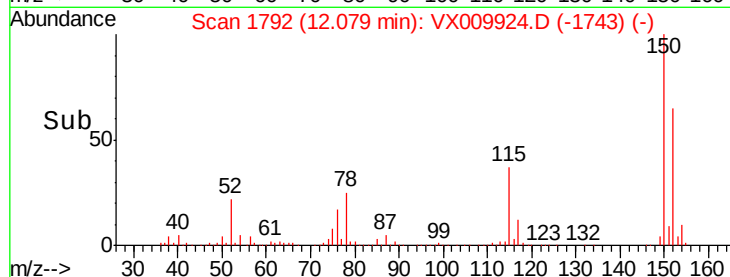


Abundance

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



#74

N-ethyl acetate

Concen: 2.249 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.20 min

Lab File: VX009924.D

Acq: 28 May 2019 18:53

Tgt Ion: 43 Resp: 11536

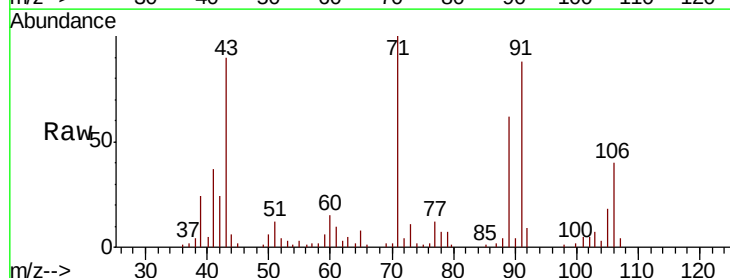
Ion Ratio Lower Upper

43 100

70 2.2 28.6 43.0#

55 4.8 17.8 26.8#

61 10.9 17.7 26.5#



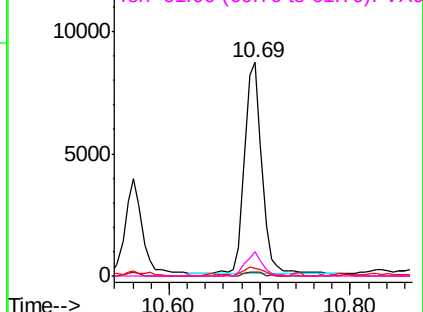
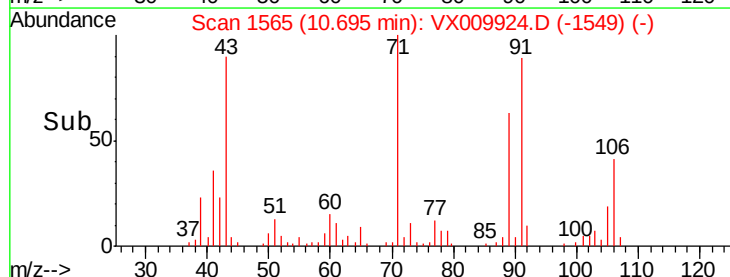
Abundance

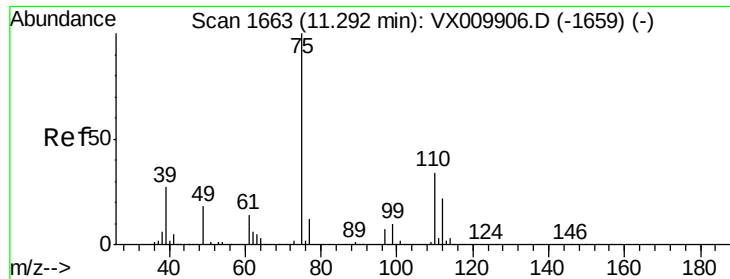
Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

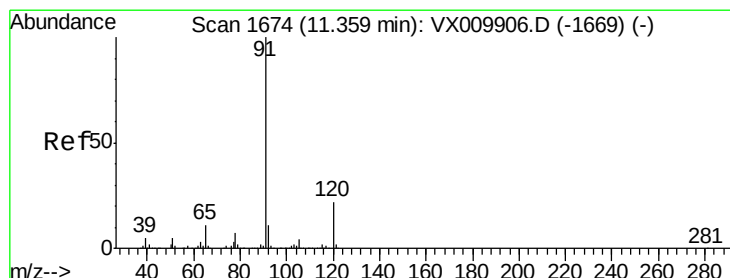
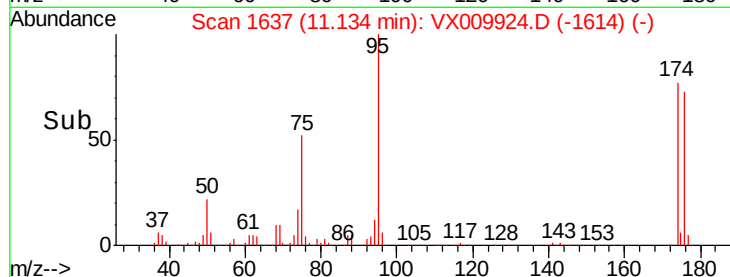
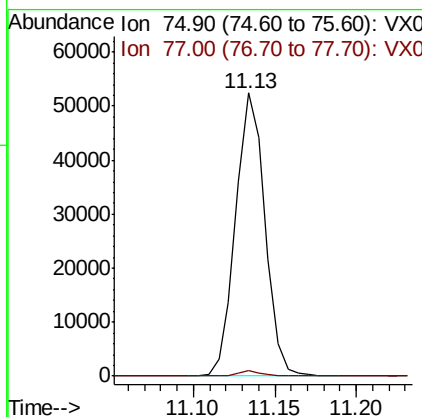
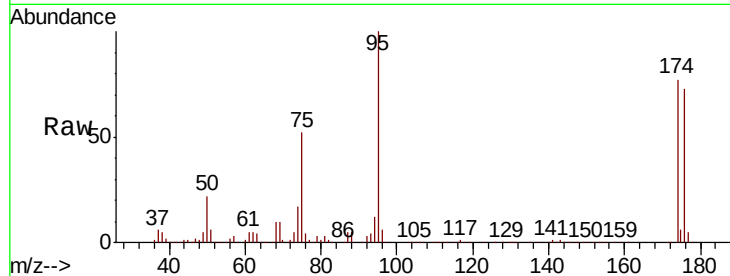




#76
 1,2,3-Trichloropropane
 Concen: 23.671 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX009924.D
 Acq: 28 May 2019 18:53

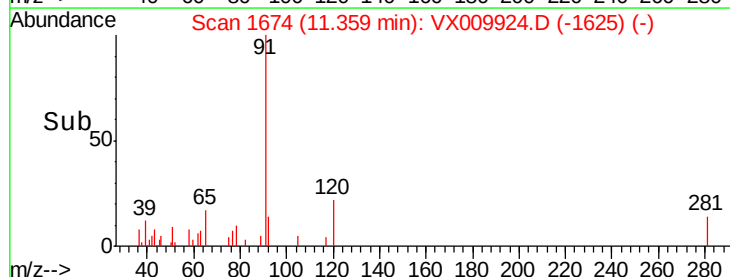
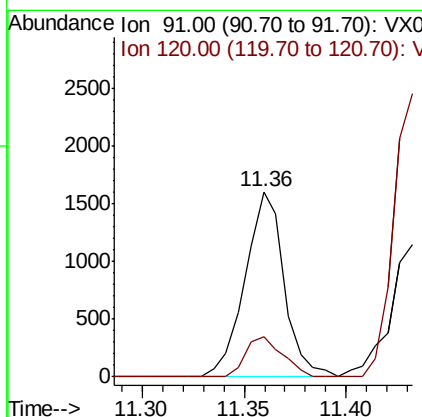
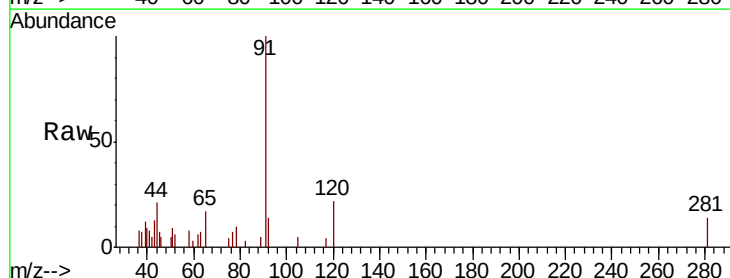
Instrument :
 MSVOA_X
 ClientSampleId :
 SSSI-0523-S-TCLP-11

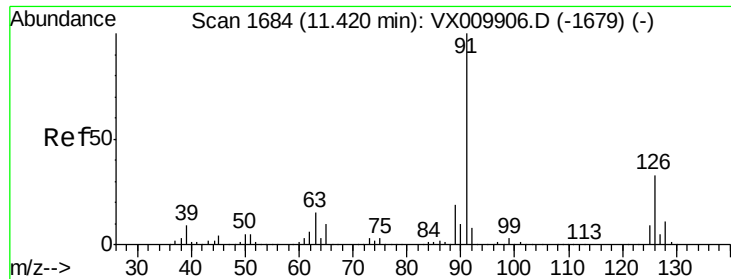
Tot Ion: 75 Resp: 65843
 Ion Ratio Lower Upper
 75 100
 77 1.5 22.1 66.1#



#78
 n-propylbenzene
 Concen: 0.216 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: VX009924.D
 Acq: 28 May 2019 18:53

Tgt Ion: 91 Resp: 2141
 Ion Ratio Lower Upper
 91 100
 120 20.3 11.1 33.3





#79

2-Chlorotoluene

Concen: 0.357 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX009924.D

Acq: 28 May 2019 18:53

Instrument :

MSVOA_X

ClientSampleId :

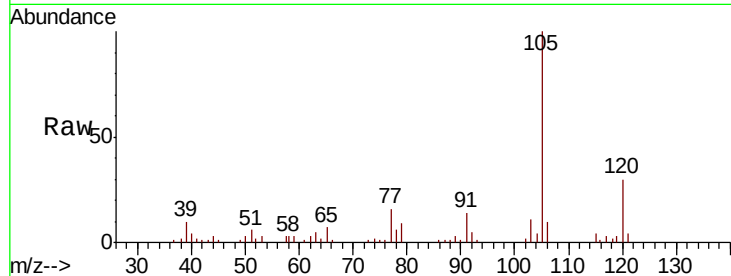
SSSI-0523-S-TCLP-11

Tot Ion: 91 Resp: 2157

Ion Ratio Lower Upper

91 100

126 0.0 16.1 48.3#



Abundance Ion 91.00 (90.70 to 91.70): VX009906.D (-1679) (-)

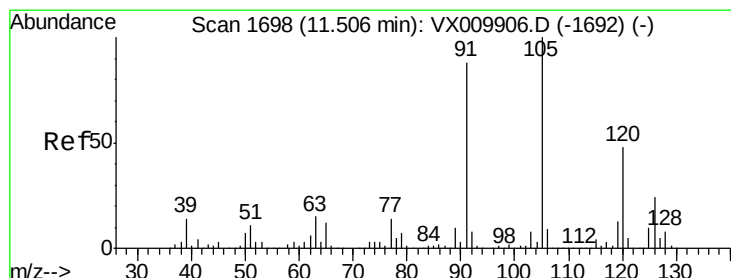
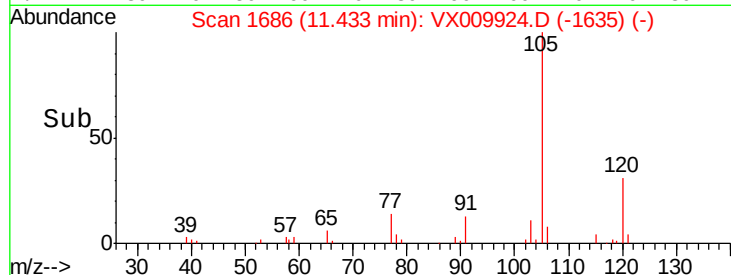
Ion 125.90 (125.60 to 126.60): VX009906.D (-1679) (-)

11.43

11.45

11.50

Time-->



#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

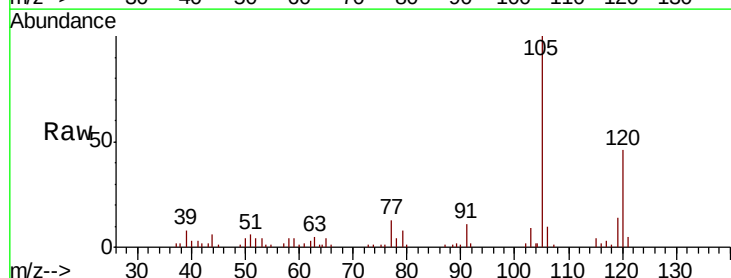
Acq: 28 May 2019 18:53

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): VX009906.D (-1692) (-)

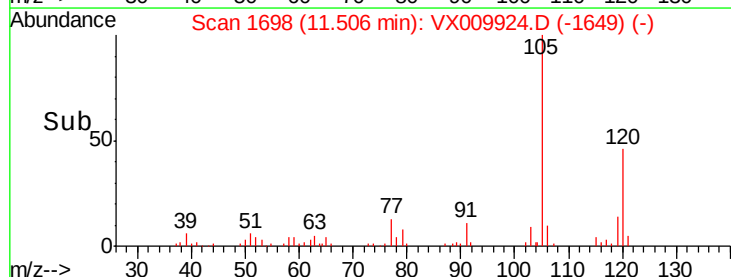
Ion 120.00 (119.70 to 120.70): VX009906.D (-1692) (-)

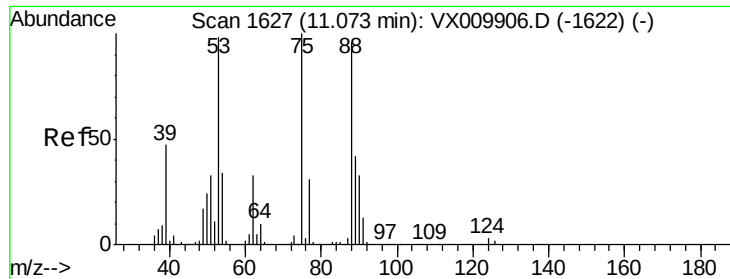
11.51

11.55

11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 58.565 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009924.D

Acq: 28 May 2019 18:53

Instrument :

MSVOA_X

ClientSampleId :

SSSI-0523-S-TCLP-11

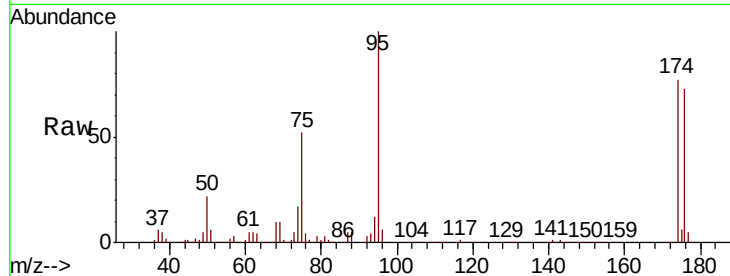
Tot Ion: 75 Resp: 65843

Ion Ratio Lower Upper

75 100

53 0.2 79.8 119.6#

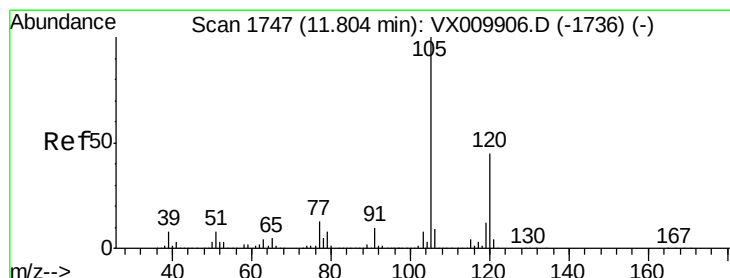
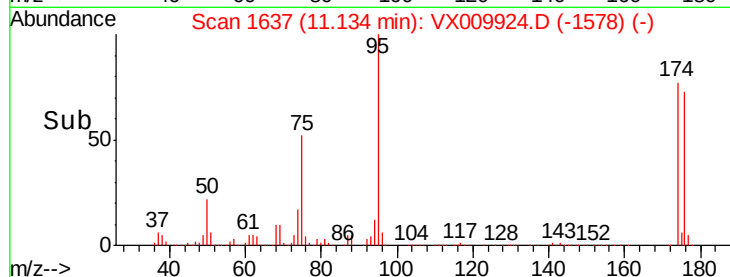
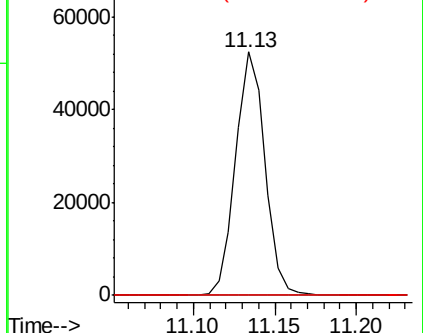
89 0.0 34.2 51.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#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

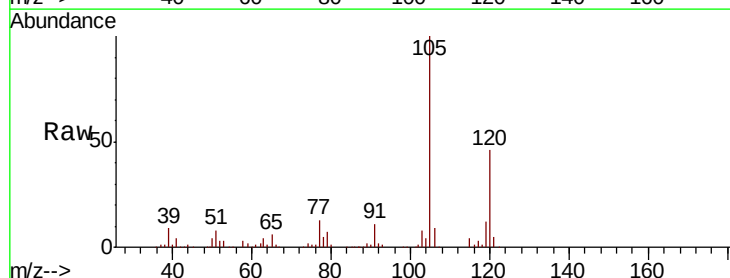
Acq: 28 May 2019 18:53

Tgt Ion:105 Resp: 42015

Ion Ratio Lower Upper

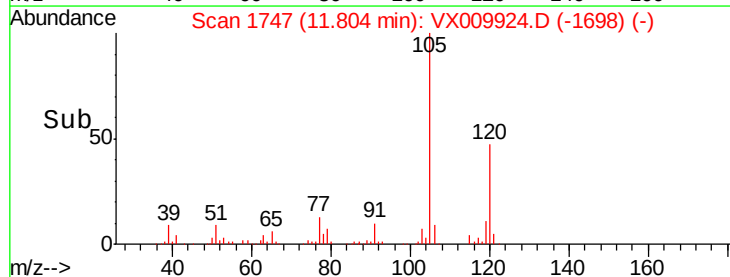
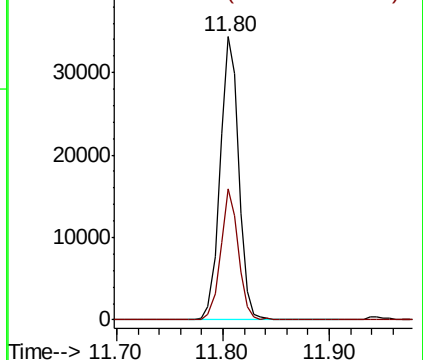
105 100

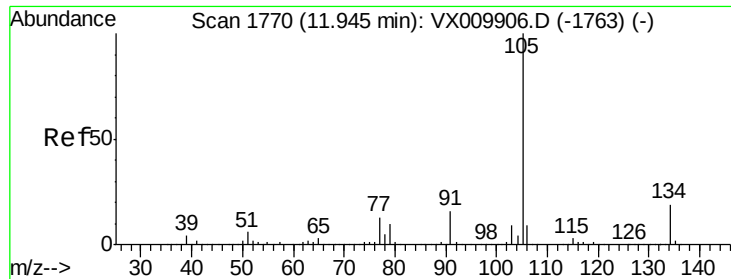
120 43.4 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 5.105 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX009924.D

Acq: 28 May 2019 18:53

Instrument :

MSVOA_X

ClientSampleId :

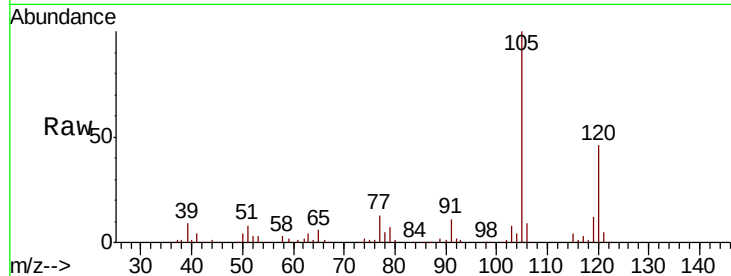
SSSI-0523-S-TCLP-11

Tot Ion:105 Resp: 42015

Ion Ratio Lower Upper

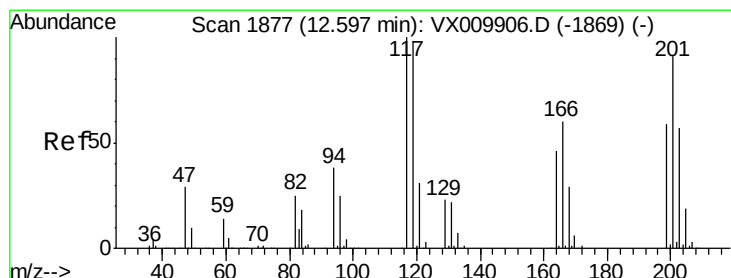
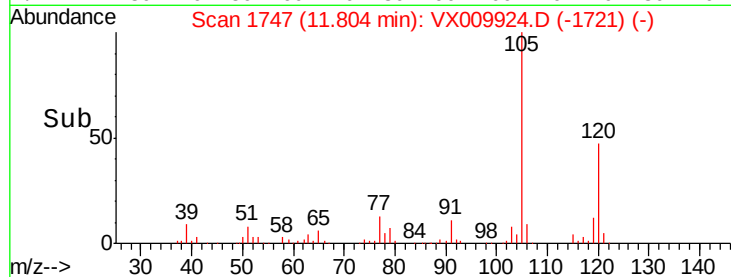
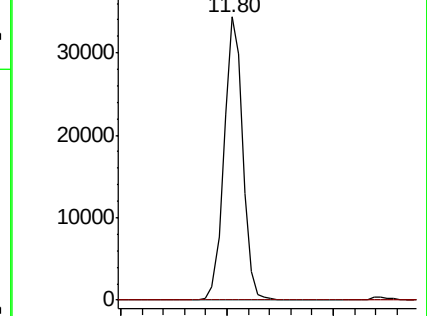
105 100

134 0.0 9.7 28.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 0.345 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX009924.D

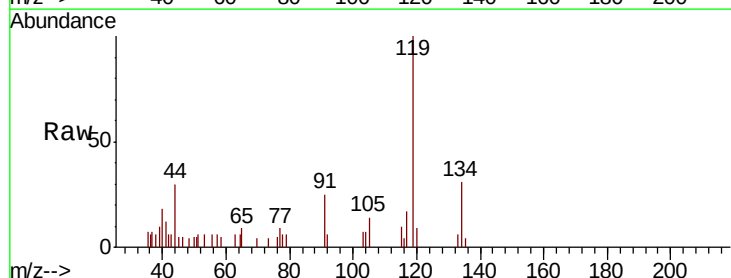
Acq: 28 May 2019 18:53

Tgt Ion:117 Resp: 438

Ion Ratio Lower Upper

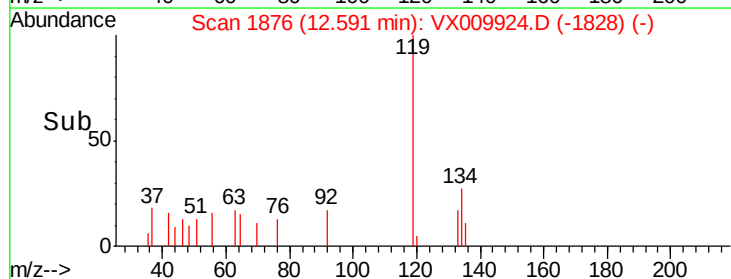
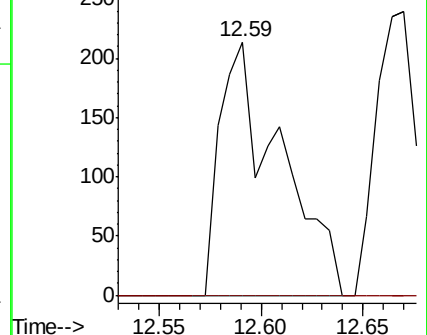
117 100

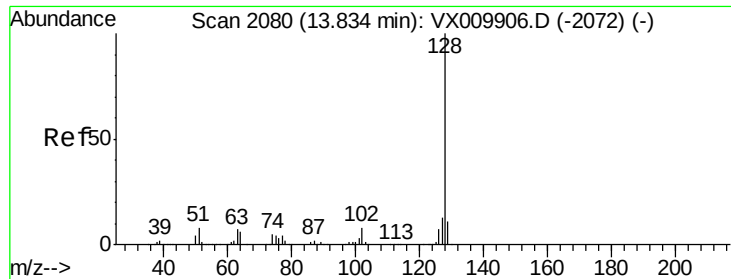
201 0.0 43.6 130.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

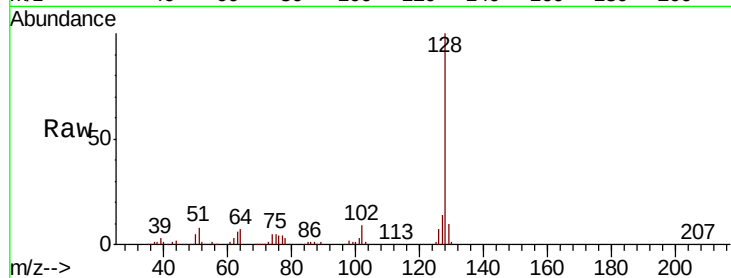




#95
 Naphthalene
 Concen: 3.447 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX009924.D
 Acq: 28 May 2019 18:53

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	10.6	8.8	13.2



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

