

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032618\
 Data File : VX000452.D
 Acq On : 26 Mar 2018 20:02
 Operator : JC/MD
 Sample : J2056-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 27 05:56:05 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	106429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	194005	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	196004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	99798	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	80101	57.66	ug/l	0.00
Spiked Amount			Recovery	=	115.32%	
35) Dibromofluoromethane	5.51	113	61547	50.35	ug/l	0.00
Spiked Amount			Recovery	=	100.70%	
50) Toluene-d8	8.73	98	245588	48.51	ug/l	0.00
Spiked Amount			Recovery	=	97.02%	
62) 4-Bromofluorobenzene	11.15	95	87585	42.06	ug/l	0.00
Spiked Amount			Recovery	=	84.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	268	0.217	ug/l #	40
6) Chloroethane	1.79	64	1902	Below Cal	#	50
10) Methyl Iodide	2.62	142	26	4.294	ug/l #	37
11) Tert butyl alcohol	3.07	59	53697	112.366	ug/l	98
13) Acrolein	2.30	56	406	17.084	ug/l #	52
14) Allyl chloride	2.71	41	1440	0.606	ug/l #	22
16) Acetone	2.45	43	468323	405.228	ug/l	96
17) Carbon Disulfide	2.57	76	929	0.318	ug/l #	76
18) Methyl Acetate	2.78	43	40974	16.911	ug/l	99
19) Methyl tert-butyl Ether	3.22	73	1182	0.277	ug/l	95
20) Methylene Chloride	2.86	84	280723	210.302	ug/l	99
25) 2-Butanone	4.71	43	37647	28.981	ug/l	99
29) Tetrahydrofuran	5.19	42	736	0.921	ug/l #	66
36) 1,1-Dichloropropene	5.67	75	8455	4.653	ug/l #	50
37) Ethyl Acetate	4.86	43	2119	0.854	ug/l #	81
38) Carbon Tetrachloride	5.67	117	10536	5.526	ug/l #	15
40) Benzene	6.15	78	418156	79.236	ug/l	97
42) 1,2-Dichloroethane	6.15	62	4233	2.044	ug/l #	78
49) 1,4-Dioxane	7.77	88	492	13.048	ug/l #	48
51) 4-Methyl-2-Pentanone	8.66	43	3402	1.189	ug/l	88
52) Toluene	8.79	92	558297	151.325	ug/l	100
54) cis-1,3-Dichloropropene	8.79	75	7302	3.482	ug/l #	1
55) 1,1,2-Trichloroethane	9.09	97	382	0.252	ug/l #	16
58) 2-Chloroethyl Vinyl ether	8.30	63	1240	1.124	ug/l #	46
59) 2-Hexanone	9.51	43	3502	1.442	ug/l	95
65) Chlorobenzene	10.15	112	18033	4.134	ug/l #	86
67) Ethyl Benzene	10.26	91	13937	1.885	ug/l	99
68) m/p-Xylenes	10.37	106	20573	7.071	ug/l	97
69) o-Xylene	10.71	106	10823	3.842	ug/l	99
70) Styrene	10.72	104	23921	5.132	ug/l	100
74) N-amyl acetate	6.48	43	198	Below Cal	#	59
76) 1,2,3-Trichloropropane	11.15	75	50933	23.747	ug/l #	35
77) Bromobenzene	11.26	156	1151	0.653	ug/l	75
78) n-propylbenzene	11.38	91	4161	0.528	ug/l #	62

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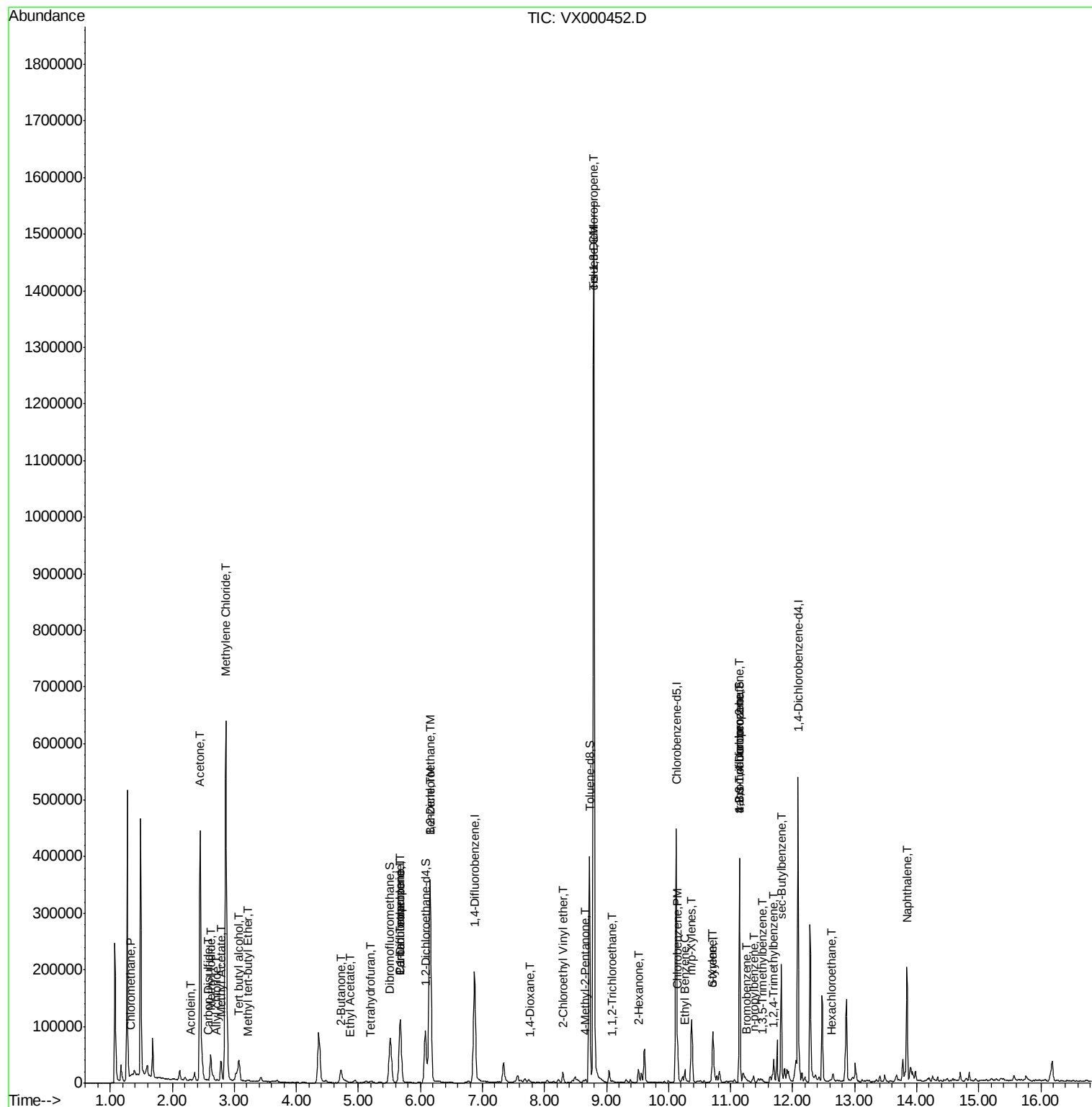
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.52	105	2043	0.367	ug/l	85
81) trans-1,4-Dichloro-2-buten	11.15	75	50933	76.884	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.68	105	2522	0.433	ug/l	87
85) sec-Butylbenzene	11.82	105	56441	8.135	ug/l #	56
90) Hexachloroethane	12.62	117	412	0.425	ug/l #	12
95) Naphthalene	13.84	128	113583	13.929	ug/l	99

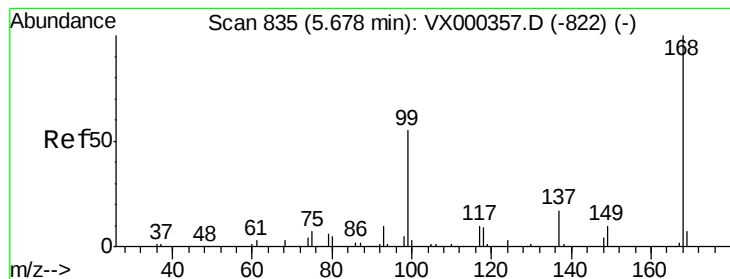
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000452.D

Acq: 26 Mar 2018 20:02

Instrument :

MSVOA_X

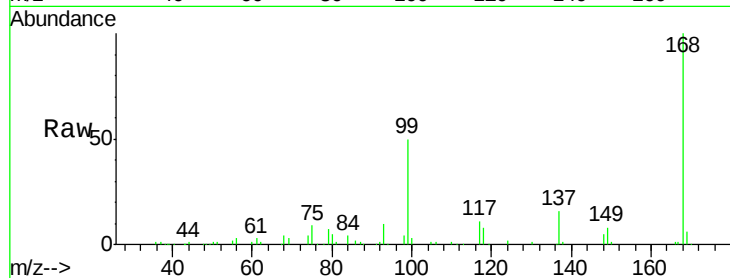
ClientSampled :

Tot Ion:168 Resp: 106429

Ion Ratio Lower Upper

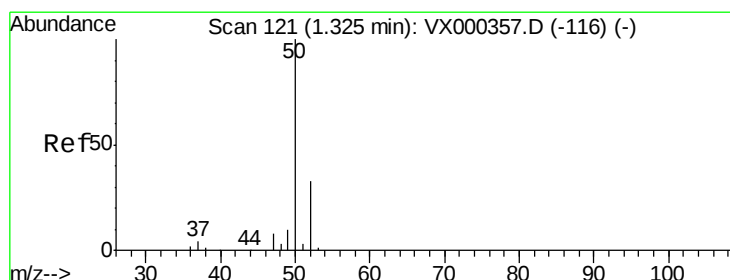
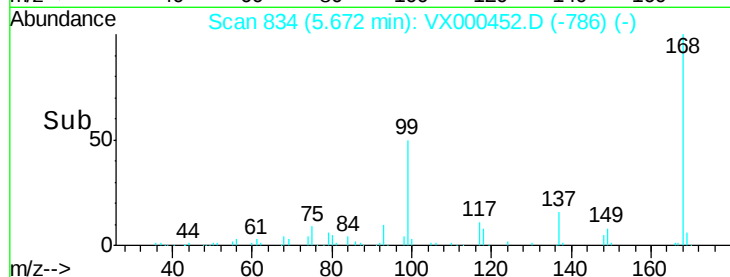
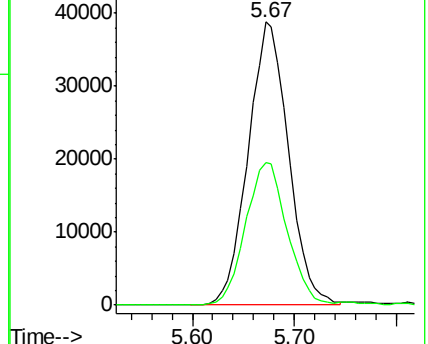
168 100

99 50.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.217 ug/l

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX000452.D

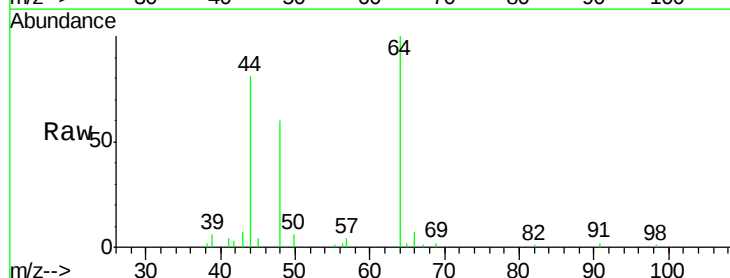
Acq: 26 Mar 2018 20:02

Tgt Ion: 50 Resp: 268

Ion Ratio Lower Upper

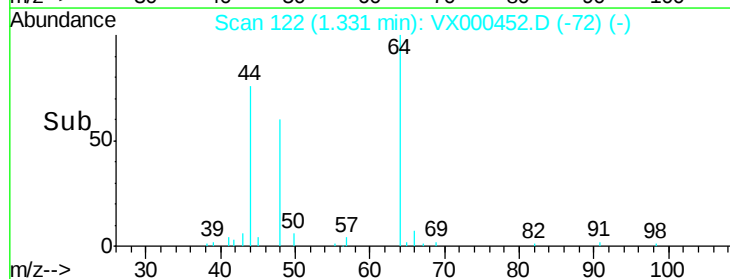
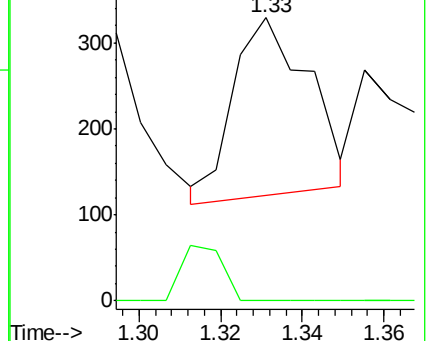
50 100

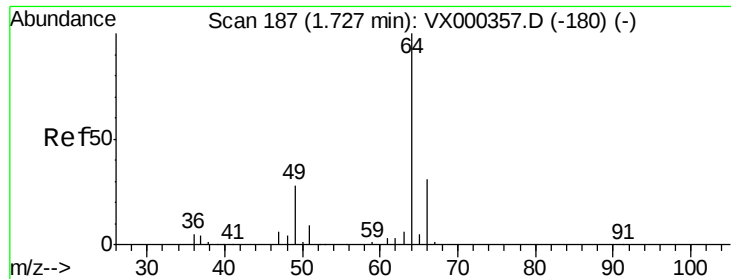
52 0.0 27.5 41.3#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#6

Chloroethane

Concen: Below Cal

RT: 1.79 min Scan# 197

Delta R.T. 0.06 min

Lab File: VX000452.D

Acq: 26 Mar 2018 20:02

Instrument :

MSVOA_X

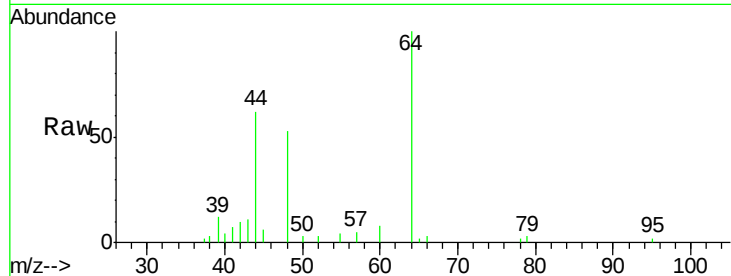
ClientSampleId :

Tot Ion: 64 Resp: 1902

Ion Ratio Lower Upper

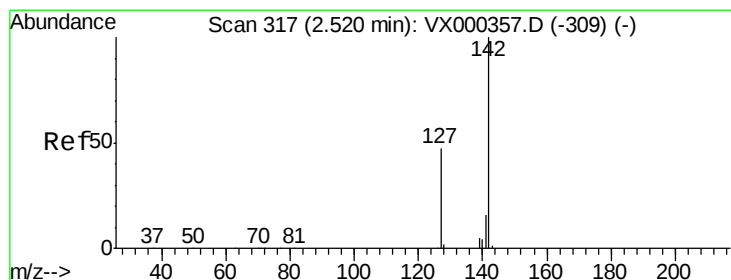
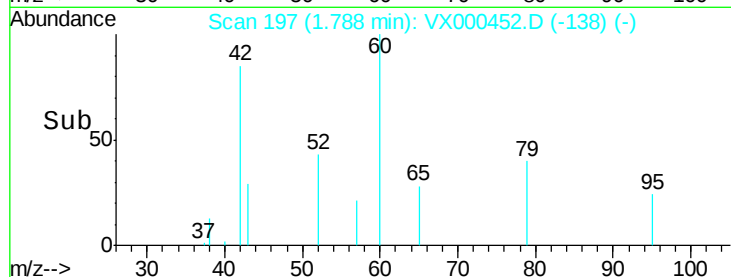
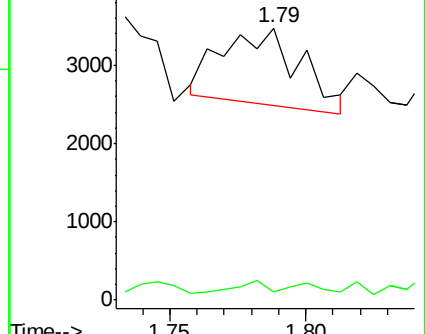
64 100

66 3.4 24.8 37.2#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#10

Methyl Iodide

Concen: 4.294 ug/l

RT: 2.62 min Scan# 334

Delta R.T. 0.10 min

Lab File: VX000452.D

Acq: 26 Mar 2018 20:02

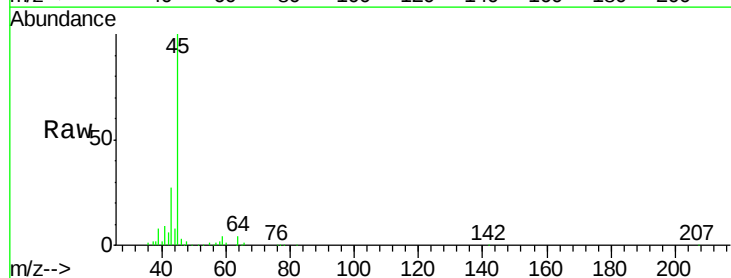
Tgt Ion:142 Resp: 26

Ion Ratio Lower Upper

142 100

127 0.0 39.2 58.8#

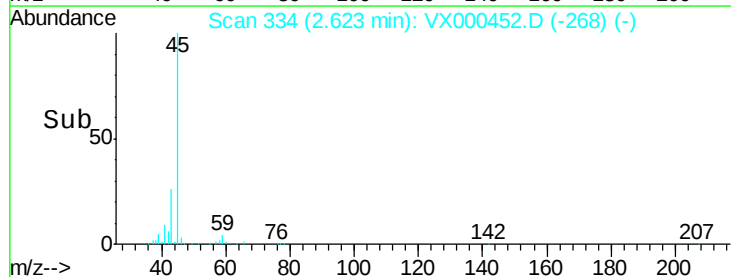
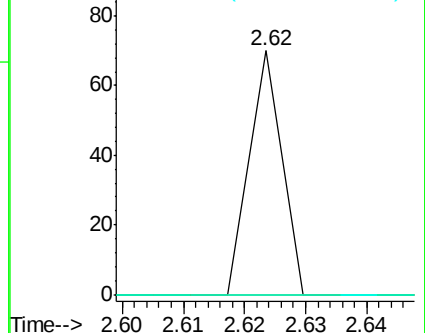
141 0.0 11.7 17.5#

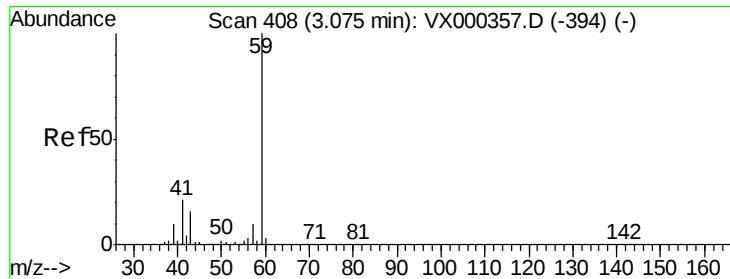


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

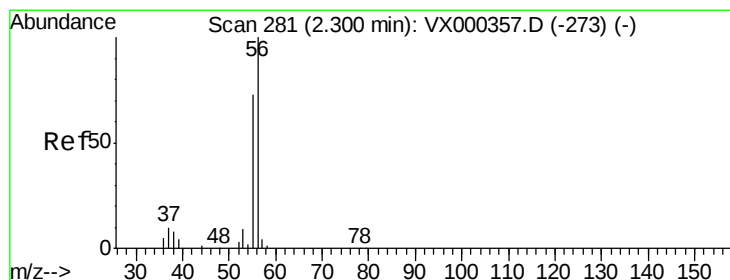
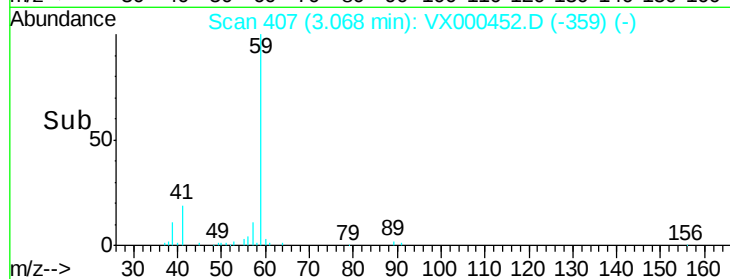
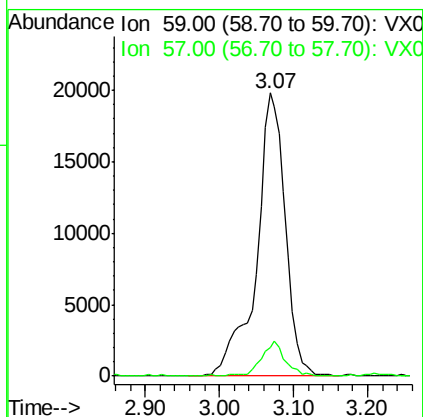
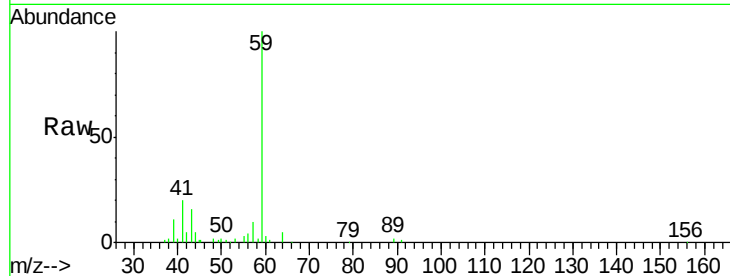




#11
Tert butyl alcohol
Concen: 112.366 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000452.D
Acq: 26 Mar 2018 20:02

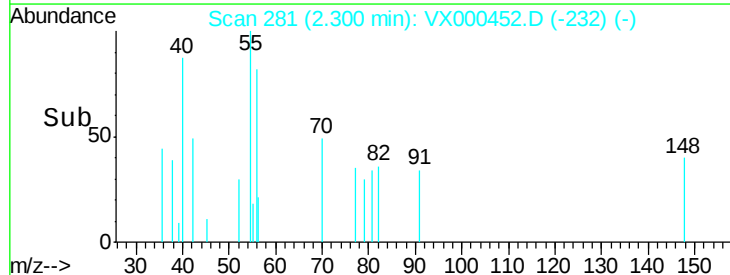
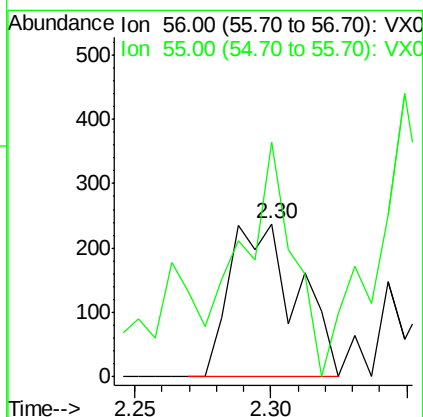
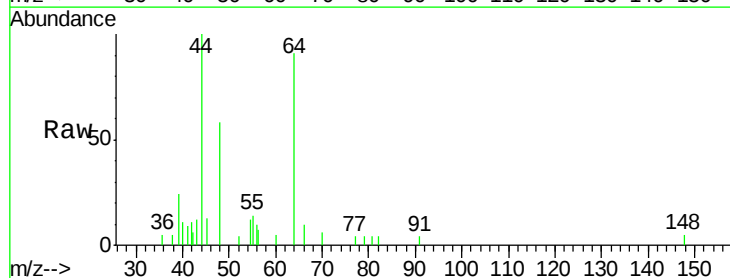
Instrument :
MSVOA_X
ClientSampleId :

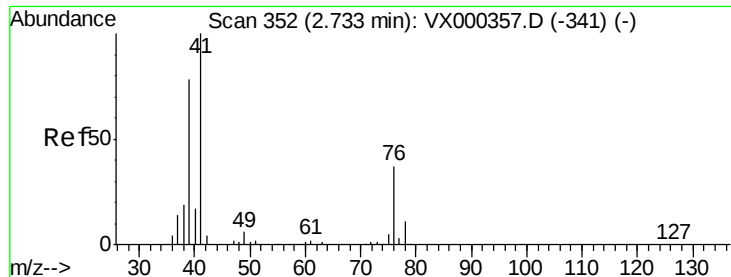
Tot Ion: 59 Resp: 53697
Ion Ratio Lower Upper
59 100
57 9.8 8.4 12.6



#13
Acrolein
Concen: 17.084 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX000452.D
Acq: 26 Mar 2018 20:02

Tgt Ion: 56 Resp: 406
Ion Ratio Lower Upper
56 100
55 114.0 58.8 88.2#

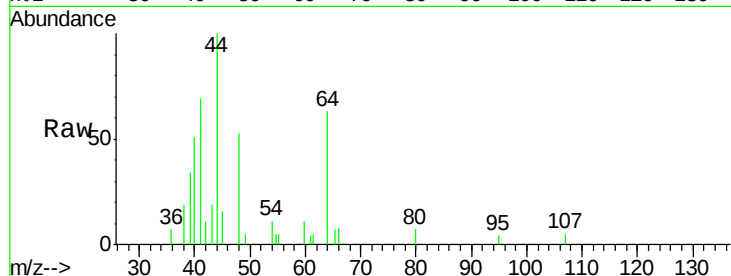




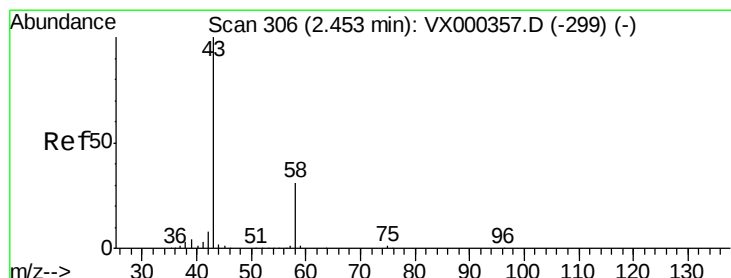
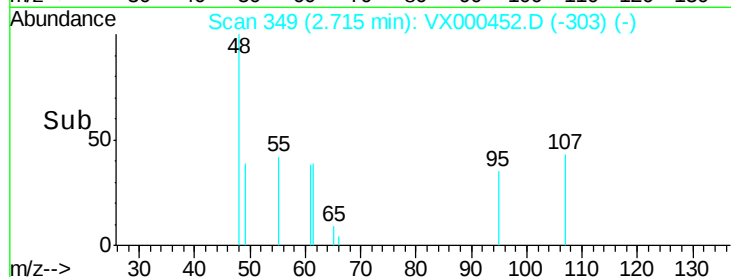
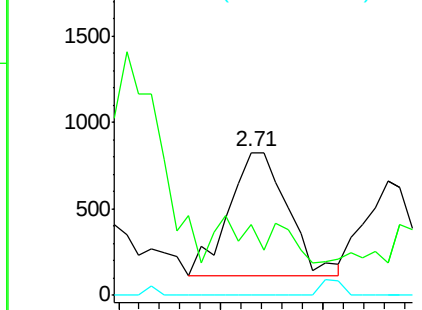
#14
Allvl chloride
Concen: 0.606 ug/l
RT: 2.71 min Scan# 349
Delta R.T. -0.02 min
Lab File: VX000452.D
Acq: 26 Mar 2018 20:02

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 41 Resp: 1440
Ion Ratio Lower Upper
41 100
39 0.0 57.6 86.4#
76 0.0 27.3 40.9#

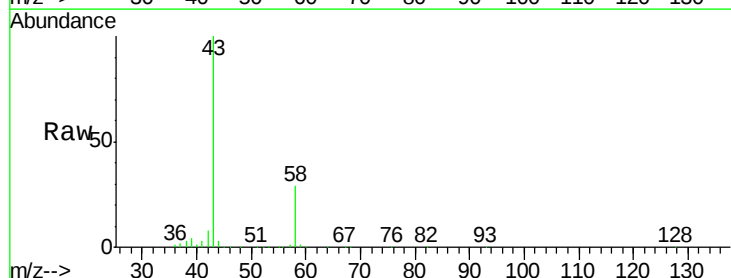


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0

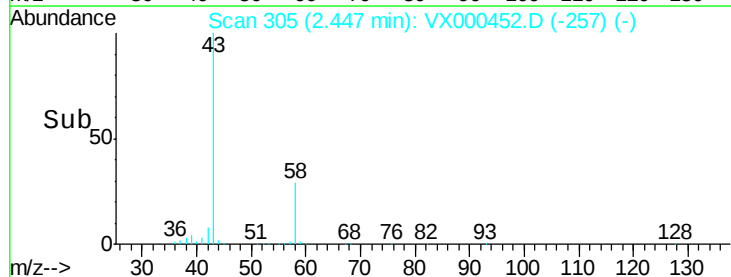
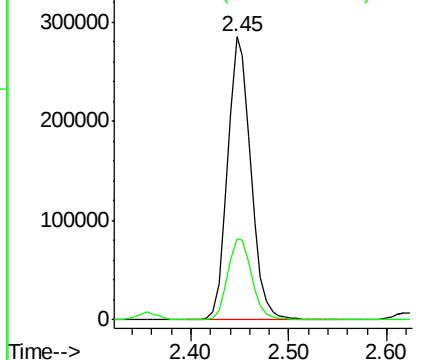


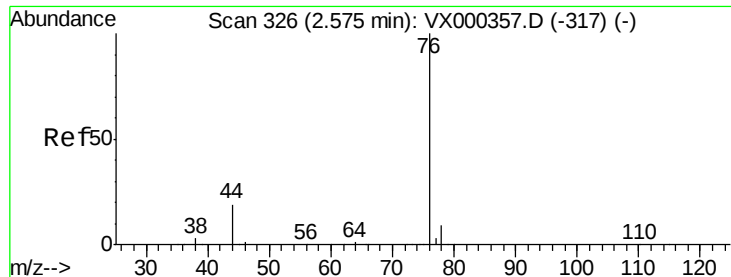
#16
Acetone
Concen: 405.228 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX000452.D
Acq: 26 Mar 2018 20:02

Tgt Ion: 43 Resp: 468323
Ion Ratio Lower Upper
43 100
58 28.6 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.318 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX000452.D

Acq: 26 Mar 2018 20:02

Instrument :

MSVOA_X

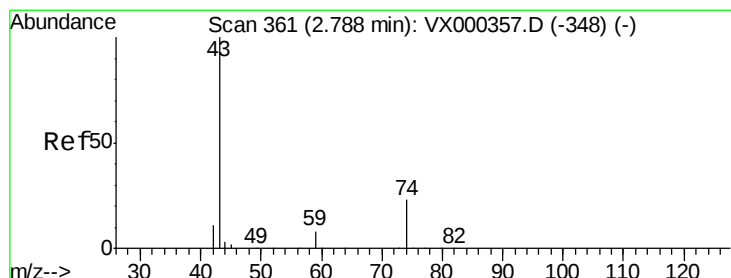
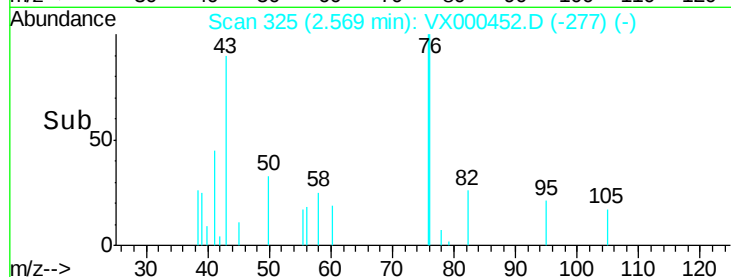
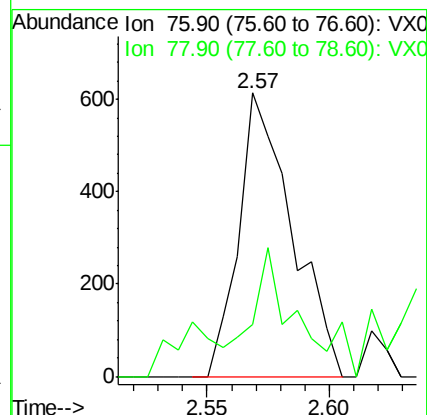
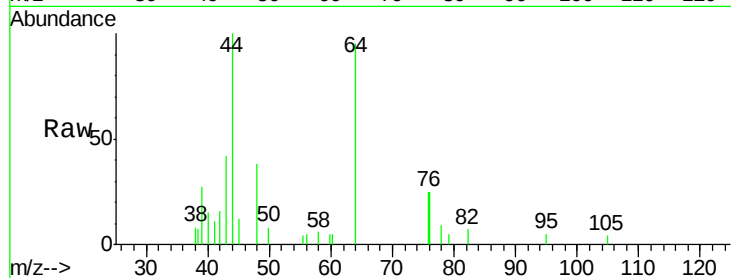
ClientSampleId :

Tot Ion: 76 Resp: 929

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#18

Methyl Acetate

Concen: 16.911 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX000452.D

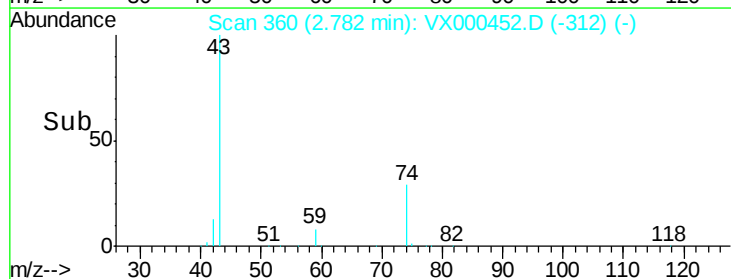
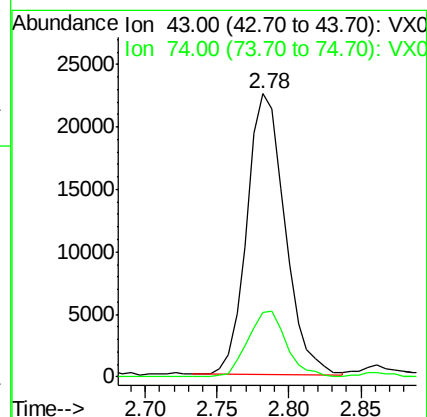
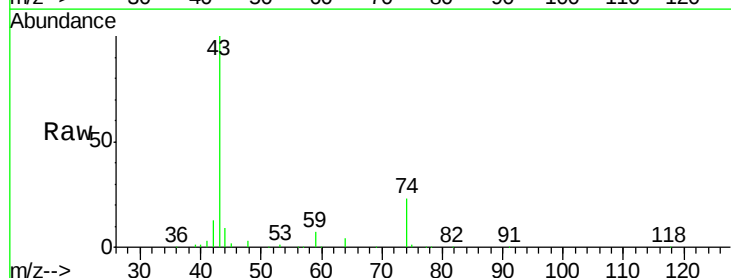
Acq: 26 Mar 2018 20:02

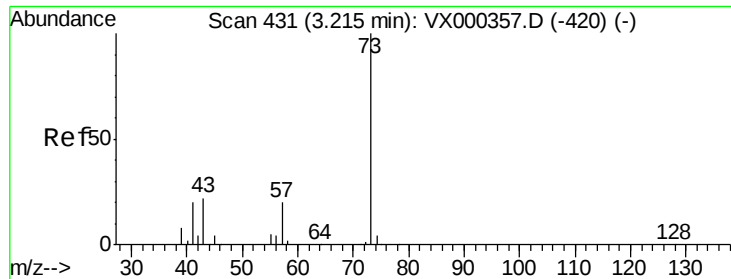
Tgt Ion: 43 Resp: 40974

Ion Ratio Lower Upper

43 100

74 23.7 19.4 29.2

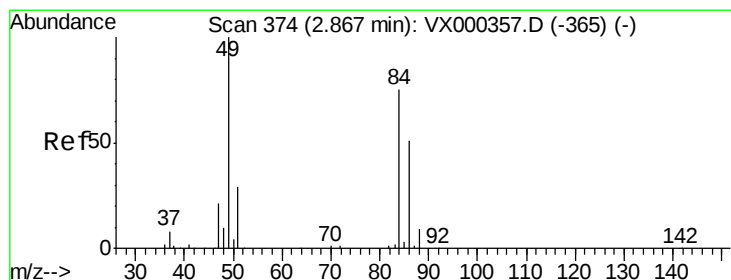
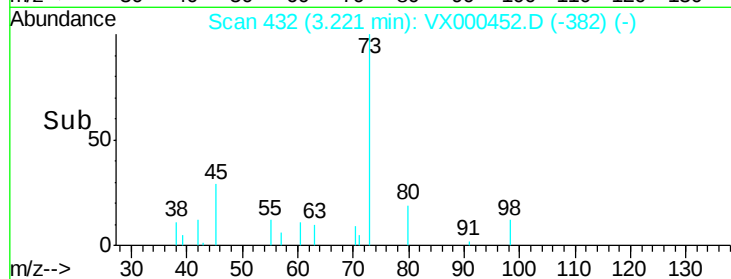
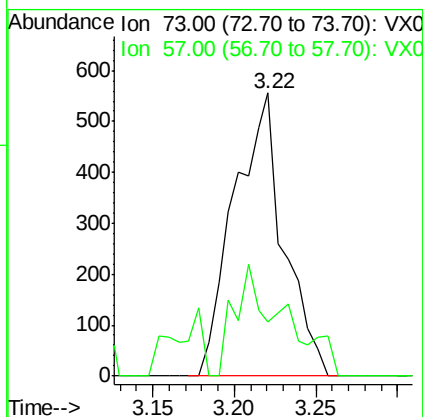
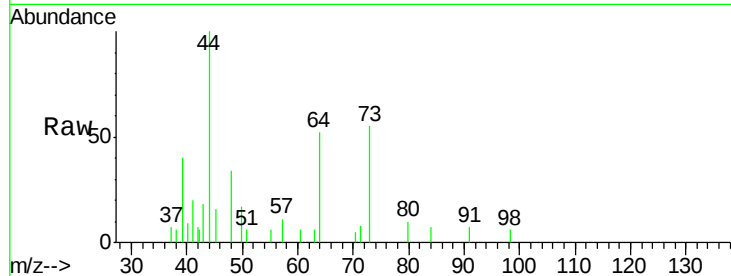




#19
Methvl tert-butvl Ether
Concen: 0.277 ug/l
RT: 3.22 min Scan# 432
Delta R.T. 0.01 min
Lab File: VX000452.D
Acq: 26 Mar 2018 20:02

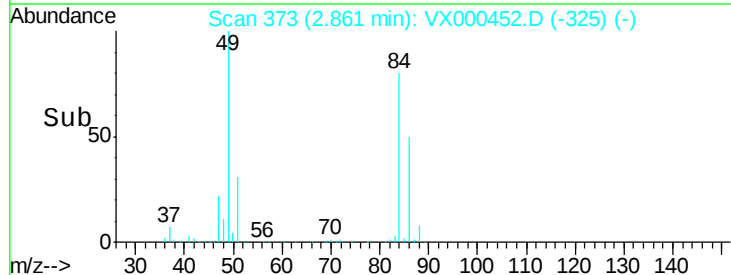
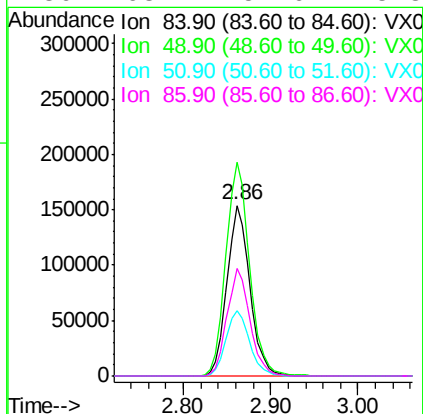
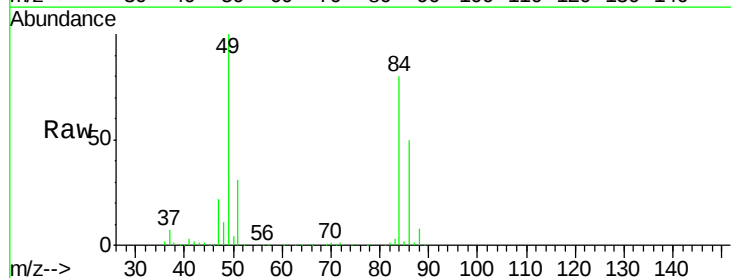
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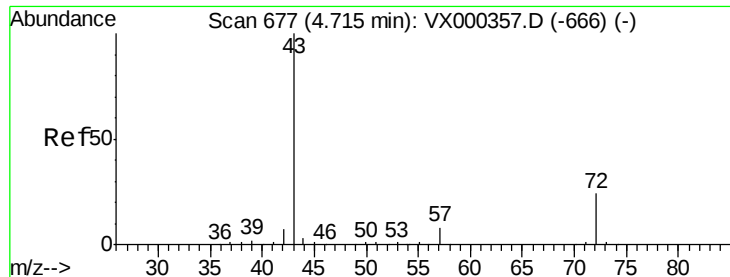
Tot Ion: 73 Resp: 1182
Ion Ratio Lower Upper
73 100
57 19.1 17.2 25.8



#20
Methylene Chloride
Concen: 210.302 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000452.D
Acq: 26 Mar 2018 20:02

Tgt Ion: 84 Resp: 280723
Ion Ratio Lower Upper
84 100
49 125.4 100.6 151.0
51 38.3 31.6 47.4
86 63.1 52.6 78.8





#25

2-Butanone

Concen: 28.981 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000452.D

Acq: 26 Mar 2018 20:02

Instrument :

MSVOA_X

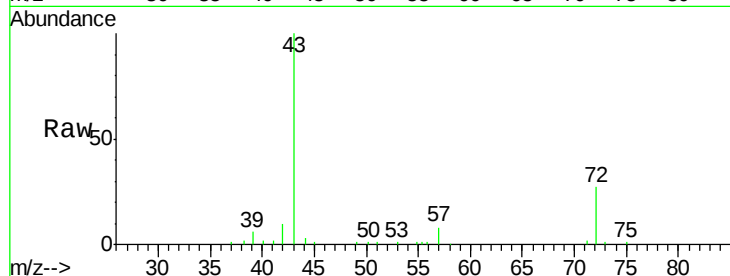
ClientSampled :

Tot Ion: 43 Resp: 37647

Ion Ratio Lower Upper

43 100

72 26.7 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

15000

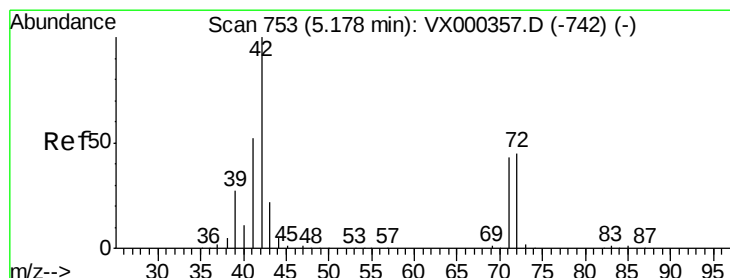
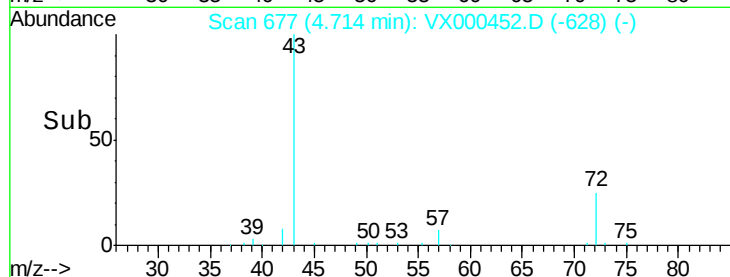
10000

5000

0

Time-->

4.60 4.70 4.80



#29

Tetrahydrofuran

Concen: 0.921 ug/l

RT: 5.19 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX000452.D

Acq: 26 Mar 2018 20:02

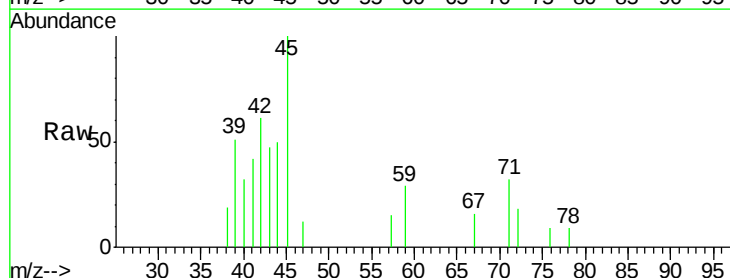
Tgt Ion: 42 Resp: 736

Ion Ratio Lower Upper

42 100

72 13.3 37.9 56.9#

71 32.9 34.4 51.6#



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

500

400

300

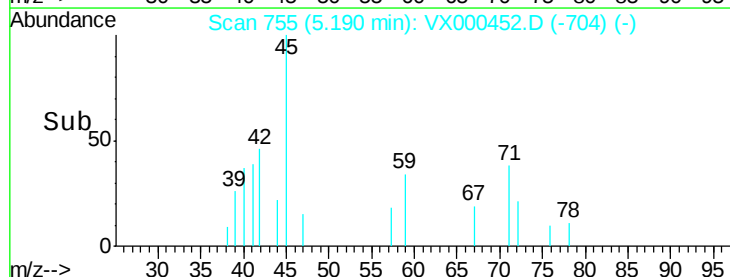
200

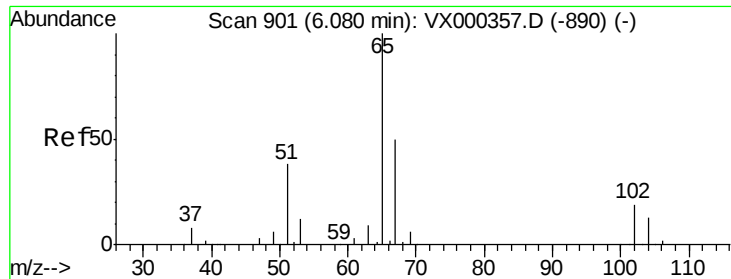
100

0

Time-->

5.10 5.15 5.20

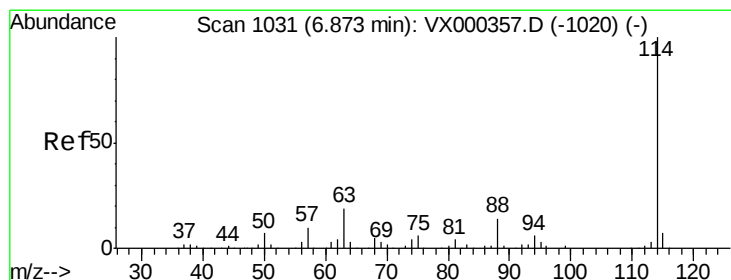
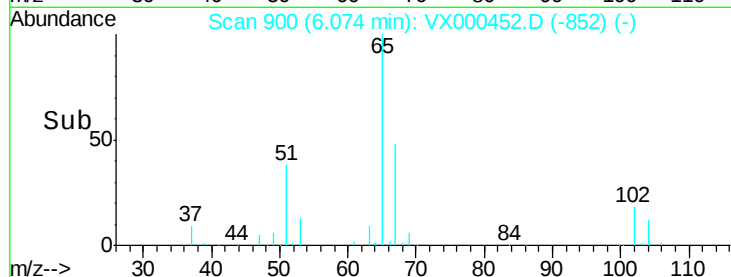
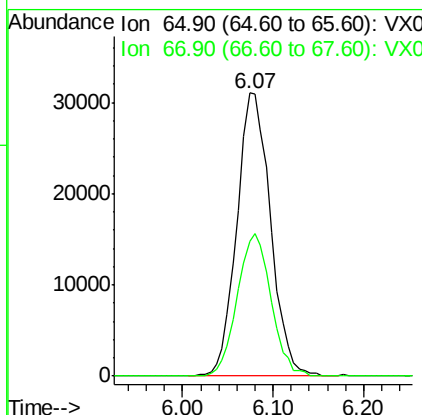
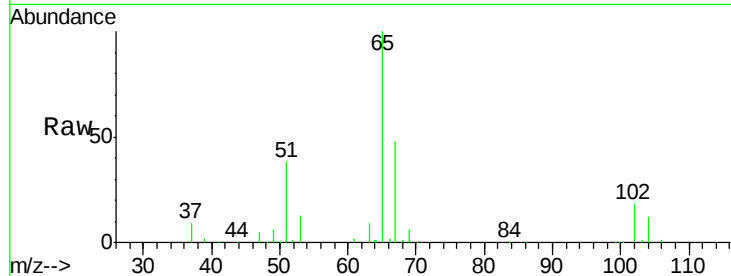




#33
 1,2-Dichloroethane-d4
 Concen: 57.657 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000452.D
 Acq: 26 Mar 2018 20:02

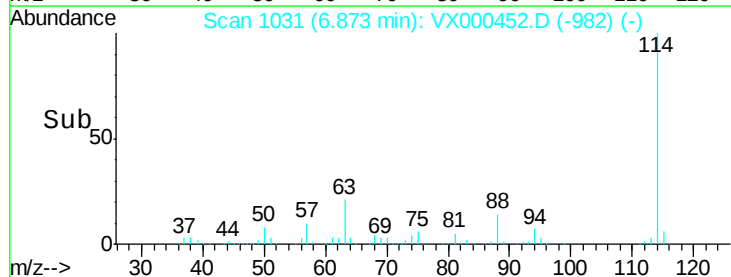
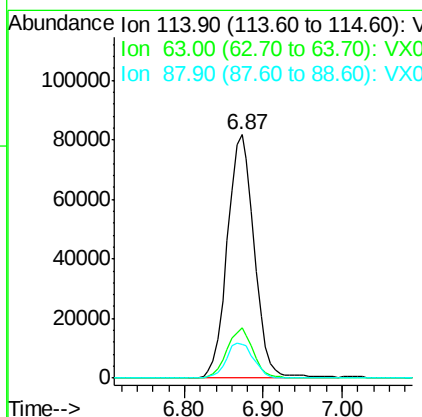
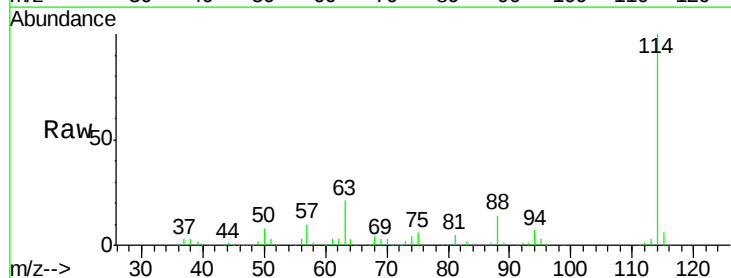
Instrument :
 MSVOA_X
 ClientSampleId :

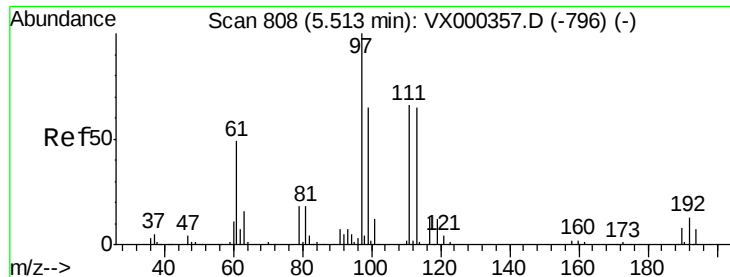
Tot Ion: 65 Resp: 80101
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000452.D
 Acq: 26 Mar 2018 20:02

Tgt Ion: 114 Resp: 194005
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 38.4
 88 13.7 0.0 27.0





#35

Dibromofluoromethane

Concen: 50.349 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000452.D

Acq: 26 Mar 2018 20:02

Instrument :

MSVOA_X

ClientSampleId :

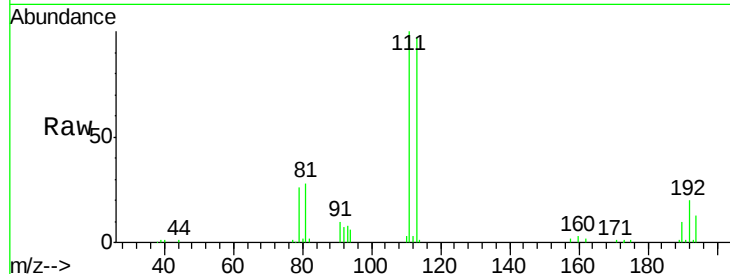
Tot Ion:113 Resp: 61547

Ion Ratio Lower Upper

113 100

111 104.3 82.4 123.6

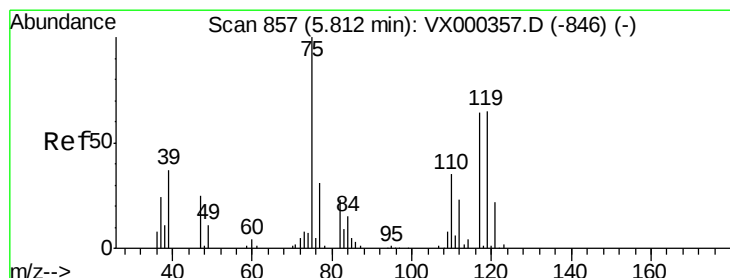
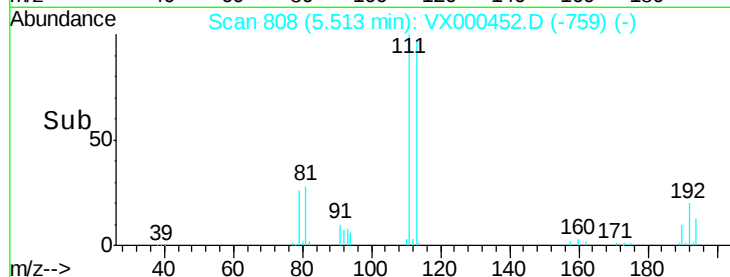
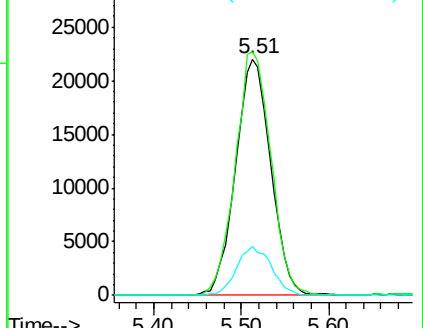
192 20.6 15.8 23.6



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: 4.653 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.14 min

Lab File: VX000452.D

Acq: 26 Mar 2018 20:02

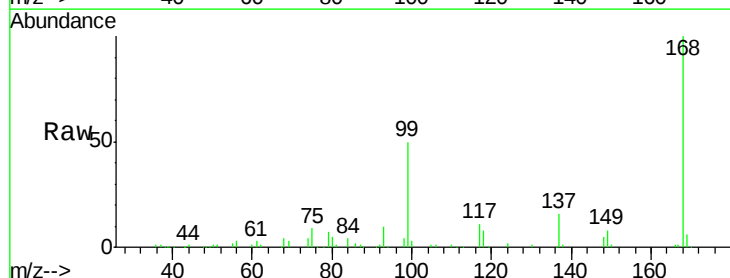
Tgt Ion: 75 Resp: 8455

Ion Ratio Lower Upper

75 100

110 9.3 17.9 53.7#

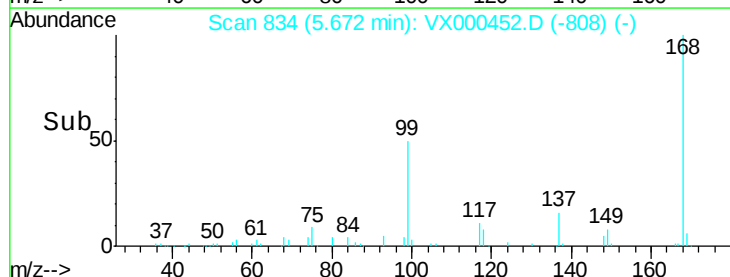
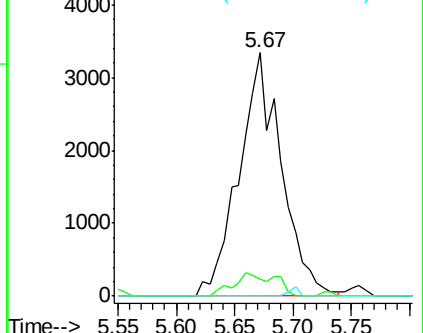
77 0.0 24.0 36.0#

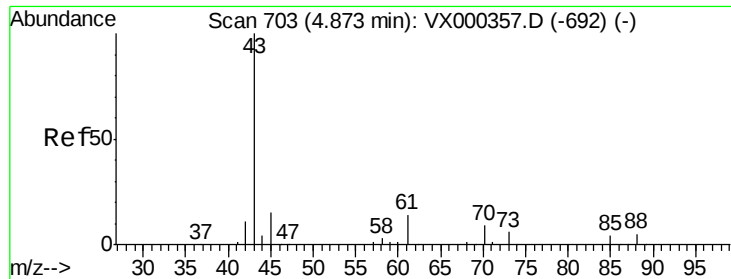


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 0.854 ug/l

RT: 4.86 min Scan# 701

Delta R.T. -0.01 min

Lab File: VX000452.D

Acq: 26 Mar 2018 20:02

Instrument :

MSVOA_X

ClientSampled :

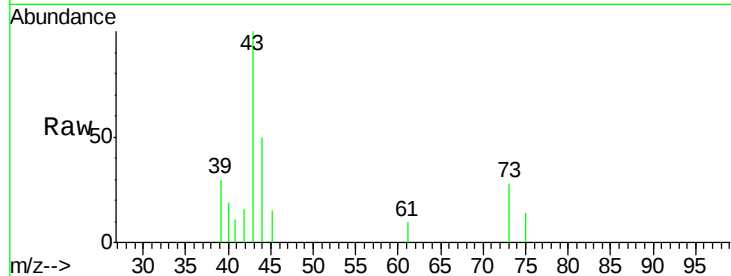
Tot Ion: 43 Resp: 2119

Ion Ratio Lower Upper

43 100

61 6.7 11.1 16.7#

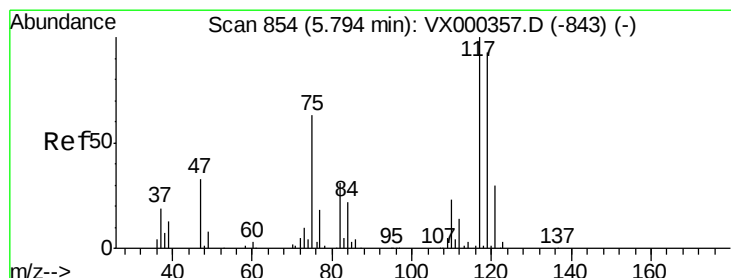
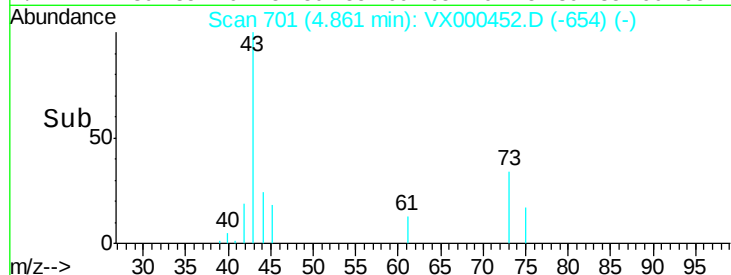
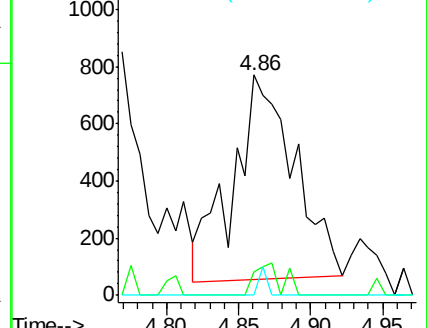
70 1.7 7.7 11.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 5.526 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX000452.D

Acq: 26 Mar 2018 20:02

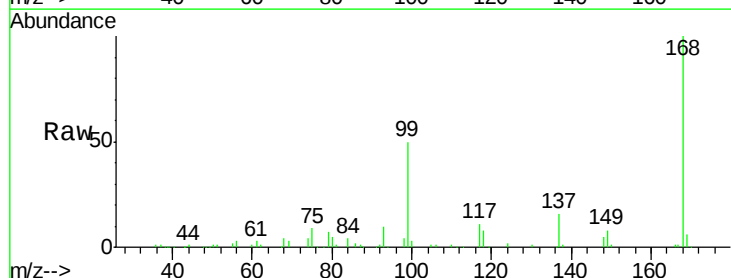
Tgt Ion: 117 Resp: 10536

Ion Ratio Lower Upper

117 100

119 4.0 77.4 116.2#

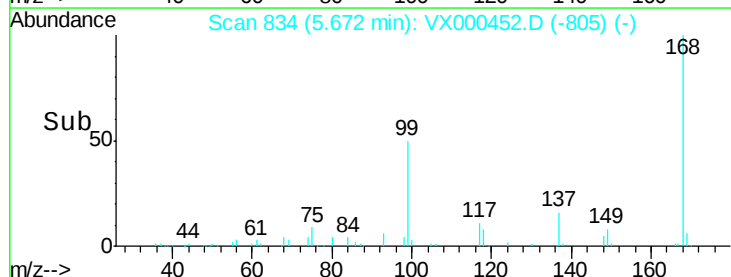
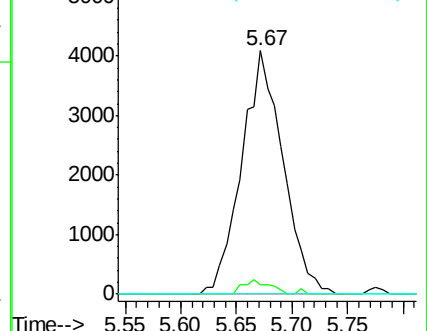
121 0.0 24.8 37.2#

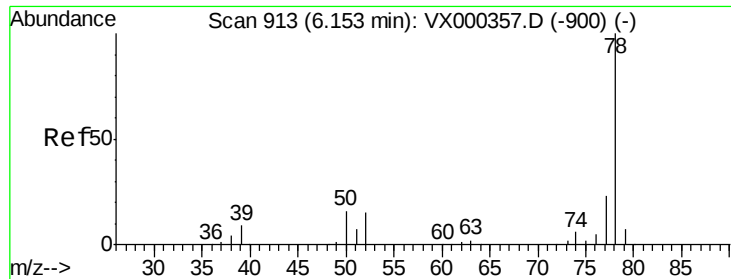


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#40

Benzene

Concen: 79.236 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX000452.D

Acq: 26 Mar 2018 20:02

Instrument :

MSVOA_X

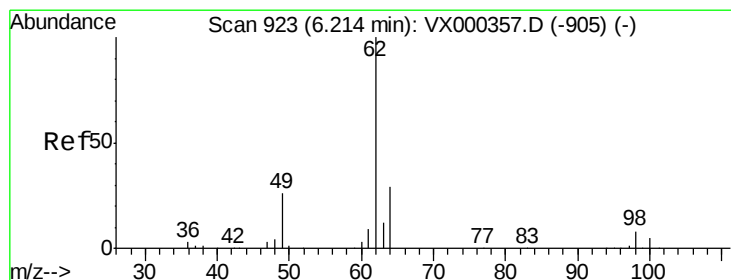
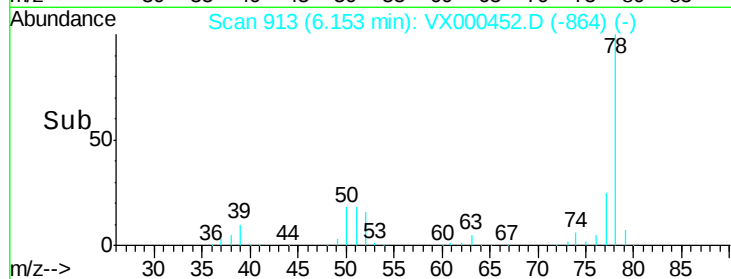
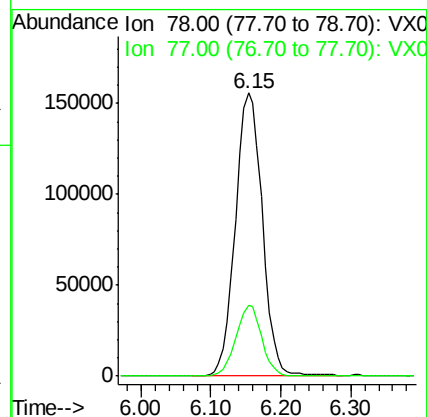
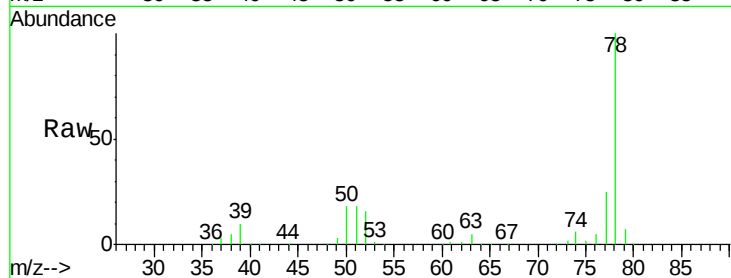
ClientSampleId :

Tot Ion: 78 Resp: 418156

Ion Ratio Lower Upper

78 100

77 25.1 18.7 28.1



#42

1,2-Dichloroethane

Concen: 2.044 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.06 min

Lab File: VX000452.D

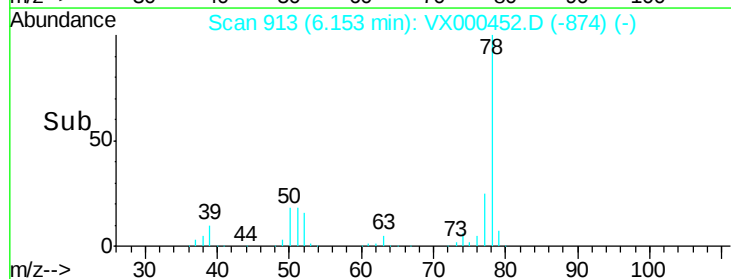
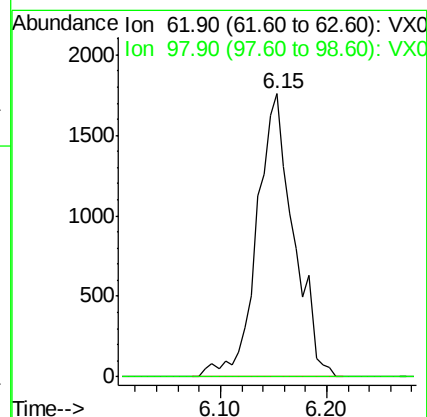
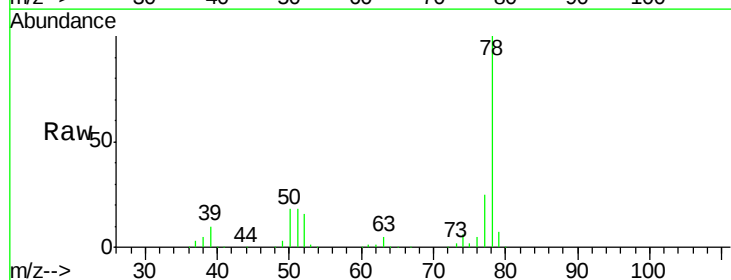
Acq: 26 Mar 2018 20:02

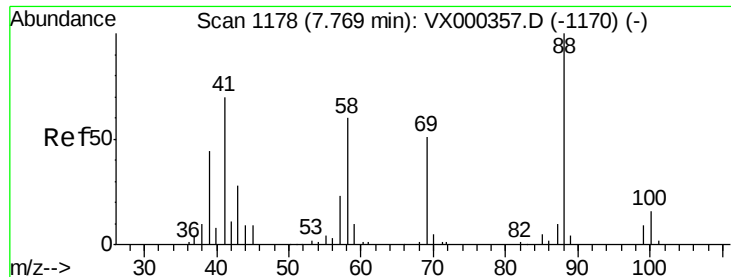
Tgt Ion: 62 Resp: 4233

Ion Ratio Lower Upper

62 100

98 0.0 0.0 15.8

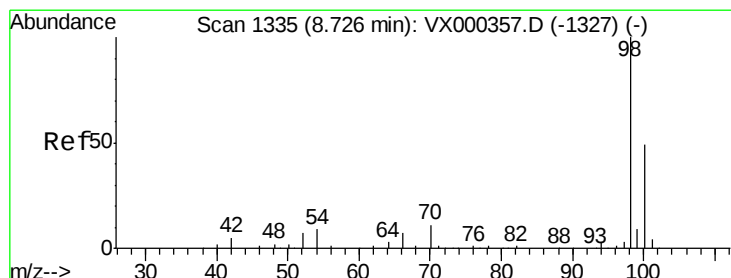
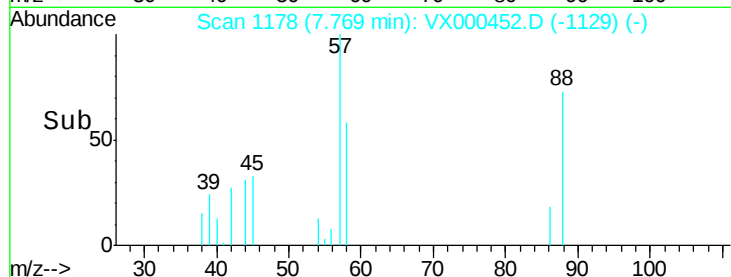
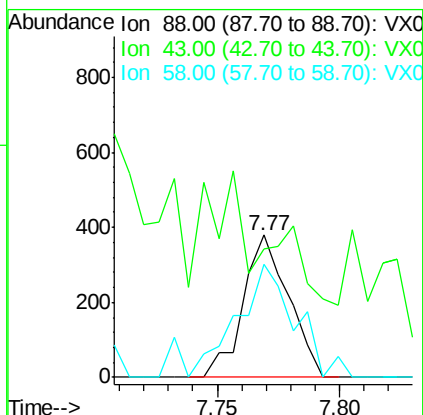
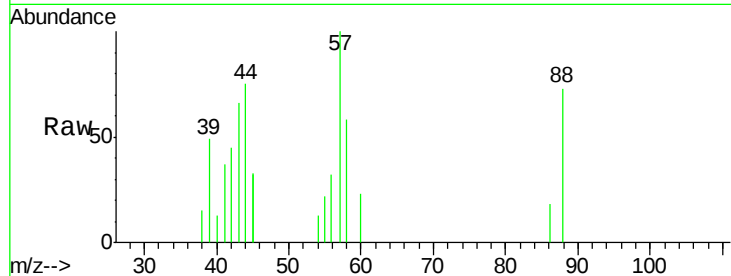




#49
1,4-Dioxane
Concen: 13.048 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000452.D
Acq: 26 Mar 2018 20:02

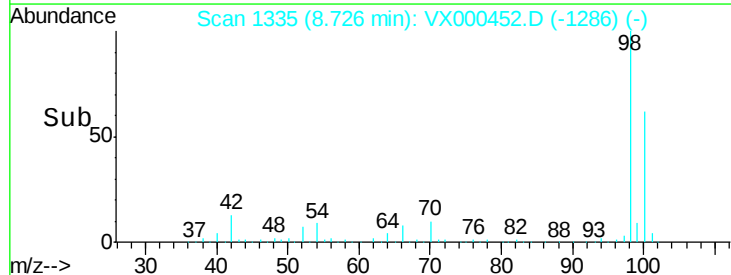
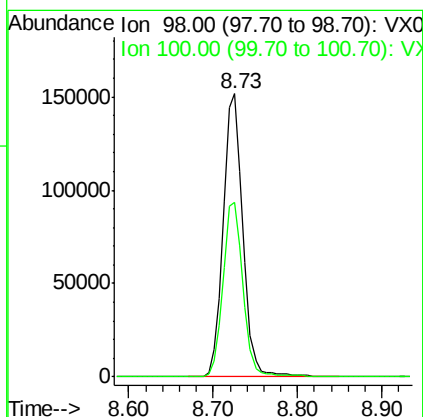
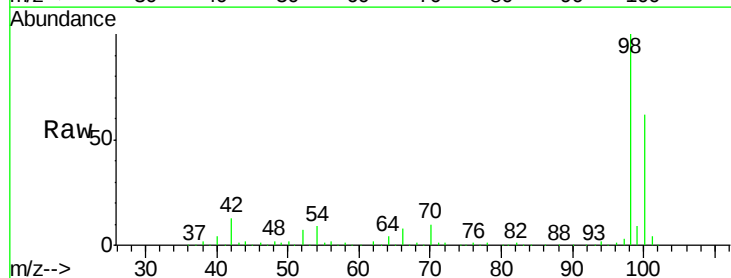
Instrument :
MSVOA_X
ClientSampled :

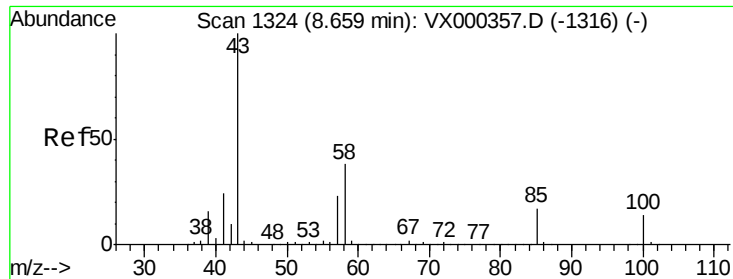
Tot Ion: 88 Resp: 492
Ion Ratio Lower Upper
88 100
43 0.0 26.8 40.2#
58 103.0 52.2 78.2#



#50
Toluene-d8
Concen: 48.509 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000452.D
Acq: 26 Mar 2018 20:02

Tgt Ion: 98 Resp: 245588
Ion Ratio Lower Upper
98 100
100 62.3 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 1.189 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000452.D

Acq: 26 Mar 2018 20:02

Instrument :

MSVOA_X

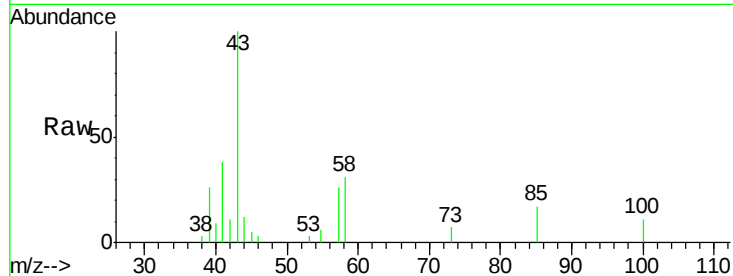
ClientSampled :

Tot Ion: 43 Resp: 3402

Ion Ratio Lower Upper

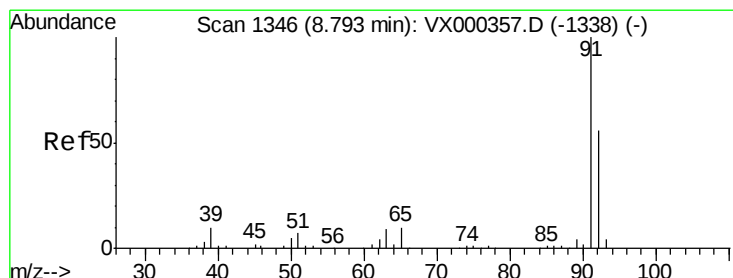
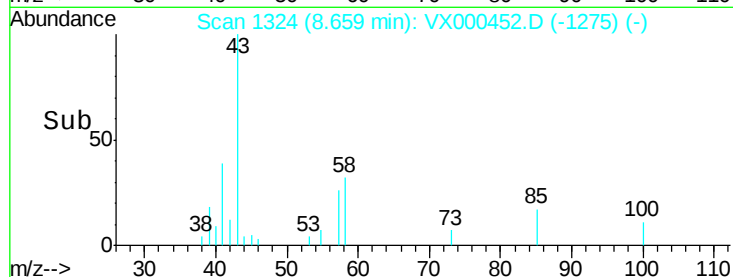
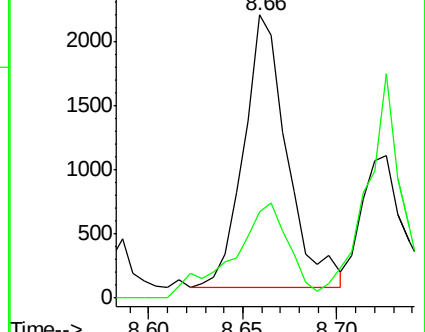
43 100

58 45.1 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 151.325 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000452.D

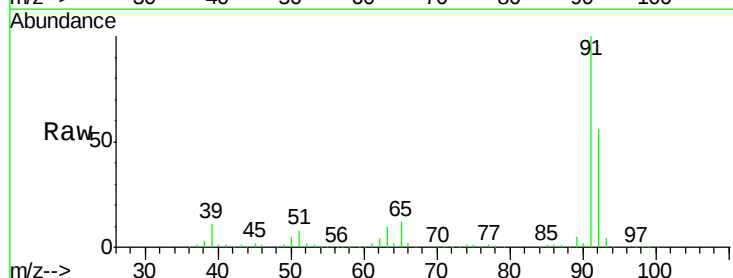
Acq: 26 Mar 2018 20:02

Tgt Ion: 92 Resp: 558297

Ion Ratio Lower Upper

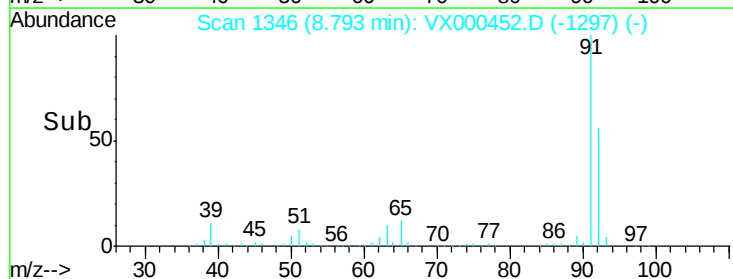
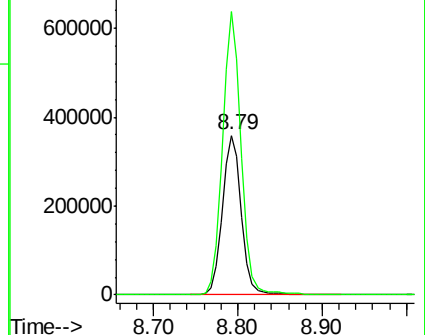
92 100

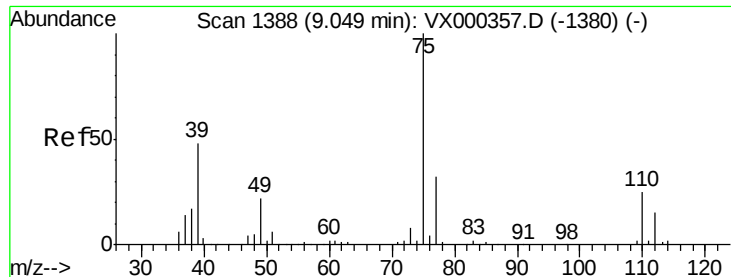
91 175.2 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



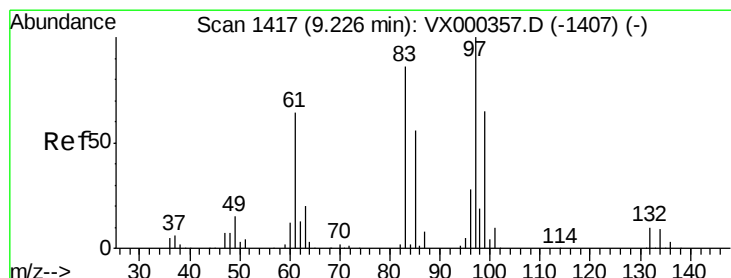
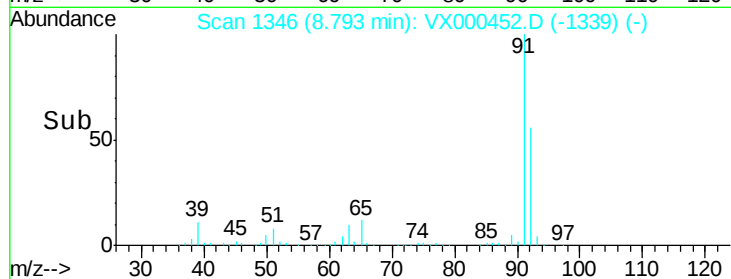
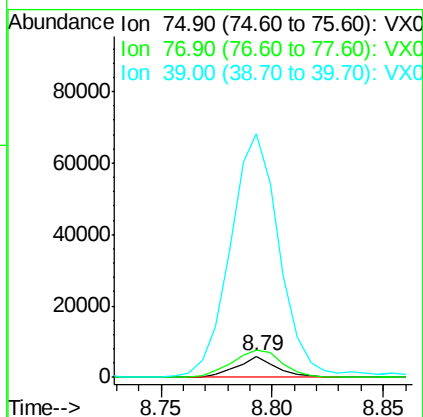
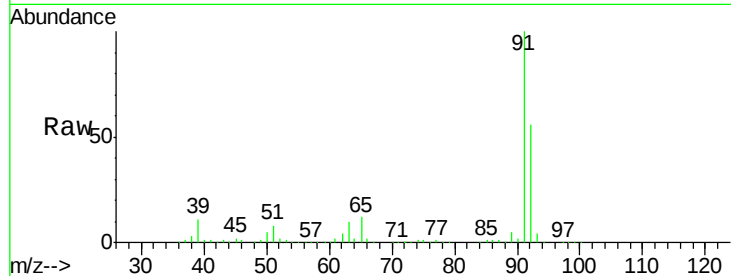


#54

cis-1,3-Dichloropropene
Concen: 3.482 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.26 min
Lab File: VX000452.D
Acq: 26 Mar 2018 20:02

Instrument :
MSVOA_X
ClientSampleId :

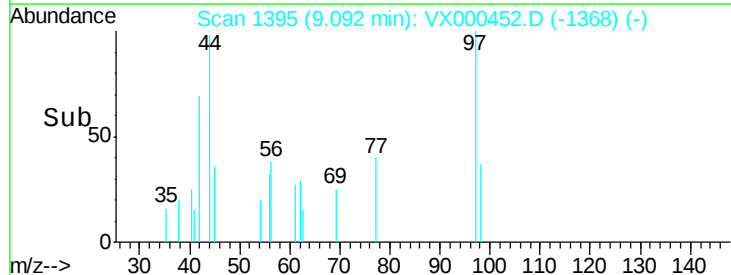
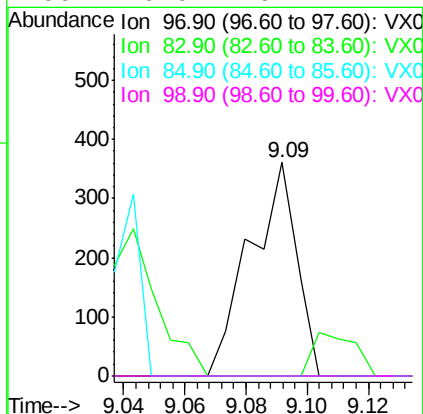
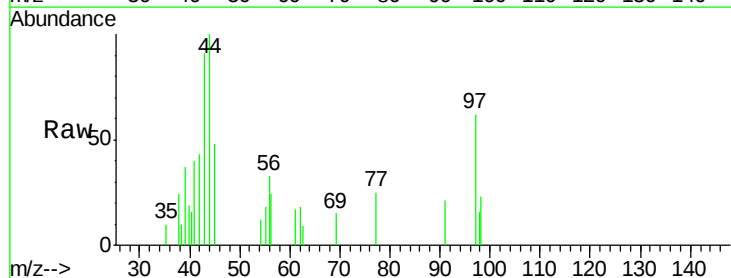
Tot Ion: 75 Resp: 7302
Ion Ratio Lower Upper
75 100
77 130.6 26.1 39.1#
39 1153.9 39.8 59.6#

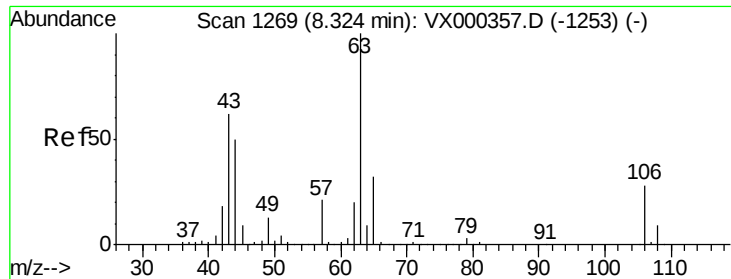


#55

1,1,2-Trichloroethane
Concen: 0.252 ug/l
RT: 9.09 min Scan# 1395
Delta R.T. -0.13 min
Lab File: VX000452.D
Acq: 26 Mar 2018 20:02

Tgt Ion: 97 Resp: 382
Ion Ratio Lower Upper
97 100
83 0.0 67.9 101.9#
85 0.0 42.8 64.2#
99 0.0 49.4 74.2#

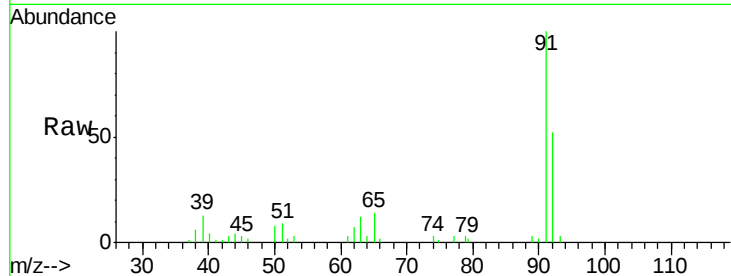




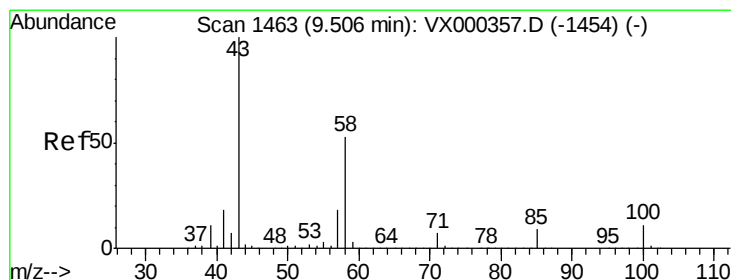
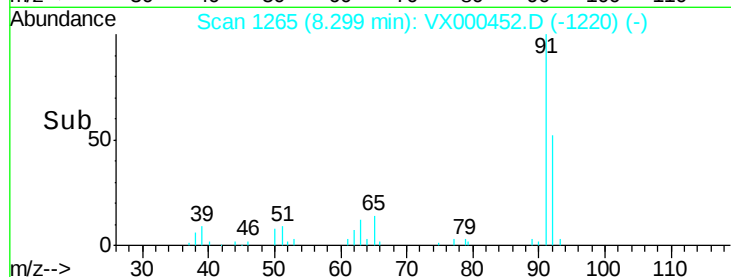
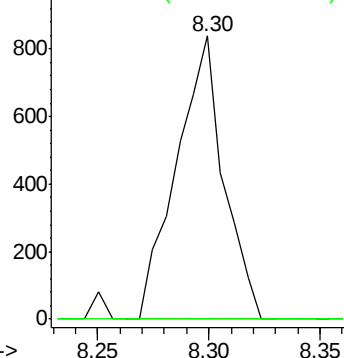
#58
2-Chloroethyl Vinyl ether
Concen: 1.124 ug/l
RT: 8.30 min Scan# 1265
Delta R.T. -0.02 min
Lab File: VX000452.D
Acq: 26 Mar 2018 20:02

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 63 Resp: 1240
Ion Ratio Lower Upper
63 100
106 0.0 23.2 34.8#

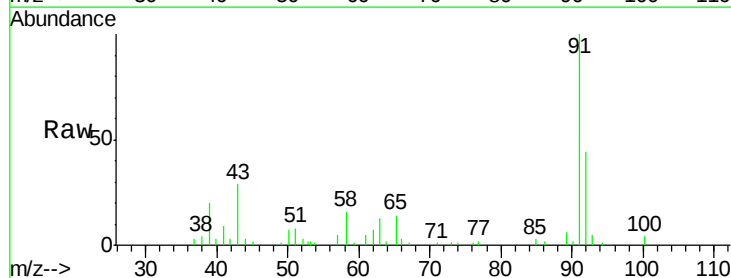


Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 105.90 (105.60 to 106.60): V

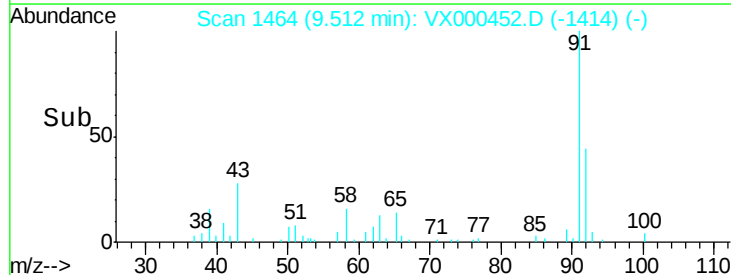
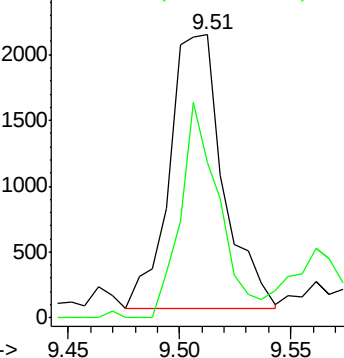


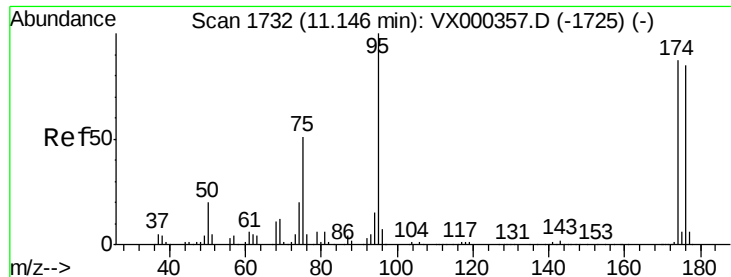
#59
2-Hexanone
Concen: 1.442 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. 0.01 min
Lab File: VX000452.D
Acq: 26 Mar 2018 20:02

Tgt Ion: 43 Resp: 3502
Ion Ratio Lower Upper
43 100
58 56.9 26.6 79.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

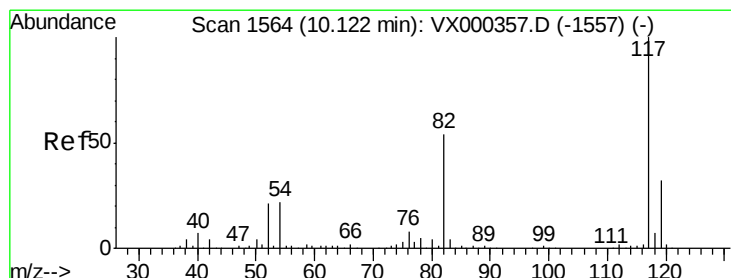
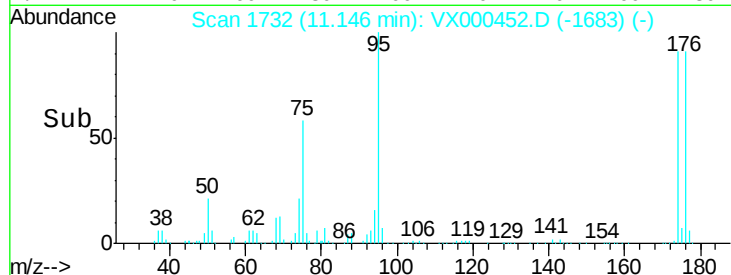
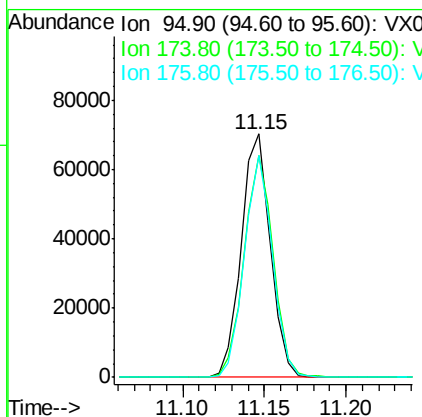
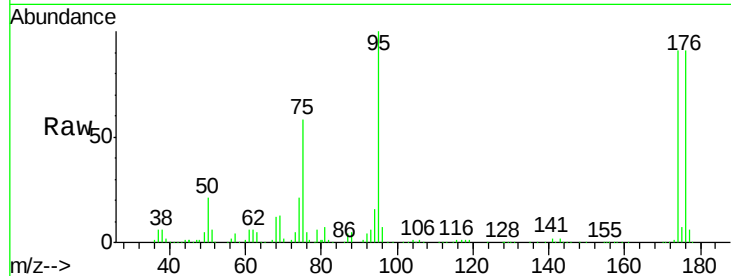




#62
4-Bromofluorobenzene
Concen: 42.059 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000452.D
Acq: 26 Mar 2018 20:02

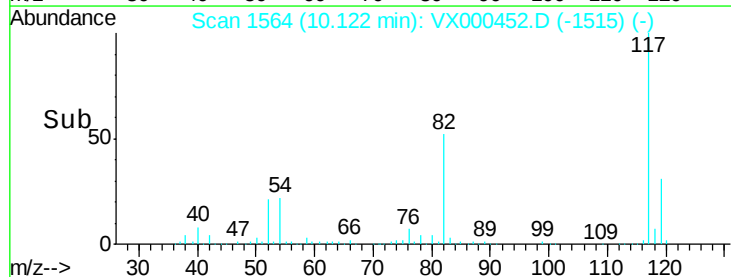
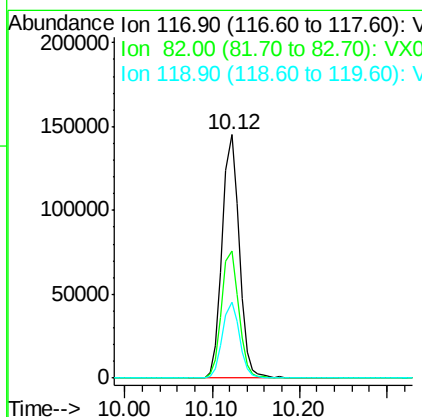
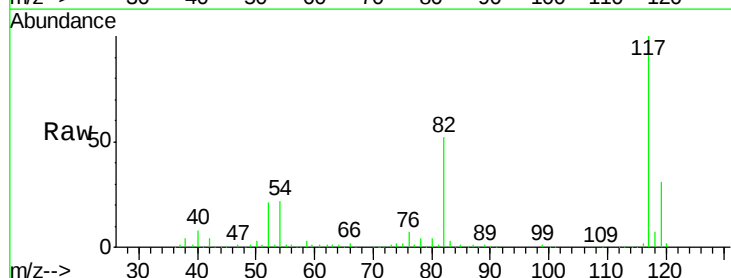
Instrument :
MSVOA_X
ClientSampleId :

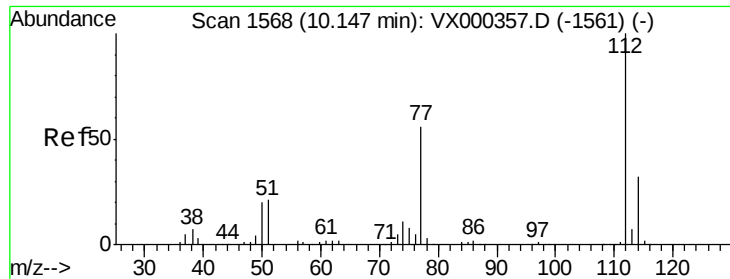
Tot Ion: 95 Resp: 87585
Ion Ratio Lower Upper
95 100
174 91.1 0.0 173.6
176 88.0 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000452.D
Acq: 26 Mar 2018 20:02

Tgt Ion: 117 Resp: 196004
Ion Ratio Lower Upper
117 100
82 52.1 43.8 65.8
119 31.1 24.9 37.3





#65

Chlorobenzene

Concen: 4.134 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000452.D

Acq: 26 Mar 2018 20:02

Instrument :

MSVOA_X

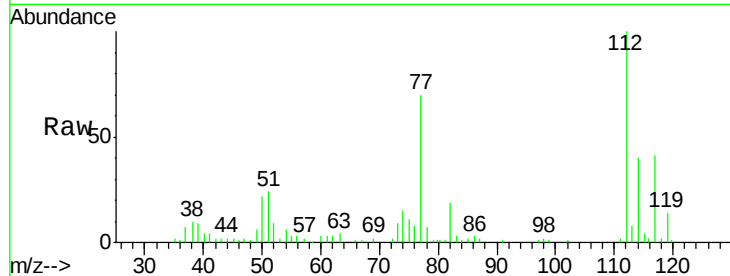
ClientSampleId :

Tot Ion:112 Resp: 18033

Ion Ratio Lower Upper

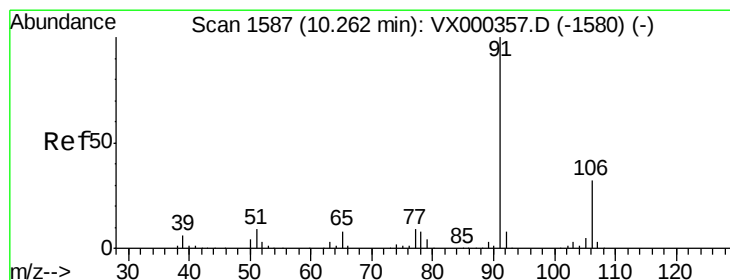
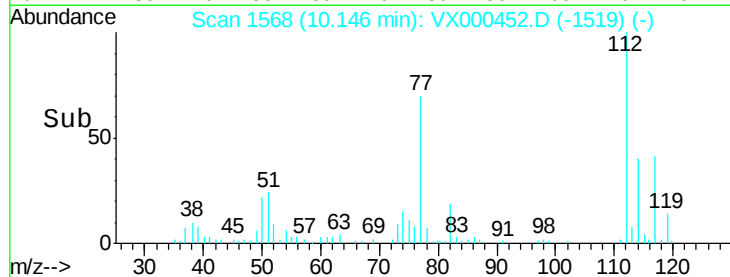
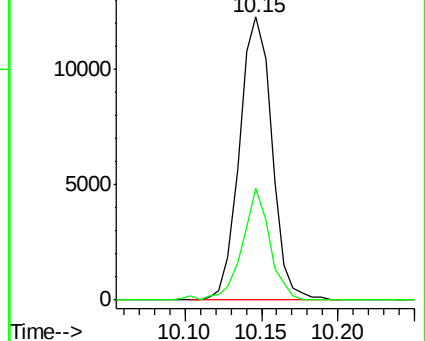
112 100

114 39.7 25.7 38.5#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#67

Ethyl Benzene

Concen: 1.885 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VX000452.D

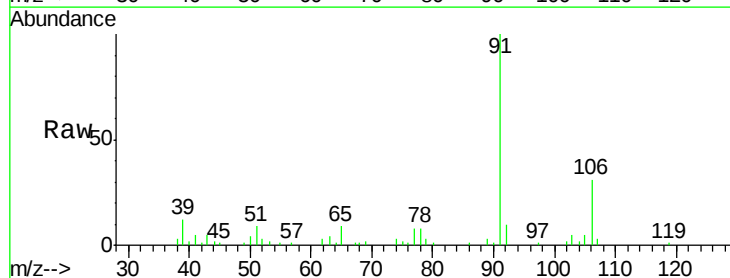
Acq: 26 Mar 2018 20:02

Tgt Ion: 91 Resp: 13937

Ion Ratio Lower Upper

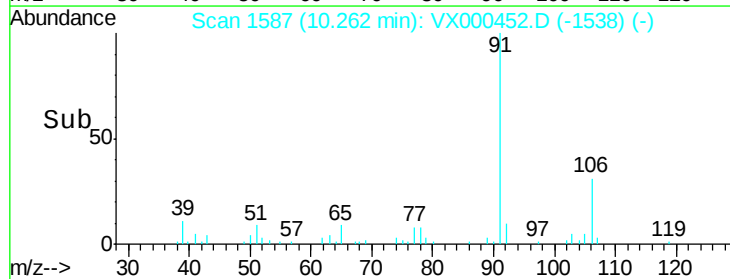
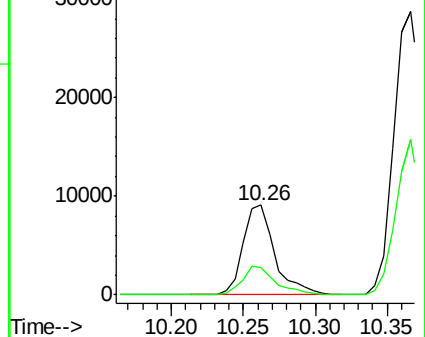
91 100

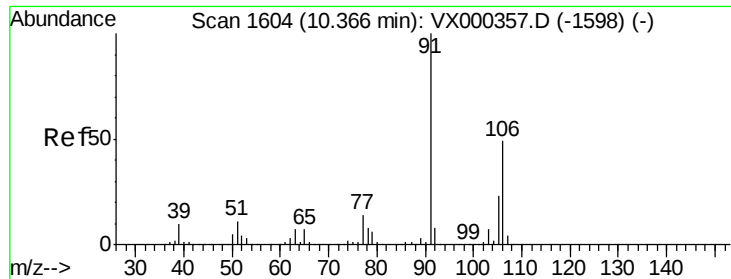
106 30.7 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

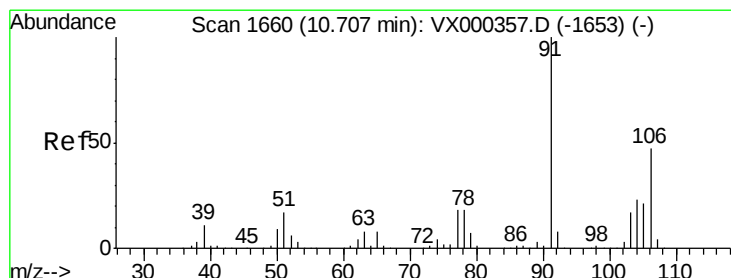
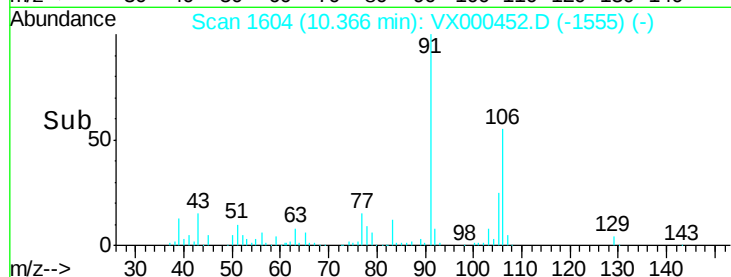
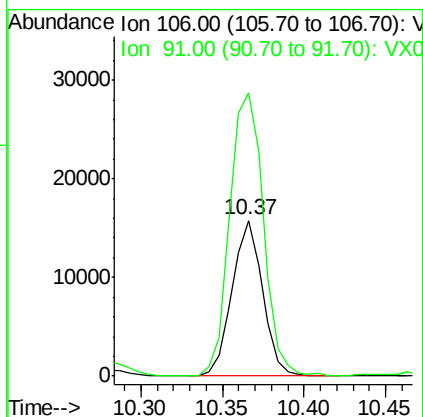
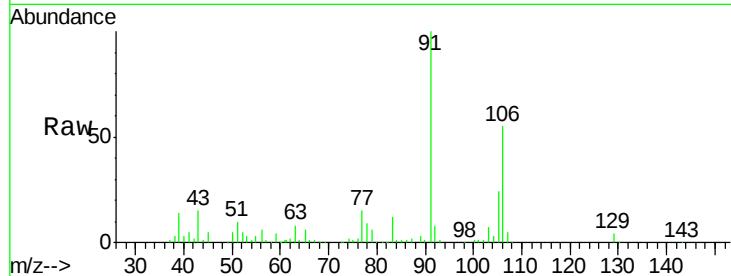




#68
m/p-Xylenes
Concen: 7.071 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000452.D
Acq: 26 Mar 2018 20:02

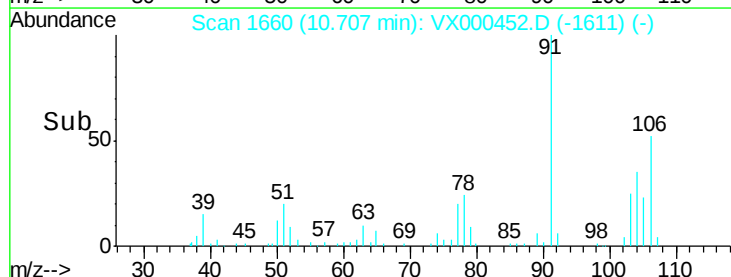
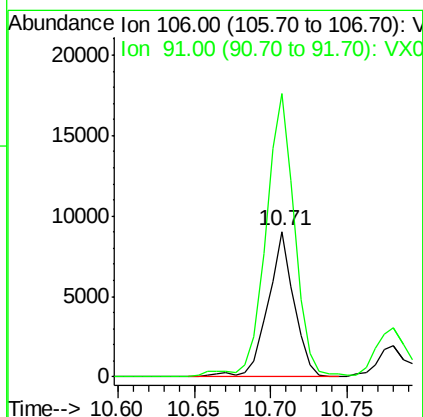
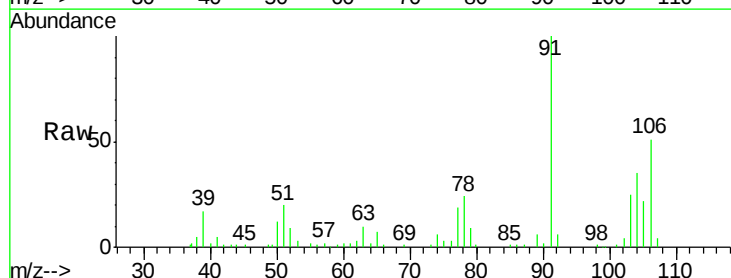
Instrument :
MSVOA_X
ClientSampleId :

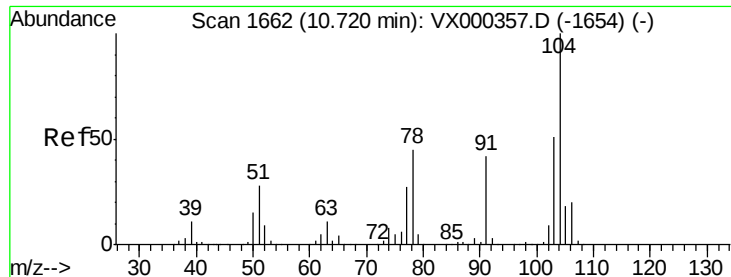
Tot Ion:106 Resp: 20573
Ion Ratio Lower Upper
106 100
91 200.0 163.4 245.2



#69
o-Xylene
Concen: 3.842 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000452.D
Acq: 26 Mar 2018 20:02

Tgt Ion:106 Resp: 10823
Ion Ratio Lower Upper
106 100
91 214.9 106.5 319.6





#70

Stvrene

Concen: 5.132 ug/l

RT: 10.72 min Scan# 1662

Delta R.T. -0.00 min

Lab File: VX000452.D

Acq: 26 Mar 2018 20:02

Instrument :

MSVOA_X

ClientSampled :

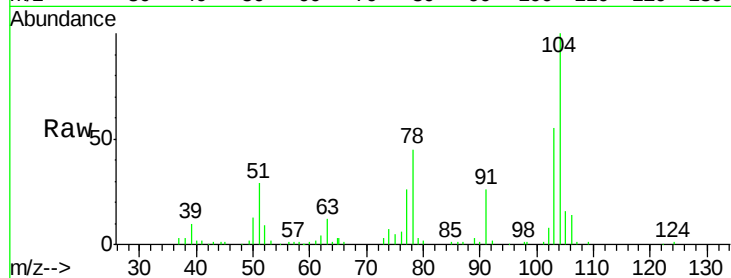
Tot Ion:104 Resp: 23921

Ion Ratio Lower Upper

104 100

78 50.8 40.5 60.7

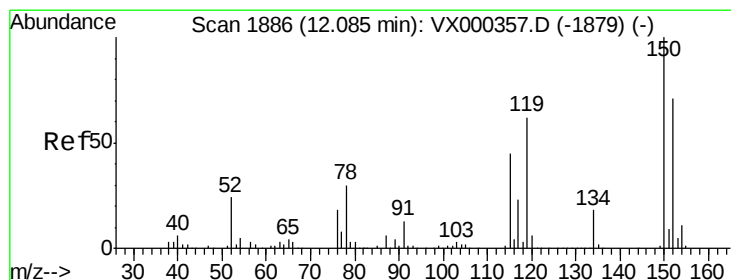
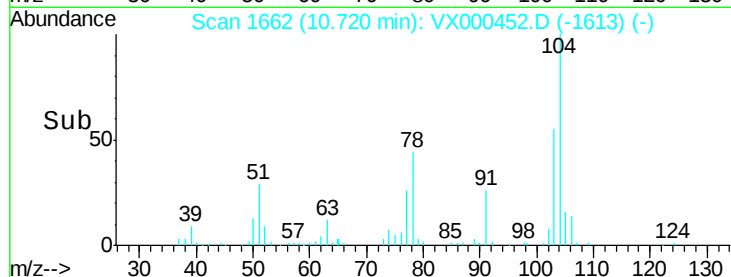
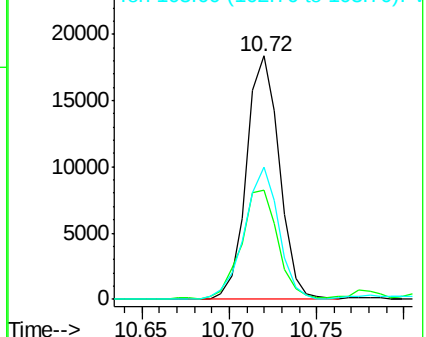
103 57.0 45.7 68.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000452.D

Acq: 26 Mar 2018 20:02

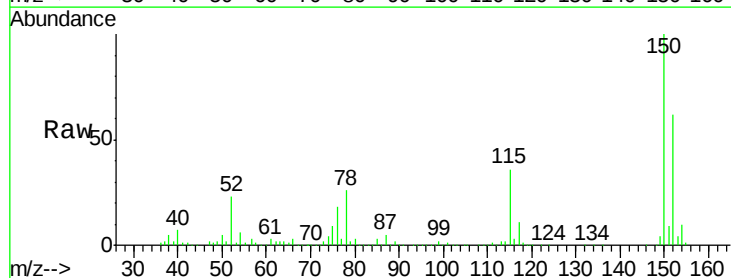
Tgt Ion:152 Resp: 99798

Ion Ratio Lower Upper

152 100

115 57.3 39.8 119.3

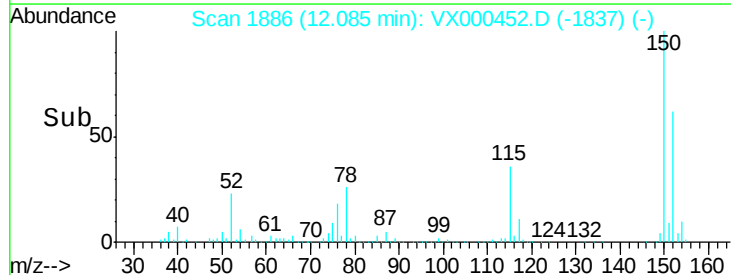
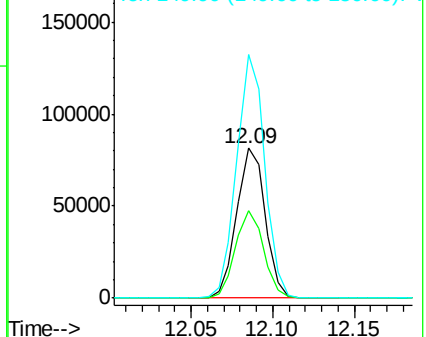
150 159.4 0.0 344.4

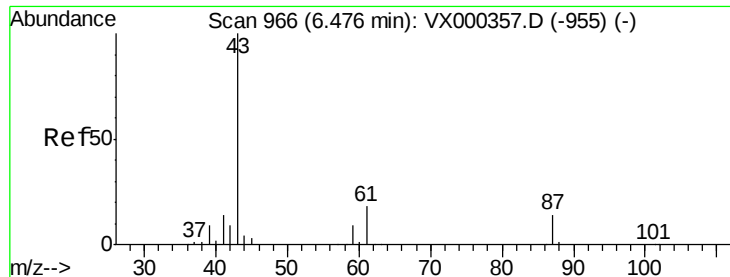


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: Below Cal

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000452.D

Acq: 26 Mar 2018 20:02

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 198

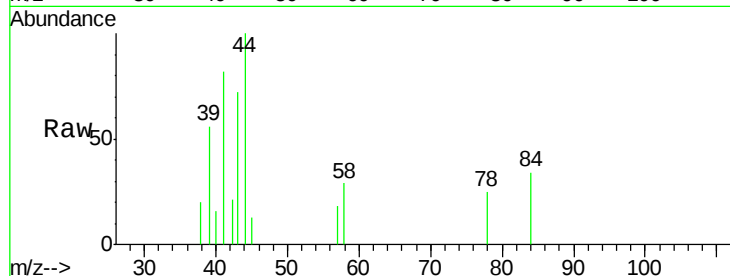
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 12.6 0.0 0.0#

61 0.0 14.4 21.6#

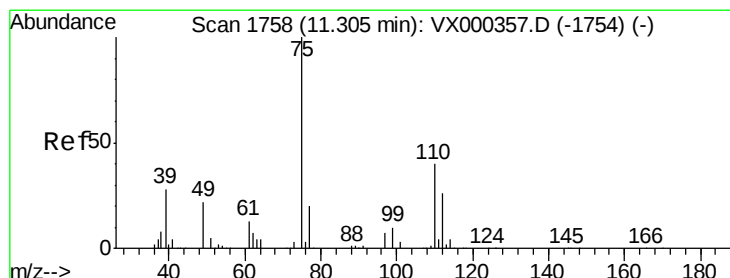
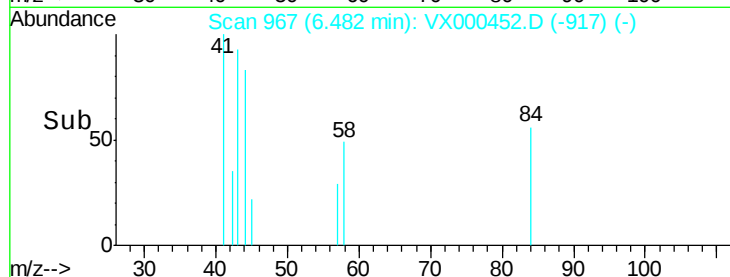
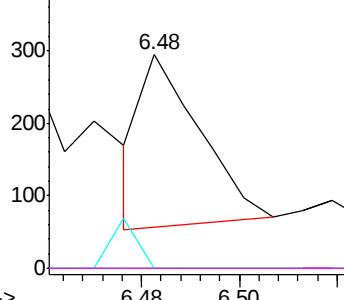


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 23.747 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000452.D

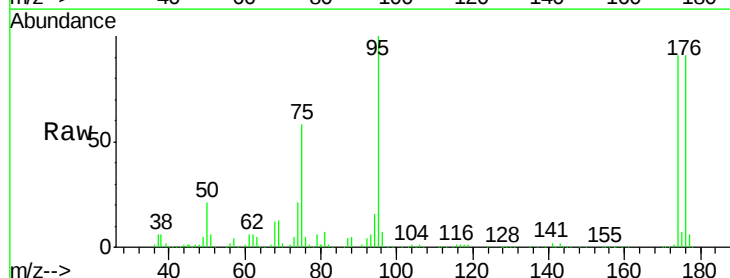
Acq: 26 Mar 2018 20:02

Tgt Ion: 75 Resp: 50933

Ion Ratio Lower Upper

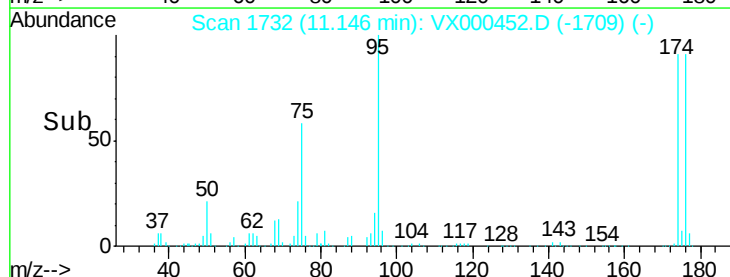
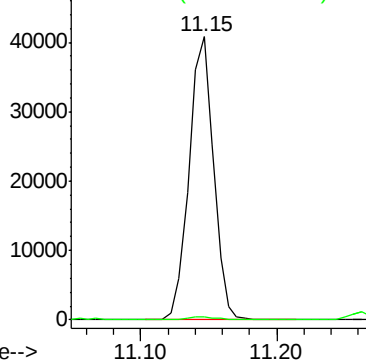
75 100

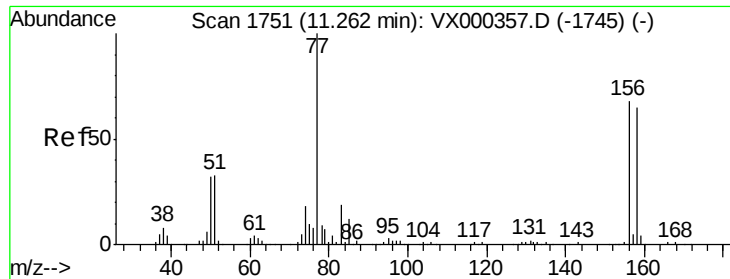
77 1.5 21.4 64.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 0.653 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000452.D

Acq: 26 Mar 2018 20:02

Instrument :

MSVOA_X

ClientSampled :

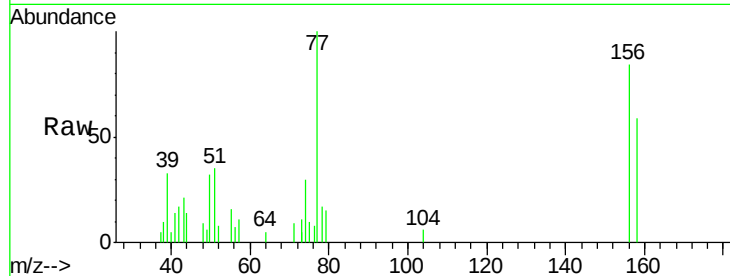
Tot Ion:156 Resp: 1151

Ion Ratio Lower Upper

156 100

77 110.0 73.4 220.2

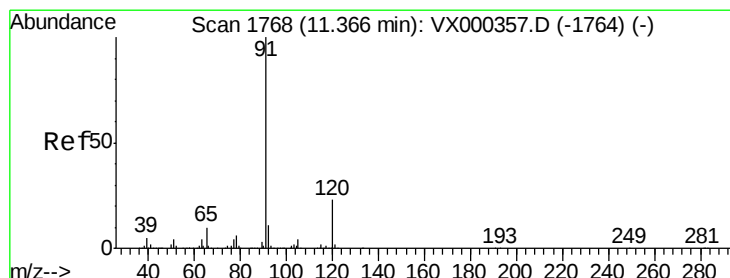
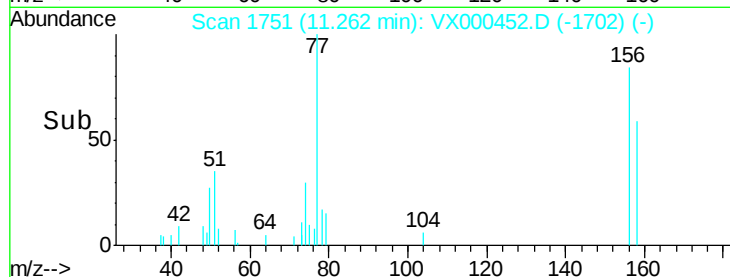
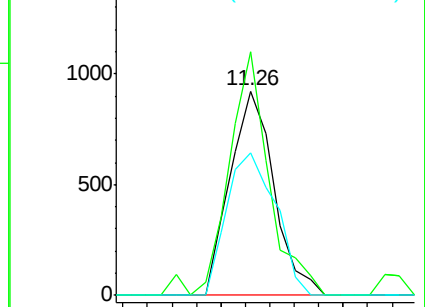
158 78.1 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.528 ug/l

RT: 11.38 min Scan# 1770

Delta R.T. 0.01 min

Lab File: VX000452.D

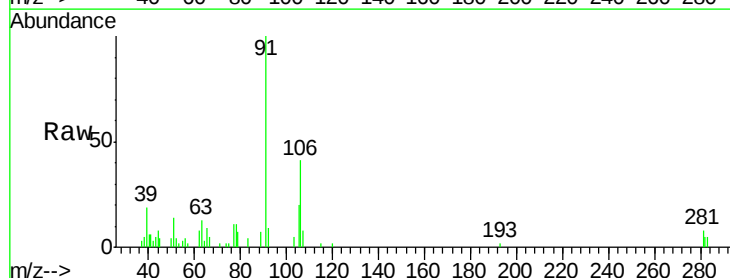
Acq: 26 Mar 2018 20:02

Tgt Ion: 91 Resp: 4161

Ion Ratio Lower Upper

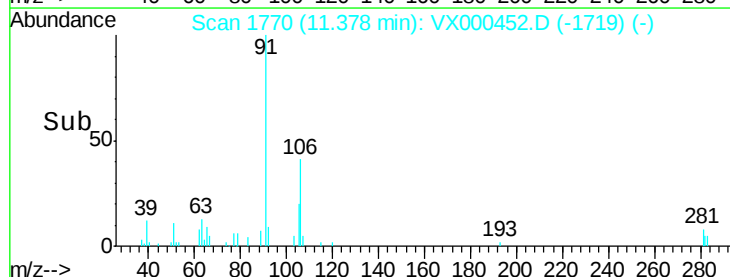
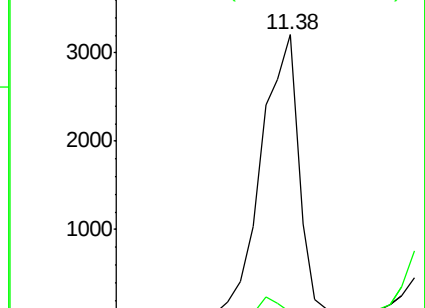
91 100

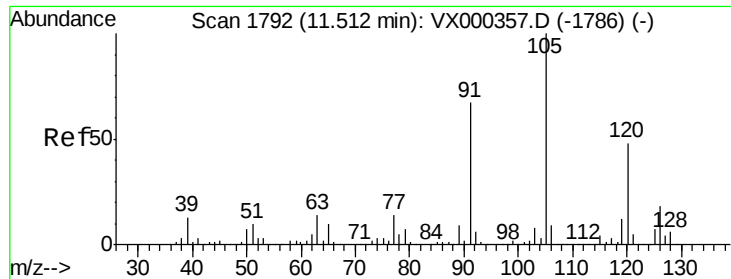
120 5.0 11.8 35.3#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

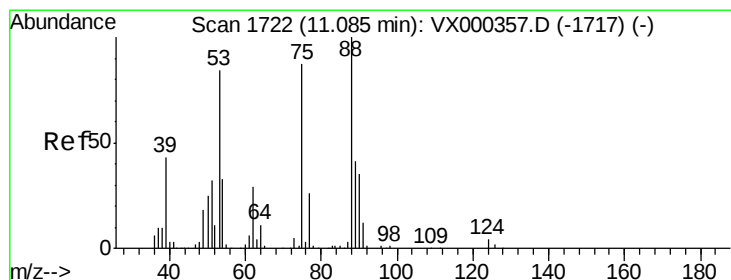
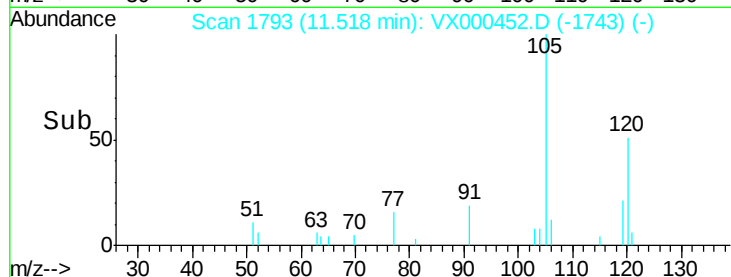
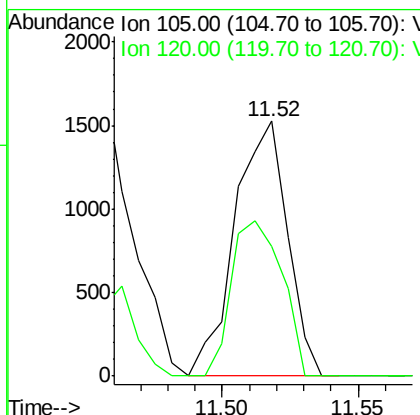
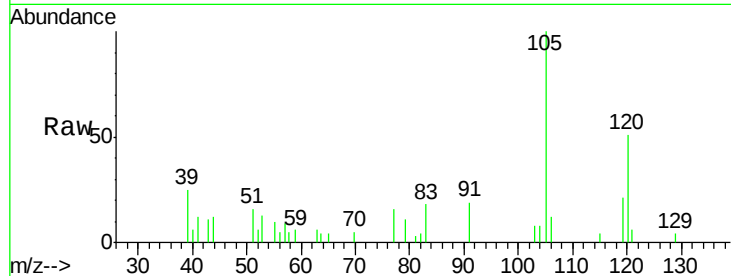




#80
 1,3,5-Trimethylbenzene
 Concen: 0.367 ug/l
 RT: 11.52 min Scan# 1793
 Delta R.T. 0.01 min
 Lab File: VX000452.D
 Acq: 26 Mar 2018 20:02

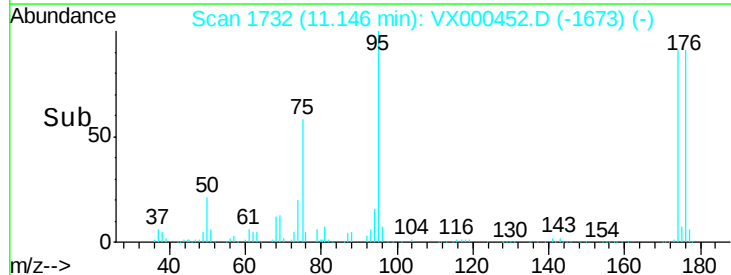
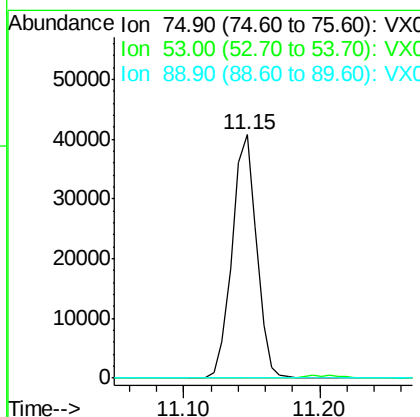
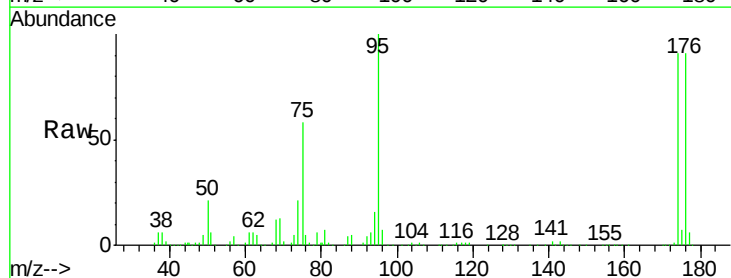
Instrument :
 MSVOA_X
 ClientSampleId :

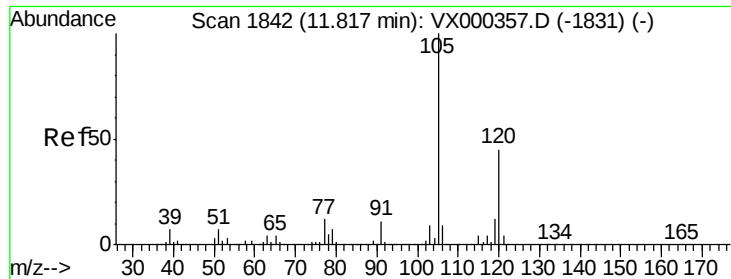
Tot Ion:105 Resp: 2043
 Ion Ratio Lower Upper
 105 100
 120 58.6 24.1 72.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.884 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.06 min
 Lab File: VX000452.D
 Acq: 26 Mar 2018 20:02

Tgt Ion: 75 Resp: 50933
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.7 121.1#
 89 0.1 39.4 59.0#





#84

1,2,4-Trimethylbenzene

Concen: 0.433 ug/l

RT: 11.68 min Scan# 1819

Delta R.T. -0.14 min

Lab File: VX000452.D

Acq: 26 Mar 2018 20:02

Instrument :

MSVOA_X

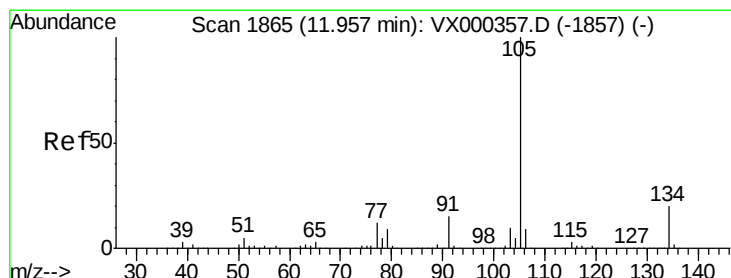
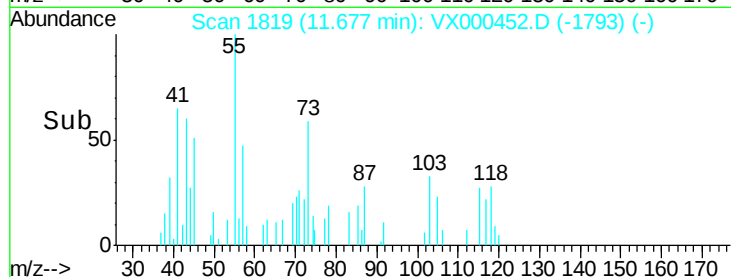
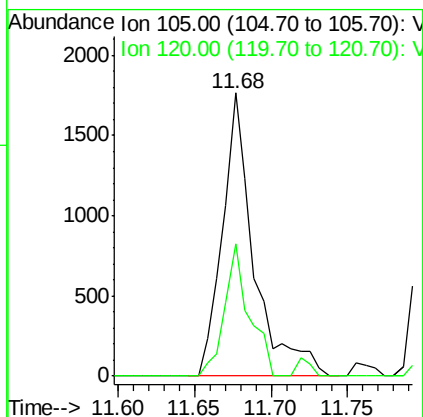
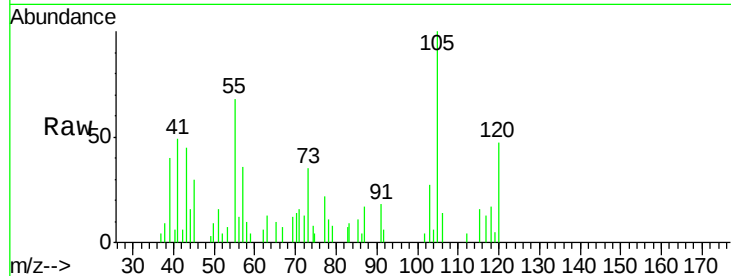
ClientSampled :

Tot Ion:105 Resp: 2522

Ion Ratio Lower Upper

105 100

120 36.2 22.4 67.3



#85

sec-Butylbenzene

Concen: 8.135 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. -0.14 min

Lab File: VX000452.D

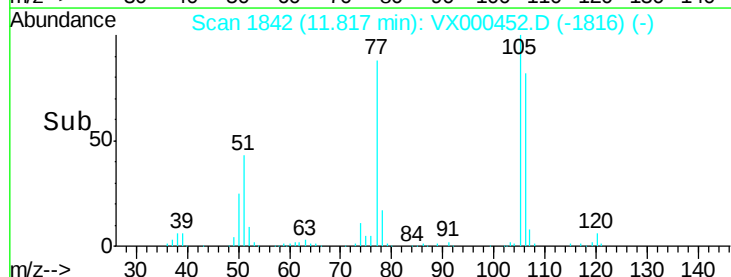
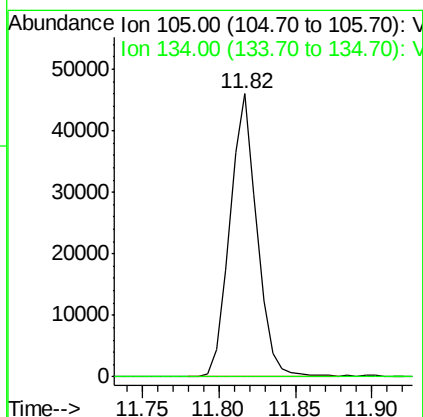
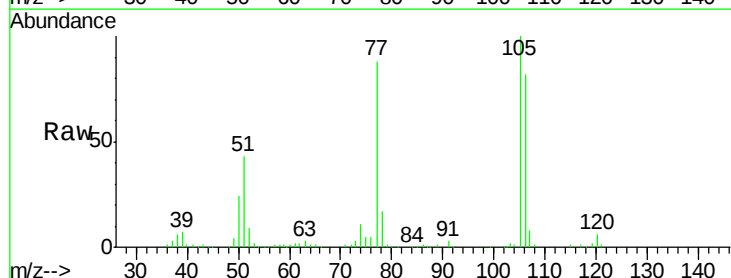
Acq: 26 Mar 2018 20:02

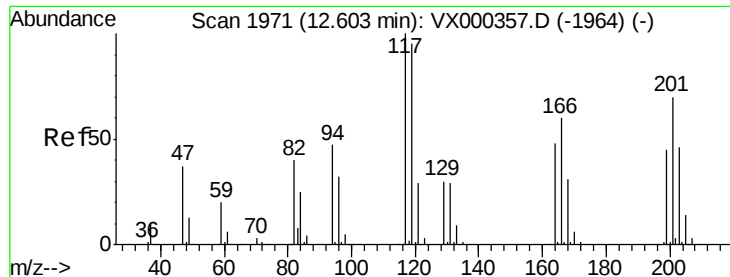
Tgt Ion:105 Resp: 56441

Ion Ratio Lower Upper

105 100

134 0.0 10.3 30.8#





#90

Hexachloroethane

Concen: 0.425 ug/l

RT: 12.62 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VX000452.D

Acq: 26 Mar 2018 20:02

Instrument :

MSVOA_X

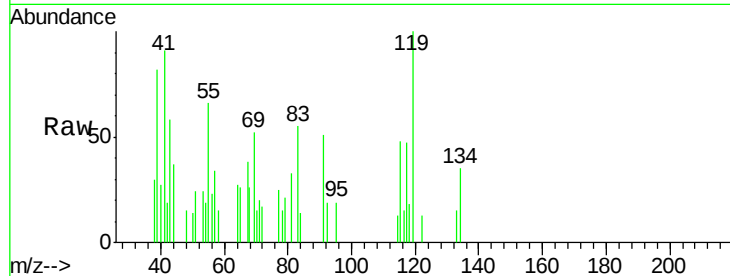
ClientSampled :

Tot Ion:117 Resp: 412

Ion Ratio Lower Upper

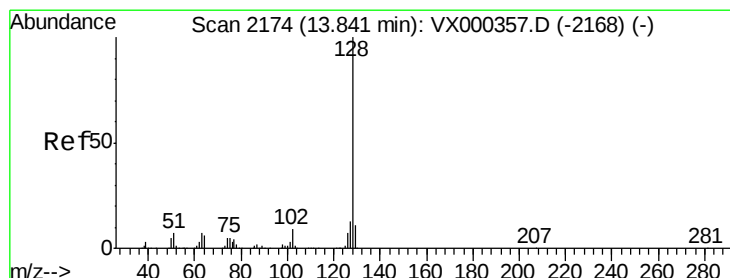
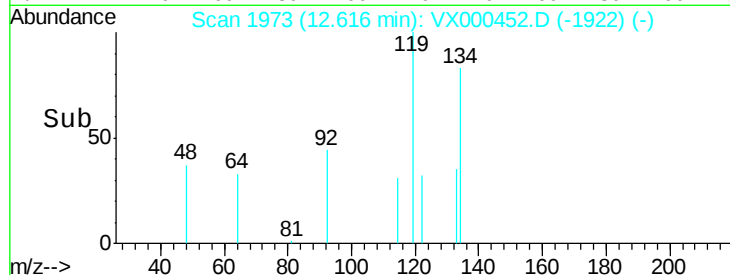
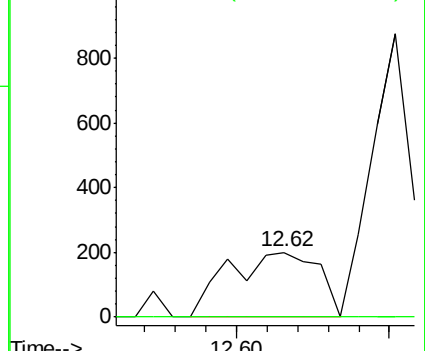
117 100

201 0.0 37.9 113.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 13.929 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000452.D

Acq: 26 Mar 2018 20:02

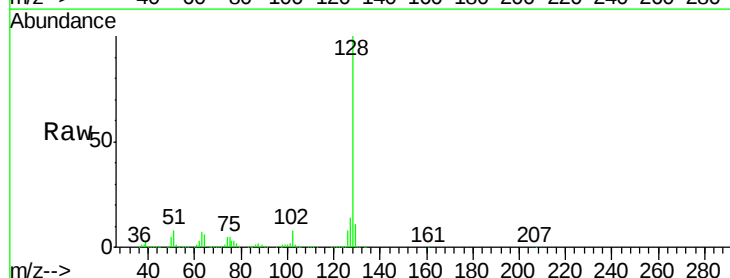
Tgt Ion:128 Resp: 113583

Ion Ratio Lower Upper

128 100

127 13.8 10.6 15.8

129 11.6 8.9 13.3



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

