

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091918\
 Data File : VX004708.D
 Acq On : 19 Sep 2018 16:19
 Operator : JC/MD
 Sample : J4973-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CB-0918-S-TCLP-GRID56-1

Quant Time: Sep 20 03:49:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	209643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	323997	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	308084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173766	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	129627	47.95	ug/l	0.00
Spiked Amount						
			Recovery	=	95.90%	
35) Dibromofluoromethane	5.50	113	120069	40.50	ug/l	0.00
Spiked Amount						
			Recovery	=	81.00%	
50) Toluene-d8	8.72	98	453961	45.66	ug/l	0.00
Spiked Amount						
			Recovery	=	91.32%	
62) 4-Bromofluorobenzene	11.14	95	166604	46.94	ug/l	0.00
Spiked Amount						
			Recovery	=	93.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	651	Below Cal	#	80
10) Methyl Iodide	2.52	142	473	4.41	ug/l #	81
11) Tert butyl alcohol	3.07	59	797	1.24	ug/l	99
12) 1,1-Dichloroethene	2.38	96	627	0.29	ug/l #	68
13) Acrolein	2.30	56	63	0.25	ug/l #	57
16) Acetone	2.45	43	48510	36.77	ug/l	98
18) Methyl Acetate	2.78	43	5490	1.48	ug/l	96
20) Methylene Chloride	2.86	84	10411	3.85	ug/l	97
25) 2-Butanone	4.71	43	7276	3.47	ug/l	97
29) Tetrahydrofuran	5.16	42	1504	1.19	ug/l	90
30) Chloroform	5.23	83	1590	0.36	ug/l	96
31) Cyclohexane	5.57	56	5323	1.36	ug/l	92
36) 1,1-Dichloropropene	5.66	75	12618	3.21	ug/l #	50
38) Carbon Tetrachloride	5.66	117	17577	4.58	ug/l #	16
39) Methylcyclohexane	7.46	83	15533	3.78	ug/l	96
43) Isopropyl Acetate	6.46	43	133271	22.43	ug/l	99
48) Methyl methacrylate	7.69	41	6154	2.09	ug/l #	19
51) 4-Methyl-2-Pentanone	8.66	43	1760	0.42	ug/l #	86
54) cis-1,3-Dichloropropene	8.62	75	1012	0.25	ug/l #	48
55) 1,1,2-Trichloroethane	9.16	97	2106	0.71	ug/l #	22
58) 2-Chloroethyl Vinyl ether	8.57	63	64	7.30	ug/l #	45
59) 2-Hexanone	9.51	43	892	0.28	ug/l	94
67) Ethyl Benzene	10.26	91	9753	0.78	ug/l	98
68) m/p-Xylenes	10.36	106	2261	0.47	ug/l	99
73) Isopropylbenzene	11.02	105	24478	2.14	ug/l	97
76) 1,2,3-Trichloropropane	11.14	75	75702	21.65	ug/l #	37
78) n-propylbenzene	11.36	91	38388	2.92	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	9855	1.02	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.14	75	75702	69.02	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	8753	0.89	ug/l	98
85) sec-Butylbenzene	11.95	105	13305	1.14	ug/l	82
86) p-Isopropyltoluene	12.07	119	13642	1.32	ug/l	95
89) n-Butylbenzene	12.39	91	15127	1.61	ug/l #	51
90) Hexachloroethane	12.67	117	8647	5.24	ug/l #	3

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QLast Update : Wed Sep 12 02:17:23 2018
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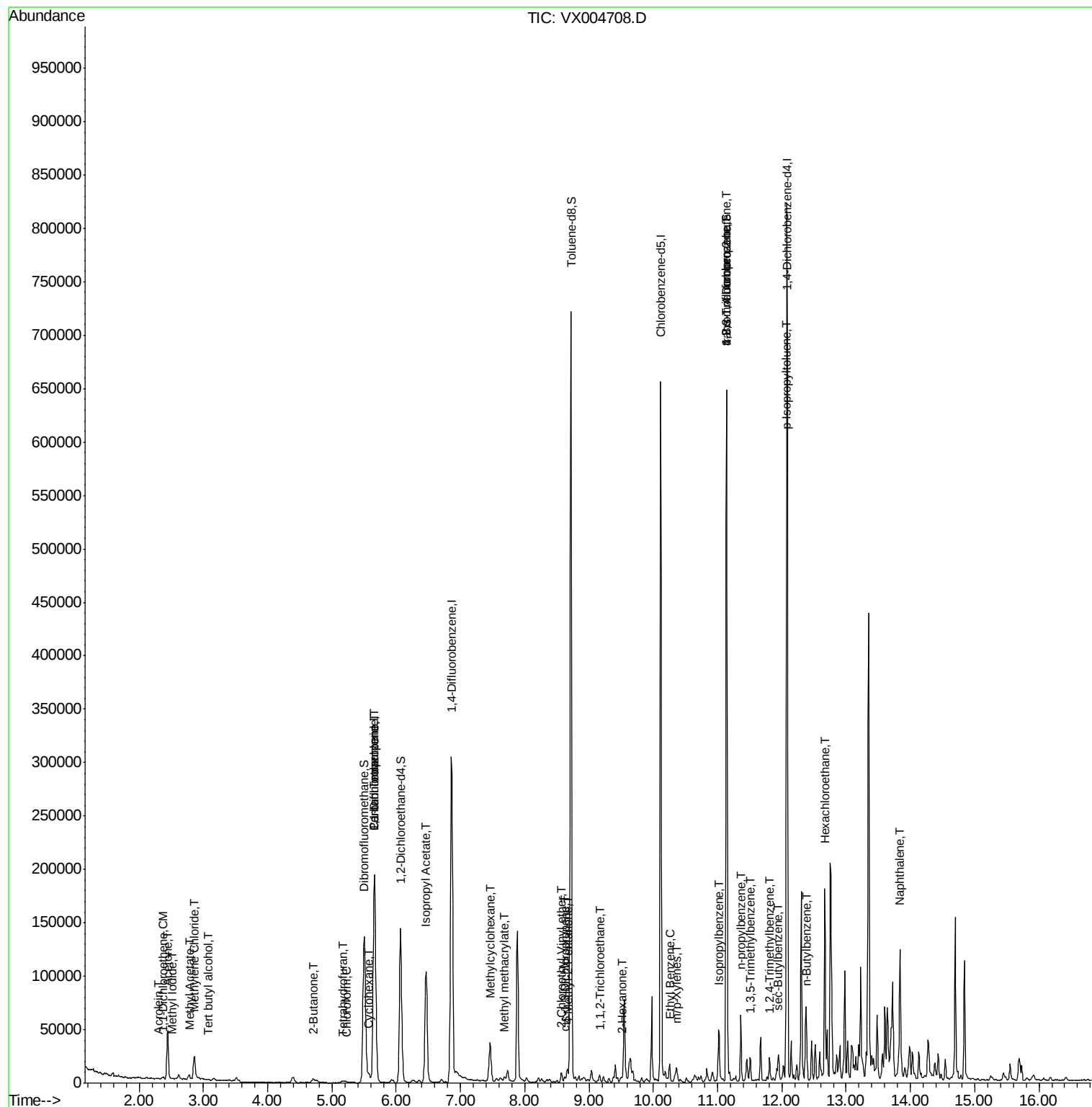
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	73178	6.17	ug/l #	95

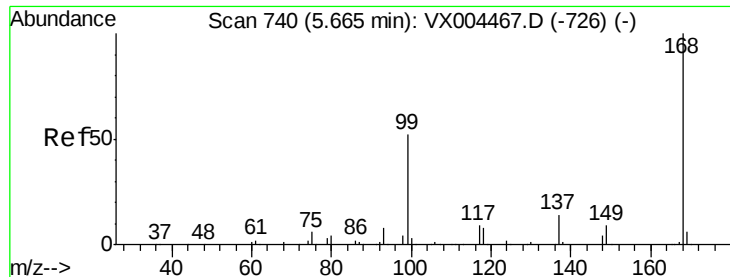
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091918\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX004708.D

Acq: 19 Sep 2018 16:19

Instrument :

MSVOA_X

ClientSampleId :

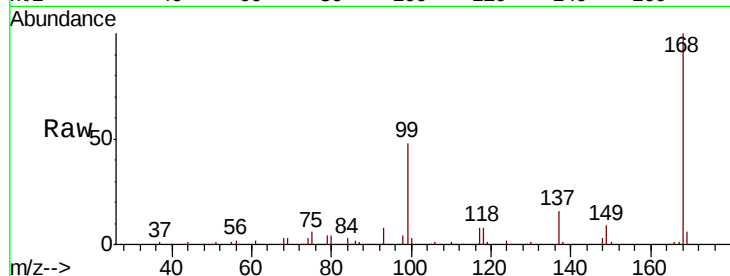
CB-0918-S-TCLP-GRID56-1

Tot Ion:168 Resp: 209643

Ion Ratio Lower Upper

168 100

99 48.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

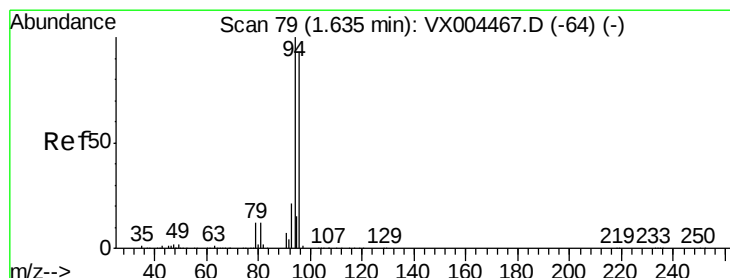
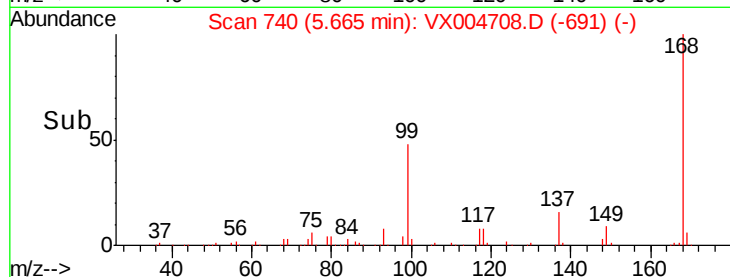
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX004708.D

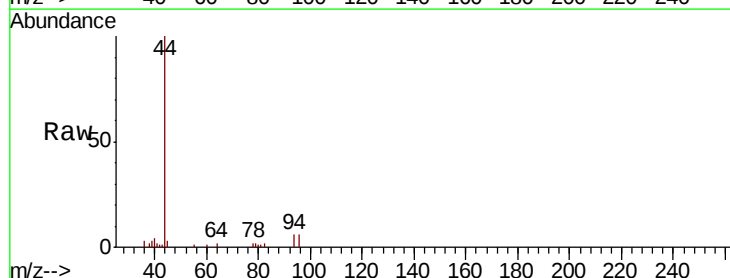
Acq: 19 Sep 2018 16:19

Tgt Ion: 94 Resp: 651

Ion Ratio Lower Upper

94 100

96 112.0 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

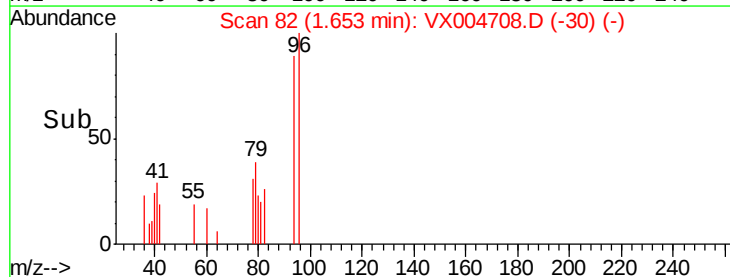
300

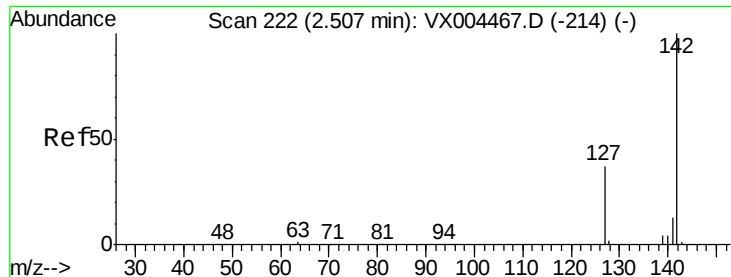
200

100

0

Time--> 1.60 1.65 1.70

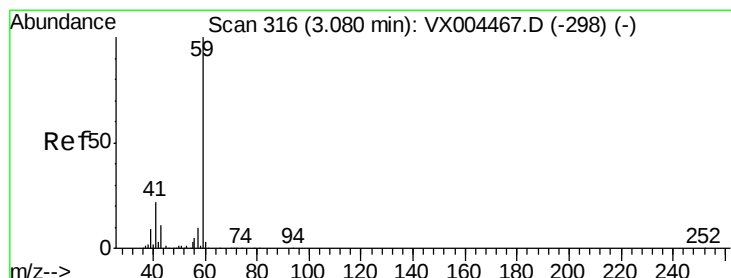
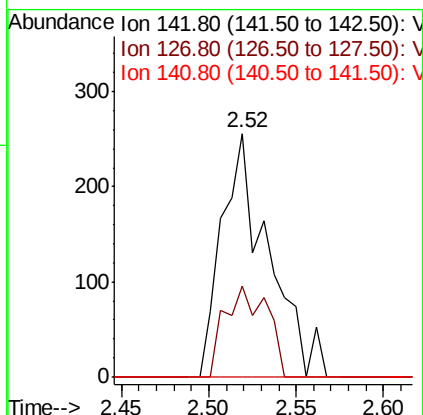
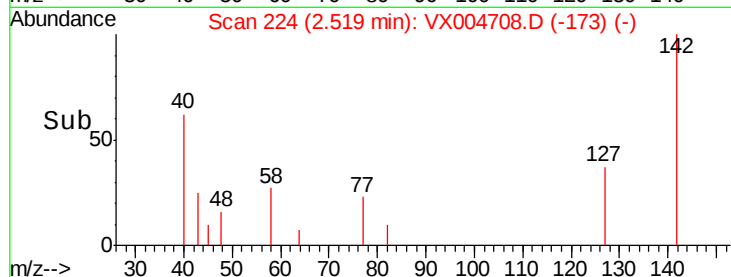
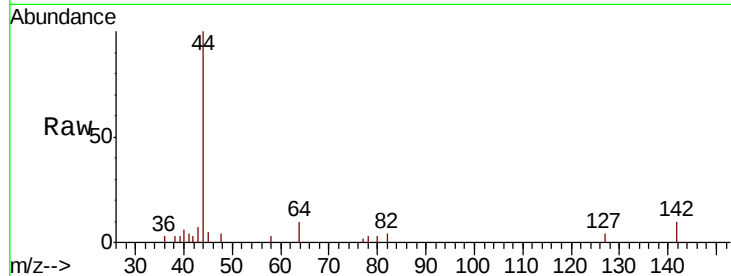




#10
Methvl Iodide
Concen: 4.41 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX004708.D
Acq: 19 Sep 2018 16:19

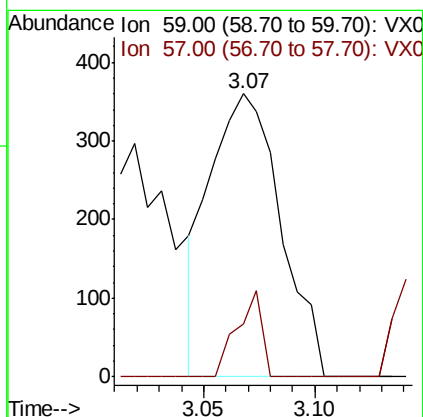
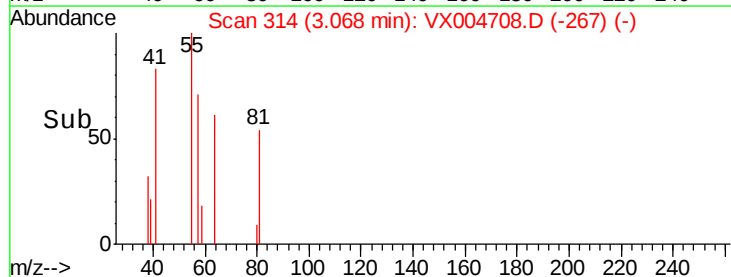
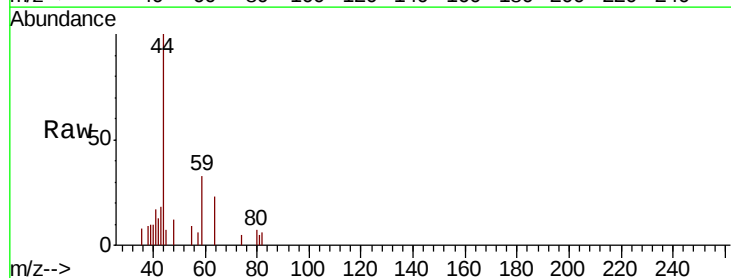
Instrument :
MSVOA_X
ClientSampleId :
CB-0918-S-TCLP-GRID56-1

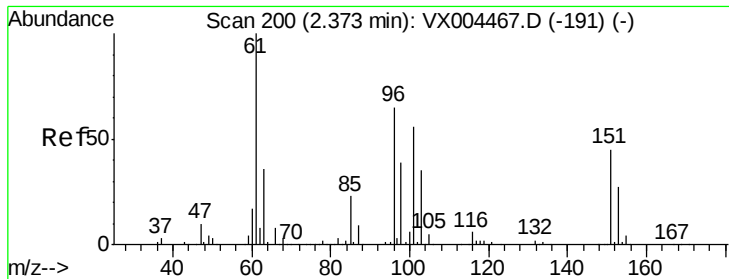
Tot Ion:142 Resp: 473
Ion Ratio Lower Upper
142 100
127 33.8 33.8 50.6
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.24 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX004708.D
Acq: 19 Sep 2018 16:19

Tgt Ion: 59 Resp: 797
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4





#12

1,1-Dichloroethene

Concen: 0.29 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX004708.D

Acq: 19 Sep 2018 16:19

Instrument :

MSVOA_X

ClientSampleId :

CB-0918-S-TCLP-GRID56-1

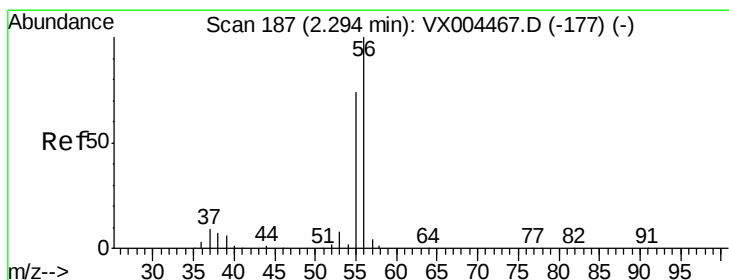
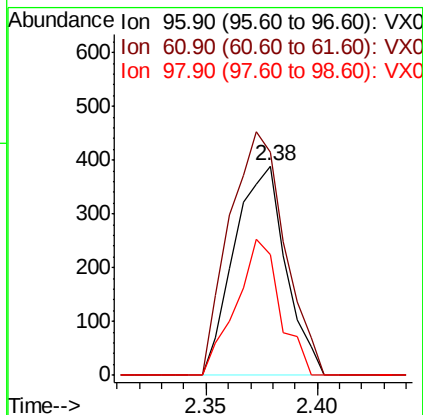
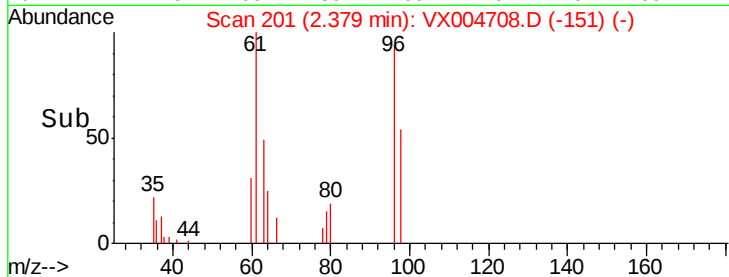
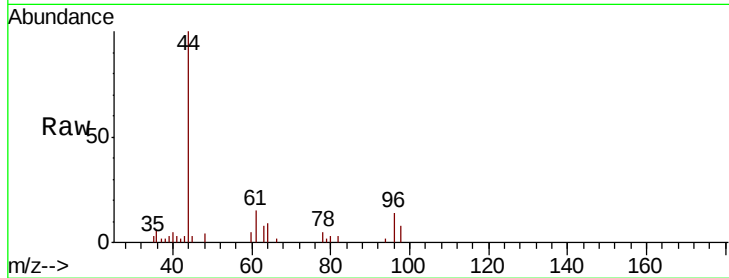
Tot Ion: 96 Resp: 627

Ion Ratio Lower Upper

96 100

61 106.9 128.8 193.2#

98 57.6 52.2 78.2



#13

Acrolein

Concen: 0.25 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX004708.D

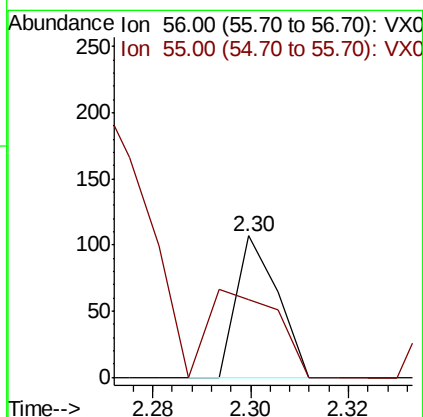
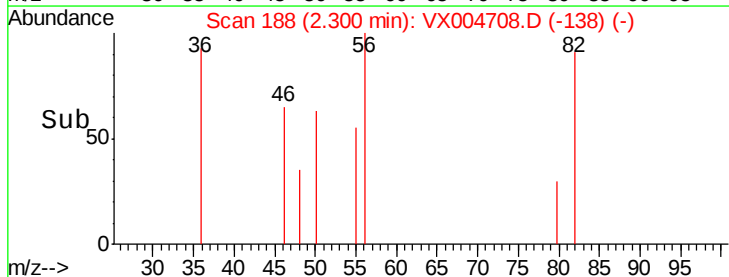
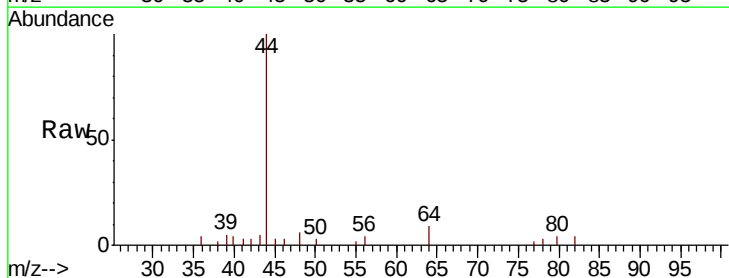
Acq: 19 Sep 2018 16:19

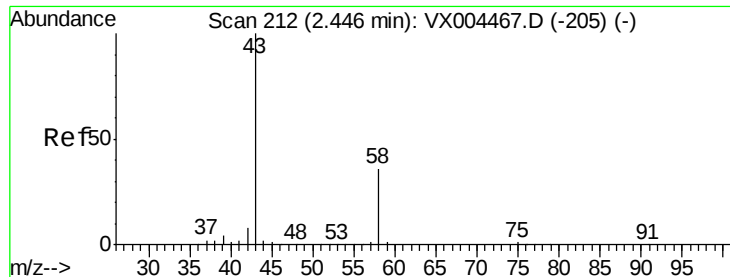
Tgt Ion: 56 Resp: 63

Ion Ratio Lower Upper

56 100

55 103.2 54.7 82.1#





#16

Acetone

Concen: 36.77 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004708.D

Acq: 19 Sep 2018 16:19

Instrument :

MSVOA_X

ClientSampleId :

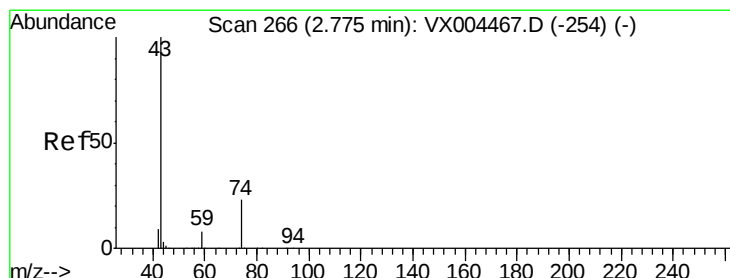
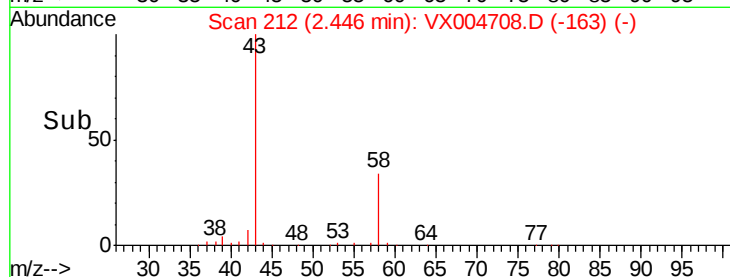
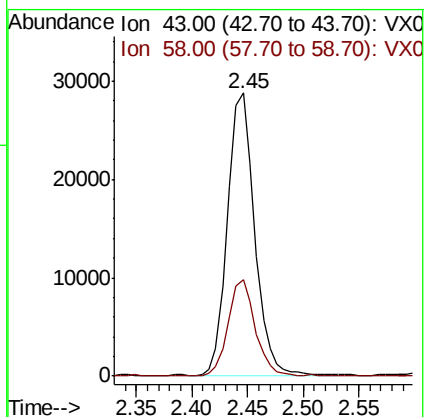
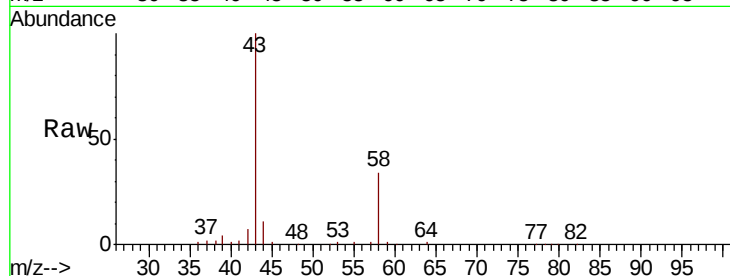
CB-0918-S-TCLP-GRID56-1

Tot Ion: 43 Resp: 48510

Ion Ratio Lower Upper

43 100

58 34.1 26.2 39.4



#18

Methyl Acetate

Concen: 1.48 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX004708.D

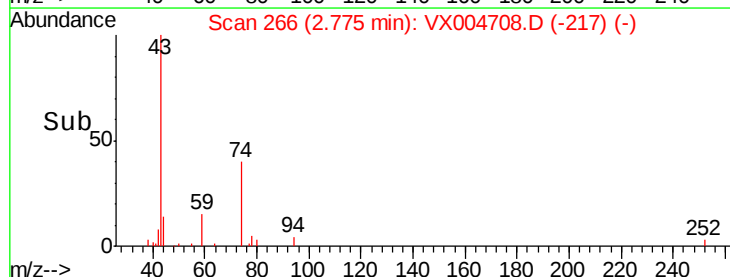
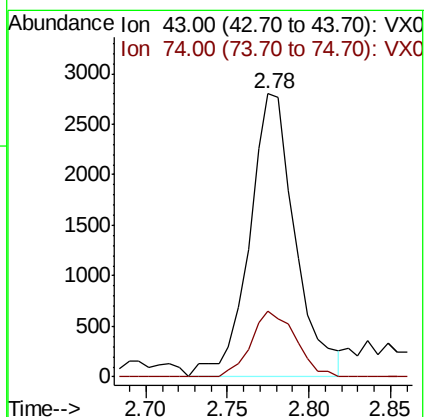
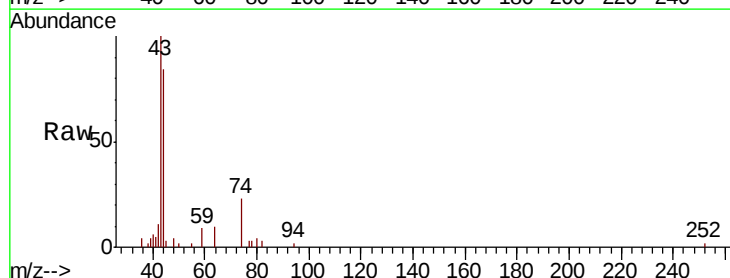
Acq: 19 Sep 2018 16:19

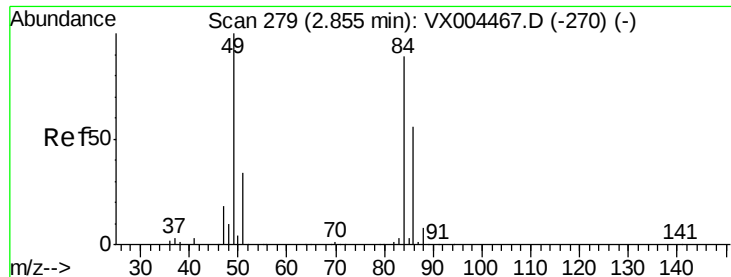
Tgt Ion: 43 Resp: 5490

Ion Ratio Lower Upper

43 100

74 22.6 19.4 29.2

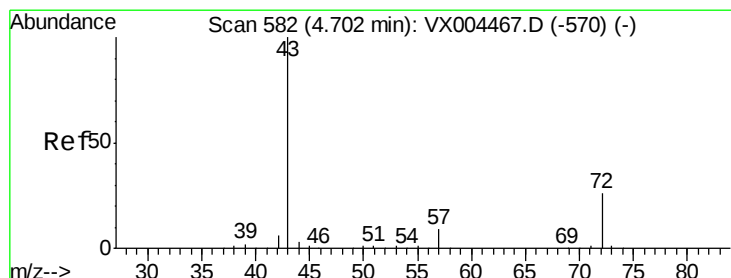
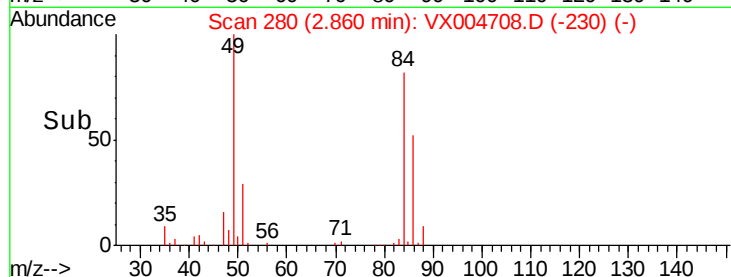
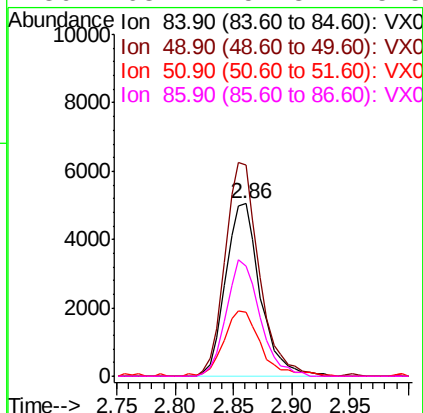
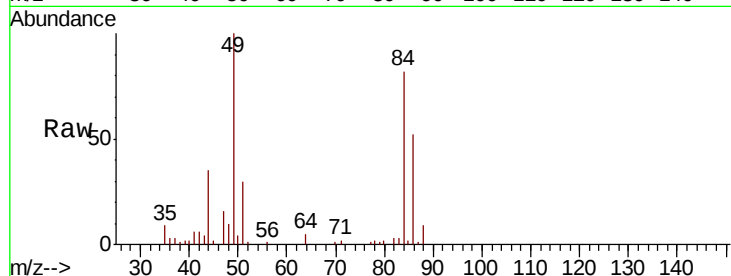




#20
Methvlene Chloride
Concen: 3.85 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004708.D
Acq: 19 Sep 2018 16:19

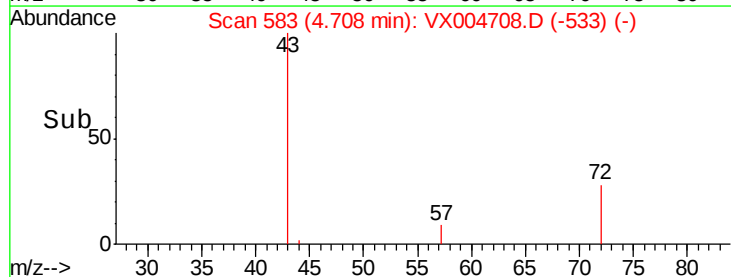
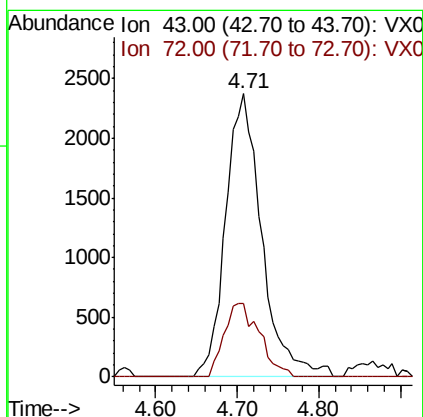
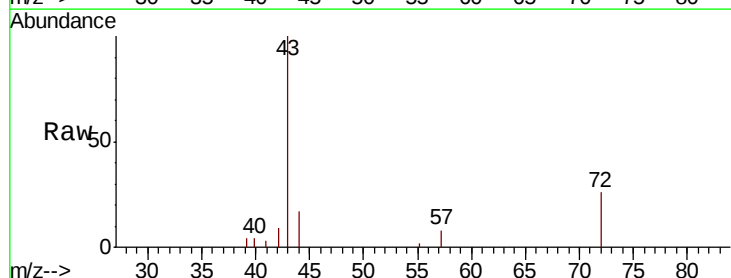
Instrument :
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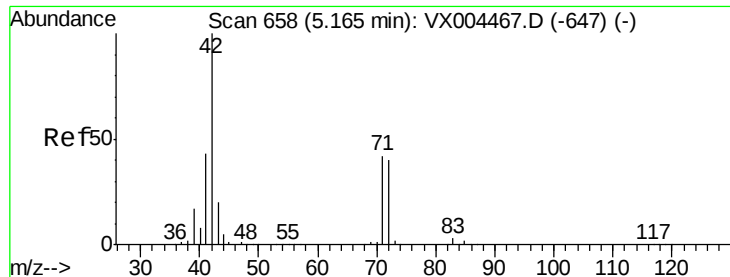
Tot Ion:	84	Resp:	10411
Ion	Ratio	Lower	Upper
84	100		
49	122.5	101.2	151.8
51	36.8	29.5	44.3
86	63.7	52.3	78.5



#25
2-Butanone
Concen: 3.47 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX004708.D
Acq: 19 Sep 2018 16:19

Tgt Ion:	43	Resp:	7276
Ion	Ratio	Lower	Upper
43	100		
72	25.9	22.0	33.0





#29

Tetrahydrofuran

Concen: 1.19 ug/l

RT: 5.16 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX004708.D

Acq: 19 Sep 2018 16:19

Instrument :

MSVOA_X

ClientSampleId :

CB-0918-S-TCLP-GRID56-1

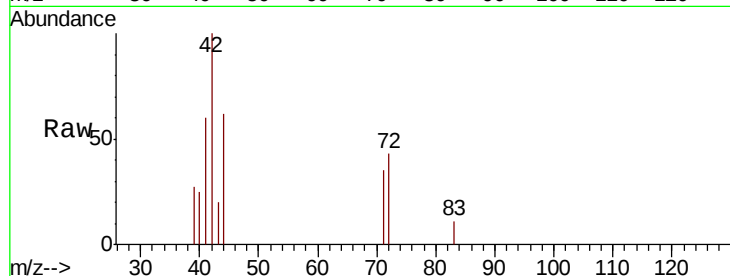
Tot Ion: 42 Resp: 1504

Ion Ratio Lower Upper

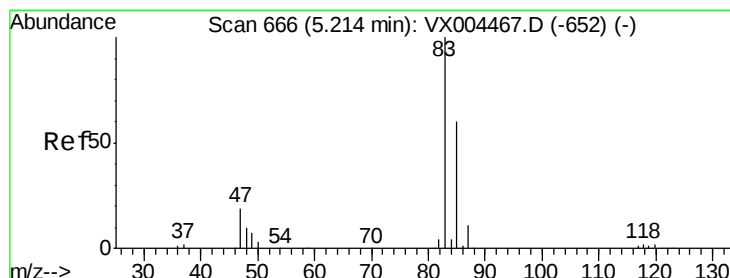
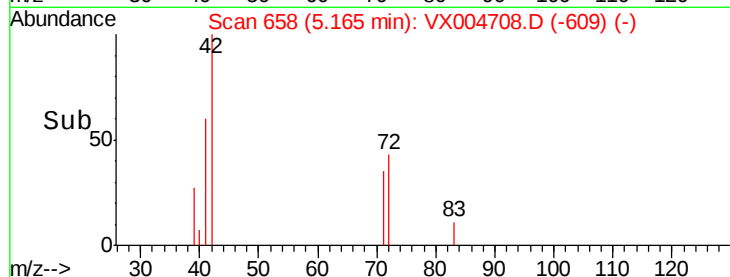
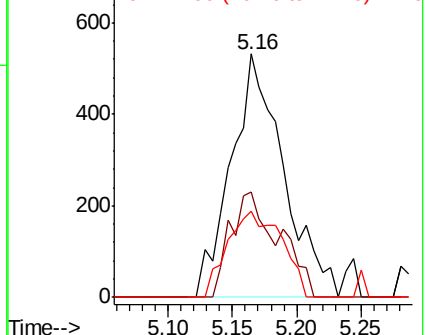
42 100

72 40.3 37.4 56.0

71 36.6 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 0.36 ug/l

RT: 5.23 min Scan# 668

Delta R.T. 0.01 min

Lab File: VX004708.D

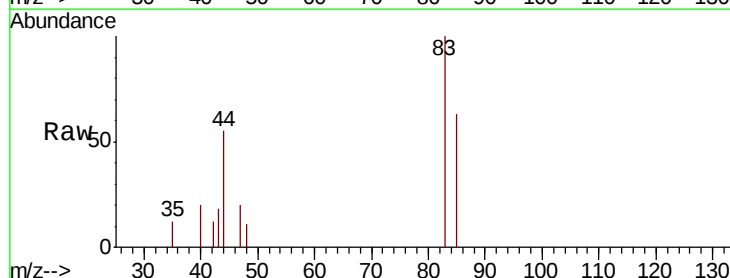
Acq: 19 Sep 2018 16:19

Tgt Ion: 83 Resp: 1590

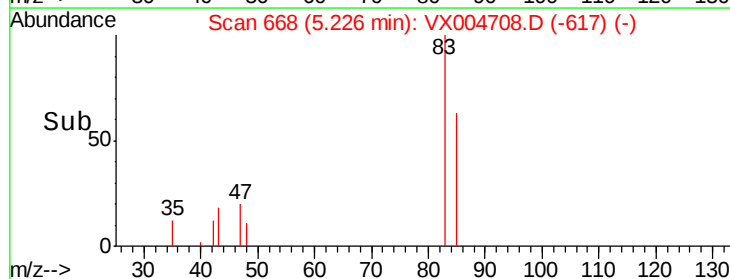
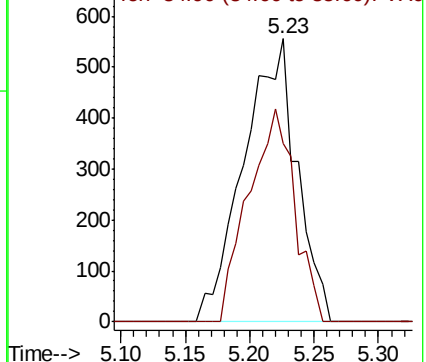
Ion Ratio Lower Upper

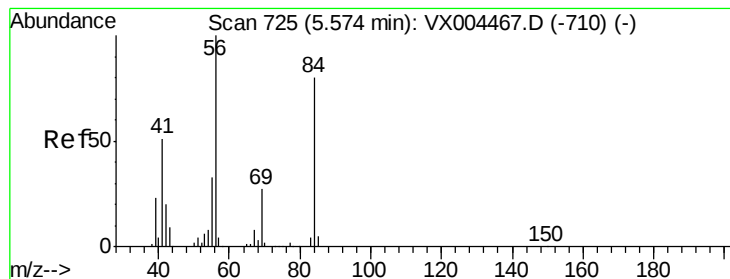
83 100

85 62.9 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 1.36 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX004708.D

Acq: 19 Sep 2018 16:19

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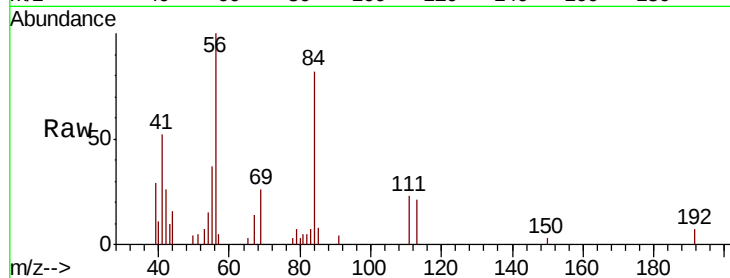
Tot Ion: 56 Resp: 5323

Ion Ratio Lower Upper

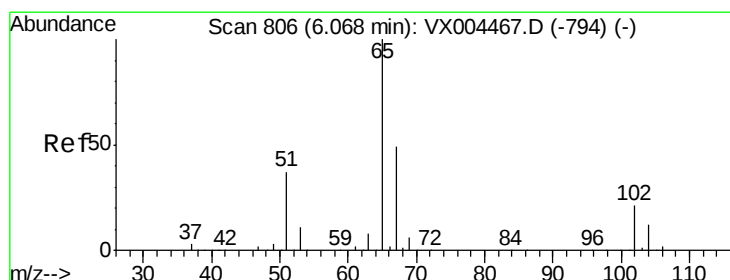
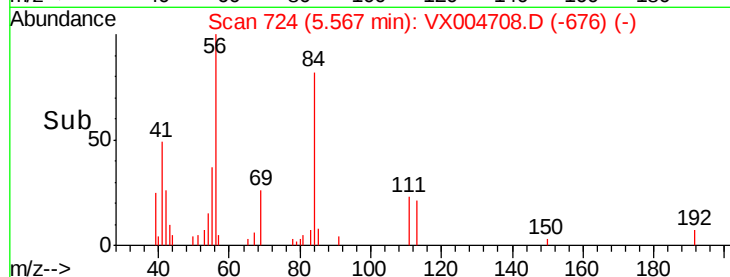
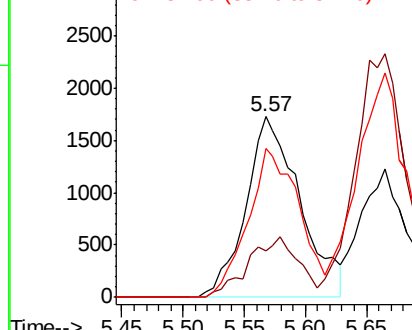
56 100

69 25.6 25.4 38.2

84 82.4 71.4 107.2



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.95 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004708.D

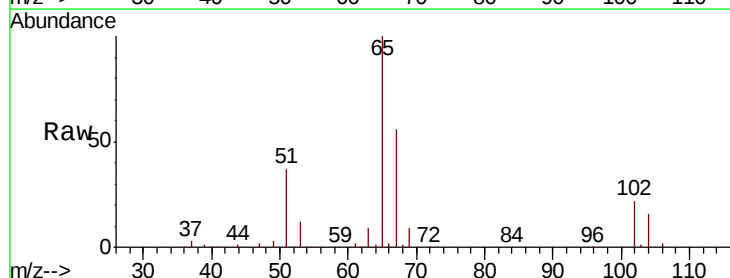
Acq: 19 Sep 2018 16:19

Tgt Ion: 65 Resp: 129627

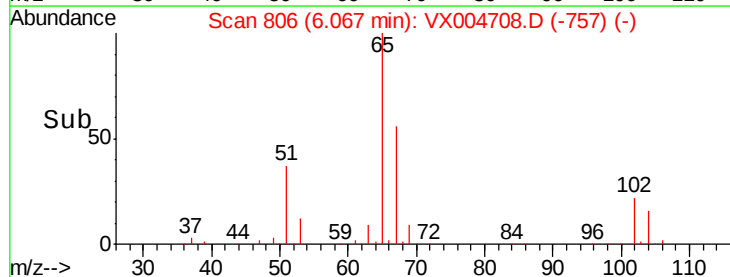
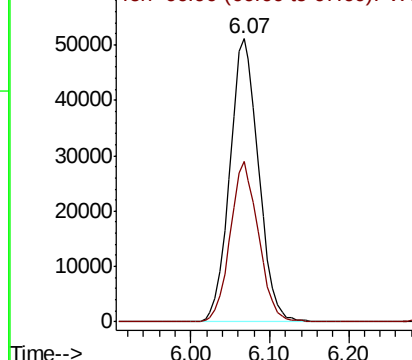
Ion Ratio Lower Upper

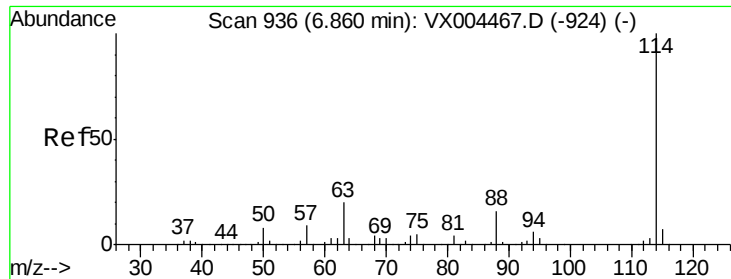
65 100

67 55.3 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

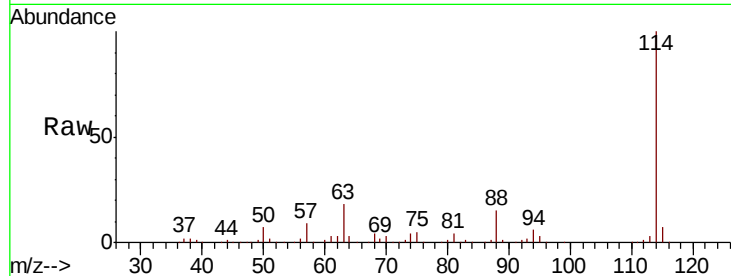




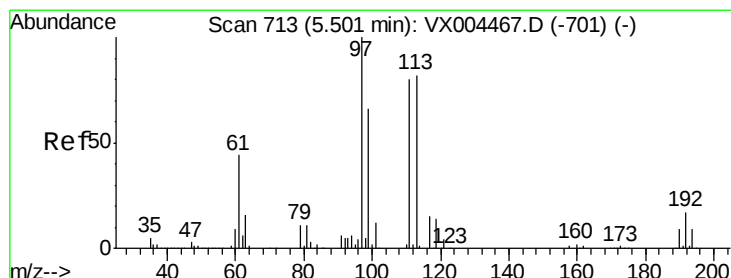
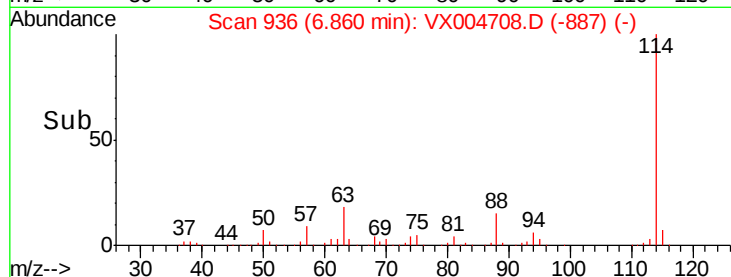
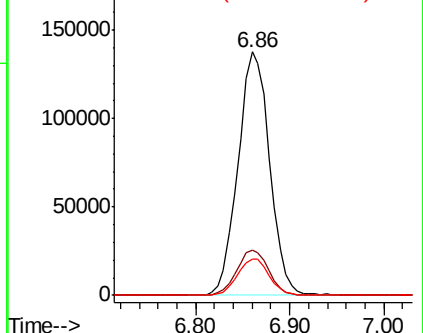
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004708.D
 Acq: 19 Sep 2018 16:19

Instrument :
 MSVOA_X
 ClientSampleId :
 CB-0918-S-TCLP-GRID56-1

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	39.0
88	15.1	0.0	30.4

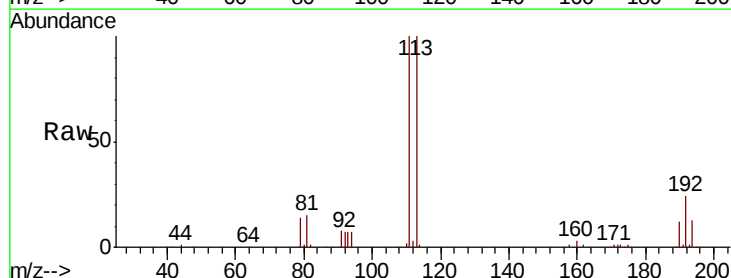


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

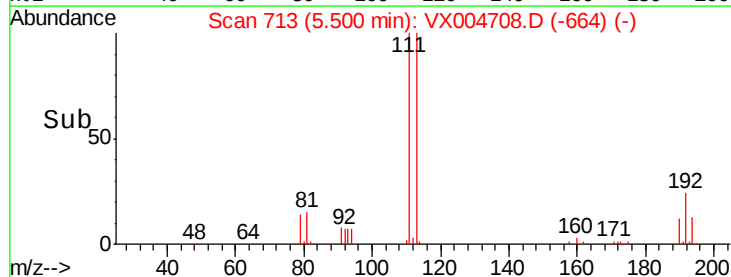
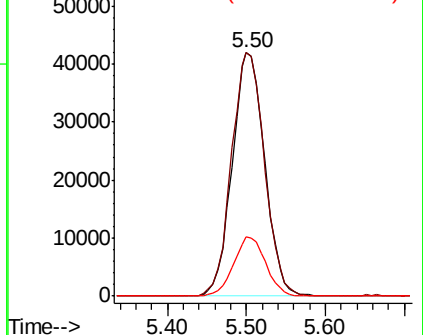


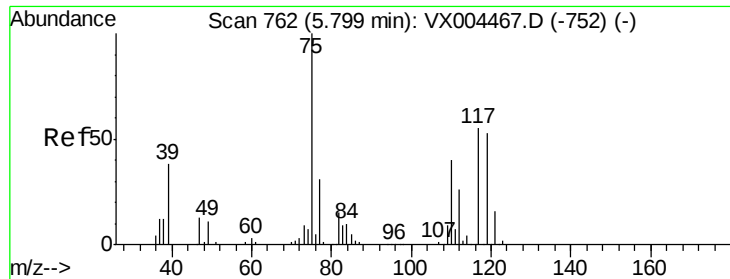
#35
 Dibromofluoromethane
 Concen: 40.50 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004708.D
 Acq: 19 Sep 2018 16:19

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.4	123.6
192	24.0	19.4	29.2



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

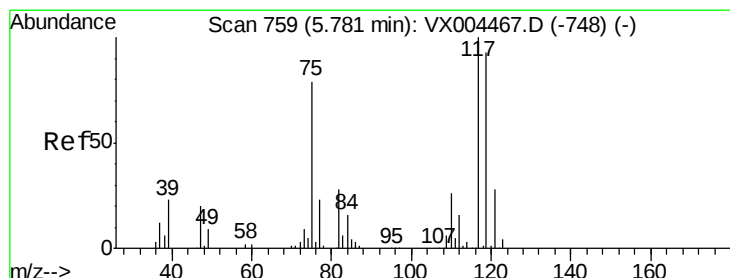
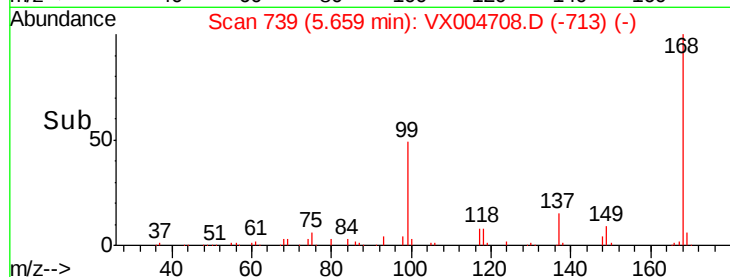
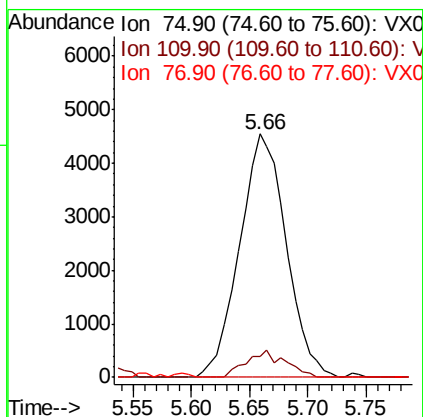
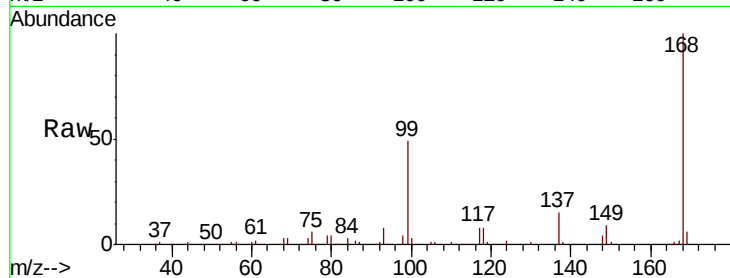




#36
 1,1-Dichloropropene
 Concen: 3.21 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX004708.D
 Acq: 19 Sep 2018 16:19

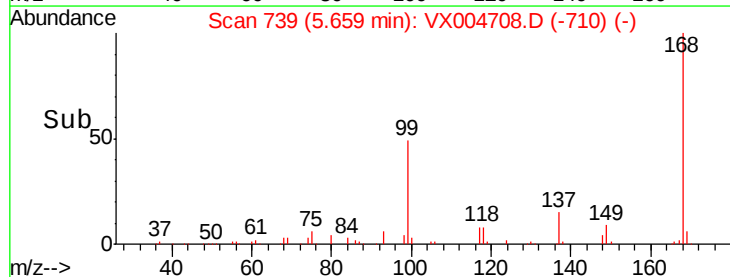
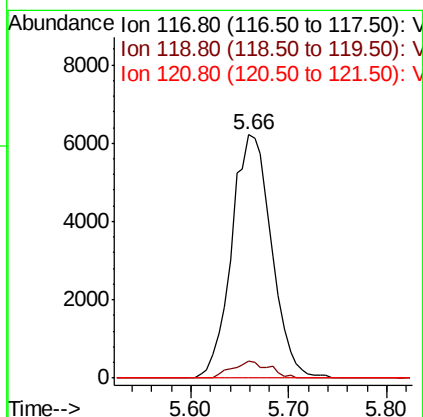
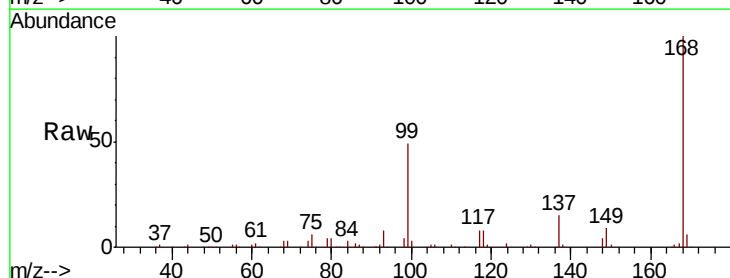
Instrument :
 MSVOA_X
 ClientSampleId :
 CB-0918-S-TCLP-GRID56-1

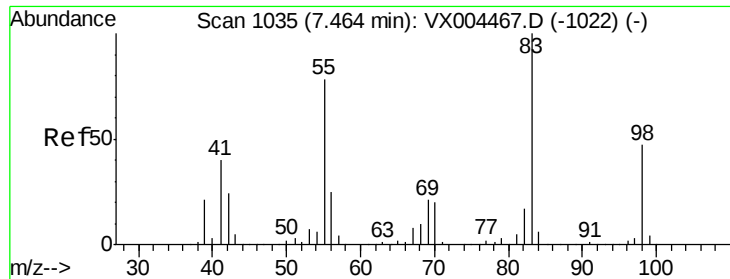
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.0	54.0#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 4.58 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX004708.D
 Acq: 19 Sep 2018 16:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.9	78.8	118.2#
121	0.0	24.9	37.3#

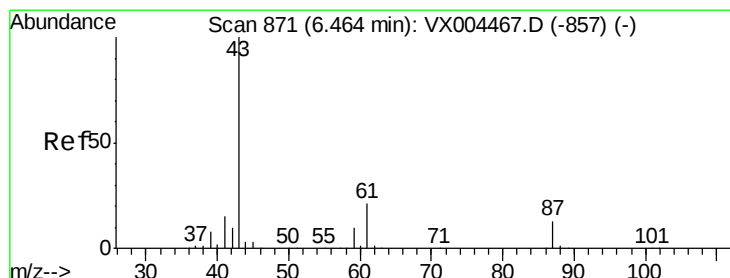
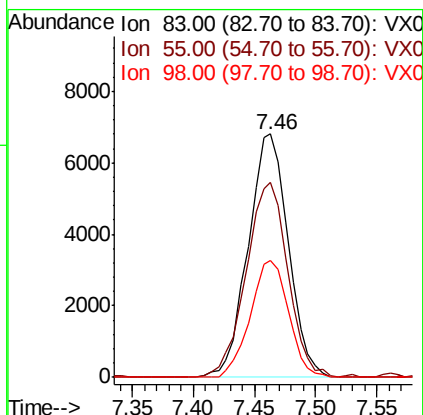
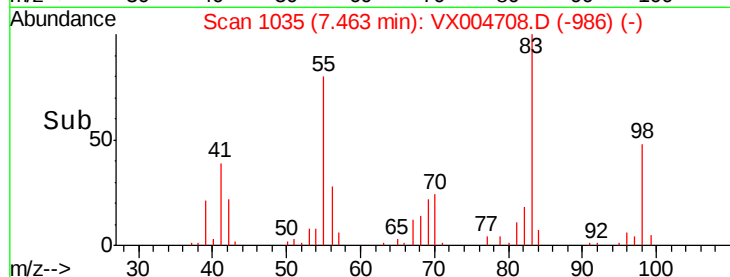
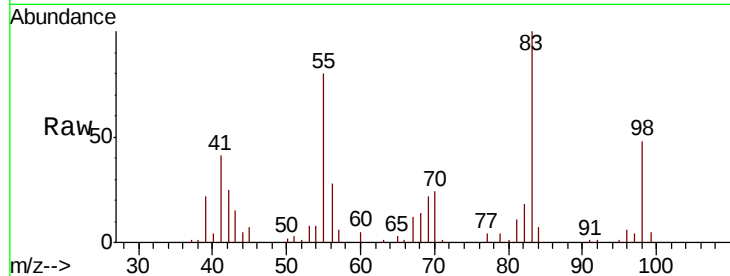




#39
Methvlcvclohexane
Concen: 3.78 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004708.D
Acq: 19 Sep 2018 16:19

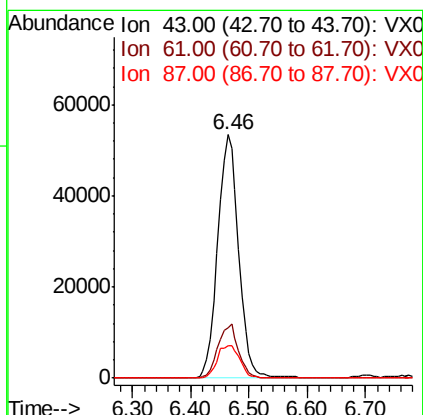
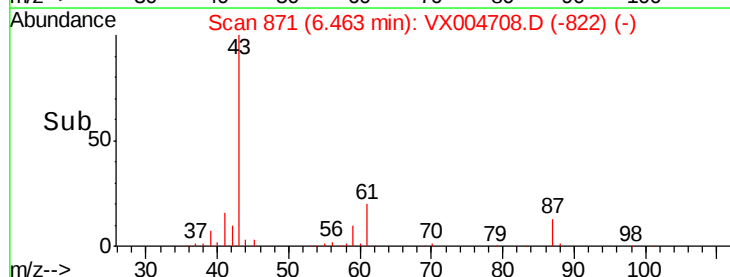
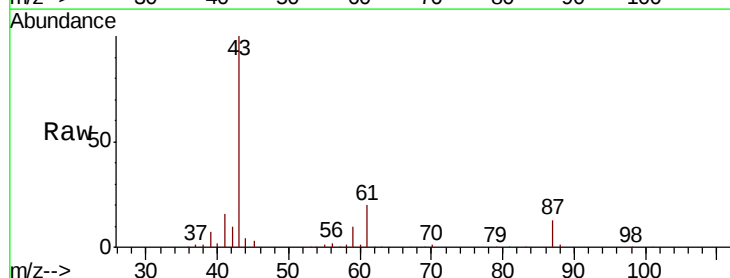
Instrument :
MSVOA_X
ClientSampleId :
CB-0918-S-TCLP-GRID56-1

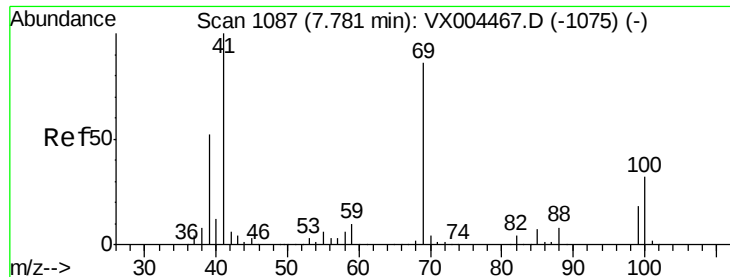
Tot Ion: 83 Resp: 15533
Ion Ratio Lower Upper
83 100
55 80.2 61.0 91.4
98 48.2 39.6 59.4



#43
Isopropyl Acetate
Concen: 22.43 ug/l
RT: 6.46 min Scan# 871
Delta R.T. -0.00 min
Lab File: VX004708.D
Acq: 19 Sep 2018 16:19

Tgt Ion: 43 Resp: 133271
Ion Ratio Lower Upper
43 100
61 21.7 17.0 25.4
87 14.5 11.4 17.2





#48

Methvl methacrylate

Concen: 2.09 ug/l

RT: 7.69 min Scan# 1072

Delta R.T. -0.09 min

Lab File: VX004708.D

Acq: 19 Sep 2018 16:19

Instrument :

MSVOA_X

ClientSampleId :

CB-0918-S-TCLP-GRID56-1

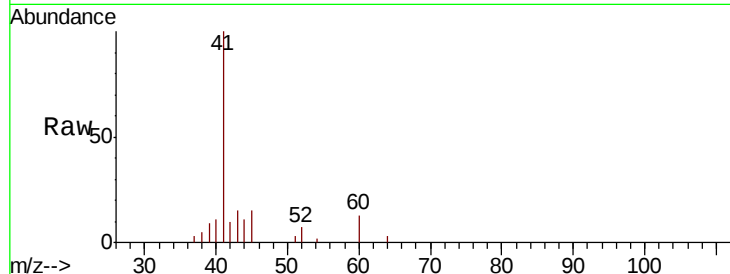
Tot Ion: 41 Resp: 6154

Ion Ratio Lower Upper

41 100

69 0.0 70.2 105.4#

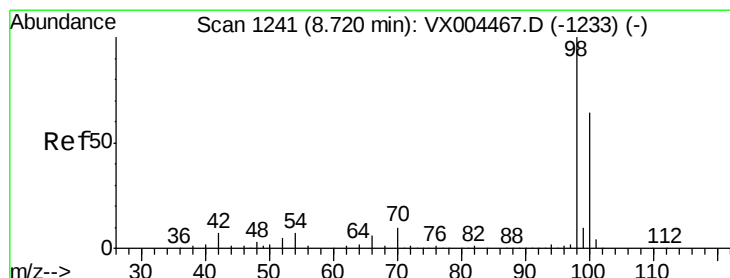
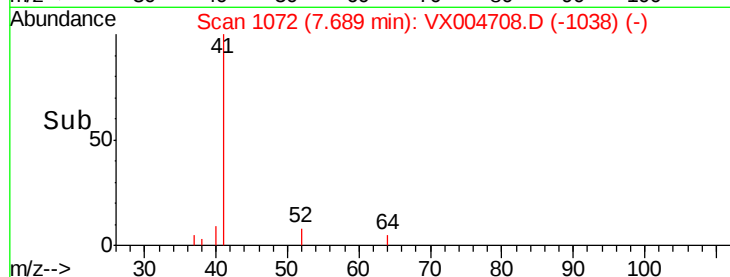
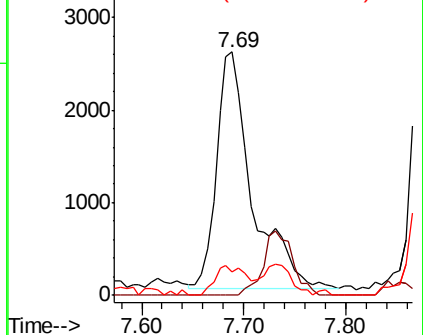
39 10.7 42.7 64.1#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#50

Toluene-d8

Concen: 45.66 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX004708.D

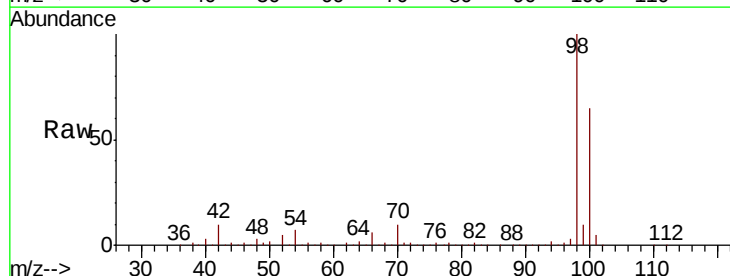
Acq: 19 Sep 2018 16:19

Tgt Ion: 98 Resp: 453961

Ion Ratio Lower Upper

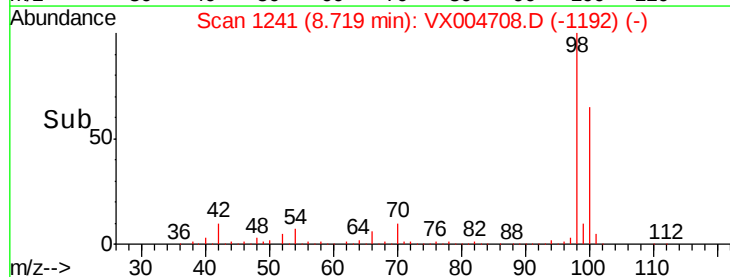
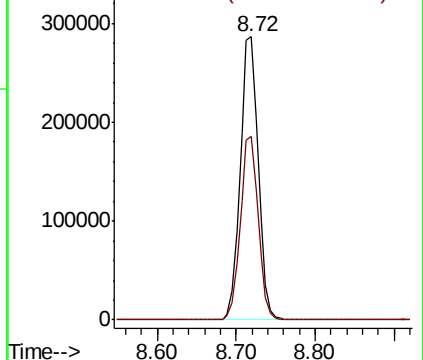
98 100

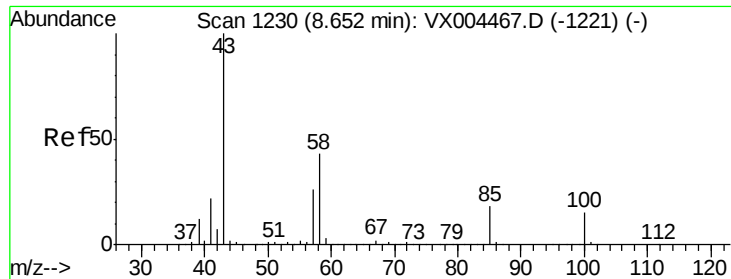
100 64.3 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 0.42 ug/l

RT: 8.66 min Scan# 1231

Delta R.T. 0.01 min

Lab File: VX004708.D

Acq: 19 Sep 2018 16:19

Instrument :

MSVOA_X

ClientSampleId :

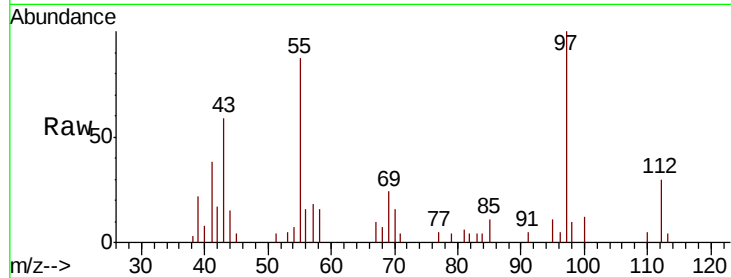
CB-0918-S-TCLP-GRID56-1

Tot Ion: 43 Resp: 1760

Ion Ratio Lower Upper

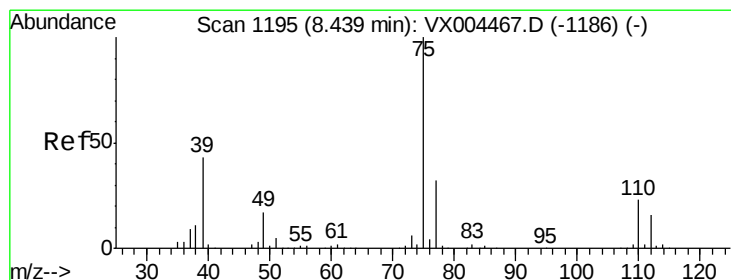
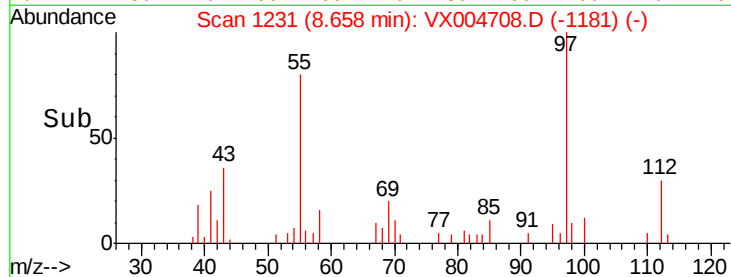
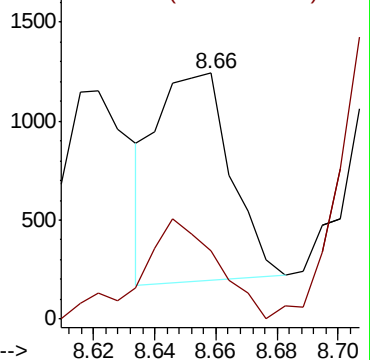
43 100

58 50.3 33.1 49.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 0.25 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. 0.18 min

Lab File: VX004708.D

Acq: 19 Sep 2018 16:19

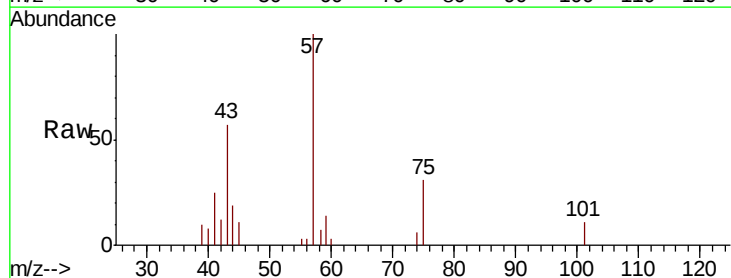
Tgt Ion: 75 Resp: 1012

Ion Ratio Lower Upper

75 100

77 0.0 26.2 39.2#

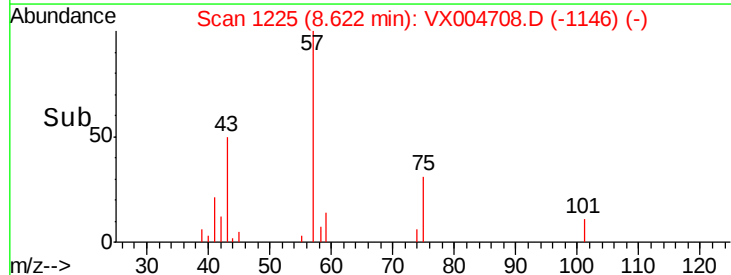
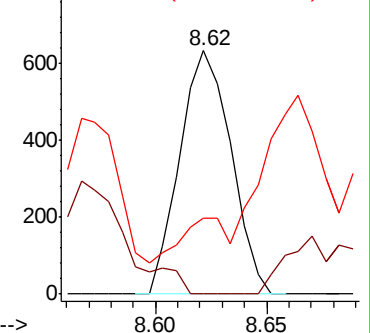
39 14.4 36.4 54.6#

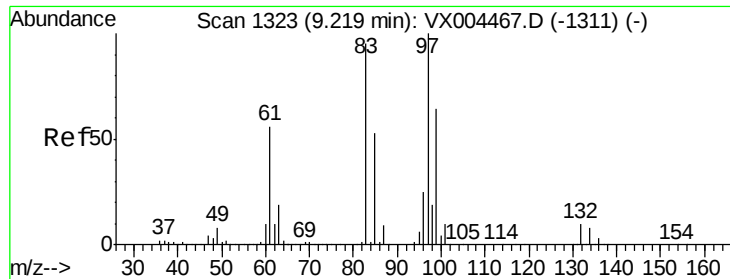


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

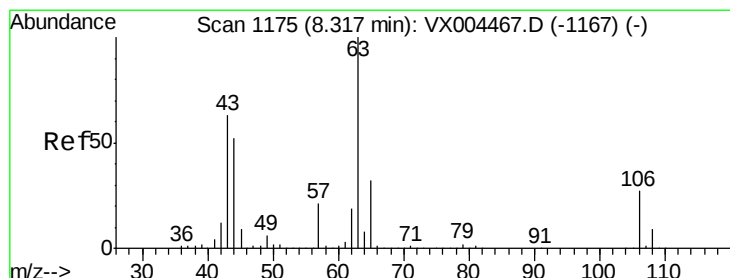
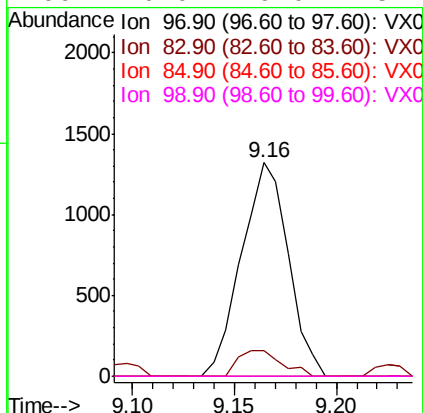
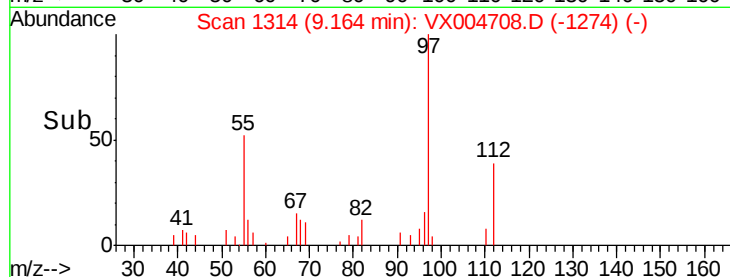
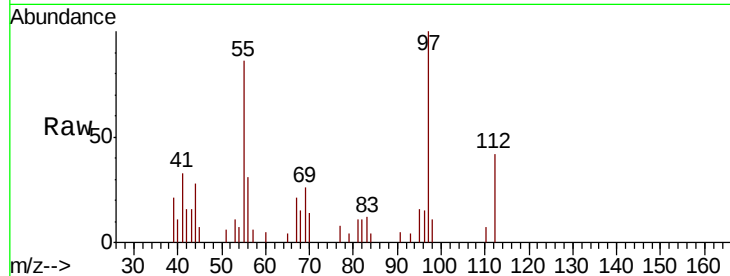




#55
 1,1,2-Trichloroethane
 Concen: 0.71 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.06 min
 Lab File: VX004708.D
 Acq: 19 Sep 2018 16:19

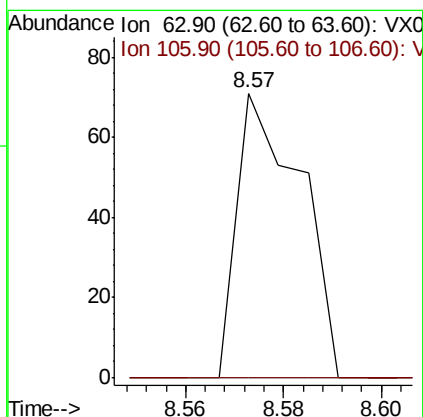
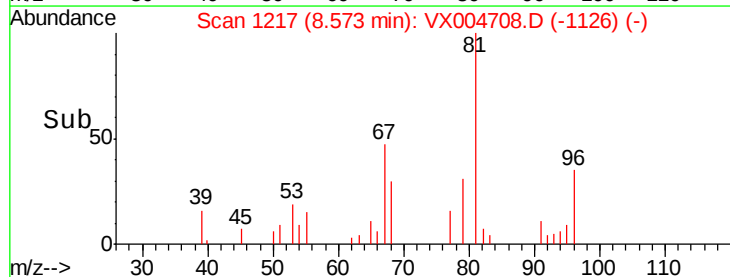
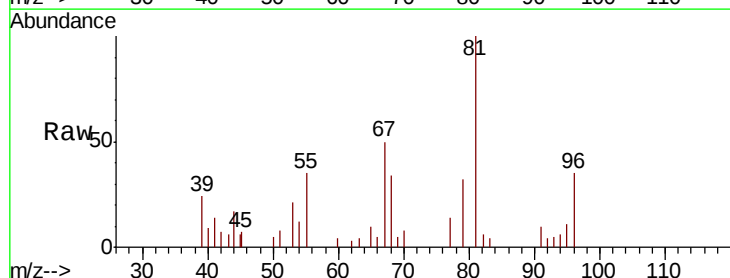
Instrument :
 MSVOA_X
 ClientSampleId :
 CB-0918-S-TCLP-GRID56-1

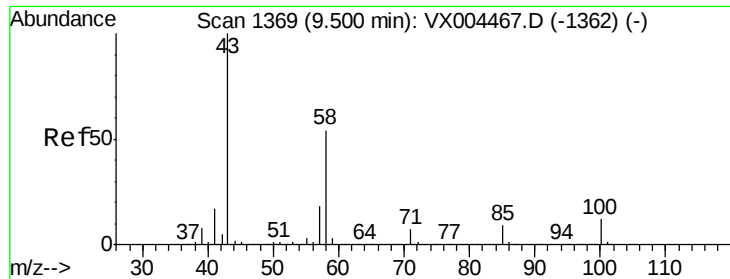
Tot Ion: 97 Resp: 2106
 Ion Ratio Lower Upper
 97 100
 83 12.2 66.4 99.6#
 85 0.0 43.3 64.9#
 99 0.0 49.0 73.4#



#58
 2-Chloroethyl Vinyl ether
 Concen: 7.30 ug/l
 RT: 8.57 min Scan# 1217
 Delta R.T. 0.26 min
 Lab File: VX004708.D
 Acq: 19 Sep 2018 16:19

Tgt Ion: 63 Resp: 64
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.9 35.9#

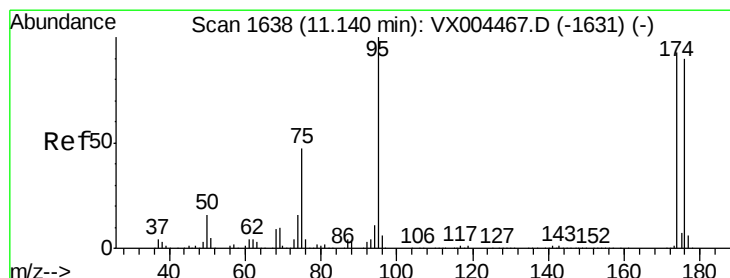
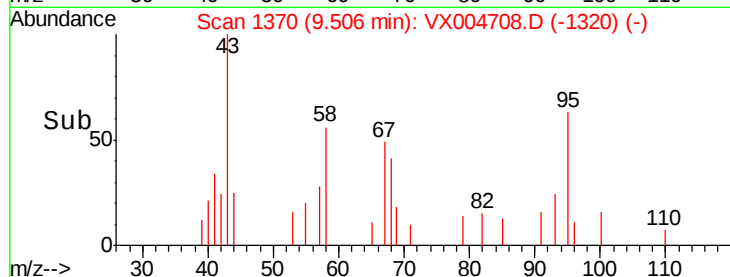
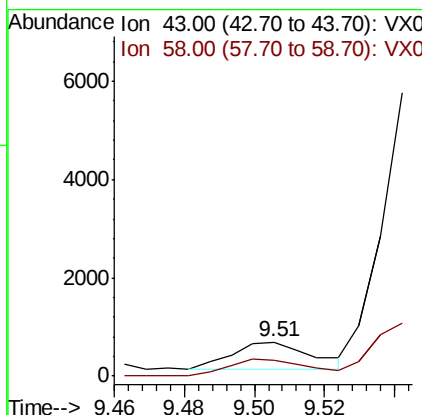
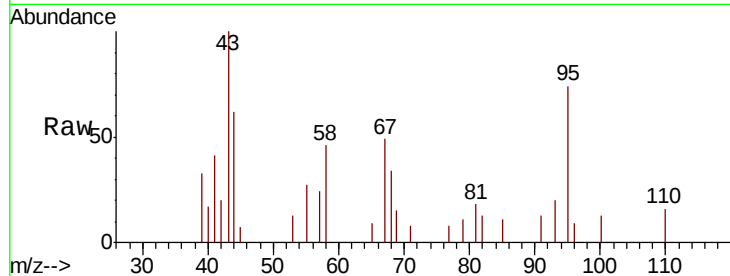




#59
2-Hexanone
Concen: 0.28 ug/l
RT: 9.51 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VX004708.D
Acq: 19 Sep 2018 16:19

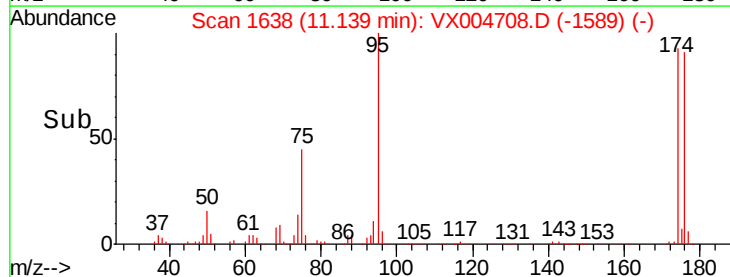
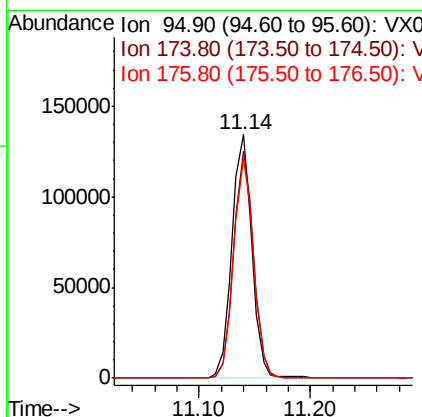
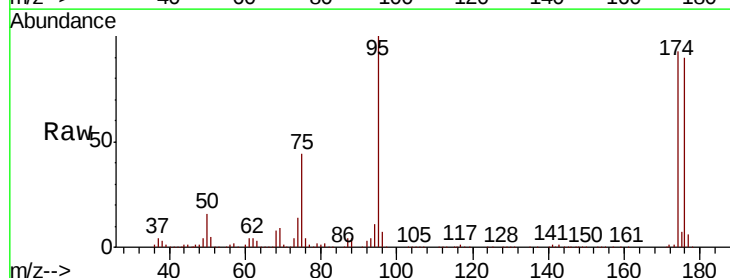
Instrument :
MSVOA_X
ClientSampleId :
CB-0918-S-TCLP-GRID56-1

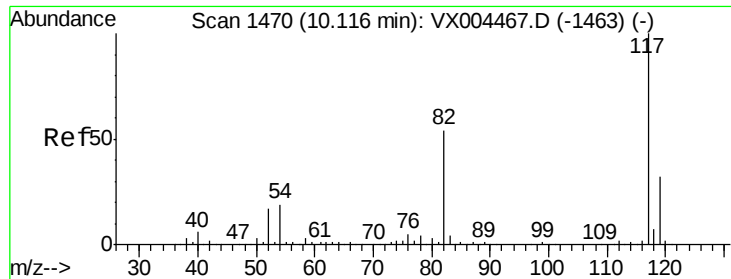
Tot Ion: 43 Resp: 892
Ion Ratio Lower Upper
43 100
58 62.3 29.0 87.0



#62
4-Bromofluorobenzene
Concen: 46.94 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004708.D
Acq: 19 Sep 2018 16:19

Tgt Ion: 95 Resp: 166604
Ion Ratio Lower Upper
95 100
174 93.0 0.0 185.2
176 90.0 0.0 178.6

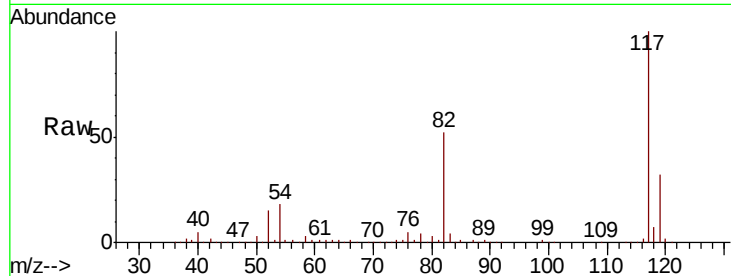




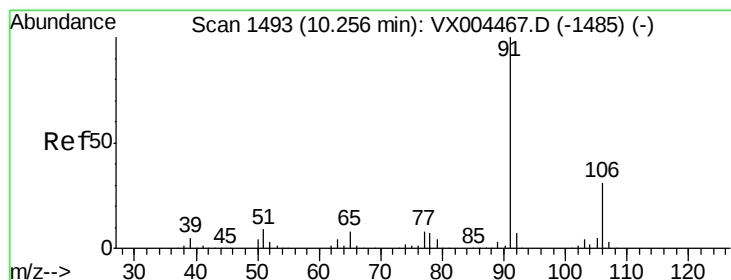
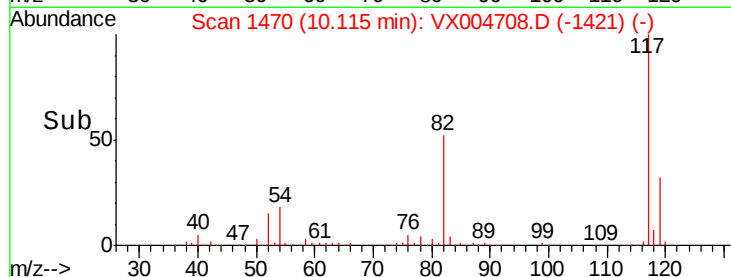
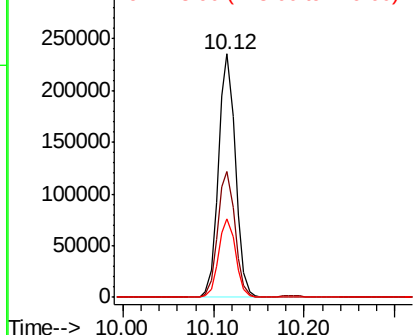
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004708.D
Acq: 19 Sep 2018 16:19

Instrument :
MSVOA_X
ClientSampleId :
CB-0918-S-TCLP-GRID56-1

Tot Ion:117 Resp: 308084
Ion Ratio Lower Upper
117 100
82 51.9 47.8 71.6
119 32.1 29.3 43.9

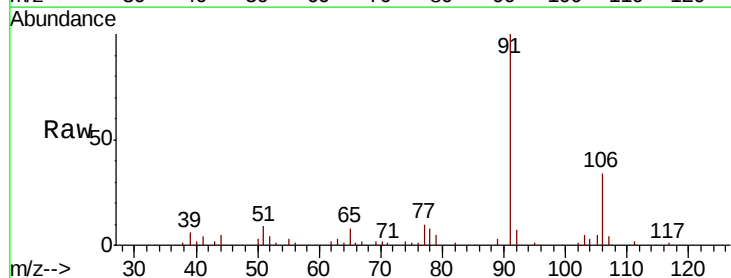


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

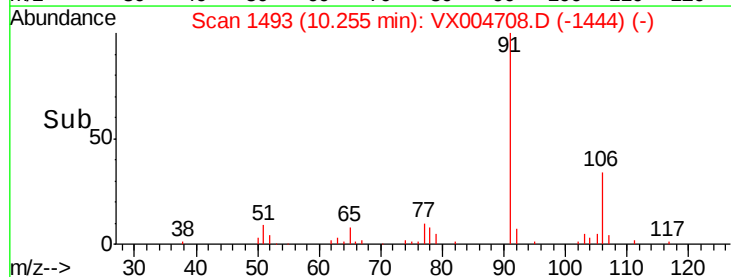
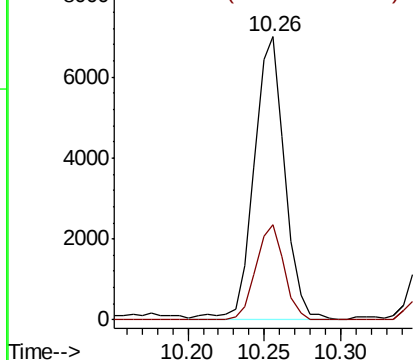


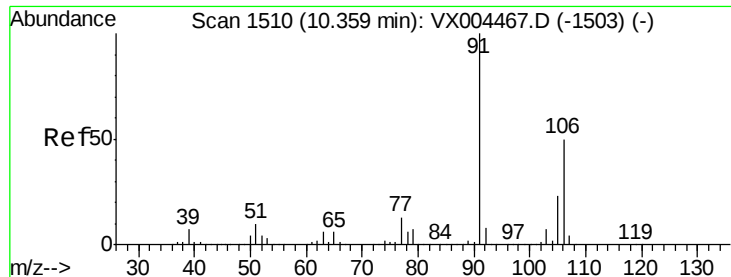
#67
Ethyl Benzene
Concen: 0.78 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004708.D
Acq: 19 Sep 2018 16:19

Tgt Ion: 91 Resp: 9753
Ion Ratio Lower Upper
91 100
106 33.7 25.9 38.9



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

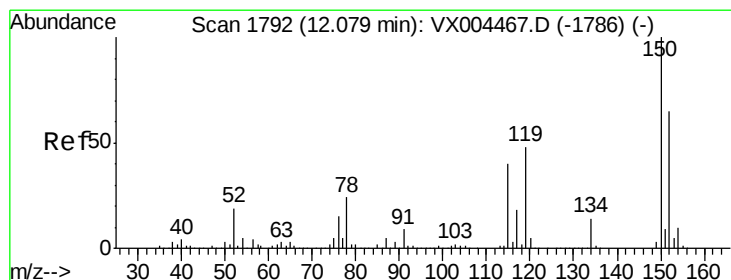
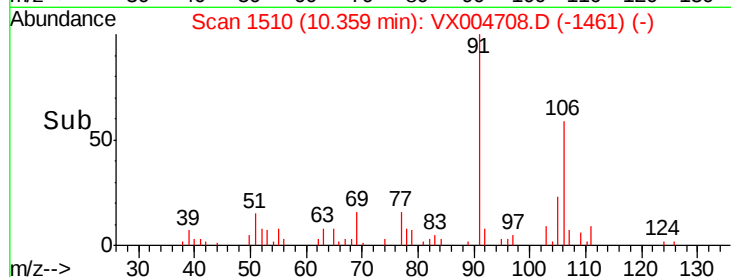
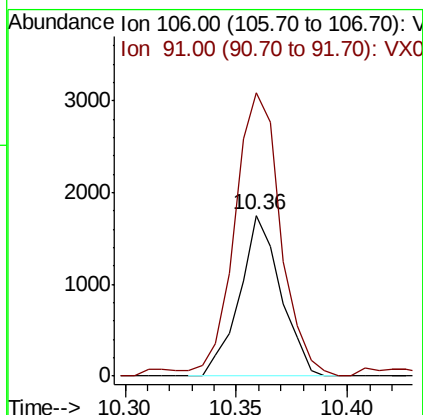
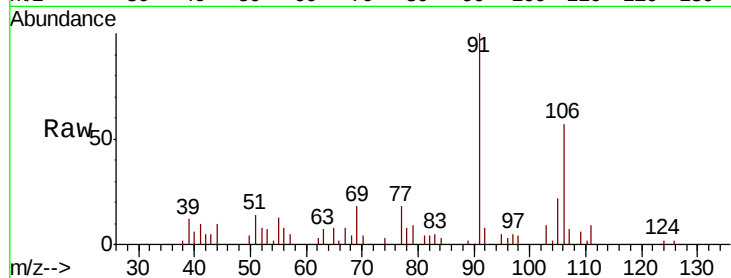




#68
m/p-Xvlenes
Concen: 0.47 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004708.D
Acq: 19 Sep 2018 16:19

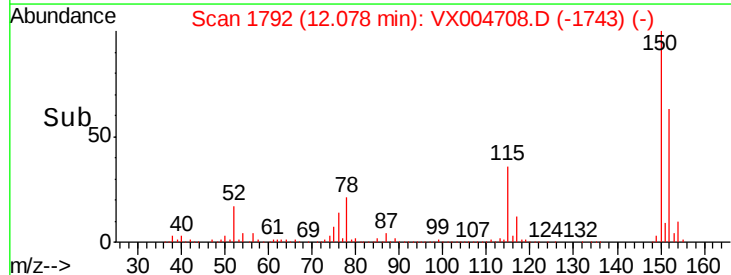
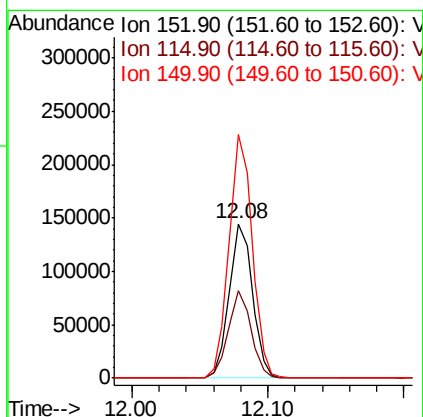
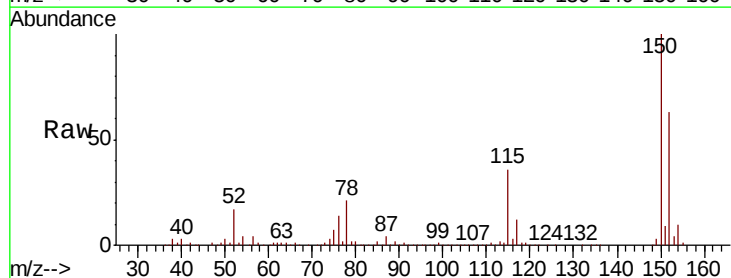
Instrument :
MSVOA_X
ClientSampleId :
CB-0918-S-TCLP-GRID56-1

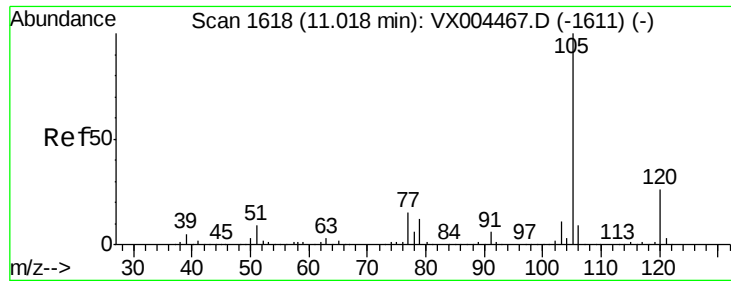
Tot Ion:106 Resp: 2261
Ion Ratio Lower Upper
106 100
91 195.1 157.1 235.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004708.D
Acq: 19 Sep 2018 16:19

Tgt Ion:152 Resp: 173766
Ion Ratio Lower Upper
152 100
115 54.6 39.0 117.0
150 156.9 0.0 351.0





#73

Isopropylbenzene

Concen: 2.14 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004708.D

Acq: 19 Sep 2018 16:19

Instrument :

MSVOA_X

ClientSampleId :

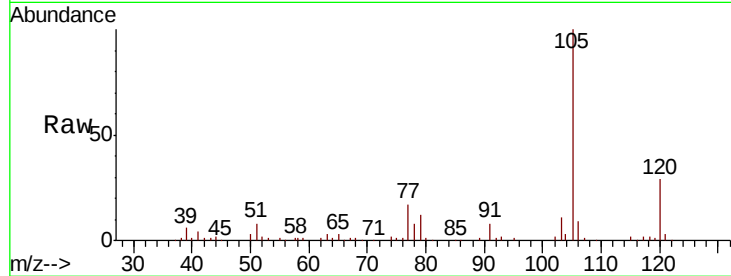
CB-0918-S-TCLP-GRID56-1

Tot Ion:105 Resp: 24478

Ion Ratio Lower Upper

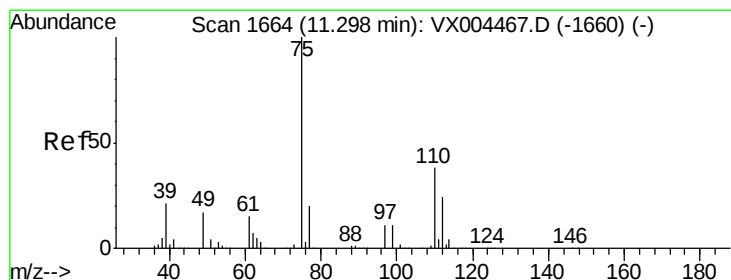
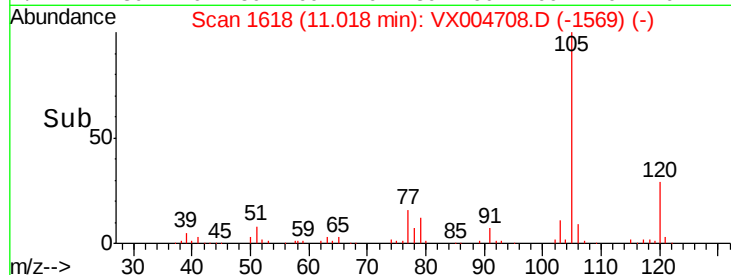
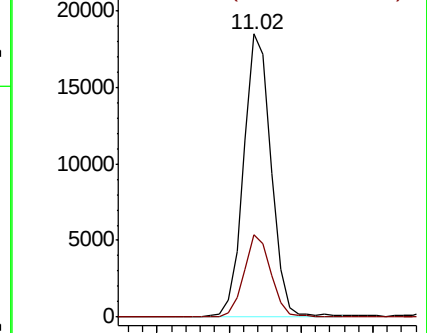
105 100

120 28.4 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 21.65 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX004708.D

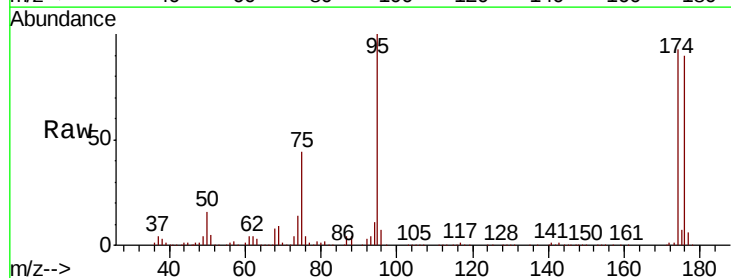
Acq: 19 Sep 2018 16:19

Tgt Ion: 75 Resp: 75702

Ion Ratio Lower Upper

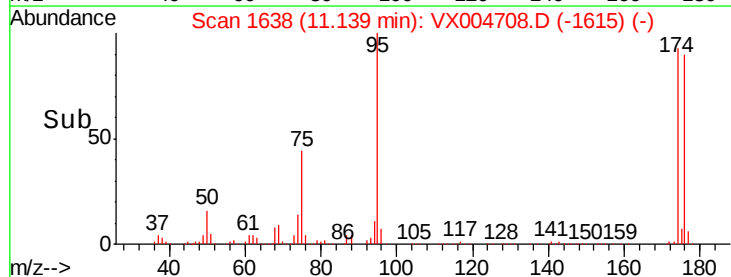
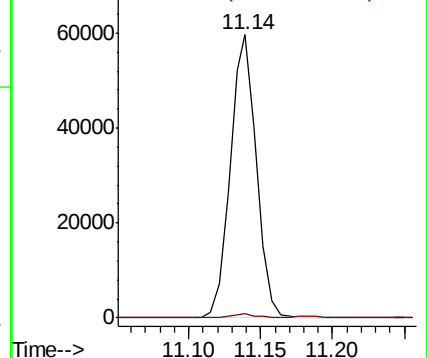
75 100

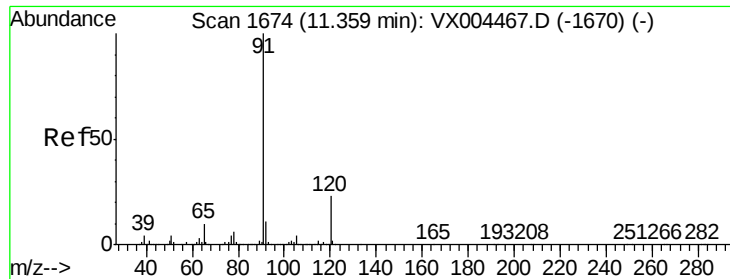
77 1.3 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 2.92 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004708.D

Acq: 19 Sep 2018 16:19

Instrument :

MSVOA_X

ClientSampleId :

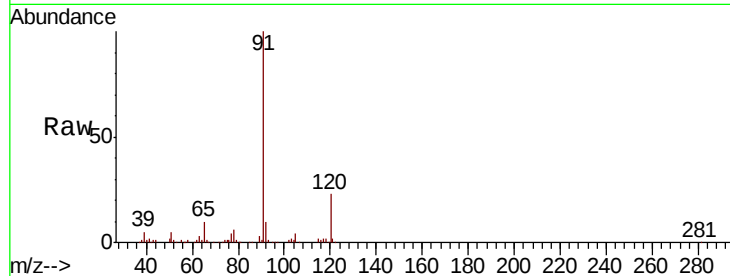
CB-0918-S-TCLP-GRID56-1

Tot Ion: 91 Resp: 38388

Ion Ratio Lower Upper

91 100

120 23.3 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX004467.D (-1670) (-)

Ion 120.00 (119.70 to 120.70): VX004467.D (-1670) (-)

11.36

30000

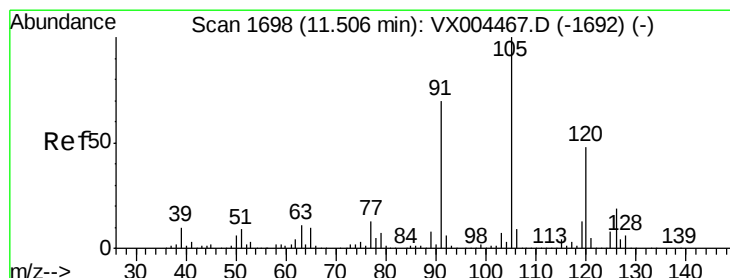
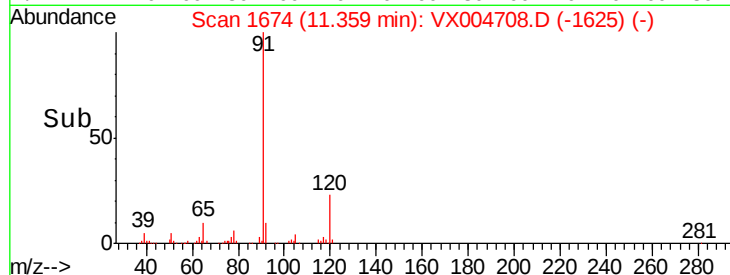
20000

10000

0

11.30 11.35 11.40

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 1.02 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004708.D

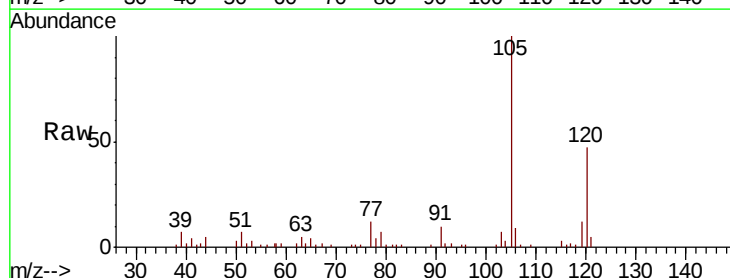
Acq: 19 Sep 2018 16:19

Tgt Ion: 105 Resp: 9855

Ion Ratio Lower Upper

105 100

120 49.3 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): VX004467.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX004467.D (-1692) (-)

11.51

15000

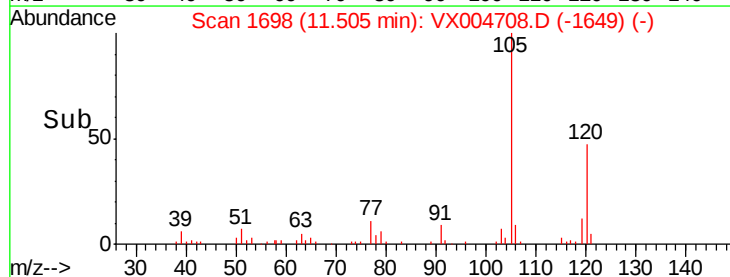
10000

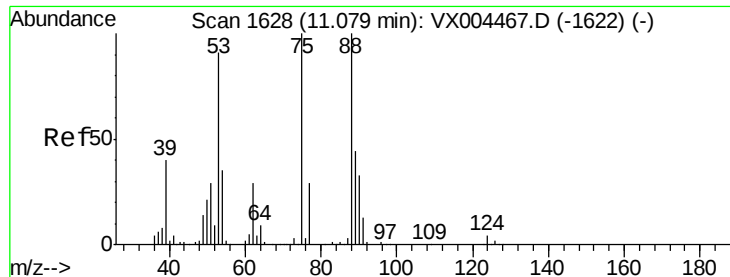
5000

0

11.50 11.55 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 69.02 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004708.D

Acq: 19 Sep 2018 16:19

Instrument :

MSVOA_X

ClientSampleId :

CB-0918-S-TCLP-GRID56-1

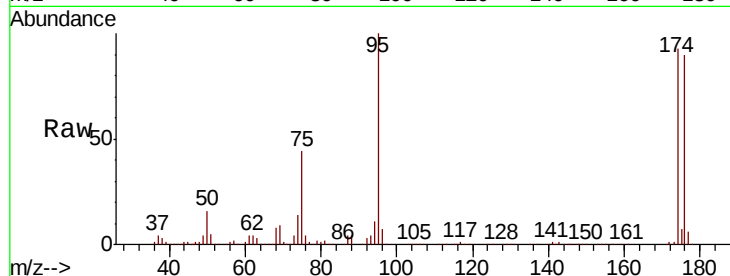
Tot Ion: 75 Resp: 75702

Ion Ratio Lower Upper

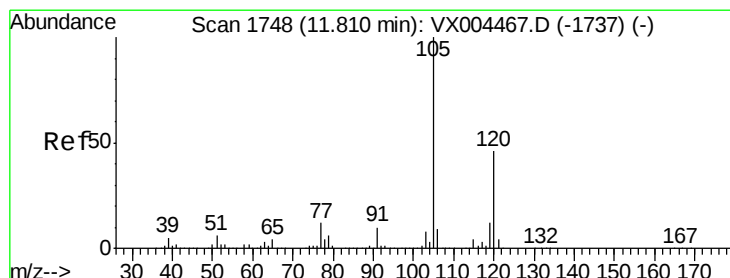
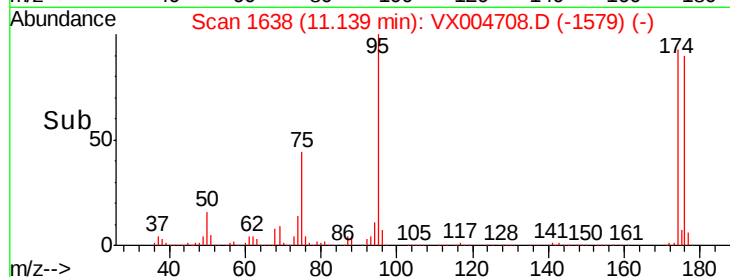
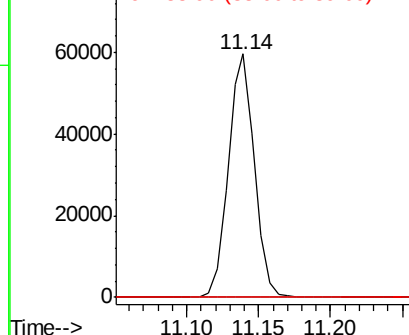
75 100

53 0.2 80.1 120.1#

89 0.0 37.2 55.8#



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: 0.89 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VX004708.D

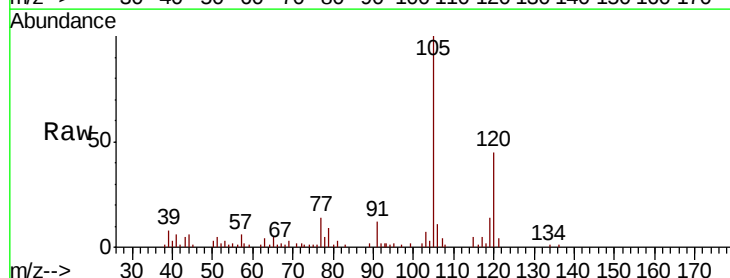
Acq: 19 Sep 2018 16:19

Tgt Ion: 105 Resp: 8753

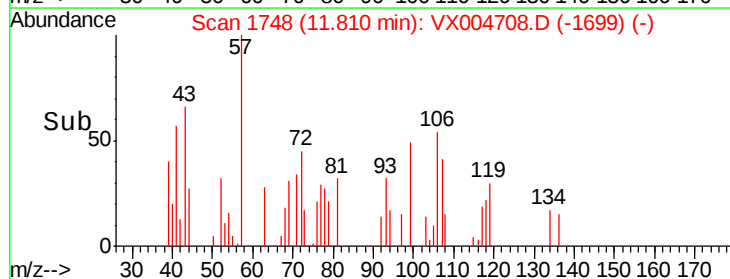
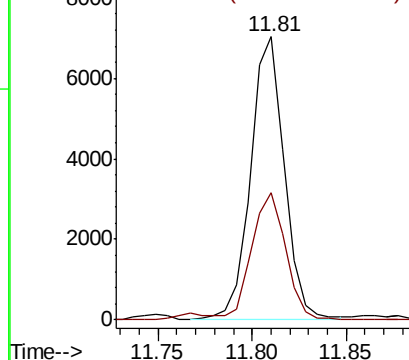
Ion Ratio Lower Upper

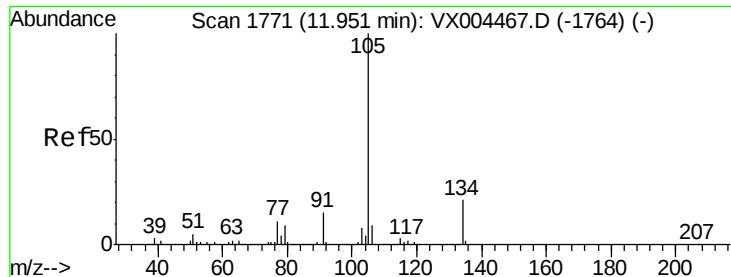
105 100

120 45.3 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 1.14 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. -0.00 min

Lab File: VX004708.D

Acq: 19 Sep 2018 16:19

Instrument :

MSVOA_X

ClientSampleId :

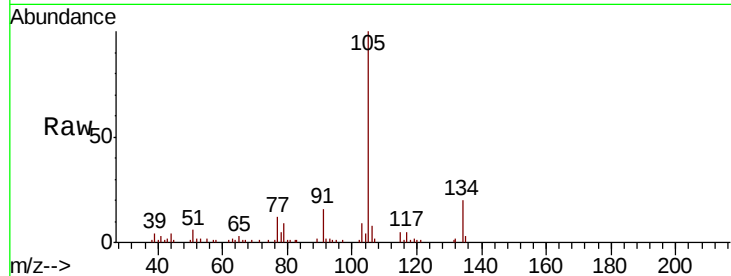
CB-0918-S-TCLP-GRID56-1

Tot Ion:105 Resp: 13305

Ion Ratio Lower Upper

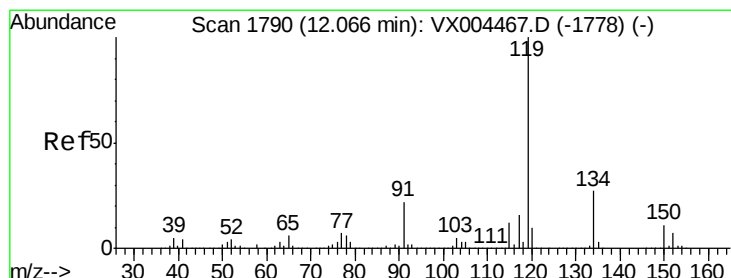
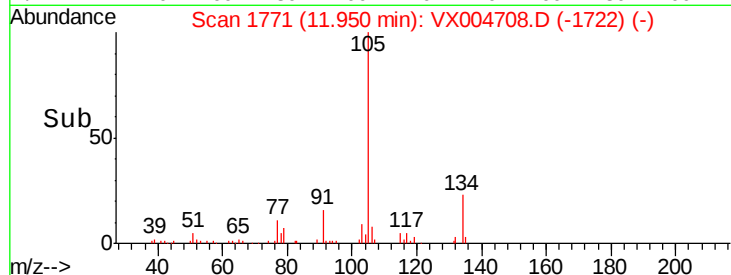
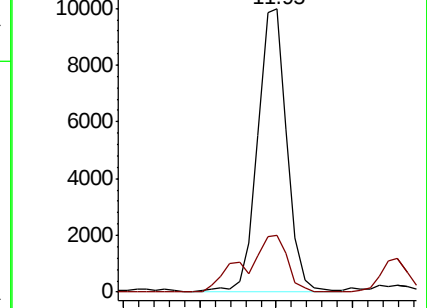
105 100

134 29.2 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.32 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004708.D

Acq: 19 Sep 2018 16:19

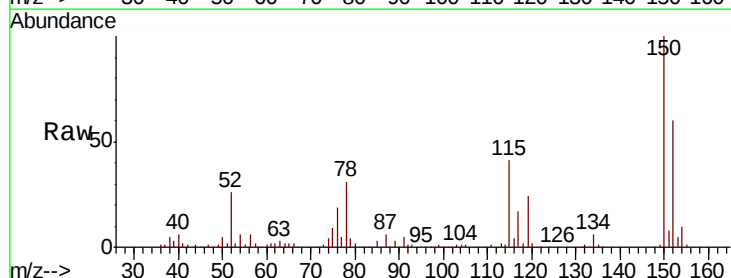
Tgt Ion:119 Resp: 13642

Ion Ratio Lower Upper

119 100

134 29.4 13.4 40.2

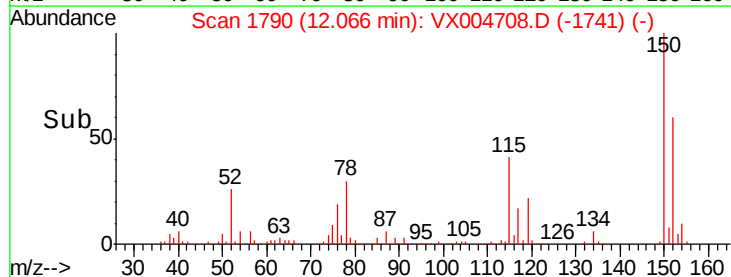
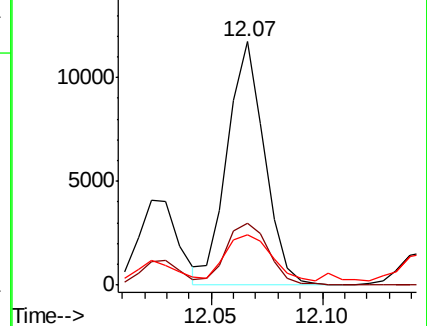
91 23.9 10.9 32.7

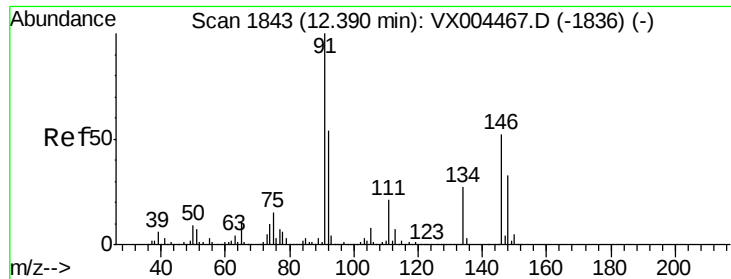


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

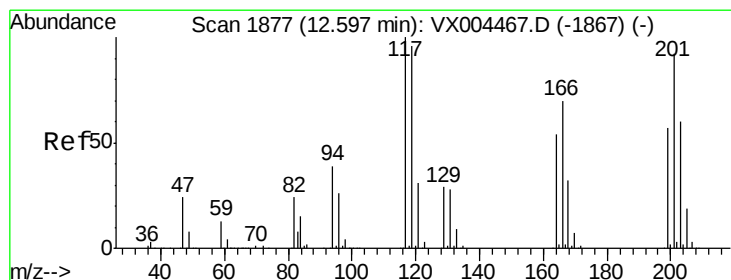
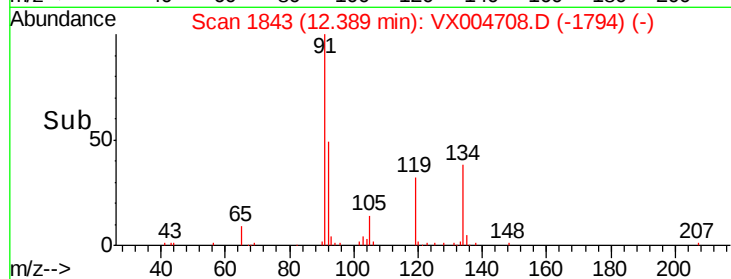
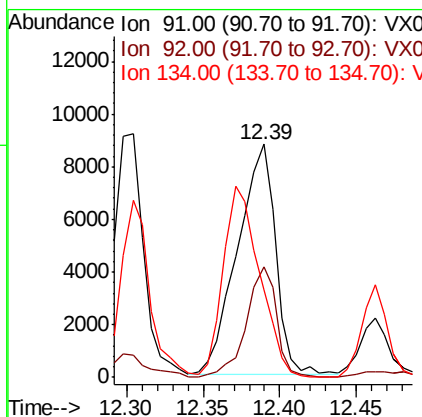
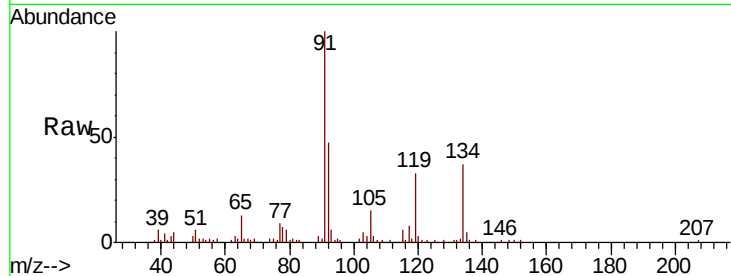




#89
n-Butylbenzene
Concen: 1.61 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004708.D
Acq: 19 Sep 2018 16:19

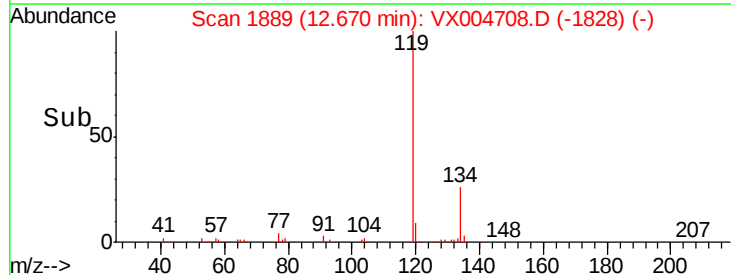
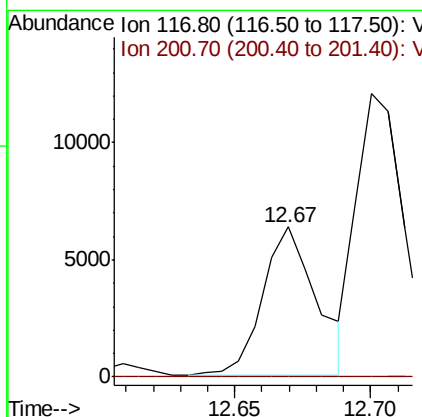
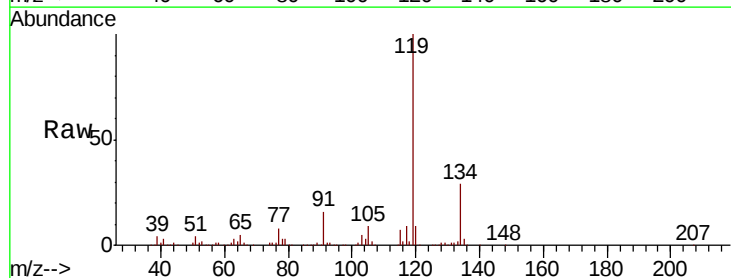
Instrument :
MSVOA_X
ClientSampleId :
CB-0918-S-TCLP-GRID56-1

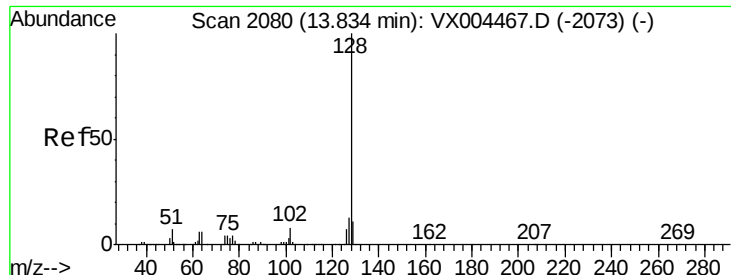
Tot Ion: 91 Resp: 15127
Ion Ratio Lower Upper
91 100
92 38.1 27.3 81.9
134 79.3 13.6 40.7#



#90
Hexachloroethane
Concen: 5.24 ug/l
RT: 12.67 min Scan# 1889
Delta R.T. 0.07 min
Lab File: VX004708.D
Acq: 19 Sep 2018 16:19

Tgt Ion: 117 Resp: 8647
Ion Ratio Lower Upper
117 100
201 0.0 46.9 140.6#





#95
Naphthalene
Concen: 6.17 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004708.D
Acq: 19 Sep 2018 16:19

Instrument :
MSVOA_X
ClientSampleId :
CB-0918-S-TCLP-GRID56-1

Tot Ion:128 Resp: 73178
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.2
129 13.8 8.6 12.8#

