

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070318\
 Data File : VX003151.D
 Acq On : 03 Jul 2018 16:19
 Operator : JC/MD
 Sample : J3754-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 04 03:16:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	272420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	382175	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	374145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211643	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	171215	45.47	ug/l	0.01
Spiked Amount			Recovery	=	90.94%	
35) Dibromofluoromethane	5.51	113	142625	47.13	ug/l	0.00
Spiked Amount			Recovery	=	94.26%	
50) Toluene-d8	8.72	98	538887	48.76	ug/l	0.00
Spiked Amount			Recovery	=	97.52%	
62) 4-Bromofluorobenzene	11.14	95	203548	47.76	ug/l	0.00
Spiked Amount			Recovery	=	95.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	277	Below Cal	#	43
5) Bromomethane	1.66	94	2215	Below Cal		98
10) Methyl Iodide	2.52	142	3313	7.18	ug/l	95
11) Tert butyl alcohol	3.08	59	18359	24.48	ug/l	97
13) Acrolein	2.27	56	110	4.49	ug/l #	1
14) Allyl chloride	2.84	41	250990	47.39	ug/l #	62
15) Acrylonitrile	3.17	53	2665	1.66	ug/l #	47
16) Acetone	2.45	43	3749	2.40	ug/l	90
17) Carbon Disulfide	2.57	76	2993	0.42	ug/l #	95
18) Methyl Acetate	2.84	43	623866	143.10	ug/l #	55
20) Methylene Chloride	2.85	84	4136	1.36	ug/l #	1
25) 2-Butanone	4.73	43	854	0.37	ug/l #	81
31) Cyclohexane	5.58	56	32051	6.79	ug/l	92
36) 1,1-Dichloropropene	5.67	75	17839	4.26	ug/l #	51
38) Carbon Tetrachloride	5.67	117	23899	5.20	ug/l #	16
39) Methylcyclohexane	7.46	83	20794	4.26	ug/l	98
40) Benzene	6.16	78	19417060	1594.53	ug/l	94
42) 1,2-Dichloroethane	6.16	62	187791	38.18	ug/l #	77
43) Isopropyl Acetate	6.40	43	2368	0.31	ug/l #	63
48) Methyl methacrylate	7.79	41	1052	0.27	ug/l #	73
49) 1,4-Dioxane	7.59	88	19	0.25	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	10112	2.14	ug/l	98
52) Toluene	8.79	92	5391	0.69	ug/l	93
55) 1,1,2-Trichloroethane	9.16	97	1297	0.40	ug/l #	14
59) 2-Hexanone	9.52	43	17109	4.75	ug/l	83
67) Ethyl Benzene	10.26	91	341803	21.77	ug/l	99
68) m/p-Xylenes	10.37	106	198646	32.83	ug/l	96
69) o-Xylene	10.70	106	1505	0.26	ug/l	96
73) Isopropylbenzene	11.02	105	148452	10.43	ug/l	98
74) N-amyl acetate	6.40	43	2368	0.34	ug/l #	59
76) 1,2,3-Trichloropropane	11.14	75	102145	26.64	ug/l #	33
78) n-propylbenzene	11.37	91	64796	4.00	ug/l	100
79) 2-Chlorotoluene	11.46	91	7355	0.75	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	41767	3.48	ug/l	99

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Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

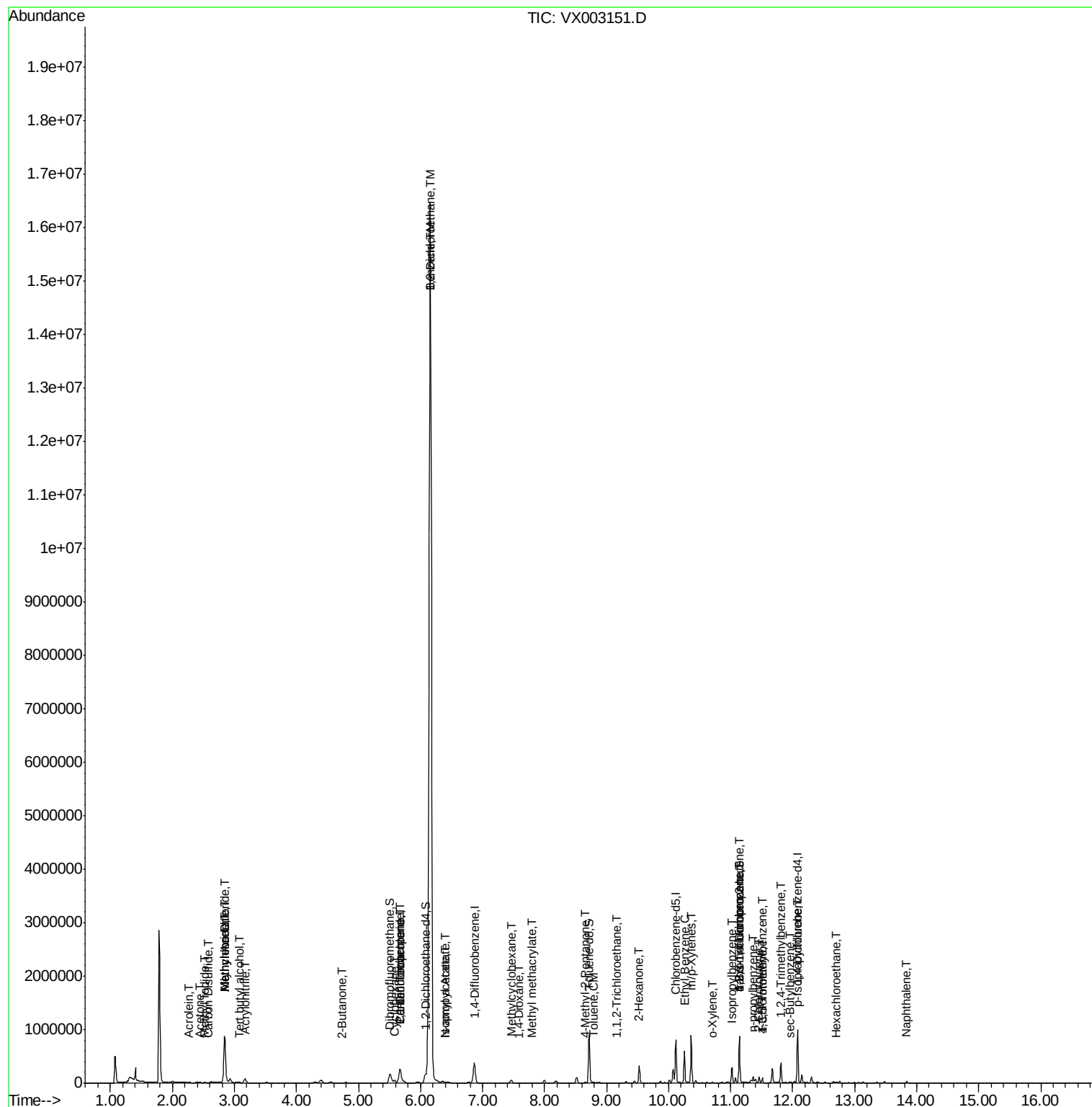
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	11.14	75	102145	75.47	ug/l #	7
82) 4-Chlorotoluene	11.51	91	5609	0.48	ug/l #	51
84) 1,2,4-Trimethylbenzene	11.81	105	158618	12.77	ug/l	97
85) sec-Butylbenzene	11.95	105	4957	0.35	ug/l	81
86) p-Isopropyltoluene	12.07	119	4696	0.36	ug/l	84
90) Hexachloroethane	12.71	117	2953	1.54	ug/l #	1
95) Naphthalene	13.84	128	15939	1.10	ug/l	97

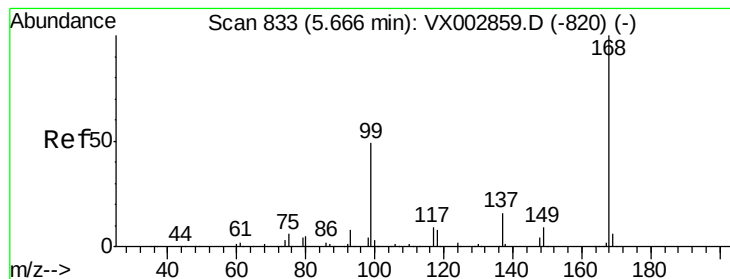
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003151.D

Acq: 03 Jul 2018 16:19

Instrument :

MSVOA_X

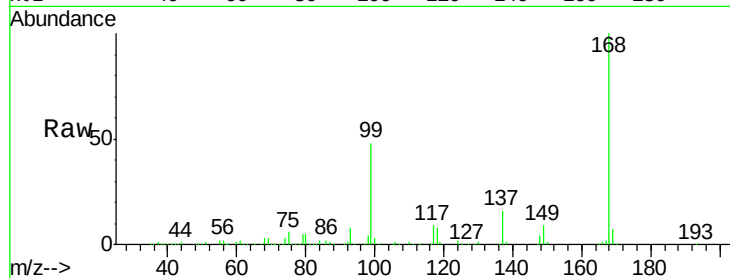
ClientSampleId :

Tot Ion:168 Resp: 272420

Ion Ratio Lower Upper

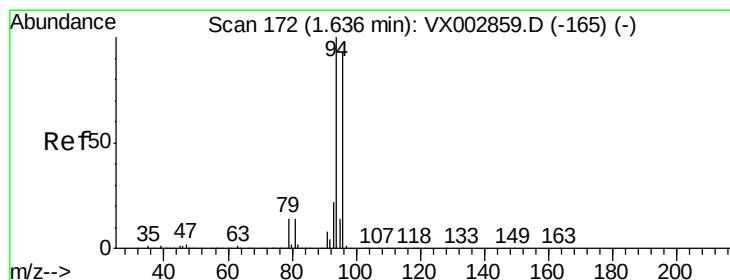
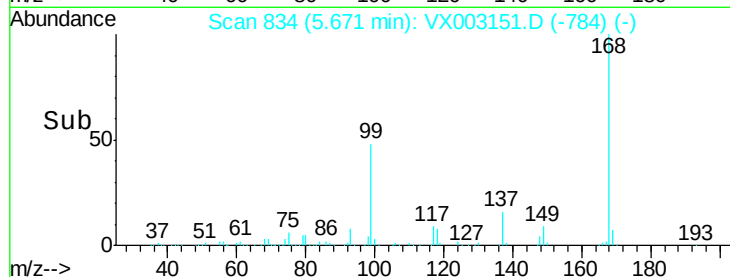
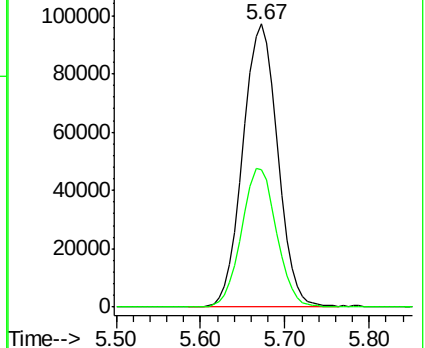
168 100

99 48.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.02 min

Lab File: VX003151.D

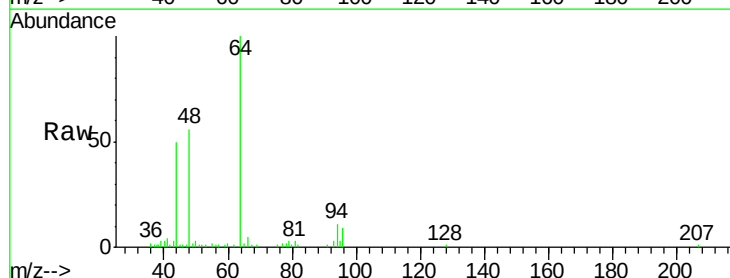
Acq: 03 Jul 2018 16:19

Tgt Ion: 94 Resp: 2215

Ion Ratio Lower Upper

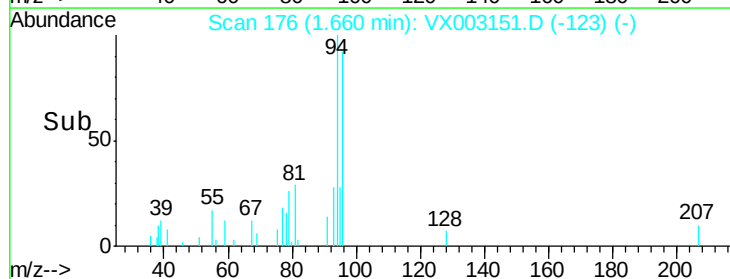
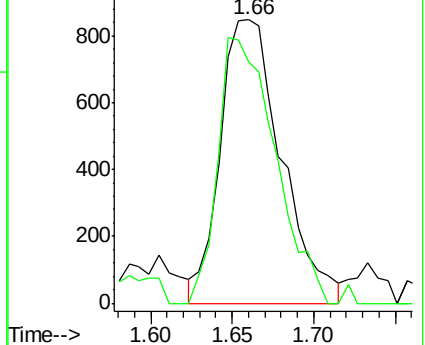
94 100

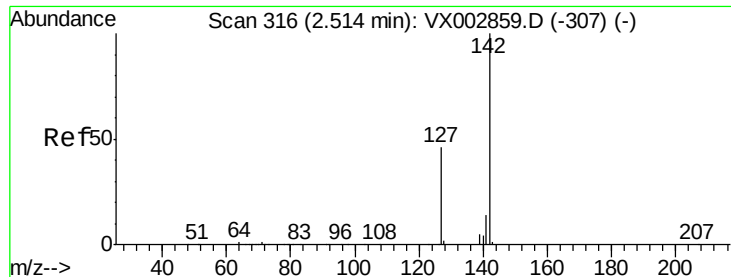
96 91.9 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

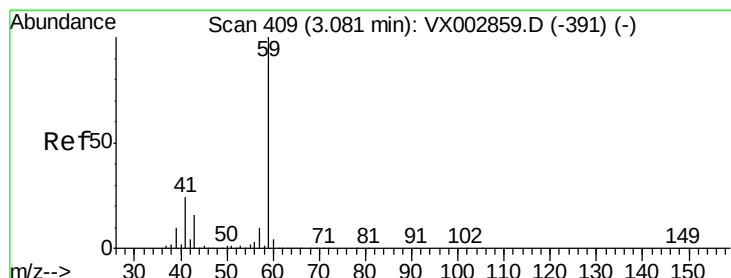
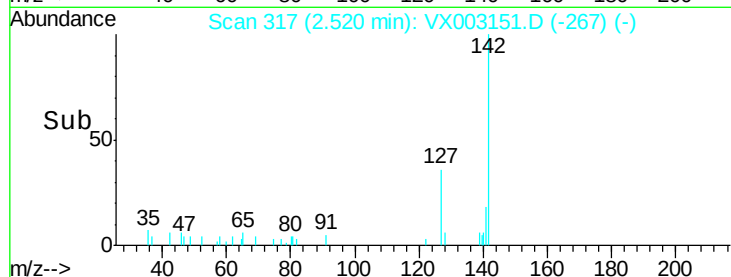
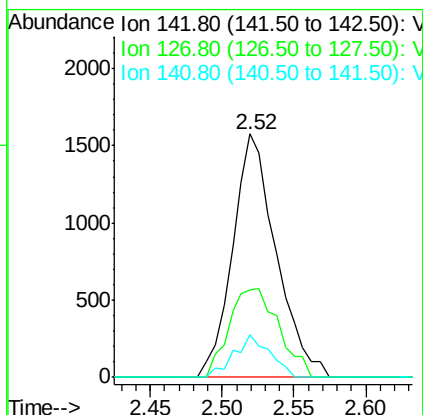
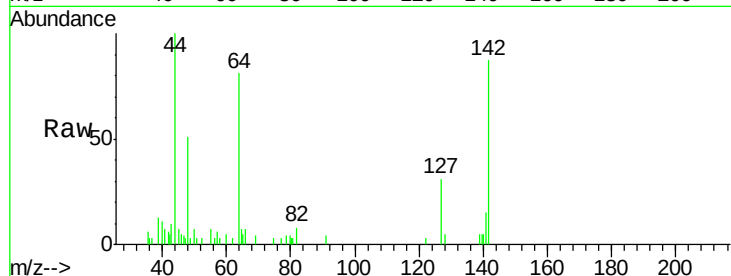




#10
Methvl Iodide
Concen: 7.18 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003151.D
Acq: 03 Jul 2018 16:19

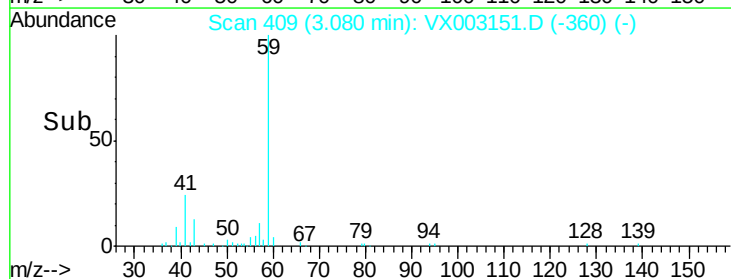
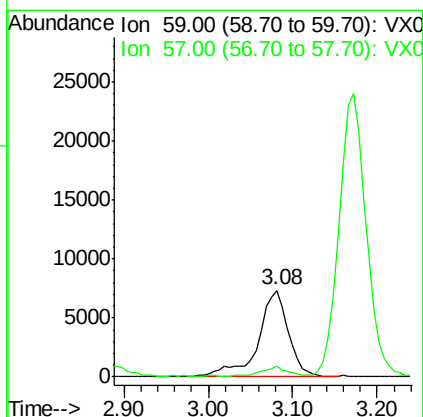
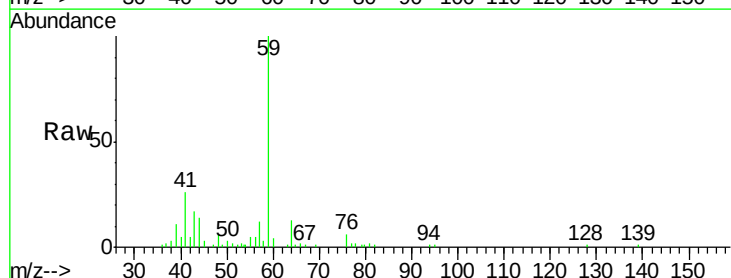
Instrument :
MSVOA_X
ClientSampleId :

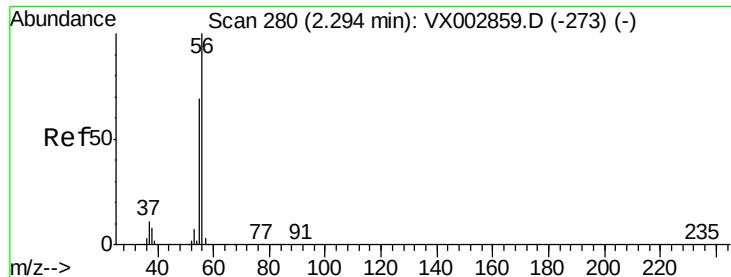
Tot Ion:142 Resp: 3313
Ion Ratio Lower Upper
142 100
127 41.7 36.6 55.0
141 14.3 11.3 16.9



#11
Tert butyl alcohol
Concen: 24.48 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX003151.D
Acq: 03 Jul 2018 16:19

Tgt Ion: 59 Resp: 18359
Ion Ratio Lower Upper
59 100
57 9.0 8.2 12.2





#13

Acrolein

Concen: 4.49 ug/l

RT: 2.27 min Scan# 276

Delta R.T. -0.02 min

Lab File: VX003151.D

Acq: 03 Jul 2018 16:19

Instrument :

MSVOA_X

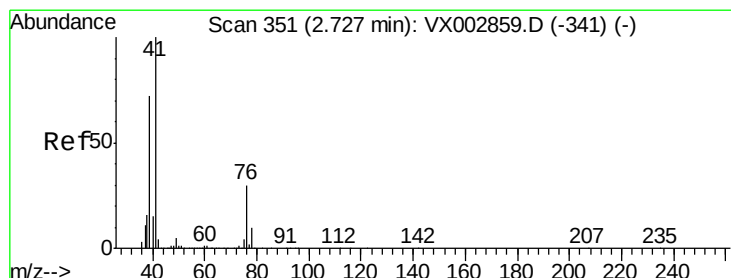
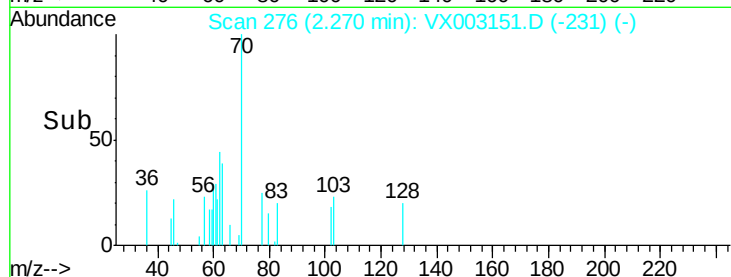
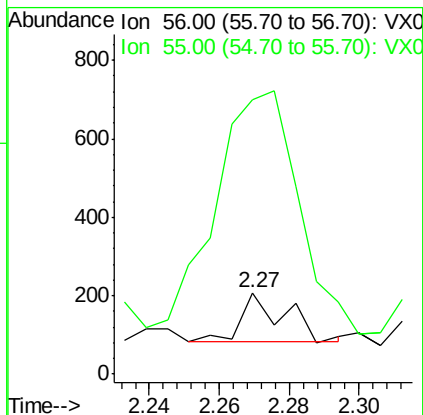
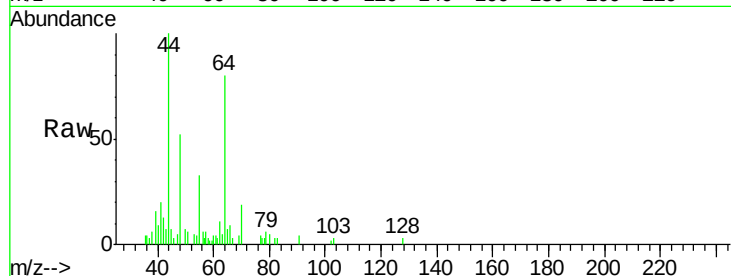
ClientSampleId :

Tot Ion: 56 Resp: 110

Ion Ratio Lower Upper

56 100

55 993.6 57.0 85.4#



#14

Allyl chloride

Concen: 47.39 ug/l

RT: 2.84 min Scan# 370

Delta R.T. 0.12 min

Lab File: VX003151.D

Acq: 03 Jul 2018 16:19

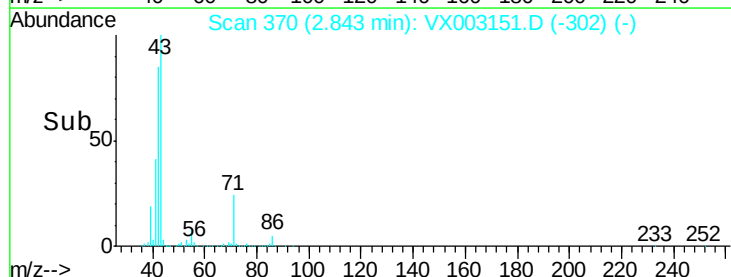
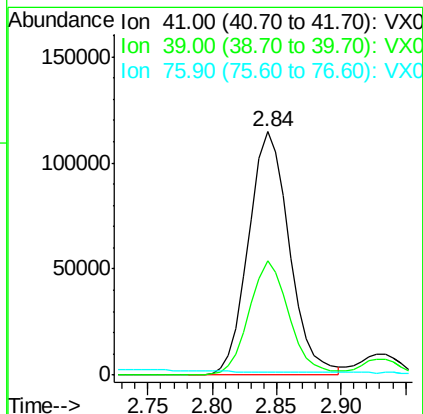
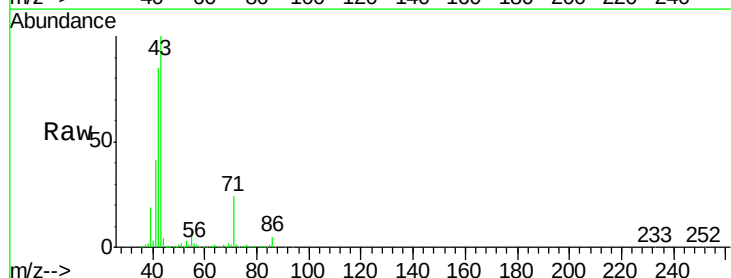
Tgt Ion: 41 Resp: 250990

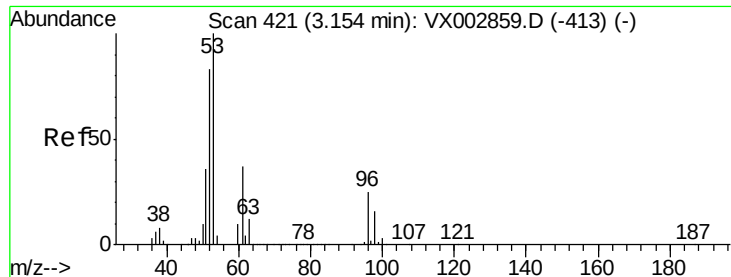
Ion Ratio Lower Upper

41 100

39 46.0 56.8 85.2#

76 0.0 23.8 35.8#





#15

Acrylonitrile

Concen: 1.66 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003151.D

Acq: 03 Jul 2018 16:19

Instrument :

MSVOA_X

ClientSampleId :

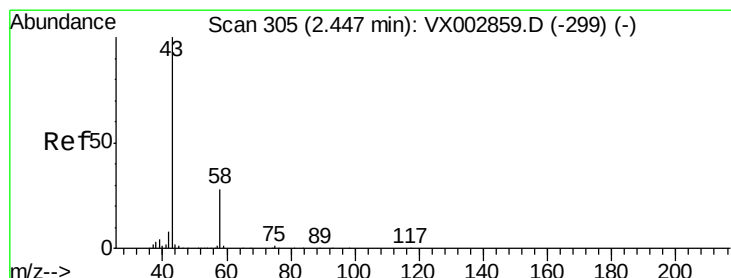
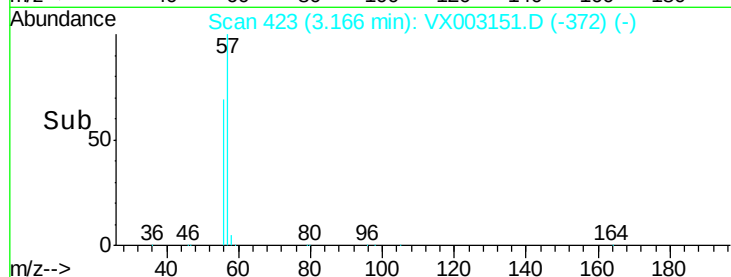
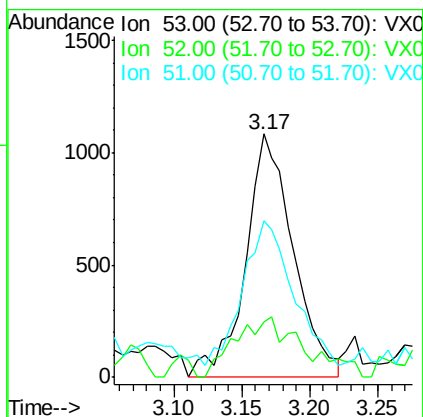
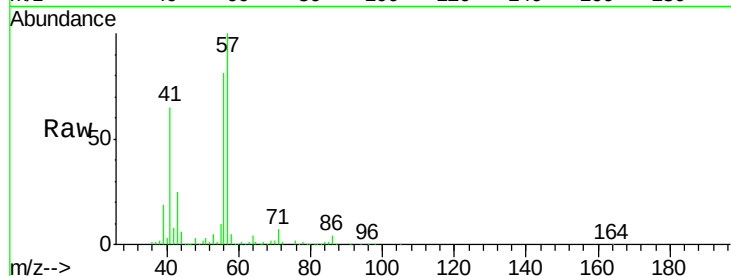
Tot Ion: 53 Resp: 2665

Ion Ratio Lower Upper

53 100

52 30.1 66.7 100.1#

51 61.8 29.9 44.9#



#16

Acetone

Concen: 2.40 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003151.D

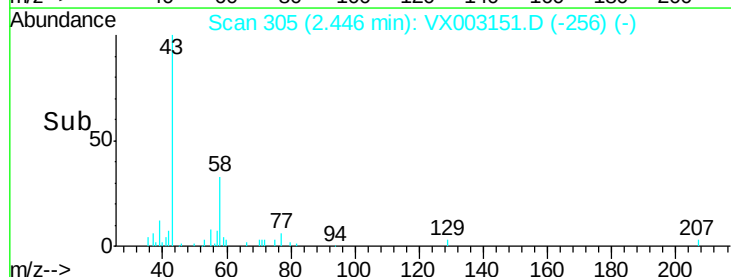
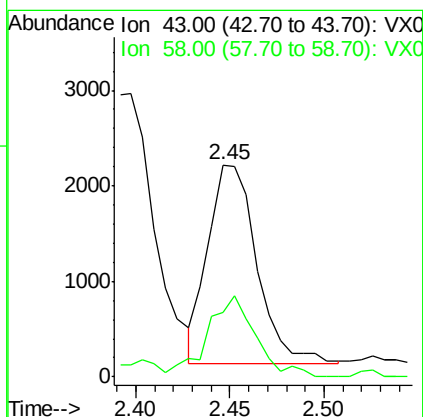
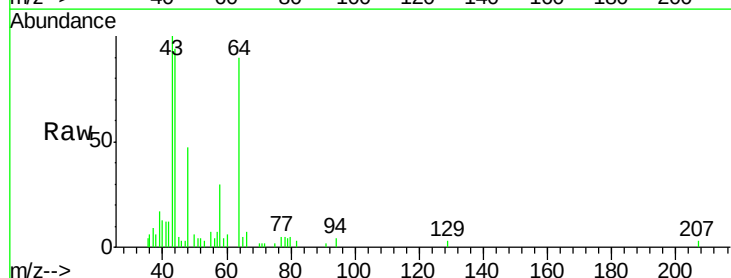
Acq: 03 Jul 2018 16:19

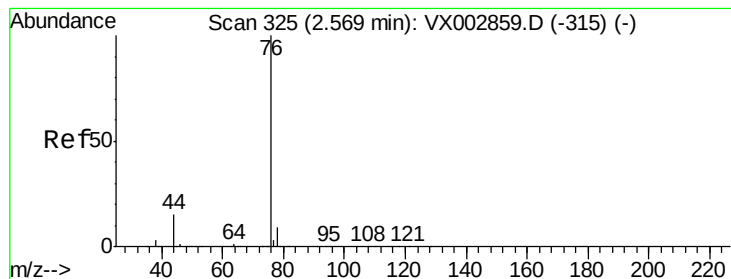
Tgt Ion: 43 Resp: 3749

Ion Ratio Lower Upper

43 100

58 32.6 22.1 33.1





#17

Carbon Disulfide

Concen: 0.42 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX003151.D

Acq: 03 Jul 2018 16:19

Instrument :

MSVOA_X

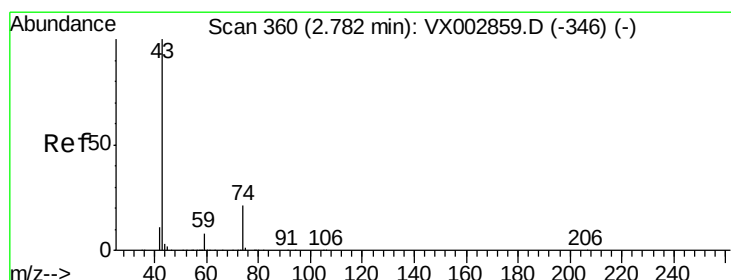
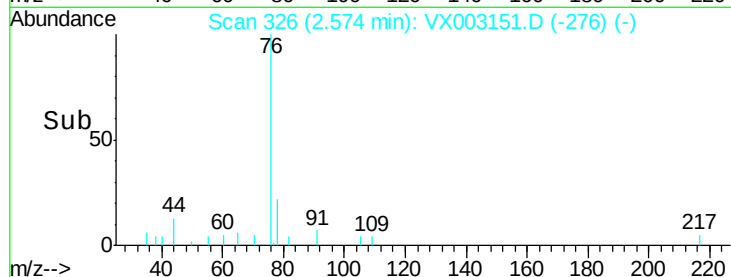
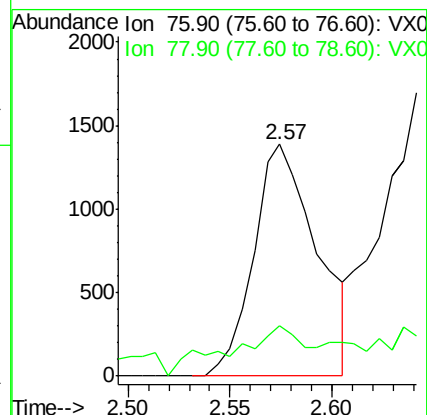
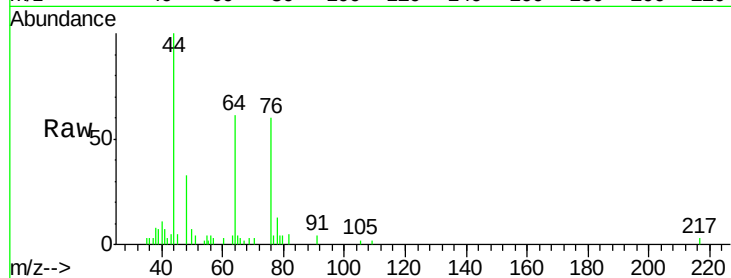
ClientSampleId :

Tot Ion: 76 Resp: 2993

Ion Ratio Lower Upper

76 100

78 10.4 6.9 10.3#



#18

Methyl Acetate

Concen: 143.10 ug/l

RT: 2.84 min Scan# 370

Delta R.T. 0.06 min

Lab File: VX003151.D

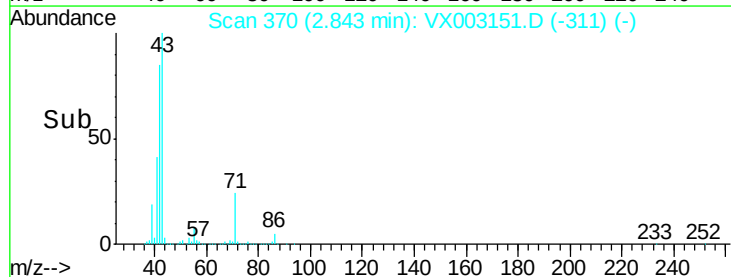
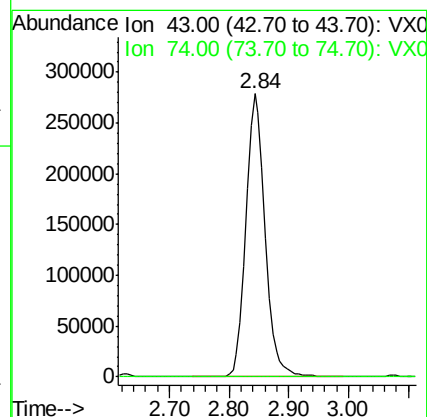
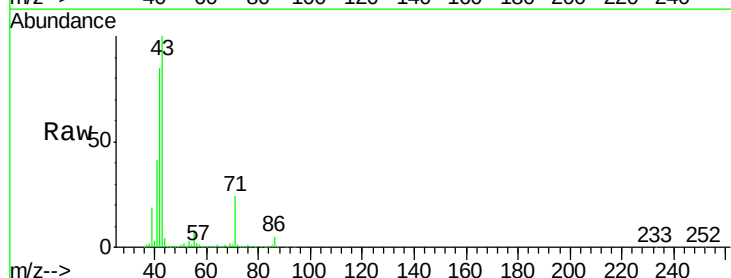
Acq: 03 Jul 2018 16:19

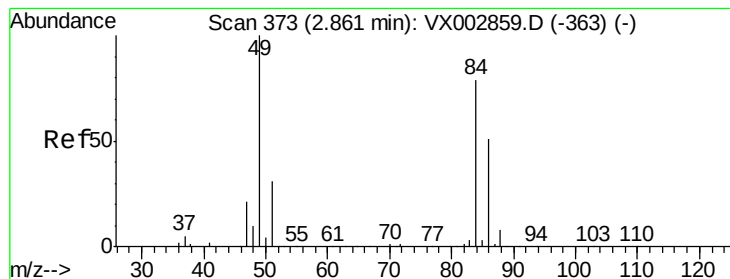
Tgt Ion: 43 Resp: 623866

Ion Ratio Lower Upper

43 100

74 0.1 16.7 25.1#





#20

Methylene Chloride

Concen: 1.36 ug/l

RT: 2.85 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX003151.D

Acq: 03 Jul 2018 16:19

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 84 Resp: 4136

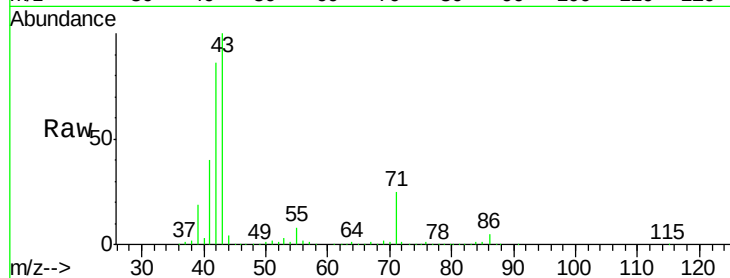
Ion Ratio Lower Upper

84 100

49 39.5 107.8 161.6#

51 289.3 32.8 49.2#

86 789.4 52.5 78.7#

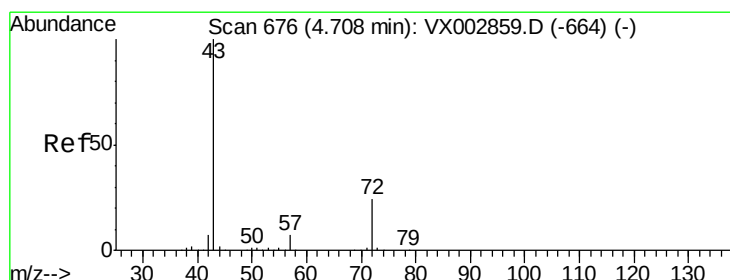
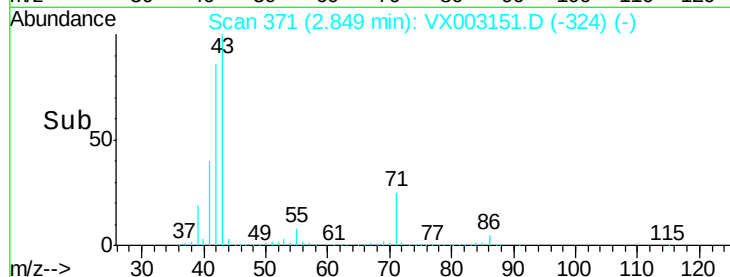
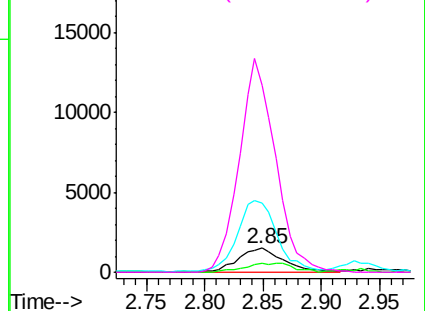


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 0.37 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.02 min

Lab File: VX003151.D

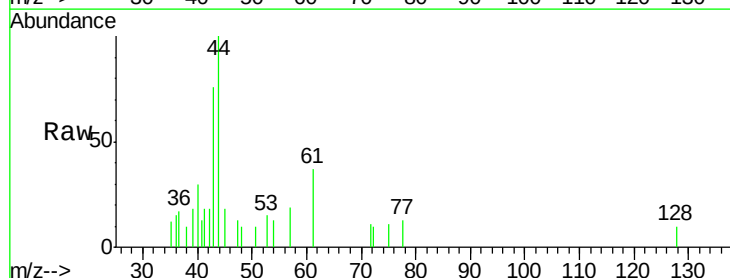
Acq: 03 Jul 2018 16:19

Tgt Ion: 43 Resp: 854

Ion Ratio Lower Upper

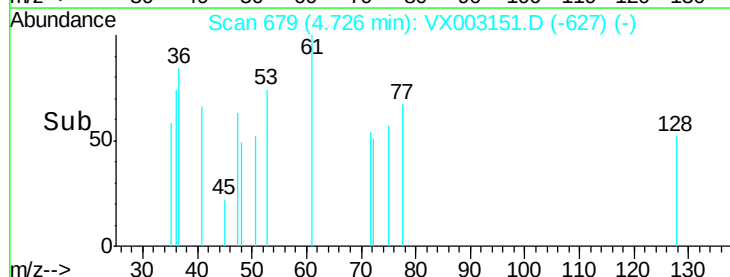
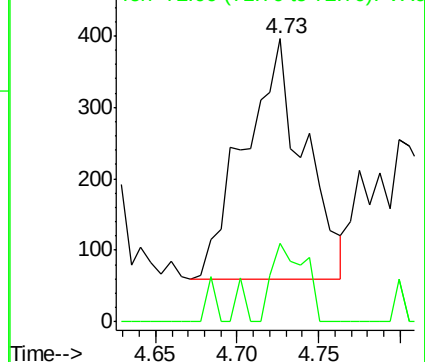
43 100

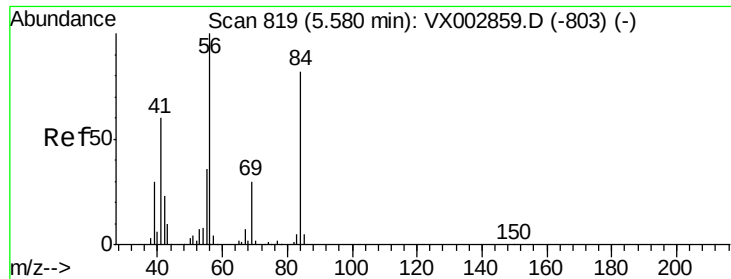
72 32.4 18.5 27.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

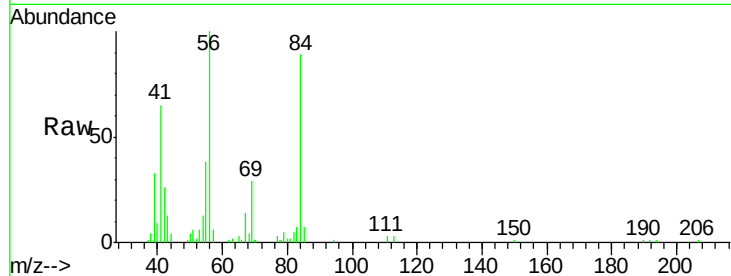




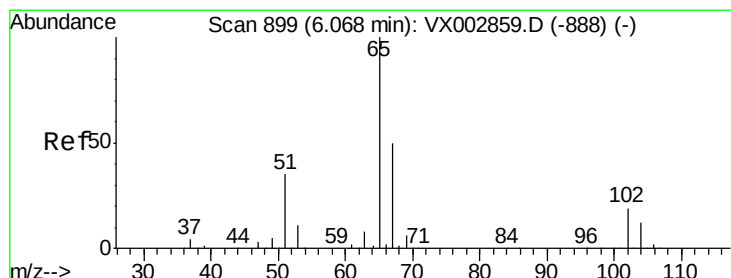
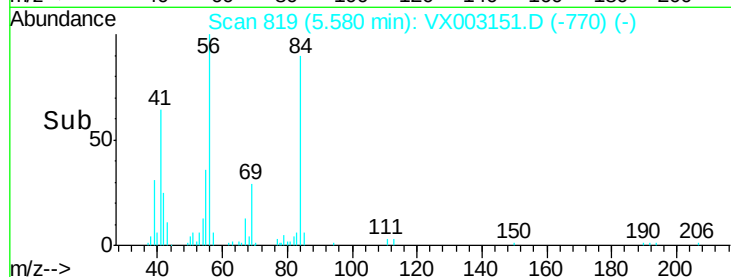
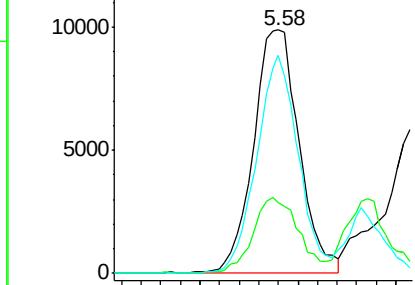
#31
Cyclohexane
Concen: 6.79 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX003151.D
Acq: 03 Jul 2018 16:19

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 32051
Ion Ratio Lower Upper
56 100
69 29.3 23.7 35.5
84 89.4 64.1 96.1

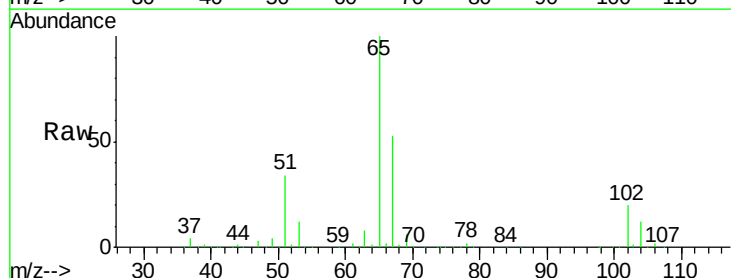


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

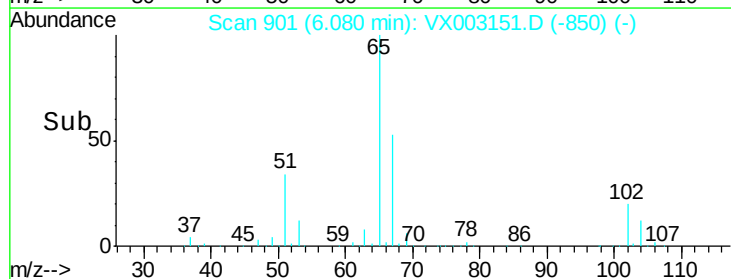
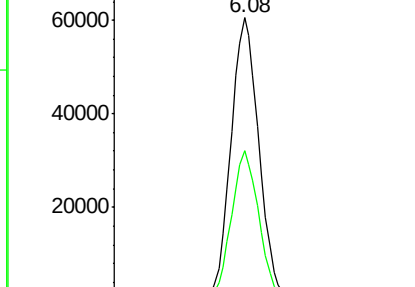


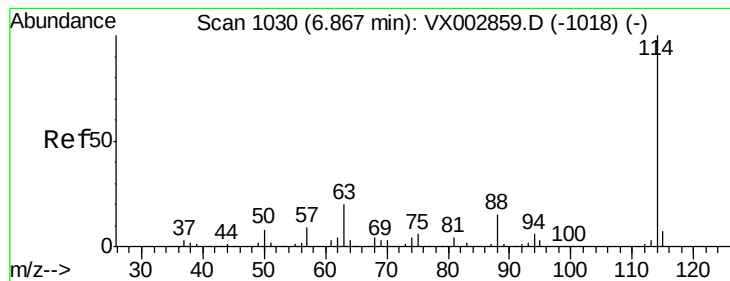
#33
1,2-Dichloroethane-d4
Concen: 45.47 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX003151.D
Acq: 03 Jul 2018 16:19

Tgt Ion: 65 Resp: 171215
Ion Ratio Lower Upper
65 100
67 52.1 0.0 102.6



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: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003151.D

Acq: 03 Jul 2018 16:19

Instrument :

MSVOA_X

ClientSampleId :

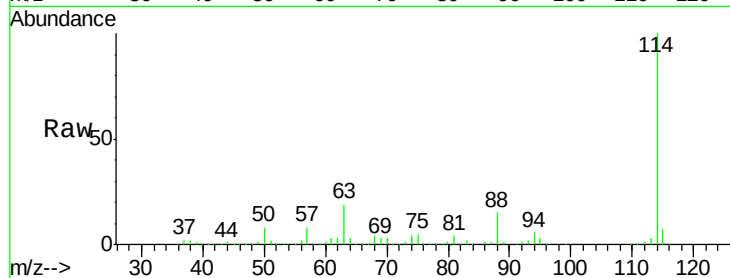
Tot Ion:114 Resp: 382175

Ion Ratio Lower Upper

114 100

63 18.9 0.0 41.4

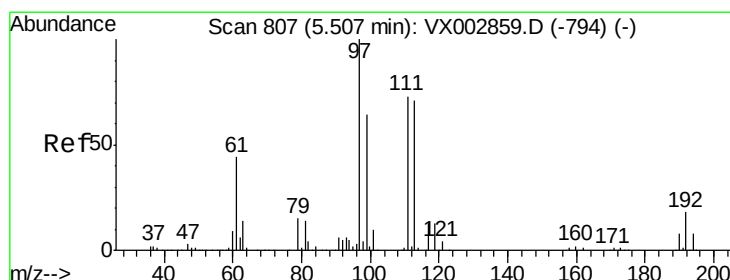
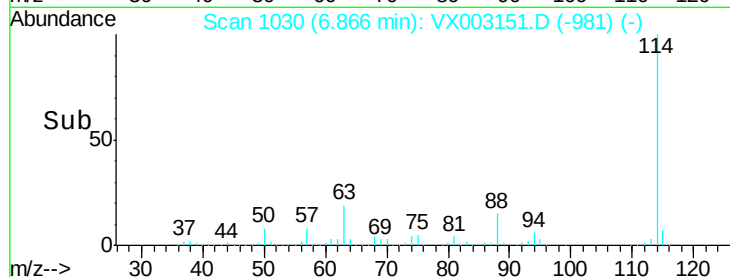
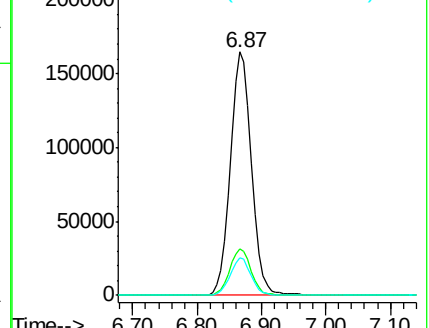
88 15.3 0.0 30.0



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: 47.13 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX003151.D

Acq: 03 Jul 2018 16:19

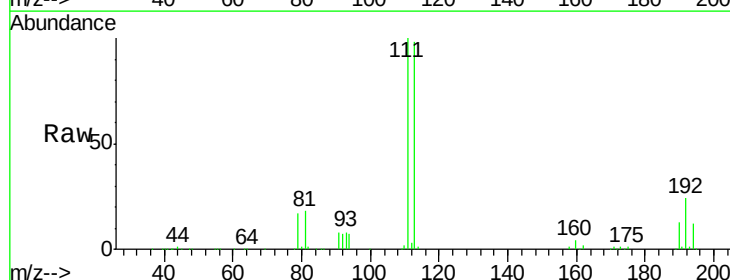
Tgt Ion:113 Resp: 142625

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

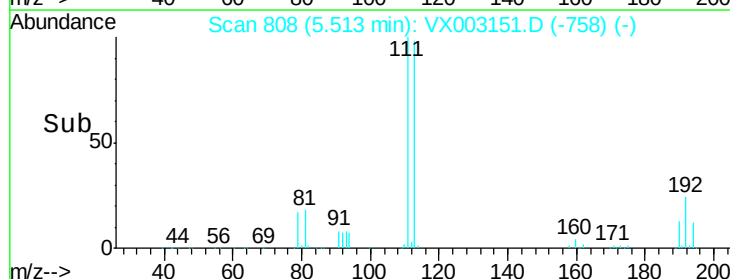
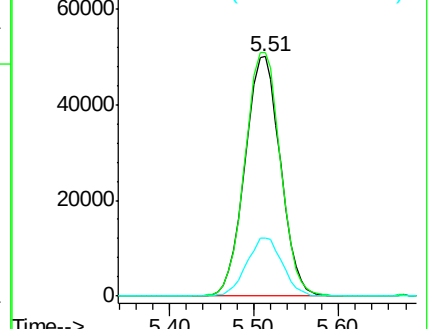
192 24.7 19.1 28.7

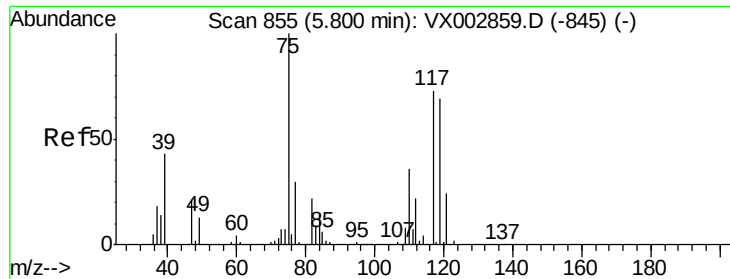


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

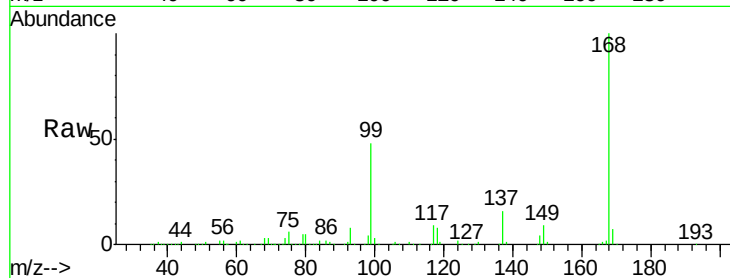




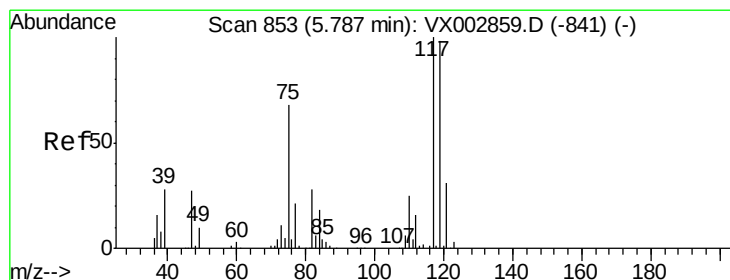
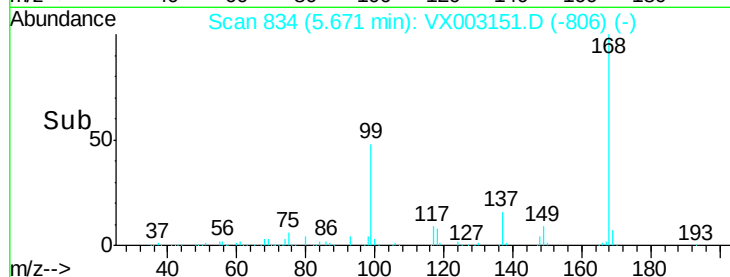
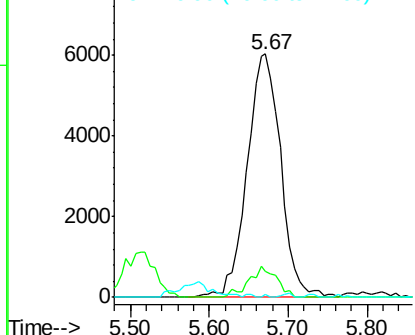
#36
 1,1-Dichloropropene
 Concen: 4.26 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX003151.D
 Acq: 03 Jul 2018 16:19

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	75	Resp	17839
Ion Ratio	100	Lower	Upper
75	100		
110	10.5	18.1	54.4#
77	0.0	24.3	36.5#

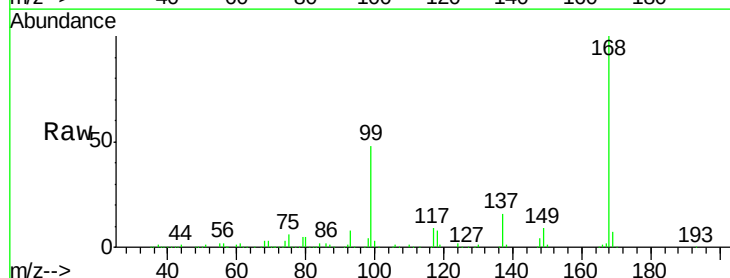


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

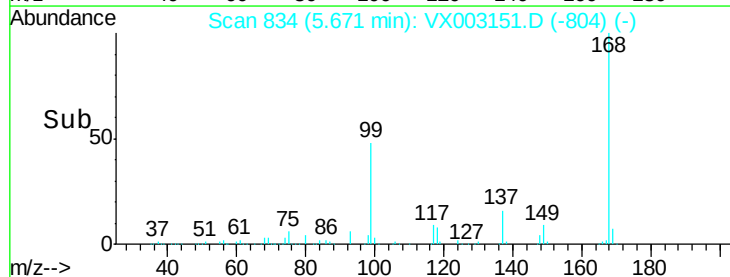
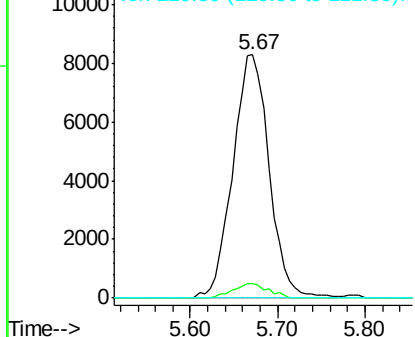


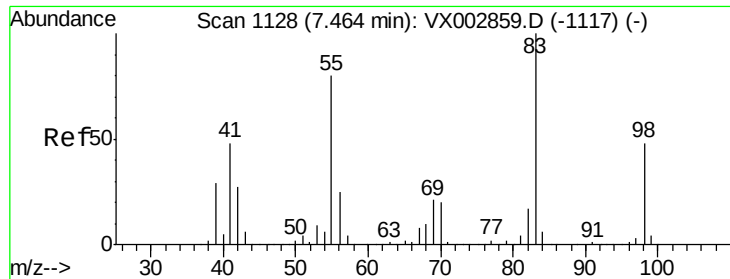
#38
 Carbon Tetrachloride
 Concen: 5.20 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX003151.D
 Acq: 03 Jul 2018 16:19

Tgt Ion	117	Resp	23899
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	6.2	77.4	116.0#
121	0.0	24.4	36.6#



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

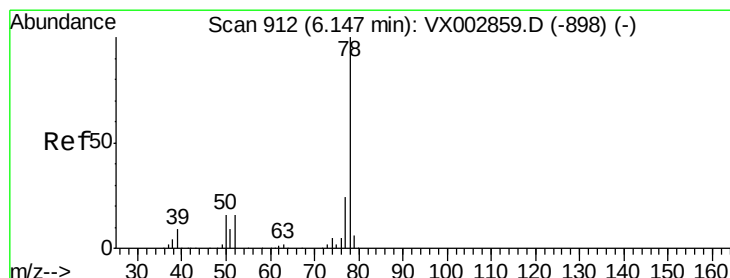
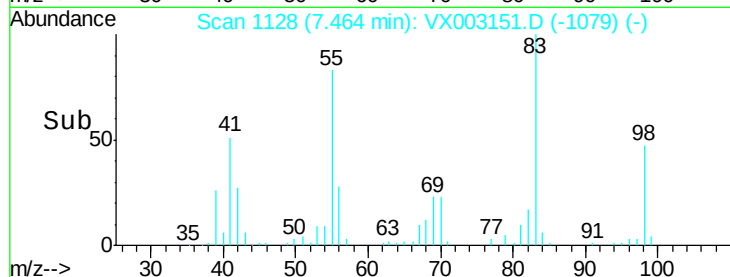
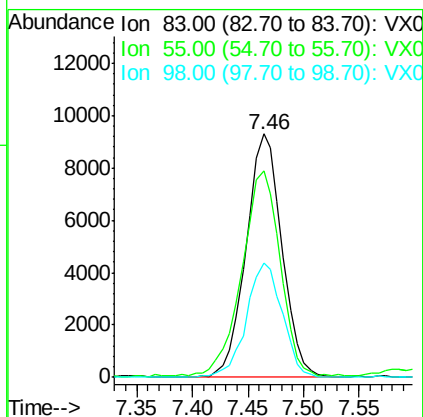
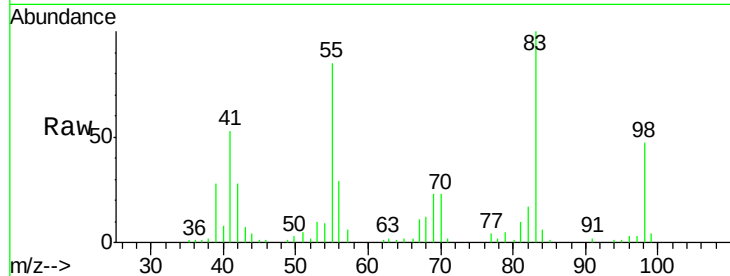




#39
Methylvlcyclohexane
Concen: 4.26 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003151.D
Acq: 03 Jul 2018 16:19

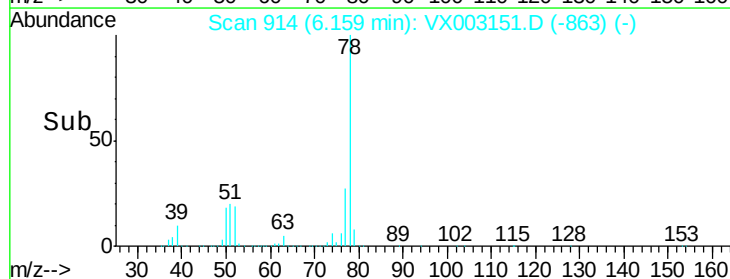
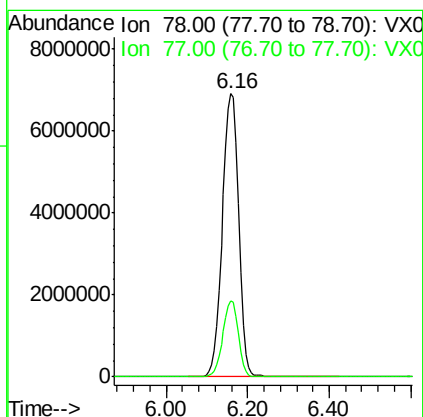
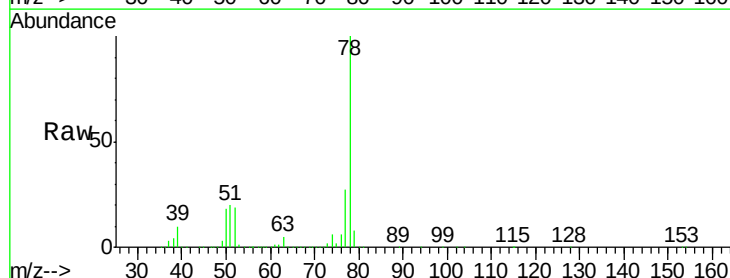
Instrument :
MSVOA_X
ClientSampleId :

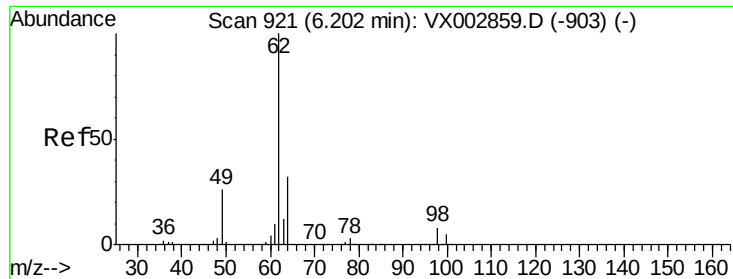
Tot Ion: 83 Resp: 20794
Ion Ratio Lower Upper
83 100
55 84.0 65.4 98.0
98 47.2 37.4 56.0



#40
Benzene
Concen: 1594.53 ug/l
RT: 6.16 min Scan# 914
Delta R.T. 0.01 min
Lab File: VX003151.D
Acq: 03 Jul 2018 16:19

Tgt Ion: 78 Resp:19417060
Ion Ratio Lower Upper
78 100
77 27.0 19.1 28.7

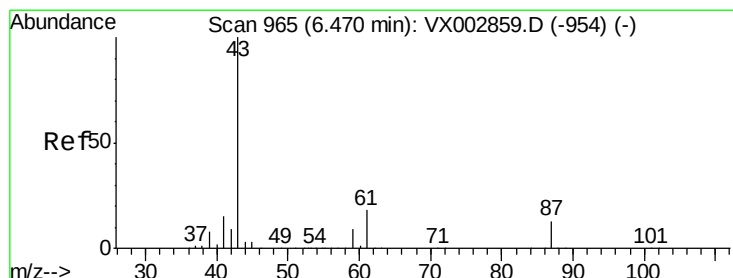
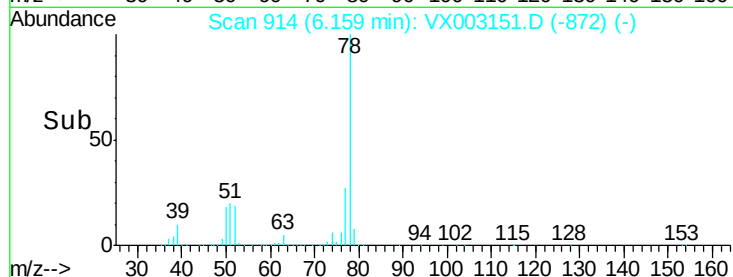
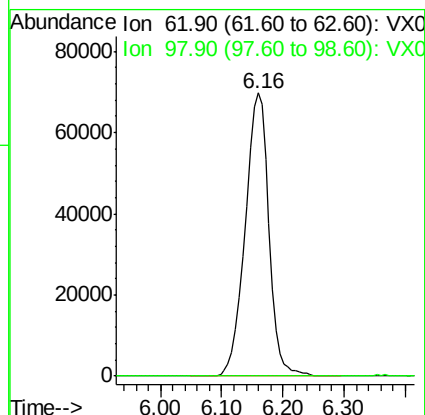
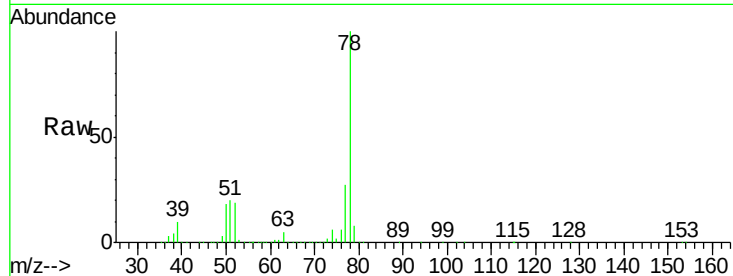




#42
 1,2-Dichloroethane
 Concen: 38.18 ug/l
 RT: 6.16 min Scan# 914
 Delta R.T. -0.04 min
 Lab File: VX003151.D
 Acq: 03 Jul 2018 16:19

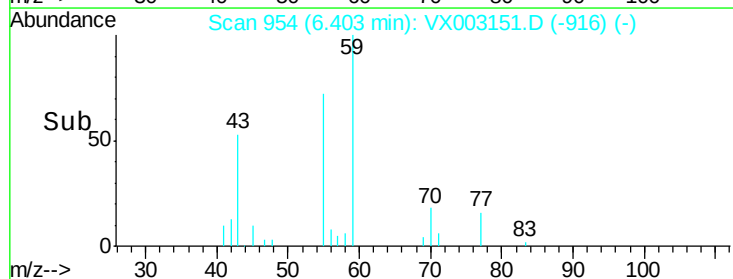
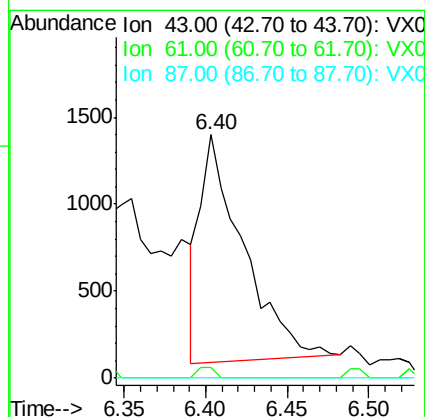
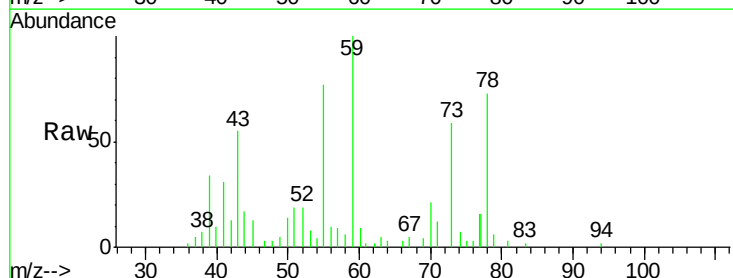
Instrument :
 MSVOA_X
 ClientSampleId :

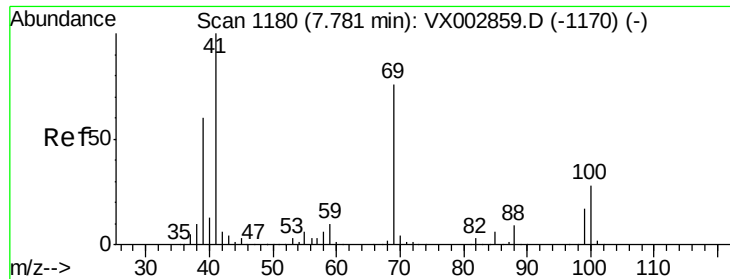
Tot Ion: 62 Resp: 187791
 Ion Ratio Lower Upper
 62 100
 98 0.0 0.0 16.6



#43
 Isopropyl Acetate
 Concen: 0.31 ug/l
 RT: 6.40 min Scan# 954
 Delta R.T. -0.07 min
 Lab File: VX003151.D
 Acq: 03 Jul 2018 16:19

Tgt Ion: 43 Resp: 2368
 Ion Ratio Lower Upper
 43 100
 61 0.0 14.4 21.6#
 87 0.0 9.5 14.3#

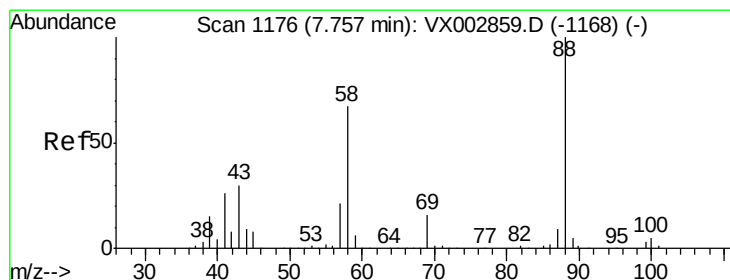
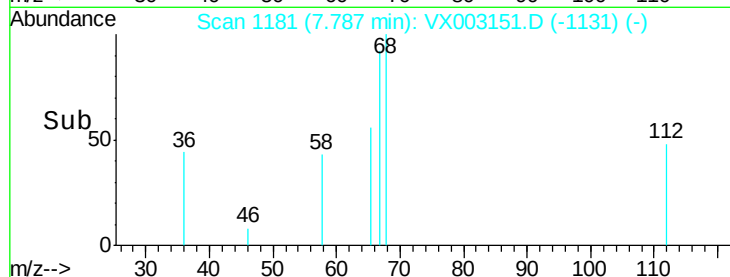
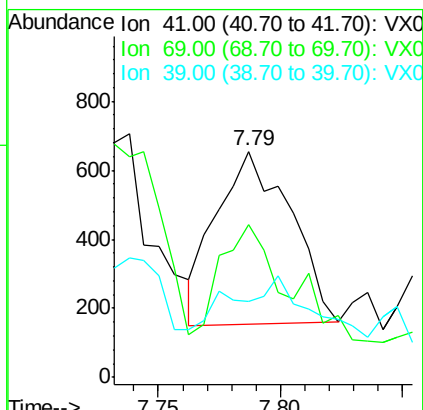
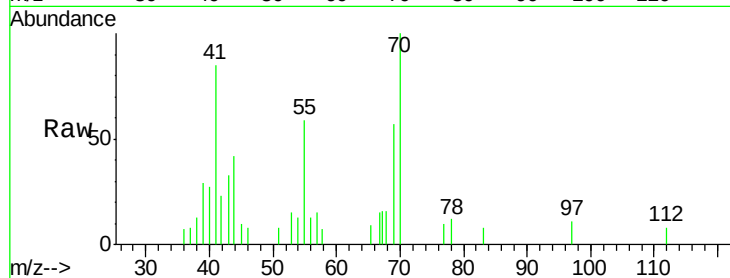




#48
Methvl methacrylate
Concen: 0.27 ug/l
RT: 7.79 min Scan# 1181
Delta R.T. 0.01 min
Lab File: VX003151.D
Acq: 03 Jul 2018 16:19

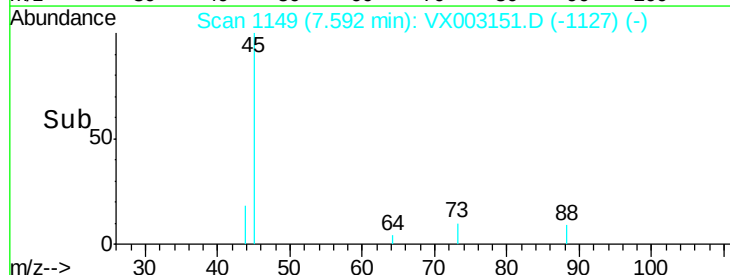
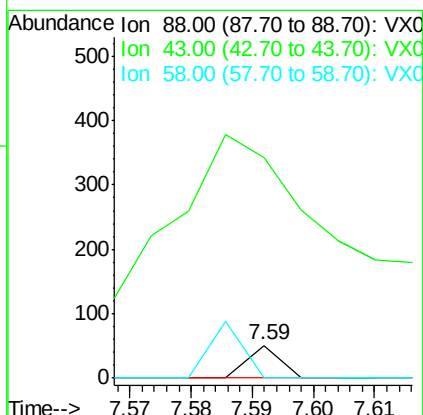
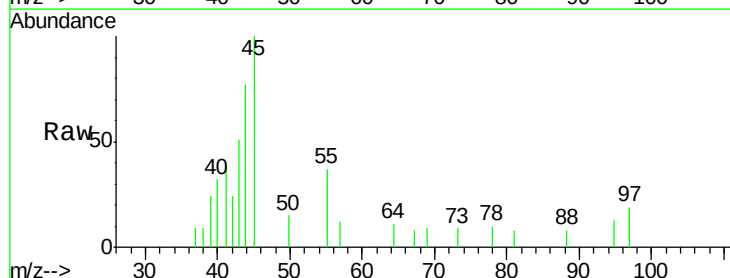
Instrument :
MSVOA_X
ClientSampleId :

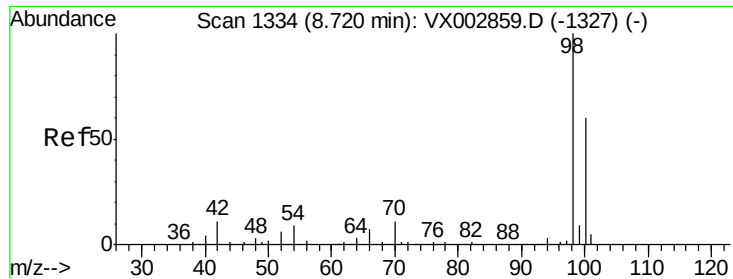
Tot Ion: 41 Resp: 1052
Ion Ratio Lower Upper
41 100
69 91.5 59.1 88.7#
39 35.4 48.9 73.3#



#49
1,4-Dioxane
Concen: 0.25 ug/l
RT: 7.59 min Scan# 1149
Delta R.T. -0.16 min
Lab File: VX003151.D
Acq: 03 Jul 2018 16:19

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 3736.8 29.8 44.6#
58 0.0 57.1 85.7#

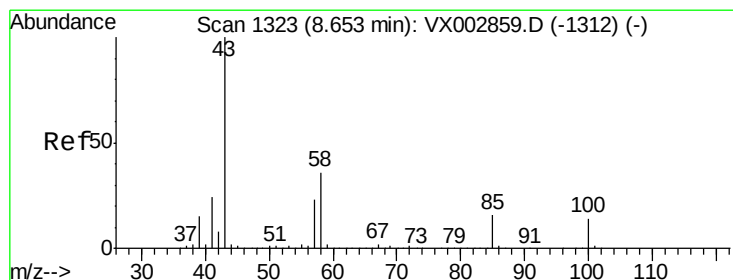
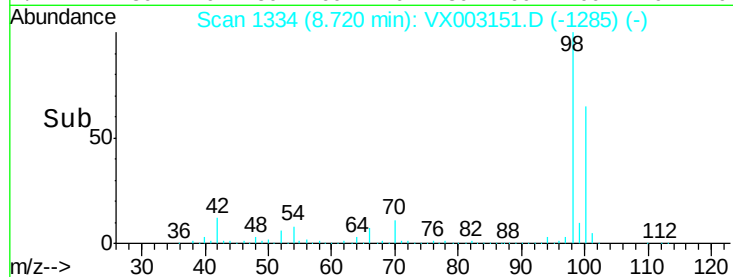
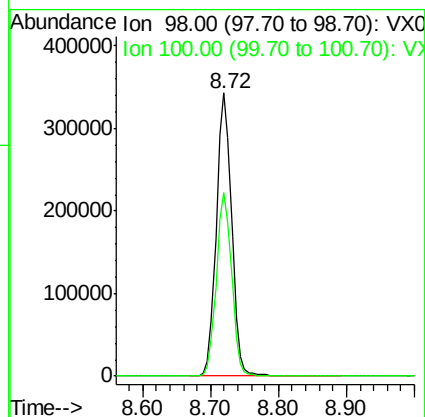
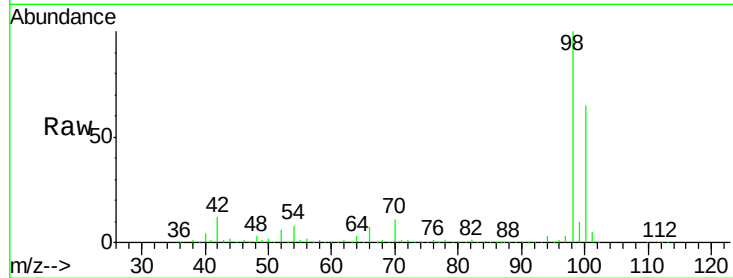




#50
Toluene-d8
Concen: 48.76 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003151.D
Acq: 03 Jul 2018 16:19

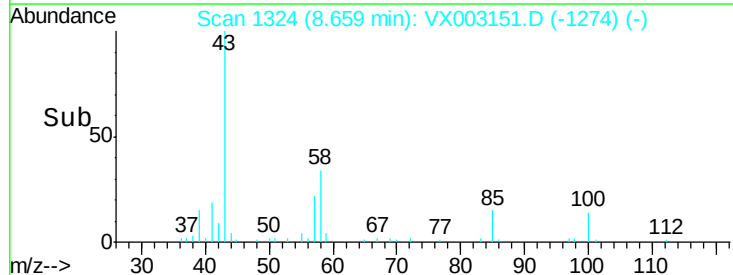
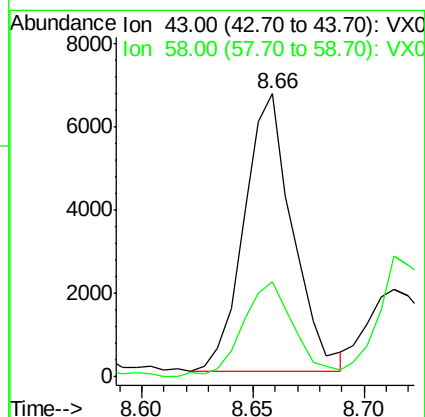
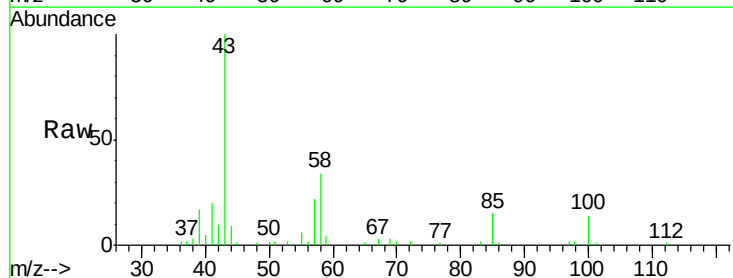
Instrument :
MSVOA_X
ClientSampleId :

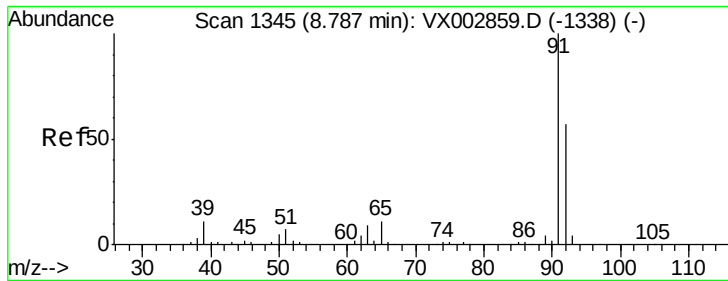
Tot Ion: 98 Resp: 538887
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 2.14 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX003151.D
Acq: 03 Jul 2018 16:19

Tgt Ion: 43 Resp: 10112
Ion Ratio Lower Upper
43 100
58 36.7 28.6 42.8





#52

Toluene

Concen: 0.69 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VX003151.D

Acq: 03 Jul 2018 16:19

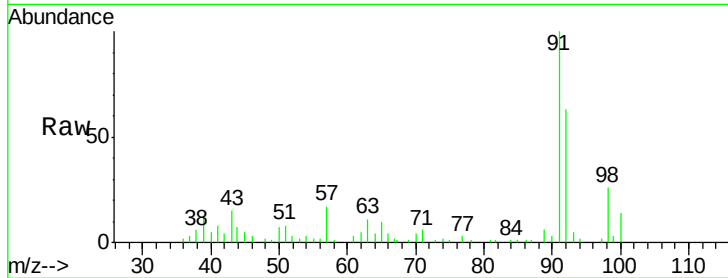
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 92 Resp: 5391

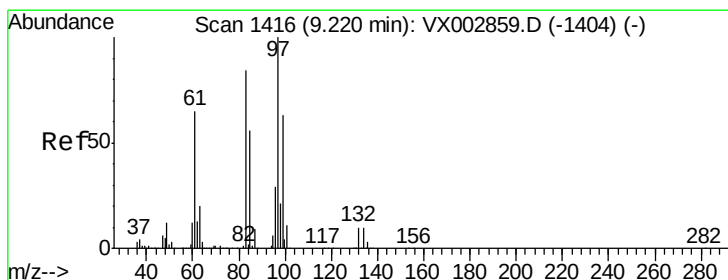
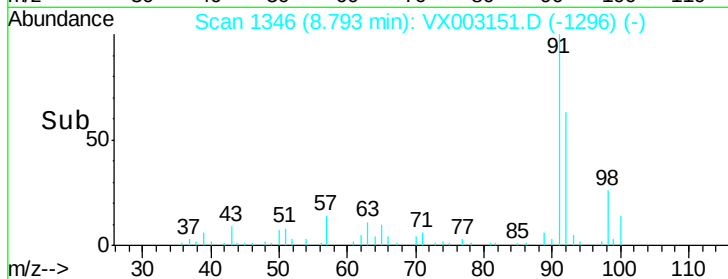
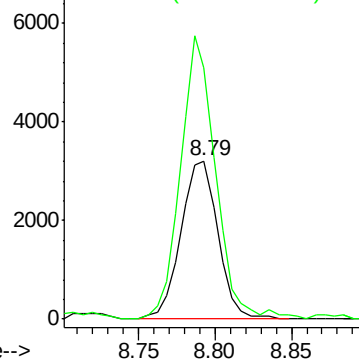
Ion Ratio Lower Upper

92 100

91 166.3 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0



#55

1,1,2-Trichloroethane

Concen: 0.40 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.06 min

Lab File: VX003151.D

Acq: 03 Jul 2018 16:19

Tgt Ion: 97 Resp: 1297

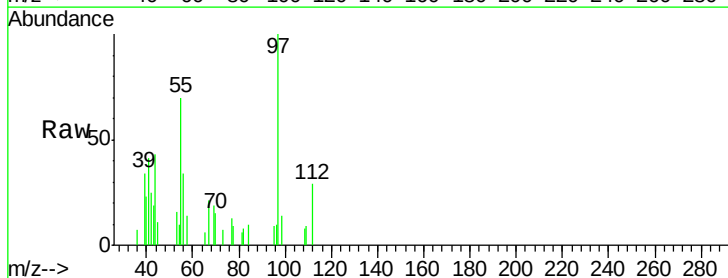
Ion Ratio Lower Upper

97 100

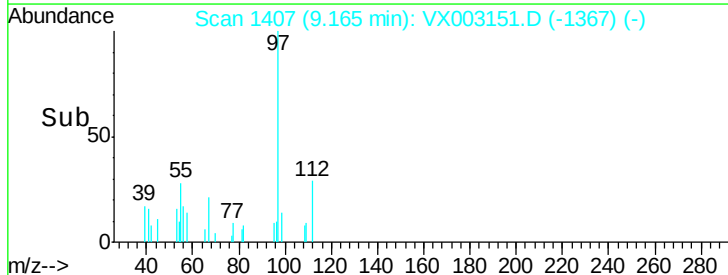
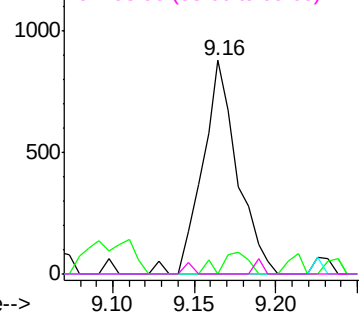
83 0.0 70.2 105.2#

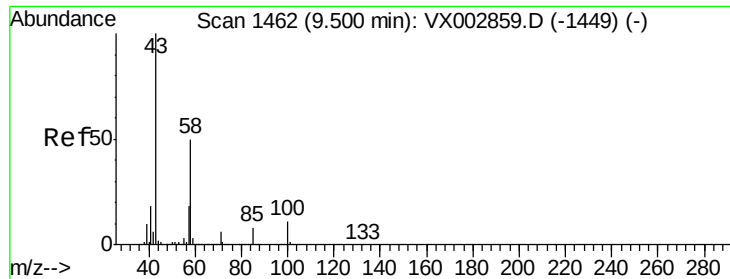
85 0.0 44.9 67.3#

99 0.0 49.8 74.8#



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0

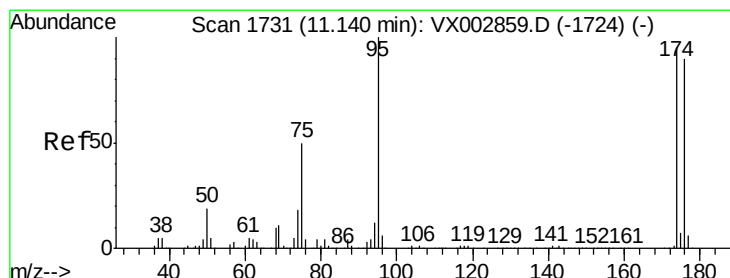
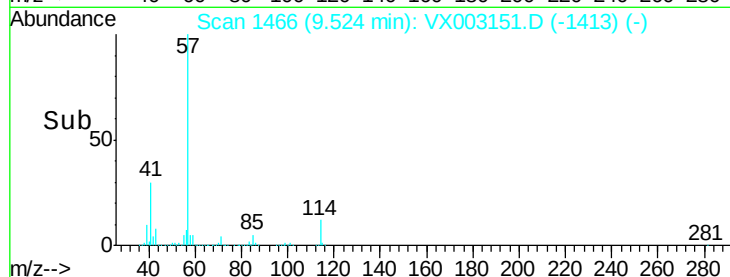
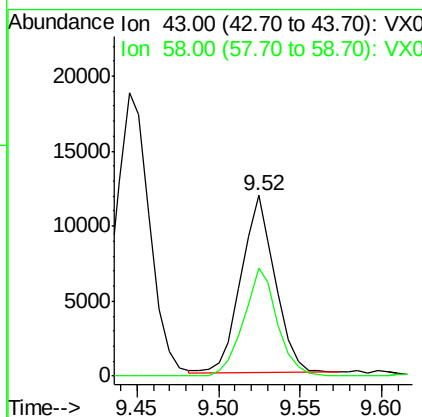
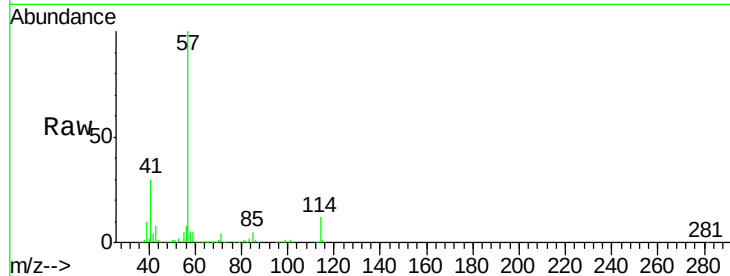




#59
2-Hexanone
Concen: 4.75 ug/l
RT: 9.52 min Scan# 1466
Delta R.T. 0.02 min
Lab File: VX003151.D
Acq: 03 Jul 2018 16:19

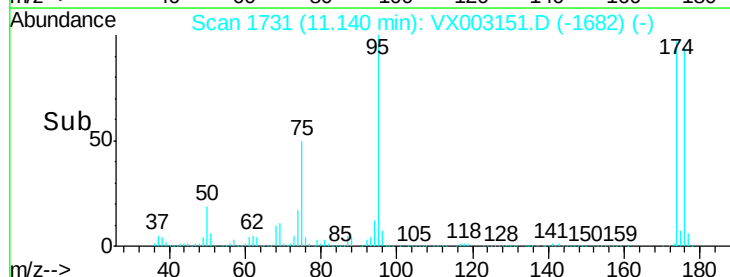
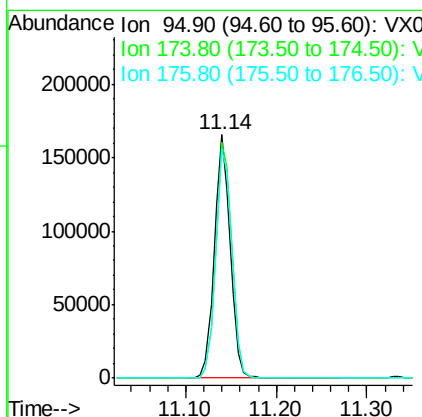
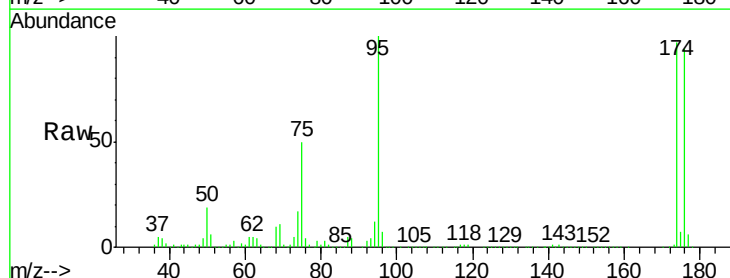
Instrument :
MSVOA_X
ClientSampleId :

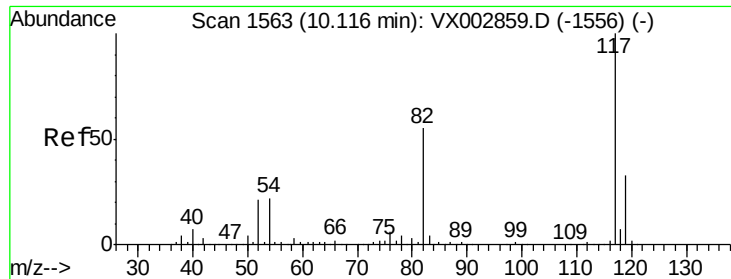
Tot Ion: 43 Resp: 17109
Ion Ratio Lower Upper
43 100
58 60.5 24.6 73.6



#62
4-Bromofluorobenzene
Concen: 47.76 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003151.D
Acq: 03 Jul 2018 16:19

Tgt Ion: 95 Resp: 203548
Ion Ratio Lower Upper
95 100
174 99.1 0.0 187.4
176 96.7 0.0 181.0





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX003151.D

Acq: 03 Jul 2018 16:19

Instrument :

MSVOA_X

ClientSampleId :

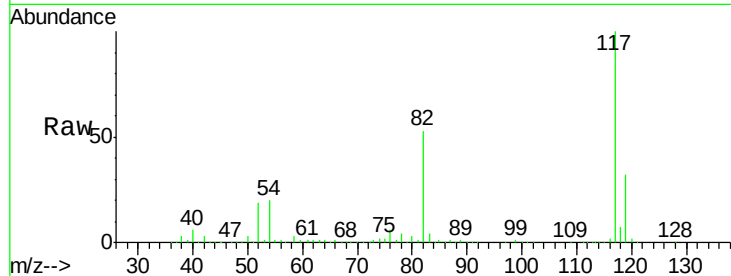
Tot Ion:117 Resp: 374145

Ion Ratio Lower Upper

117 100

82 53.0 45.0 67.4

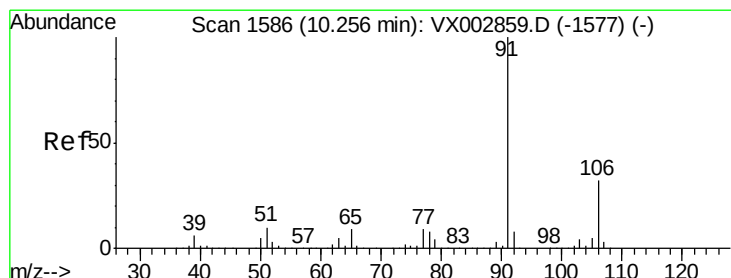
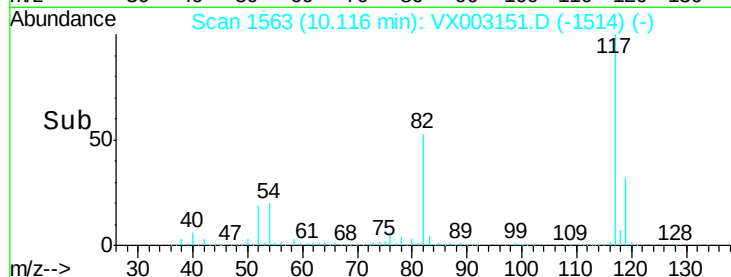
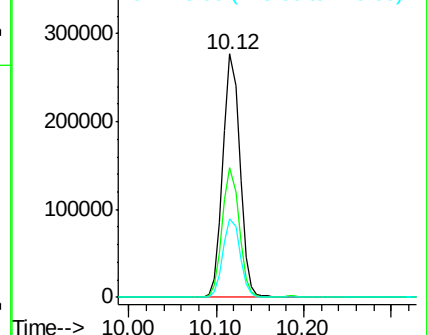
119 32.2 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 21.77 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX003151.D

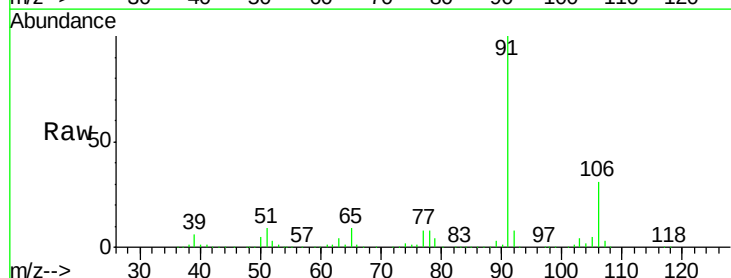
Acq: 03 Jul 2018 16:19

Tgt Ion: 91 Resp: 341803

Ion Ratio Lower Upper

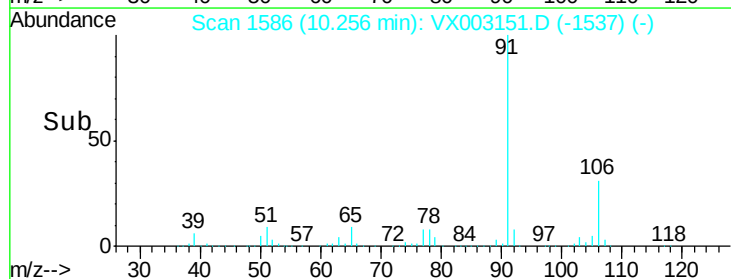
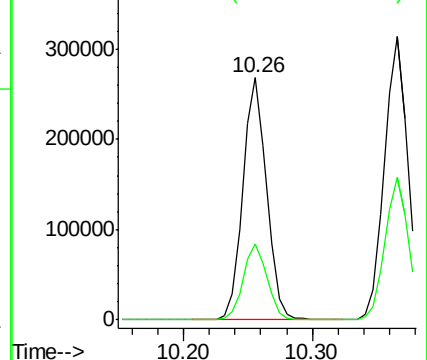
91 100

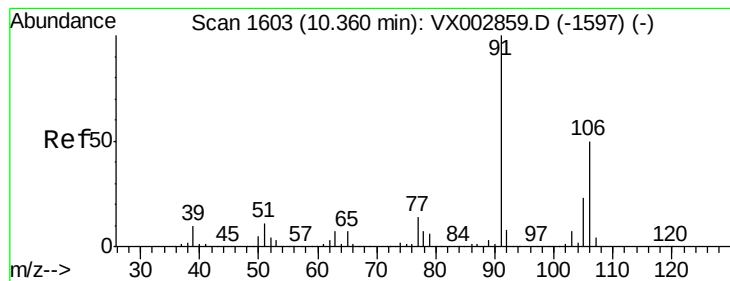
106 31.4 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 32.83 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.01 min

Lab File: VX003151.D

Acq: 03 Jul 2018 16:19

Instrument :

MSVOA_X

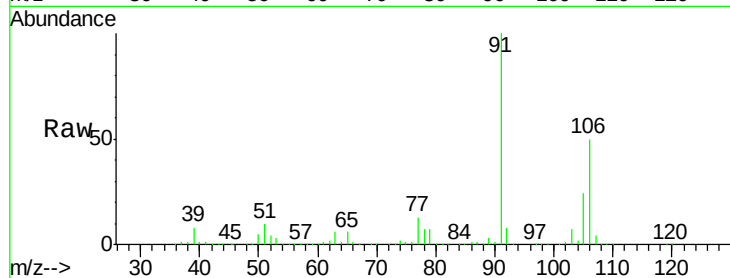
ClientSampleId :

Tot Ion:106 Resp: 198646

Ion Ratio Lower Upper

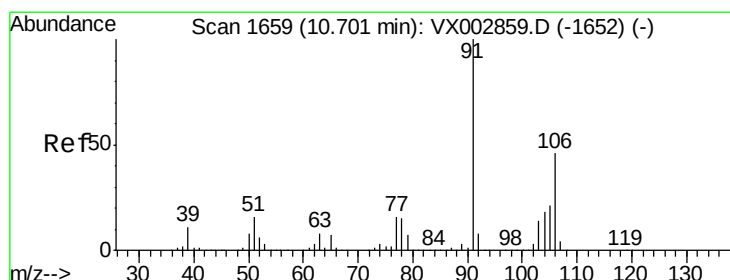
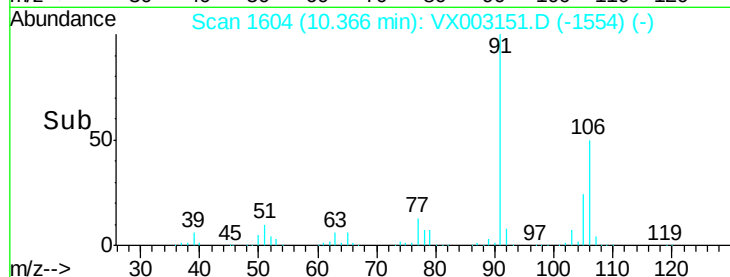
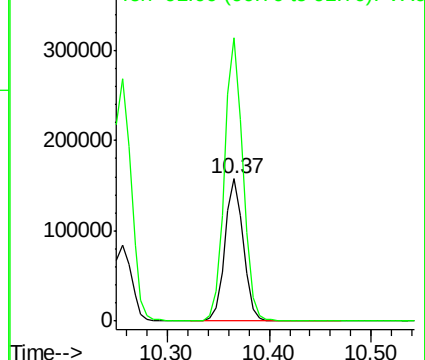
106 100

91 198.6 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.26 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX003151.D

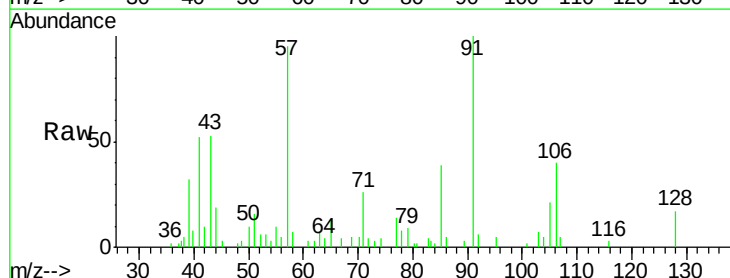
Acq: 03 Jul 2018 16:19

Tgt Ion:106 Resp: 1505

Ion Ratio Lower Upper

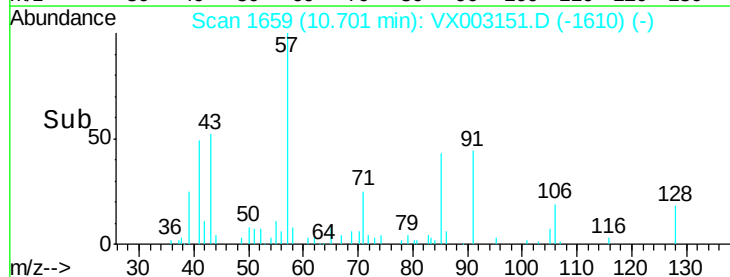
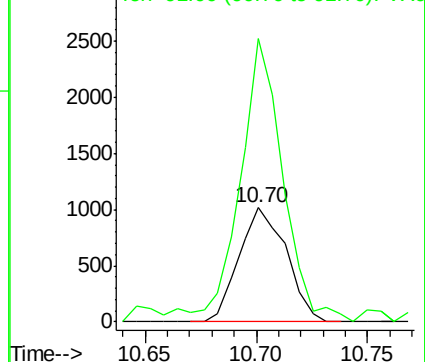
106 100

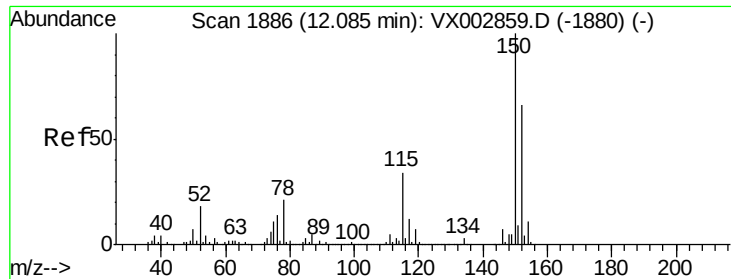
91 222.1 108.2 324.6



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: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003151.D

Acq: 03 Jul 2018 16:19

Instrument :

MSVOA_X

ClientSampleId :

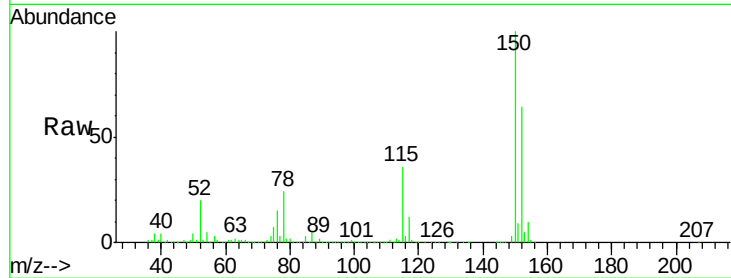
Tot Ion:152 Resp: 211643

Ion Ratio Lower Upper

152 100

115 53.6 40.1 120.2

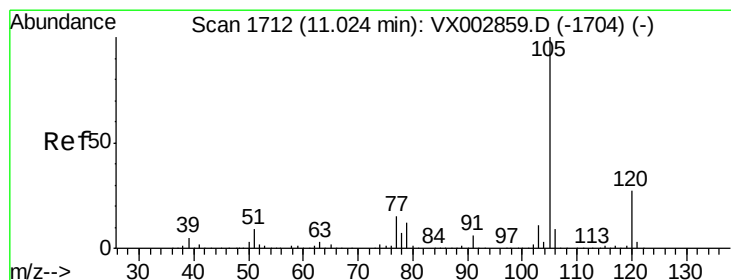
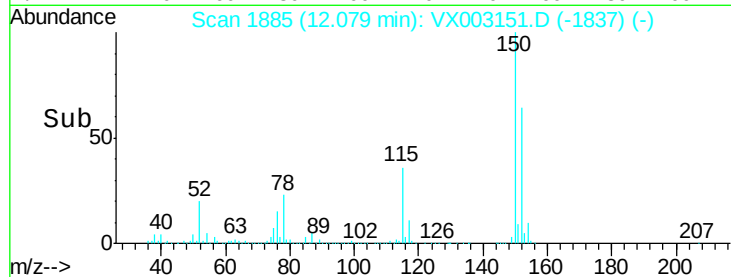
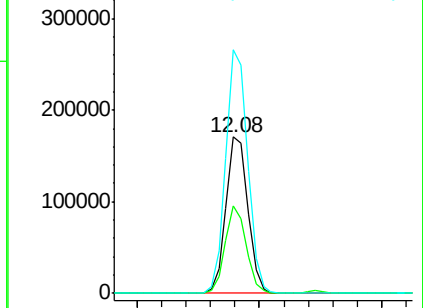
150 155.7 0.0 347.2



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



#73

Isopropylbenzene

Concen: 10.43 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003151.D

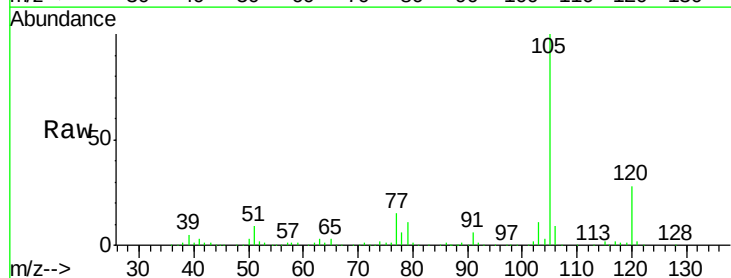
Acq: 03 Jul 2018 16:19

Tgt Ion:105 Resp: 148452

Ion Ratio Lower Upper

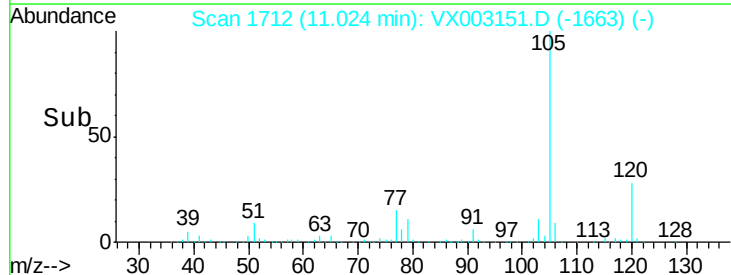
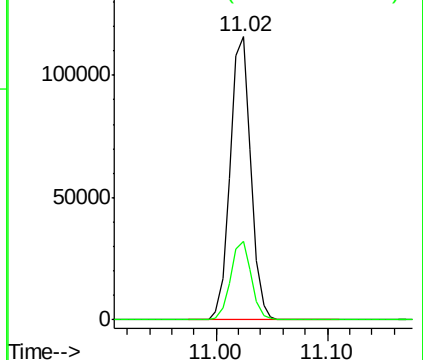
105 100

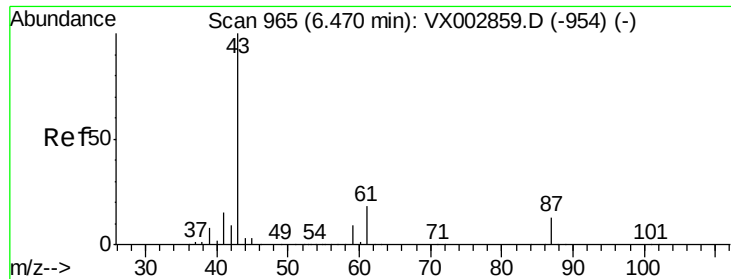
120 27.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyl acetate

Concen: 0.34 ug/l

RT: 6.40 min Scan# 954

Delta R.T. -0.07 min

Lab File: VX003151.D

Acq: 03 Jul 2018 16:19

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 2368

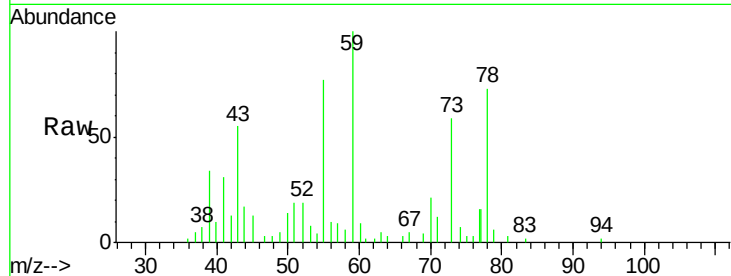
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 93.2 0.0 0.0#

61 0.0 14.4 21.6#

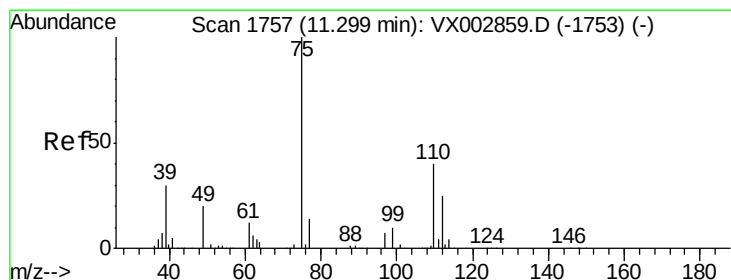
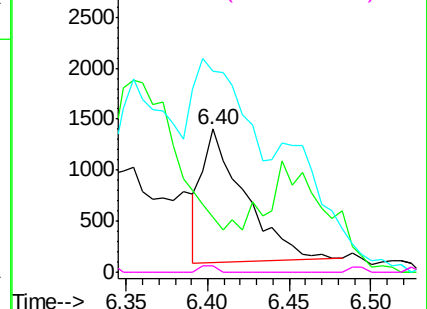
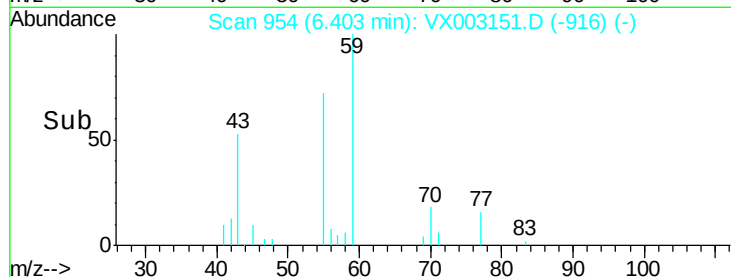


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 26.64 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003151.D

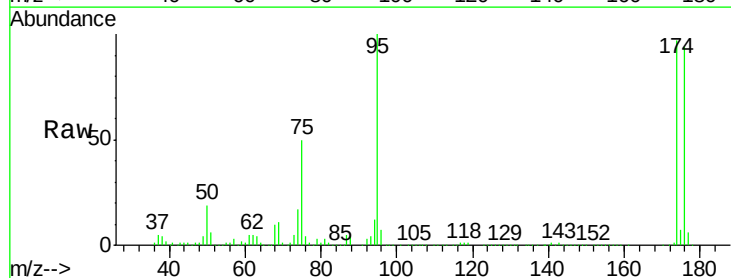
Acq: 03 Jul 2018 16:19

Tgt Ion: 75 Resp: 102145

Ion Ratio Lower Upper

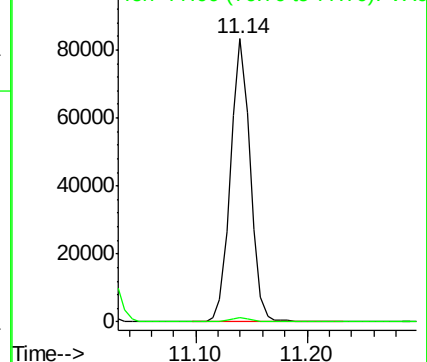
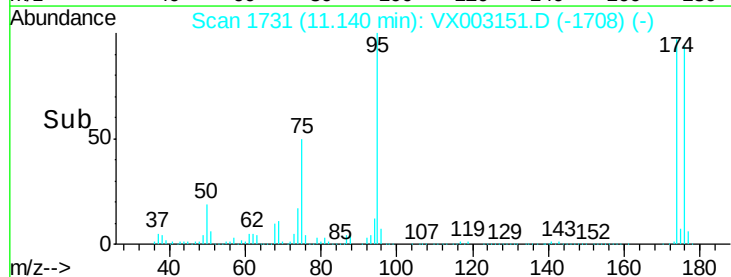
75 100

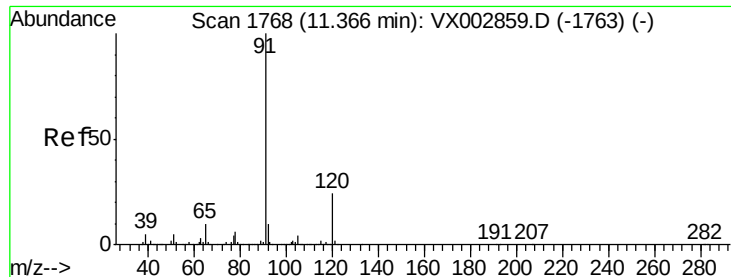
77 1.5 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 4.00 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003151.D

Acq: 03 Jul 2018 16:19

Instrument :

MSVOA_X

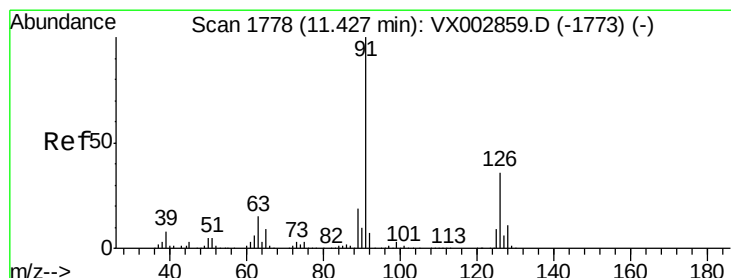
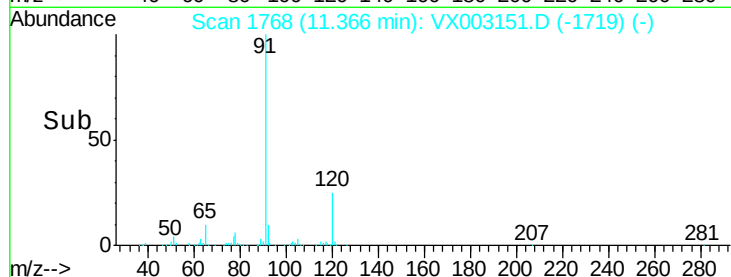
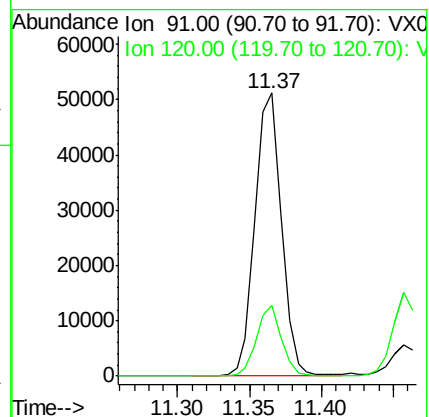
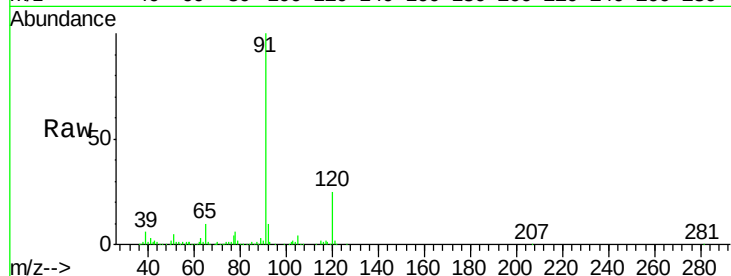
ClientSampled :

Tot Ion: 91 Resp: 64796

Ion Ratio Lower Upper

91 100

120 23.4 11.8 35.4



#79

2-Chlorotoluene

Concen: 0.75 ug/l

RT: 11.46 min Scan# 1783

Delta R.T. 0.03 min

Lab File: VX003151.D

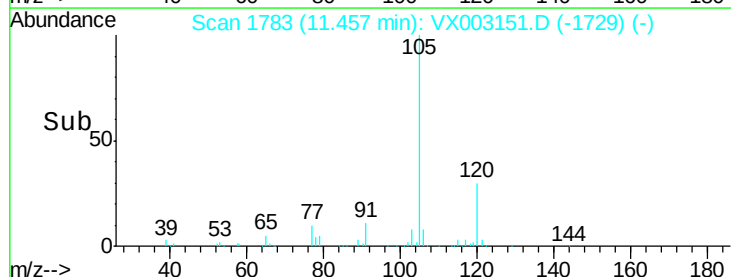
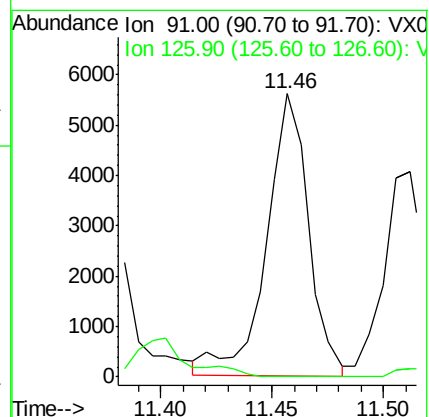
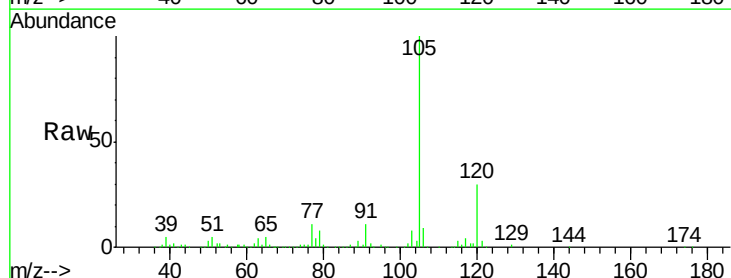
Acq: 03 Jul 2018 16:19

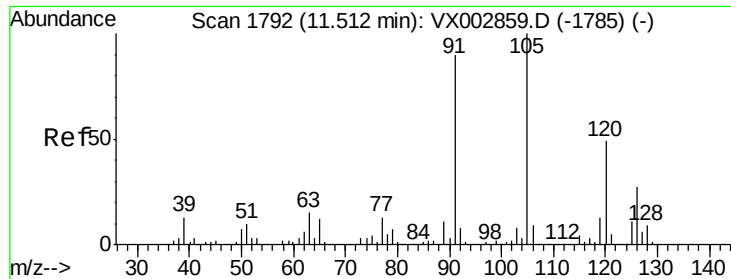
Tgt Ion: 91 Resp: 7355

Ion Ratio Lower Upper

91 100

126 0.0 17.7 53.1#

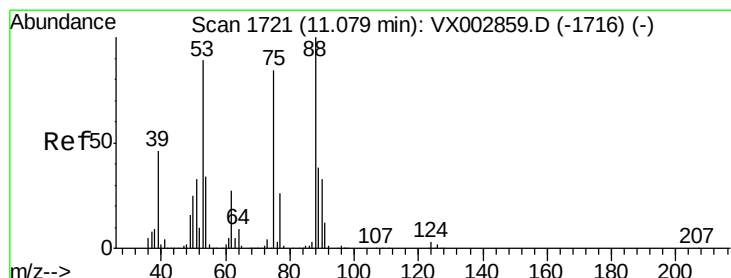
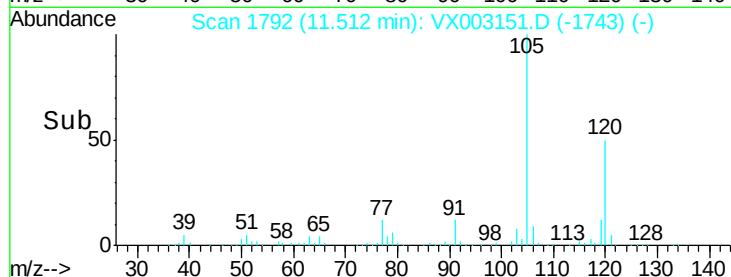
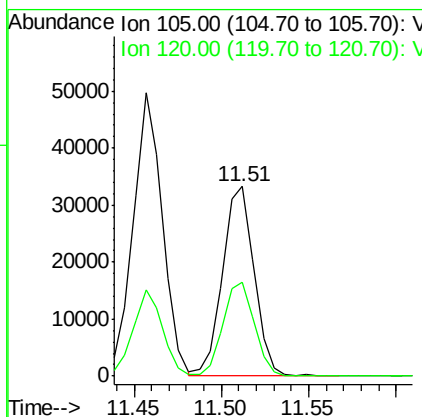
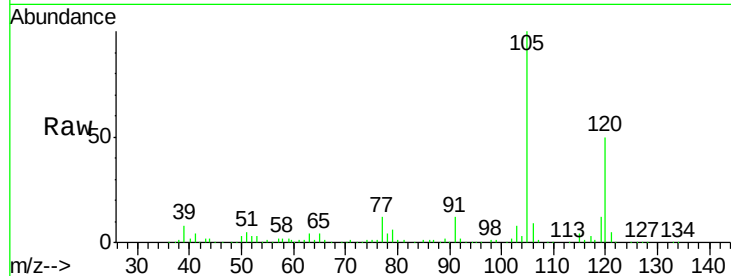




#80
 1,3,5-Trimethylbenzene
 Concen: 3.48 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX003151.D
 Acq: 03 Jul 2018 16:19

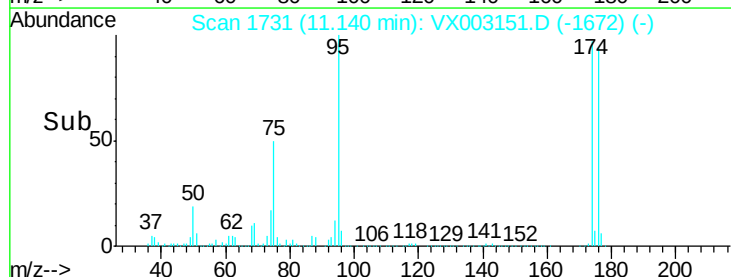
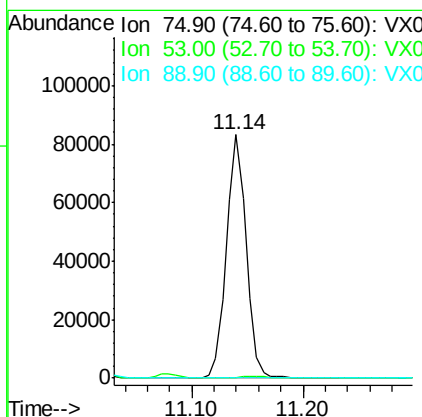
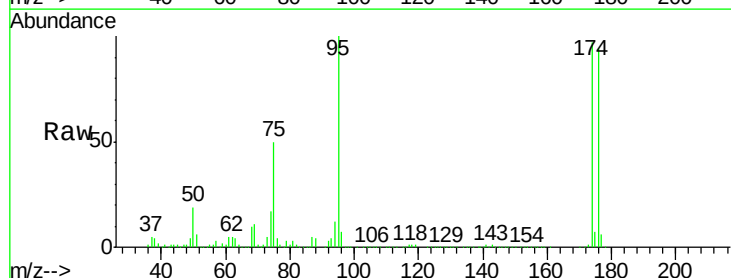
Instrument :
 MSVOA_X
 ClientSampleId :

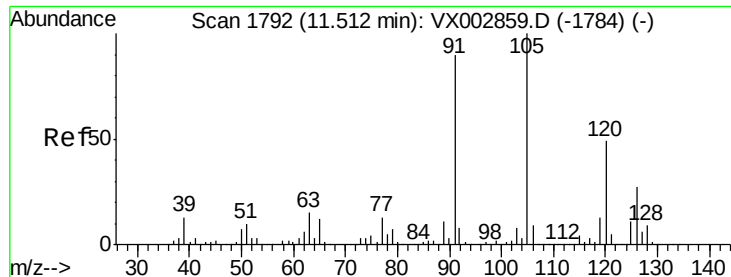
Tot Ion:105 Resp: 41767
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.47 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX003151.D
 Acq: 03 Jul 2018 16:19

Tgt Ion: 75 Resp: 102145
 Ion Ratio Lower Upper
 75 100
 53 0.9 86.8 130.2#
 89 0.1 38.2 57.2#





#82

4-Chlorotoluene

Concen: 0.48 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003151.D

Acq: 03 Jul 2018 16:19

Instrument :

MSVOA_X

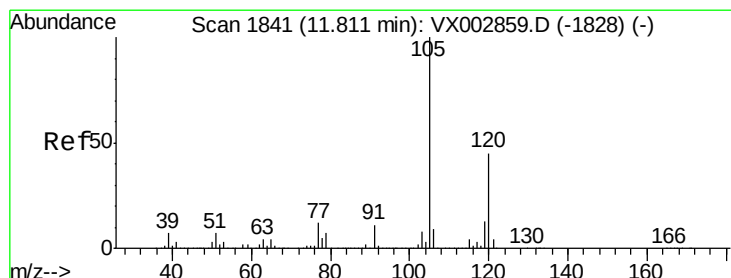
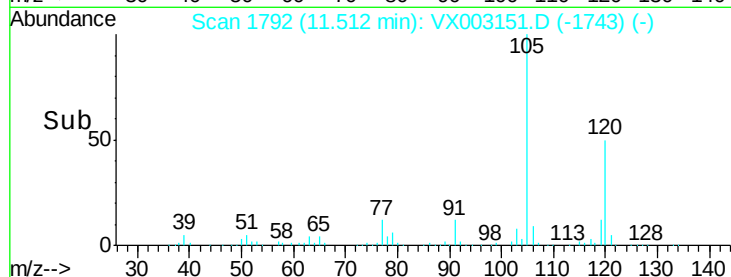
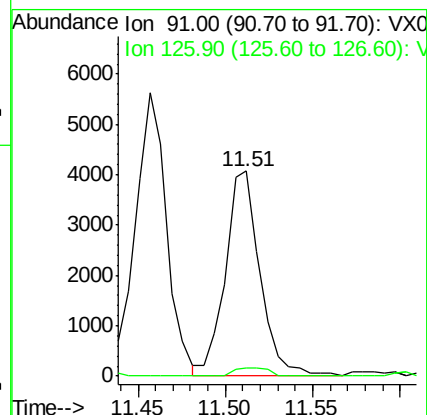
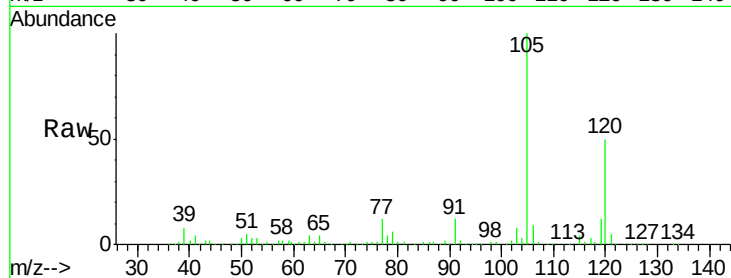
ClientSampleId :

Tot Ion: 91 Resp: 5609

Ion Ratio Lower Upper

91 100

126 3.9 15.4 46.4#



#84

1,2,4-Trimethylbenzene

Concen: 12.77 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX003151.D

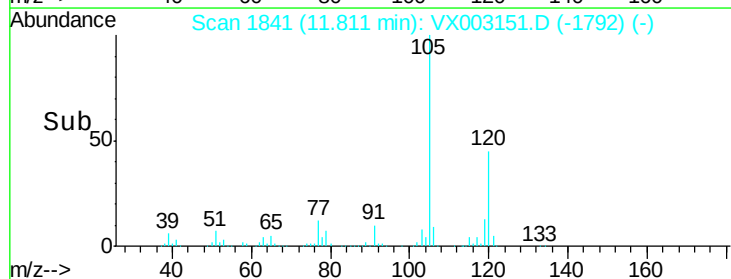
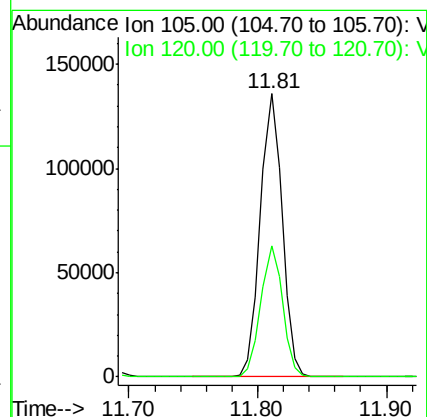
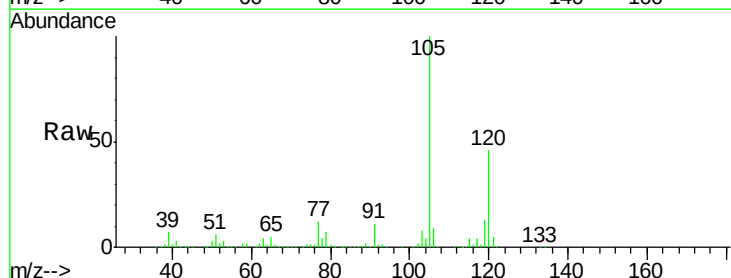
Acq: 03 Jul 2018 16:19

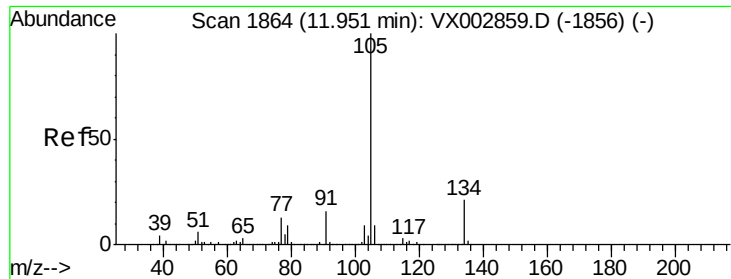
Tgt Ion: 105 Resp: 158618

Ion Ratio Lower Upper

105 100

120 46.5 22.3 66.8

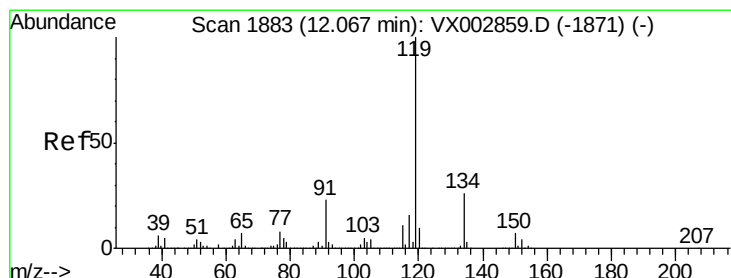
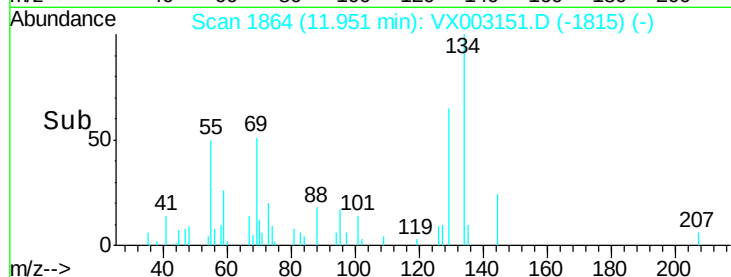
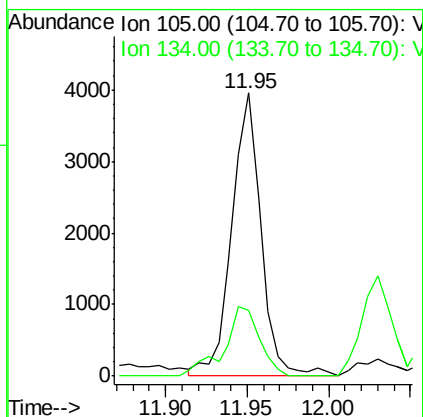
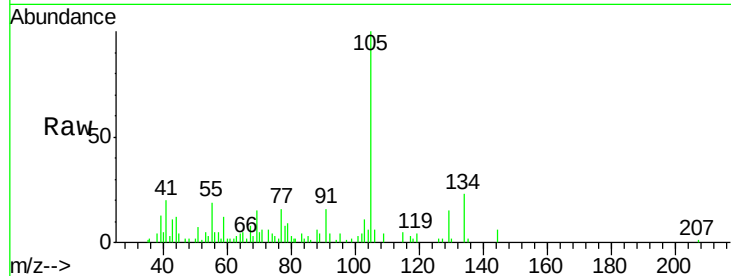




#85
 sec-Butylbenzene
 Concen: 0.35 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003151.D
 Acq: 03 Jul 2018 16:19

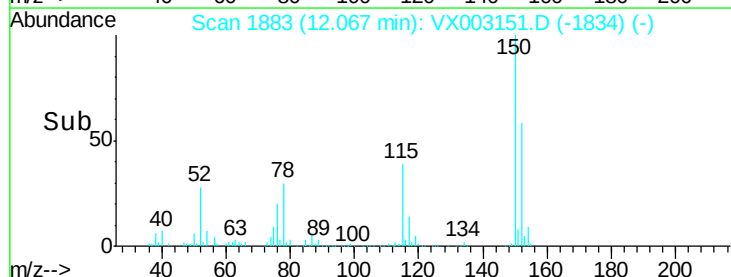
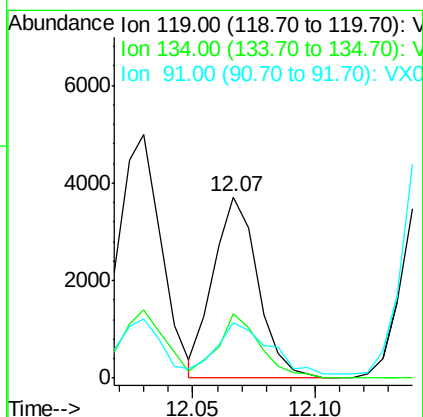
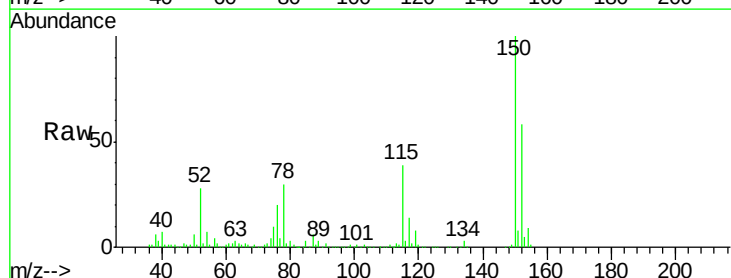
Instrument :
 MSVOA_X
 ClientSampleId :

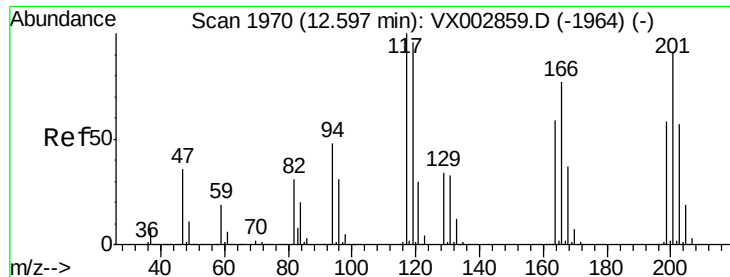
Tot Ion:105 Resp: 4957
 Ion Ratio Lower Upper
 105 100
 134 29.6 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 0.36 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX003151.D
 Acq: 03 Jul 2018 16:19

Tgt Ion:119 Resp: 4696
 Ion Ratio Lower Upper
 119 100
 134 33.9 13.4 40.1
 91 32.5 11.9 35.7





#90

Hexachloroethane

Concen: 1.54 ug/l

RT: 12.71 min Scan# 1988

Delta R.T. 0.11 min

Lab File: VX003151.D

Acq: 03 Jul 2018 16:19

Instrument :

MSVOA_X

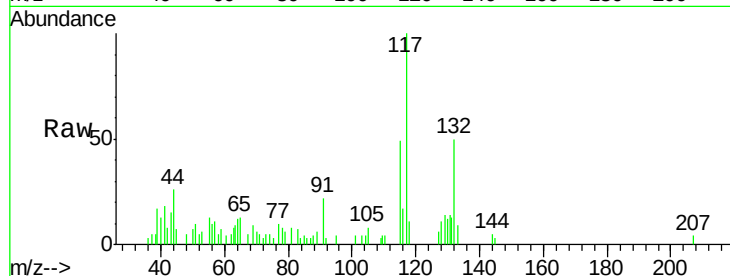
ClientSampleId :

Tot Ion:117 Resp: 2953

Ion Ratio Lower Upper

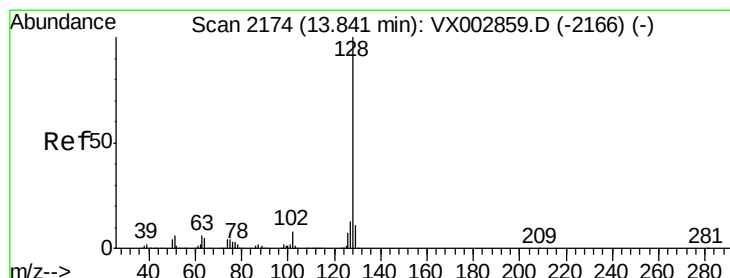
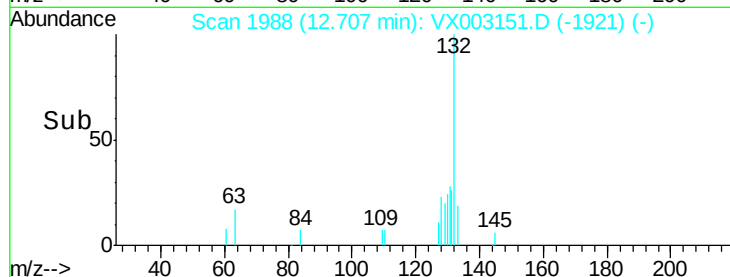
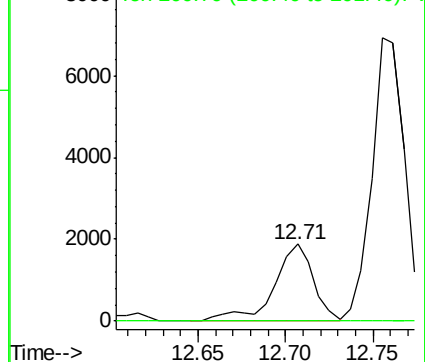
117 100

201 0.0 49.0 147.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 1.10 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX003151.D

Acq: 03 Jul 2018 16:19

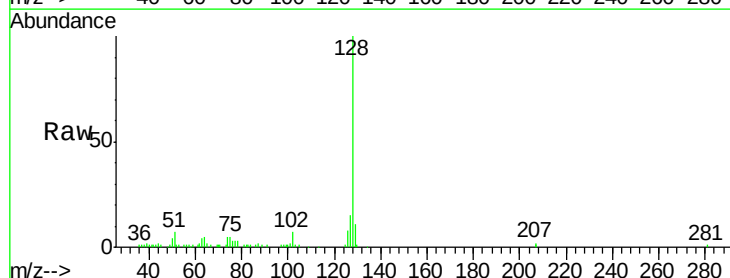
Tgt Ion:128 Resp: 15939

Ion Ratio Lower Upper

128 100

127 14.7 10.4 15.6

129 11.4 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

