

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070318\
 Data File : VX003156.D
 Acq On : 03 Jul 2018 18:33
 Operator : JC/MD
 Sample : J3754-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0146

Quant Time: Jul 04 03:17:44 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	276277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	389124	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	360591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201653	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	174232	45.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.26%	
35) Dibromofluoromethane	5.51	113	146191	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
50) Toluene-d8	8.72	98	529059	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
62) 4-Bromofluorobenzene	11.14	95	193804	44.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	171	Below Cal	#	56
3) Chloromethane	1.32	50	808	Below Cal	#	58
5) Bromomethane	1.65	94	2348	Below Cal		82
6) Chloroethane	1.73	64	300	Below Cal		93
10) Methyl Iodide	2.53	142	2190	6.84	ug/l #	95
11) Tert butyl alcohol	3.07	59	54476	71.61	ug/l	100
13) Acrolein	2.28	56	159	4.60	ug/l #	1
14) Allyl chloride	2.62	41	2582	0.48	ug/l #	83
15) Acrylonitrile	3.17	53	346	0.21	ug/l #	39
16) Acetone	2.45	43	8828	5.58	ug/l	97
18) Methyl Acetate	2.84	43	101890	23.04	ug/l #	55
20) Methylene Chloride	2.84	84	1171	0.38	ug/l #	1
31) Cyclohexane	5.73	56	56219	11.74	ug/l #	23
36) 1,1-Dichloropropene	5.67	75	17671	4.14	ug/l #	51
38) Carbon Tetrachloride	5.67	117	23923	5.11	ug/l #	16
39) Methylcyclohexane	7.45	83	1347	0.27	ug/l #	58
40) Benzene	6.15	78	1055068	85.10	ug/l	98
42) 1,2-Dichloroethane	6.14	62	9525	1.90	ug/l #	77
43) Isopropyl Acetate	6.35	43	24345	3.16	ug/l #	63
48) Methyl methacrylate	7.79	41	2037	0.51	ug/l #	84
55) 1,1,2-Trichloroethane	9.17	97	1201	0.37	ug/l #	22
59) 2-Hexanone	9.52	43	21795	5.95	ug/l	96
67) Ethyl Benzene	10.26	91	7758	0.51	ug/l	98
68) m/p-Xylenes	10.37	106	8269	1.42	ug/l	98
73) Isopropylbenzene	11.02	105	115471	8.51	ug/l	100
74) N-amyl acetate	6.35	43	24345	3.67	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	11.22	83	2952	0.71	ug/l #	35
76) 1,2,3-Trichloropropane	11.14	75	97530	26.70	ug/l #	33
78) n-propylbenzene	11.37	91	69666	4.51	ug/l	99
79) 2-Chlorotoluene	11.37	91	69666	7.45	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	3019	0.26	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.14	75	97530	75.62	ug/l #	7
82) 4-Chlorotoluene	11.37	91	69666	6.29	ug/l #	44
83) tert-Butylbenzene	11.77	119	2752	0.24	ug/l	83

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

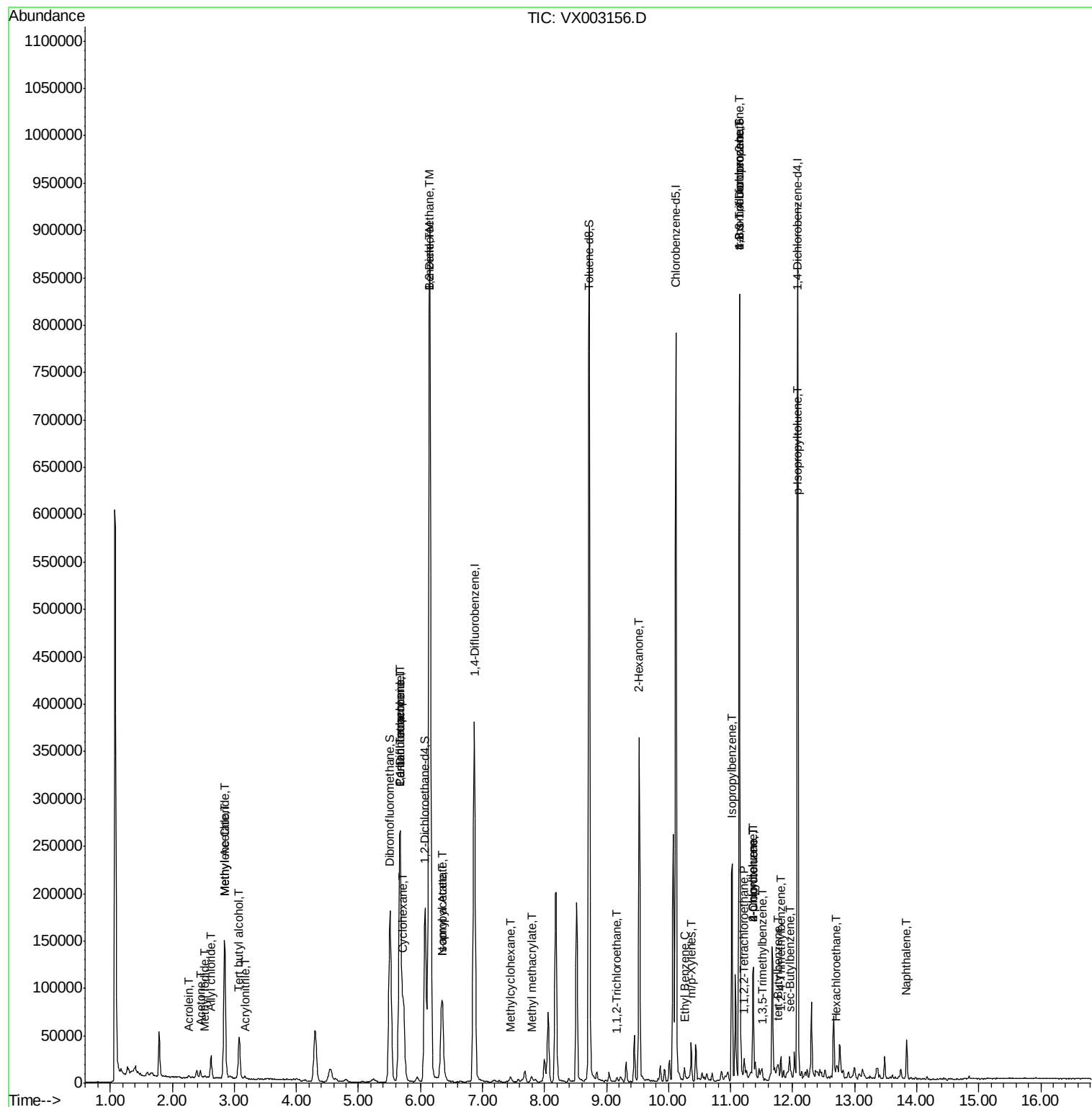
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.81	105	10101	0.85	ug/l	96
85) sec-Butylbenzene	11.95	105	7474	0.55	ug/l	80
86) p-Isopropyltoluene	12.07	119	5012	0.41	ug/l	85
90) Hexachloroethane	12.70	117	3015	1.65	ug/l #	1
95) Naphthalene	13.83	128	25912	1.88	ug/l	99

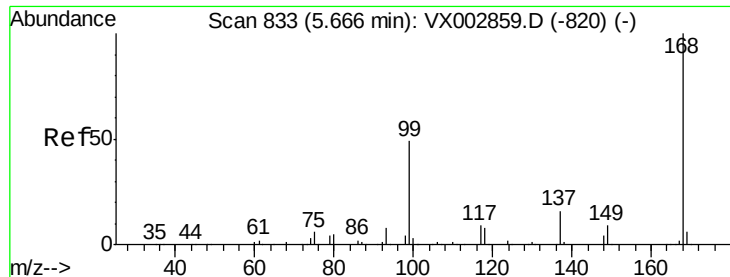
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 04 03:17:44 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
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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: VX003156.D

Acq: 03 Jul 2018 18:33

Instrument :

MSVOA_X

ClientSampleId :

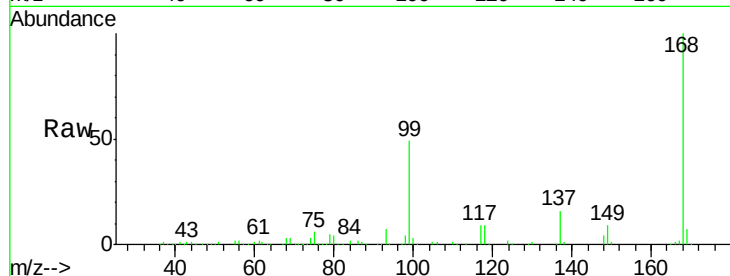
S10-0146

Tot Ion:168 Resp: 276277

Ion Ratio Lower Upper

168 100

99 49.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

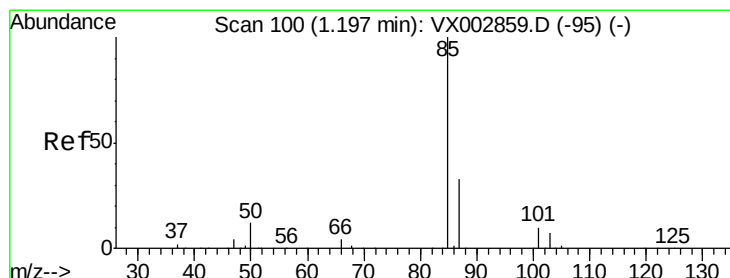
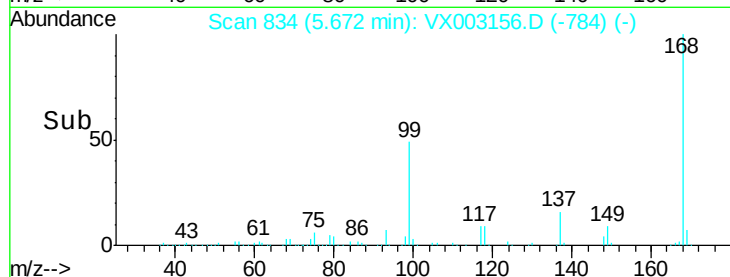
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.20 min Scan# 101

Delta R.T. 0.01 min

Lab File: VX003156.D

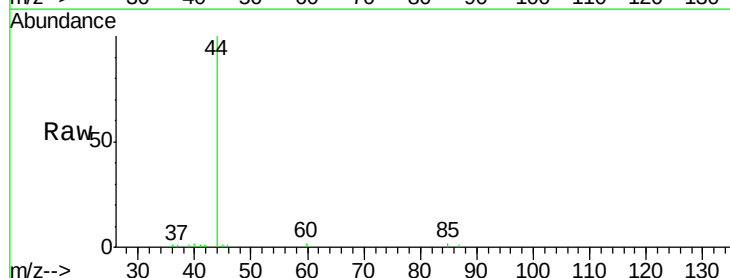
Acq: 03 Jul 2018 18:33

Tgt Ion: 85 Resp: 171

Ion Ratio Lower Upper

85 100

87 56.3 16.0 47.9#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200

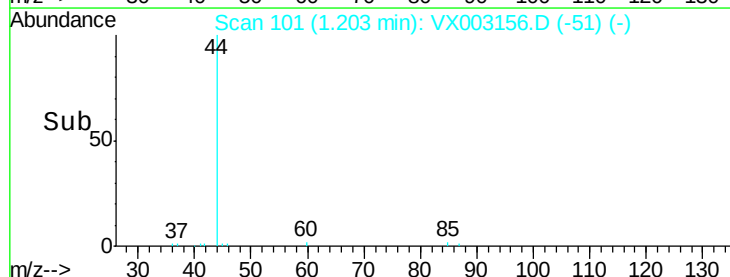
150

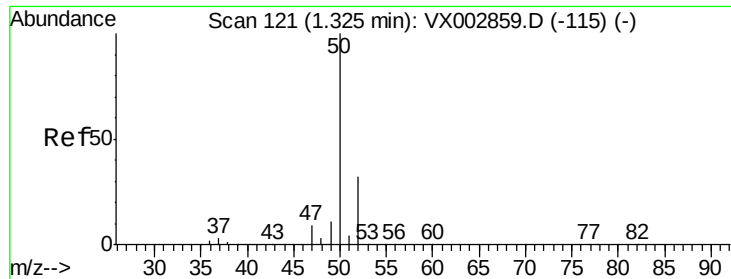
100

50

0

Time--> 1.16 1.18 1.20 1.22





#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003156.D

Acq: 03 Jul 2018 18:33

Instrument :

MSVOA_X

ClientSampled :

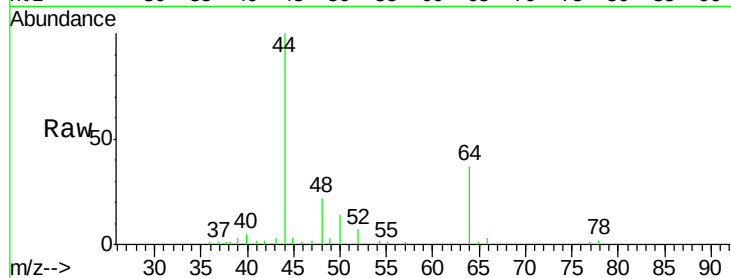
S10-0146

Tot Ion: 50 Resp: 808

Ion Ratio Lower Upper

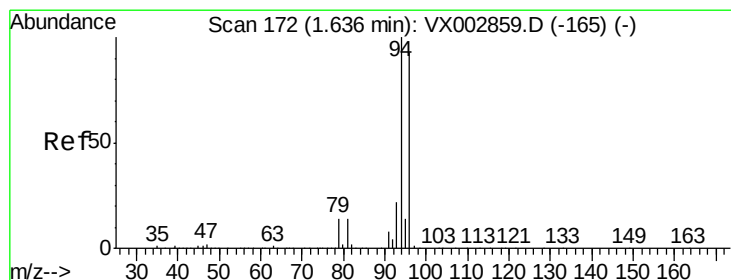
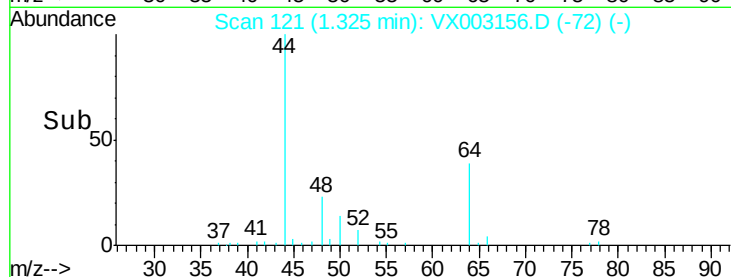
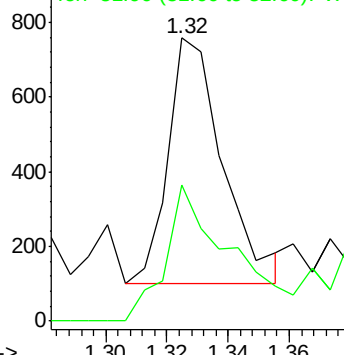
50 100

52 55.5 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX003156.D

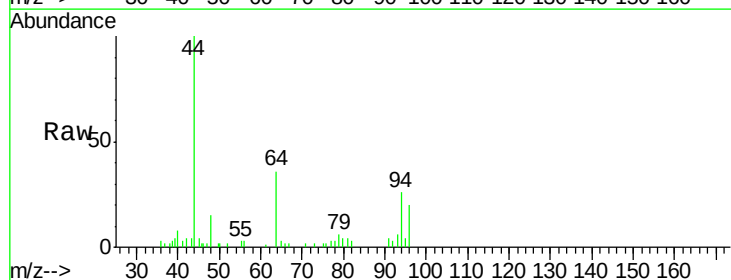
Acq: 03 Jul 2018 18:33

Tgt Ion: 94 Resp: 2348

Ion Ratio Lower Upper

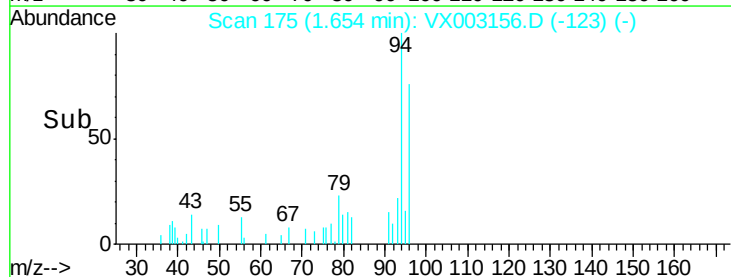
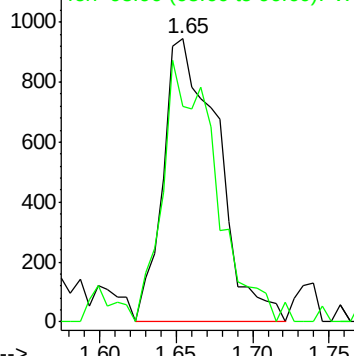
94 100

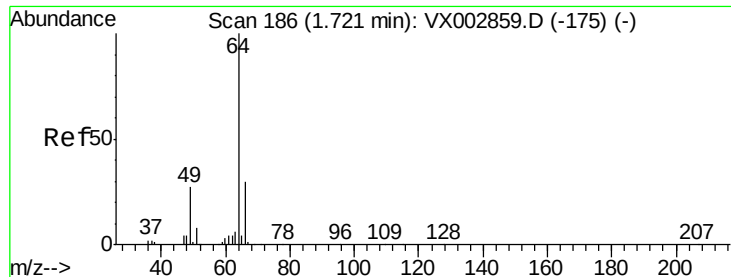
96 76.2 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX003156.D

Acq: 03 Jul 2018 18:33

Instrument :

MSVOA_X

ClientSampleId :

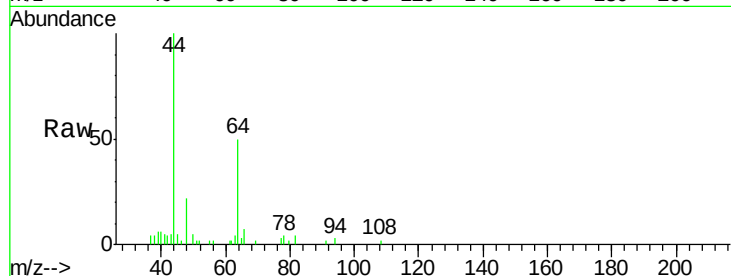
S10-0146

Tot Ion: 64 Resp: 300

Ion Ratio Lower Upper

64 100

66 28.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

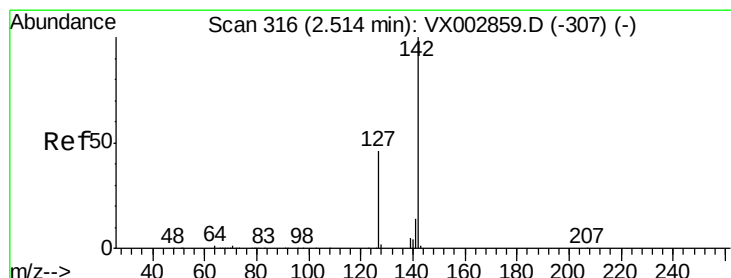
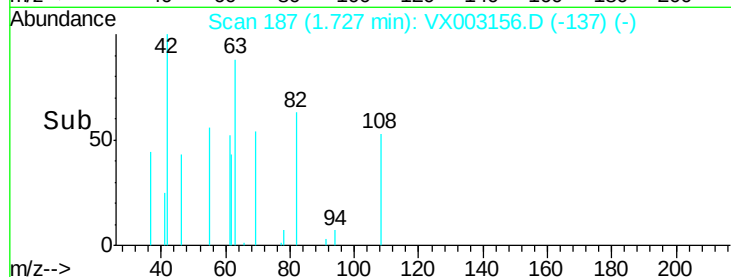
1500

1000

500

0

Time-->



#10

Methyl Iodide

Concen: 6.84 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX003156.D

Acq: 03 Jul 2018 18:33

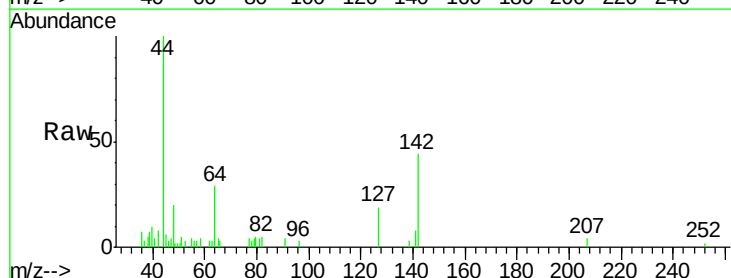
Tgt Ion:142 Resp: 2190

Ion Ratio Lower Upper

142 100

127 44.8 36.6 55.0

141 7.6 11.3 16.9#



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

2.53

1200

1000

800

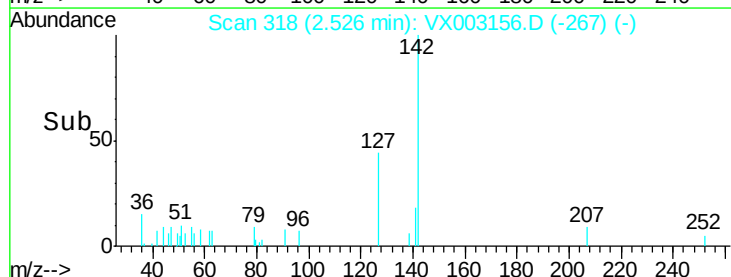
600

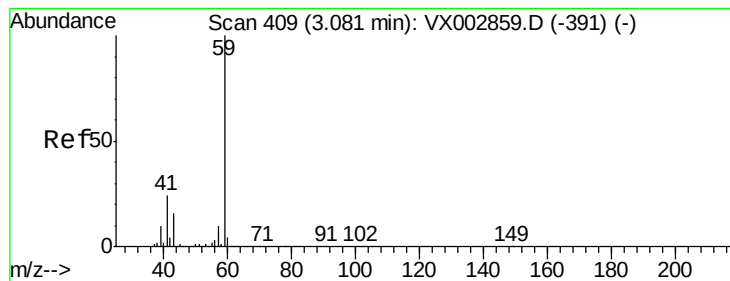
400

200

0

Time-->





#11

Tert butyl alcohol

Concen: 71.61 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.01 min

Lab File: VX003156.D

Acq: 03 Jul 2018 18:33

Instrument :

MSVOA_X

ClientSampleId :

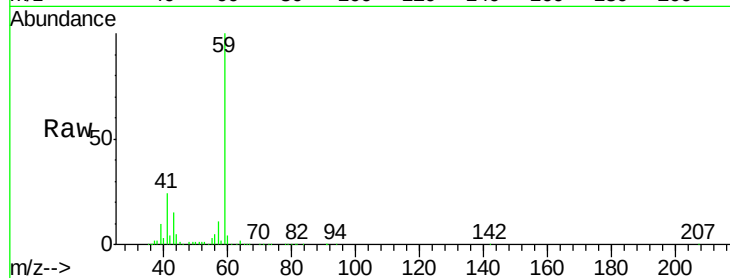
S10-0146

Tot Ion: 59 Resp: 54476

Ion Ratio Lower Upper

59 100

57 10.3 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.07

25000

20000

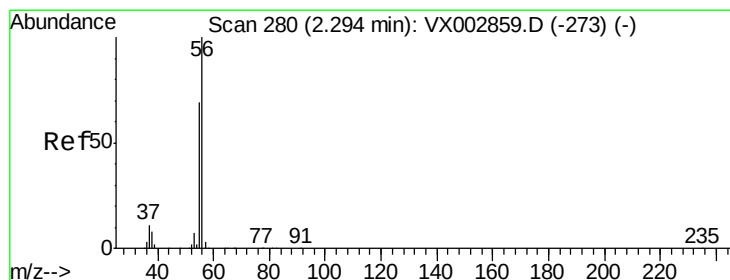
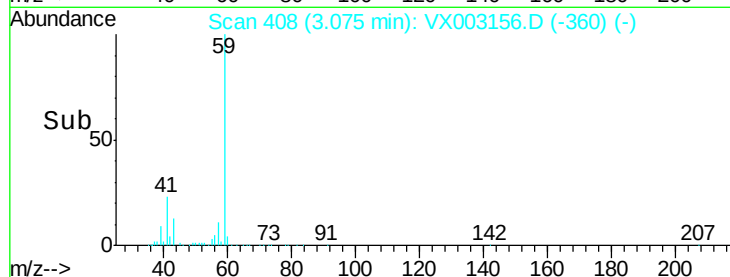
15000

10000

5000

0

Time--> 2.90 3.00 3.10 3.20



#13

Acrolein

Concen: 4.60 ug/l

RT: 2.28 min Scan# 277

Delta R.T. -0.02 min

Lab File: VX003156.D

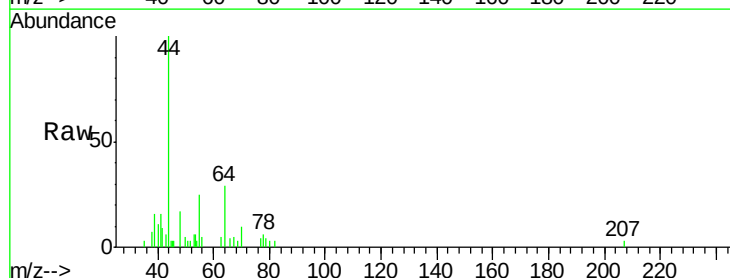
Acq: 03 Jul 2018 18:33

Tgt Ion: 56 Resp: 159

Ion Ratio Lower Upper

56 100

55 814.5 57.0 85.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

800

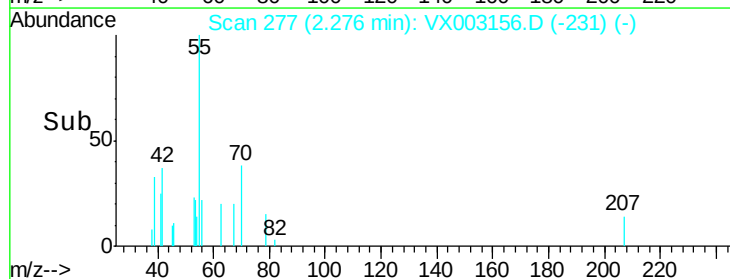
600

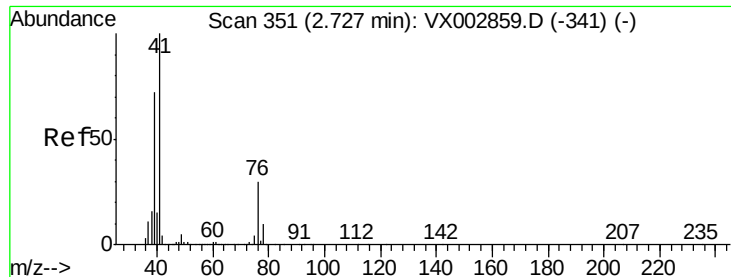
400

200

0

Time--> 2.24 2.26 2.28





#14

Allvl chloride

Concen: 0.48 ug/l

RT: 2.62 min Scan# 334

Delta R.T. -0.10 min

Lab File: VX003156.D

Acq: 03 Jul 2018 18:33

Instrument :

MSVOA_X

ClientSampleId :

S10-0146

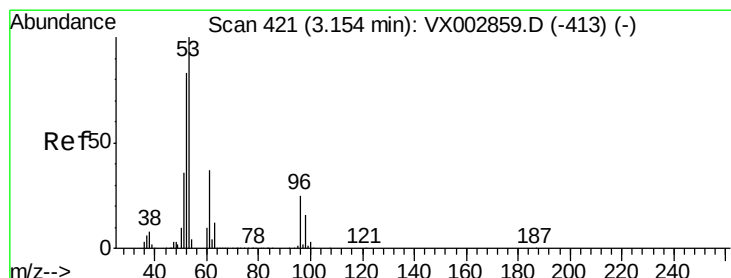
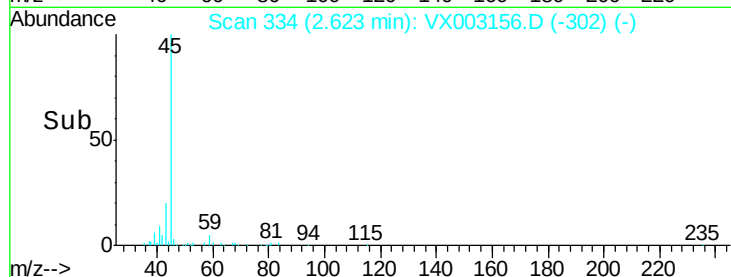
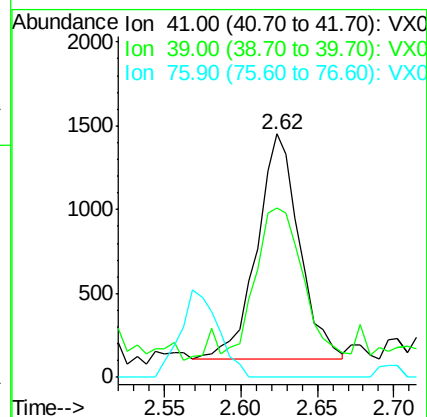
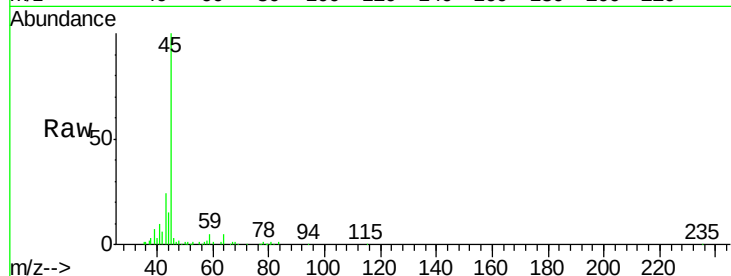
Tot Ion: 41 Resp: 2582

Ion Ratio Lower Upper

41 100

39 70.3 56.8 85.2

76 0.0 23.8 35.8#



#15

Acrylonitrile

Concen: 0.21 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003156.D

Acq: 03 Jul 2018 18:33

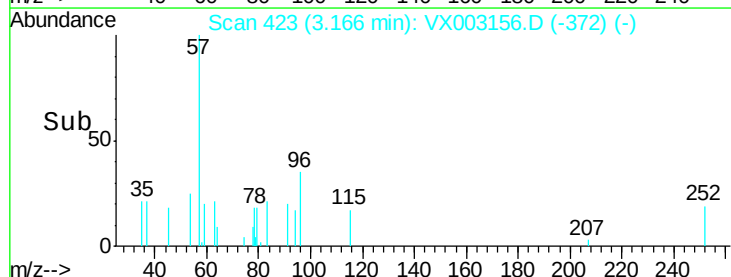
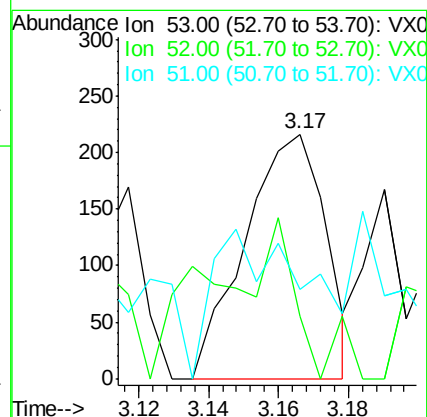
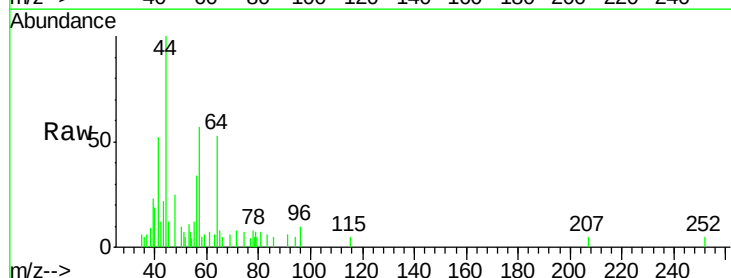
Tgt Ion: 53 Resp: 346

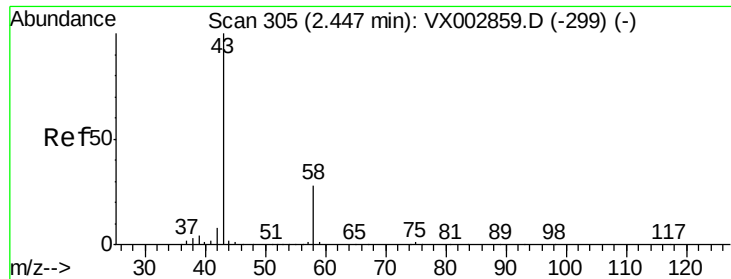
Ion Ratio Lower Upper

53 100

52 26.6 66.7 100.1#

51 71.1 29.9 44.9#





#16

Acetone

Concen: 5.58 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003156.D

Acq: 03 Jul 2018 18:33

Instrument :

MSVOA_X

ClientSampled :

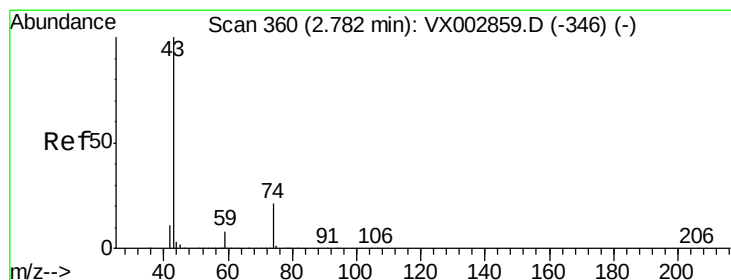
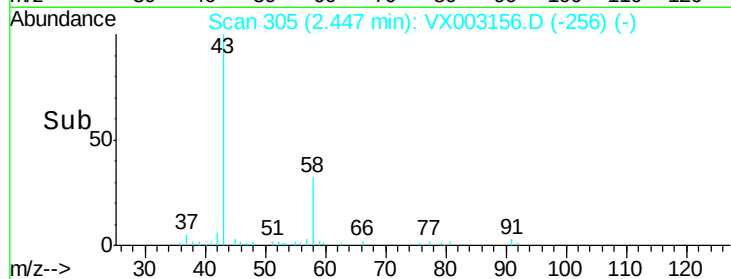
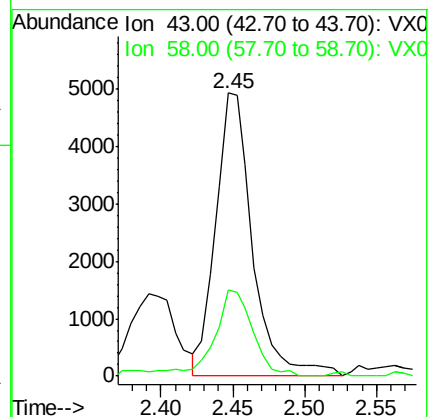
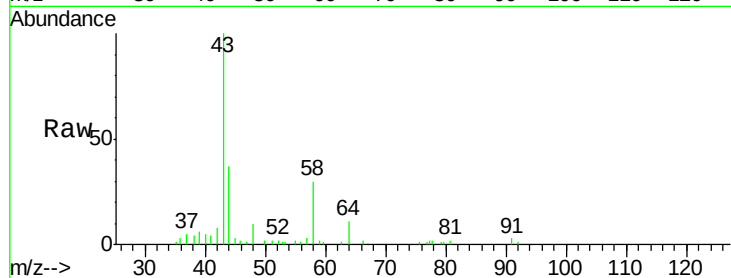
S10-0146

Tot Ion: 43 Resp: 8828

Ion Ratio Lower Upper

43 100

58 28.9 22.1 33.1



#18

Methyl Acetate

Concen: 23.04 ug/l

RT: 2.84 min Scan# 370

Delta R.T. 0.06 min

Lab File: VX003156.D

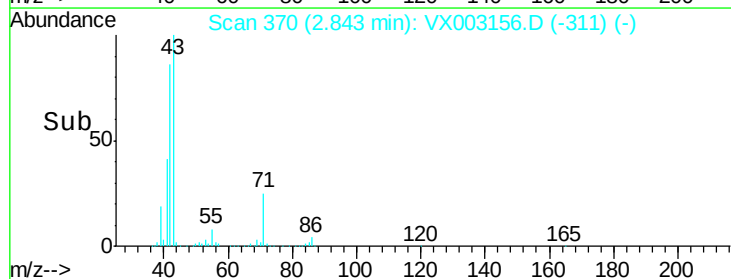
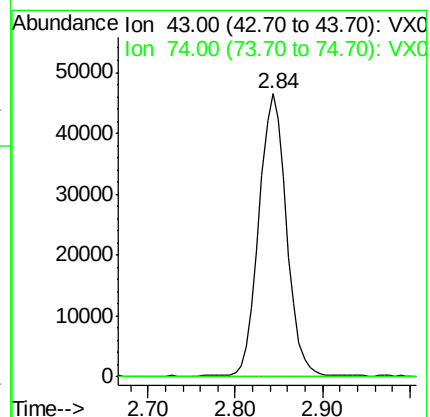
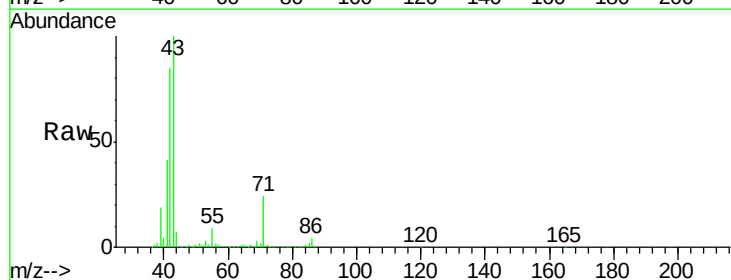
Acq: 03 Jul 2018 18:33

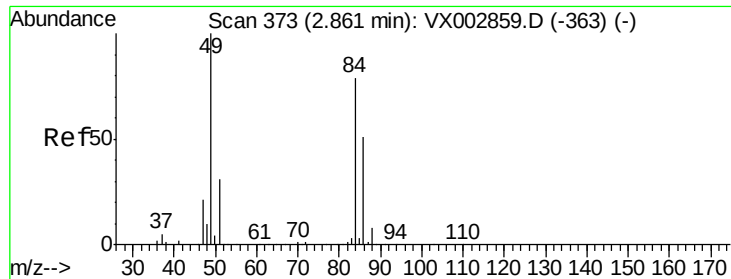
Tgt Ion: 43 Resp: 101890

Ion Ratio Lower Upper

43 100

74 0.1 16.7 25.1#

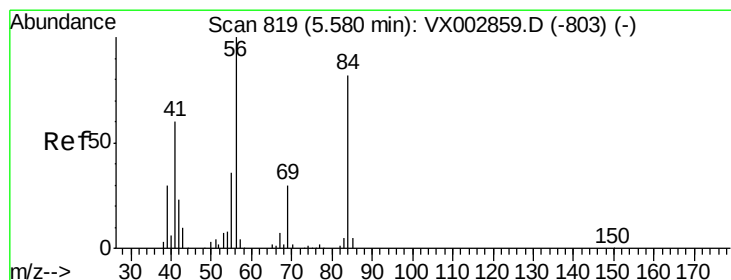
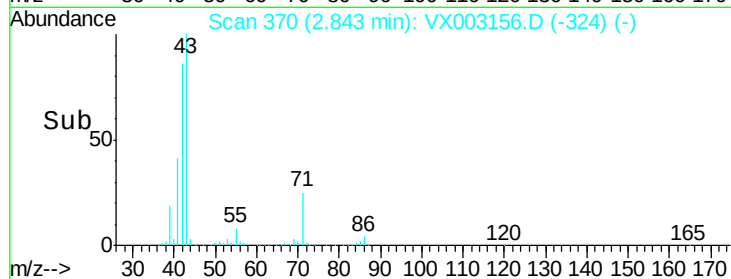
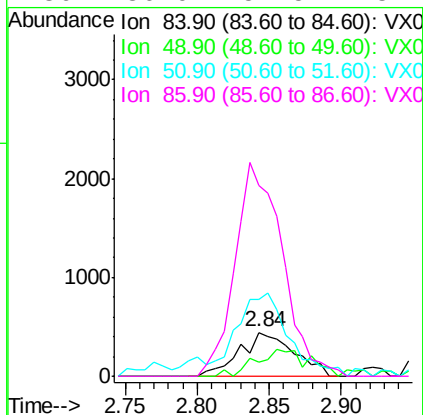
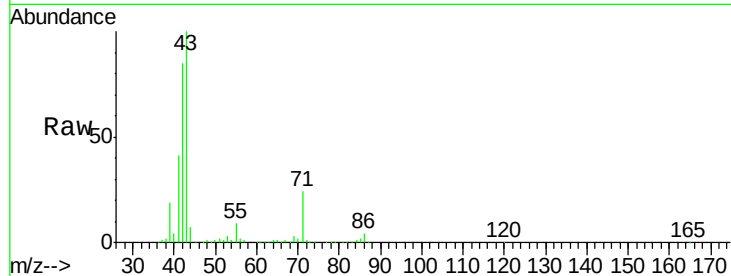




#20
Methvlene Chloride
Concen: 0.38 ug/l
RT: 2.84 min Scan# 370
Delta R.T. -0.02 min
Lab File: VX003156.D
Acq: 03 Jul 2018 18:33

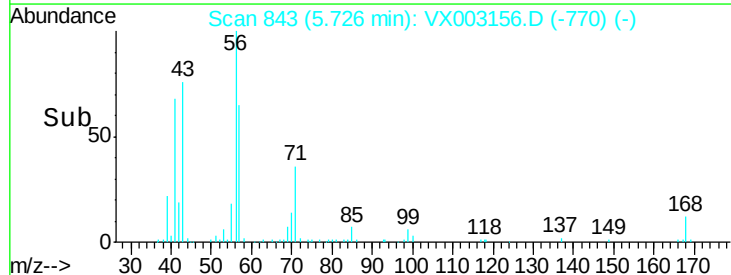
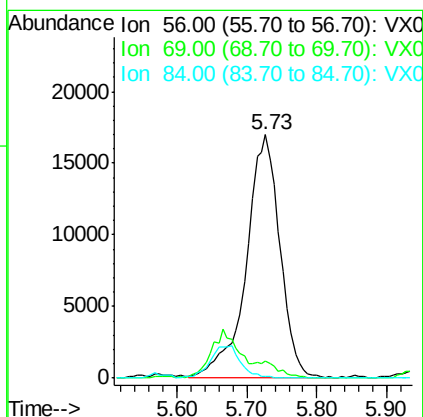
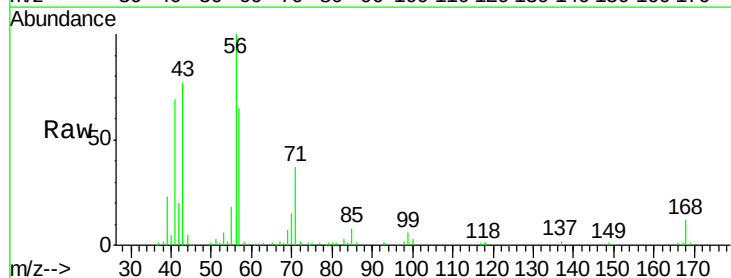
Instrument :
MSVOA_X
ClientSampleId :
S10-0146

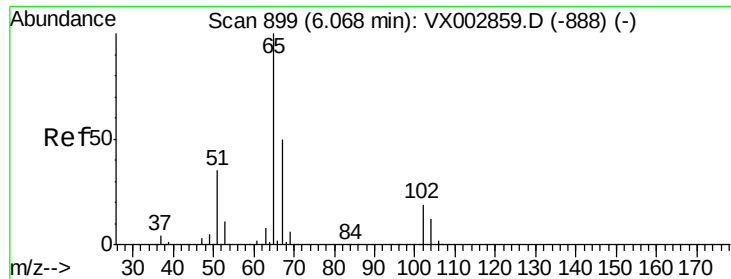
Tot Ion: 84 Resp: 1171
Ion Ratio Lower Upper
84 100
49 33.3 107.8 161.6#
51 155.4 32.8 49.2#
86 436.0 52.5 78.7#



#31
Cyclohexane
Concen: 11.74 ug/l
RT: 5.73 min Scan# 843
Delta R.T. 0.15 min
Lab File: VX003156.D
Acq: 03 Jul 2018 18:33

Tgt Ion: 56 Resp: 56219
Ion Ratio Lower Upper
56 100
69 6.9 23.7 35.5#
84 0.8 64.1 96.1#

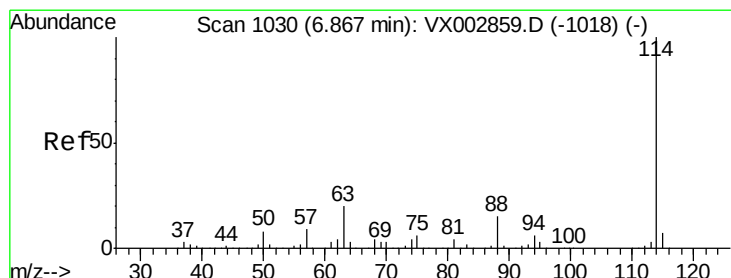
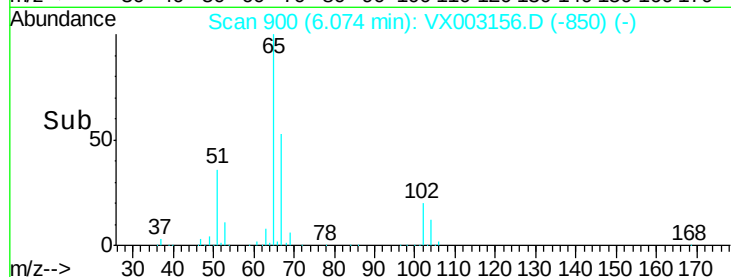
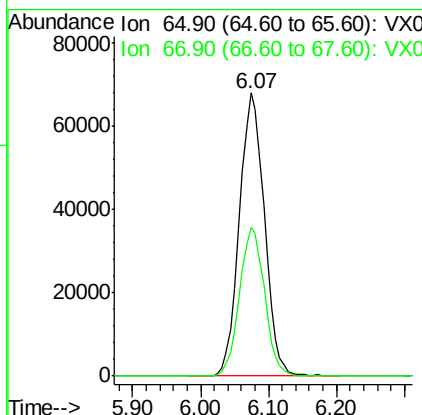
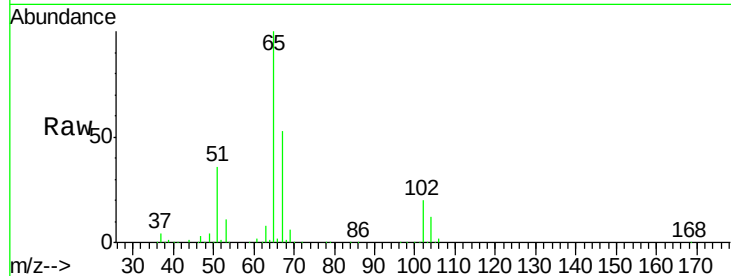




#33
 1,2-Dichloroethane-d4
 Concen: 45.63 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003156.D
 Acq: 03 Jul 2018 18:33

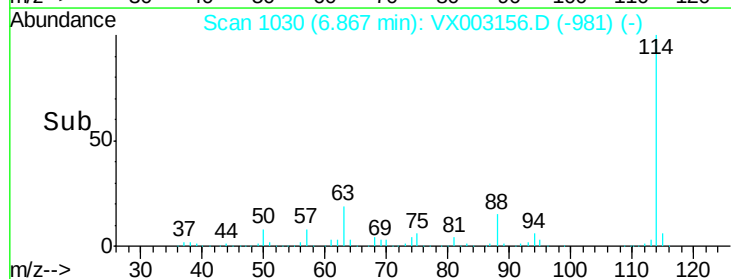
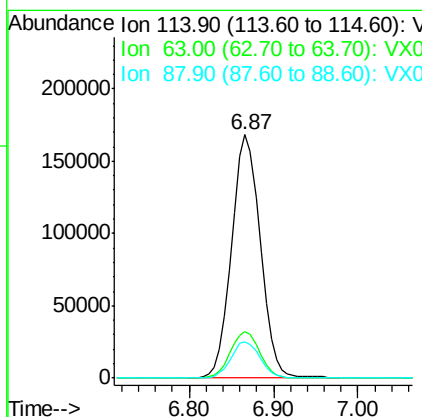
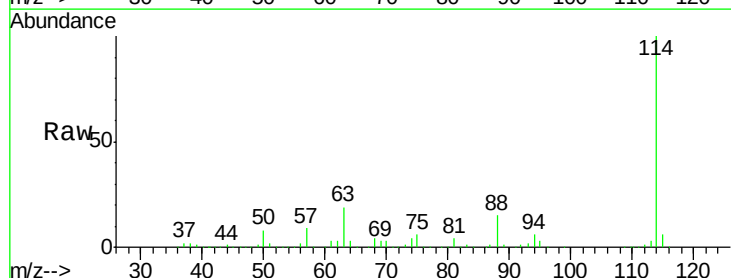
Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0146

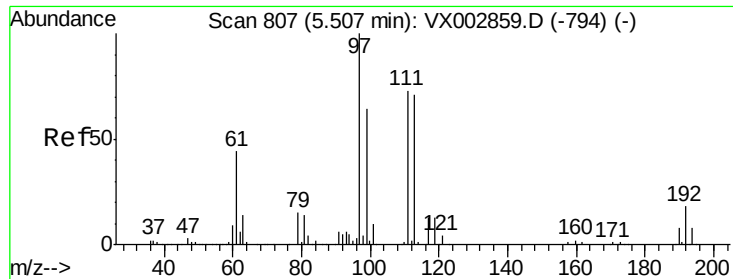
Tot Ion: 65 Resp: 174232
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003156.D
 Acq: 03 Jul 2018 18:33

Tgt Ion: 114 Resp: 389124
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 41.4
 88 14.6 0.0 30.0





#35

Dibromofluoromethane

Concen: 47.44 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003156.D

Acq: 03 Jul 2018 18:33

Instrument :

MSVOA_X

ClientSampleId :

S10-0146

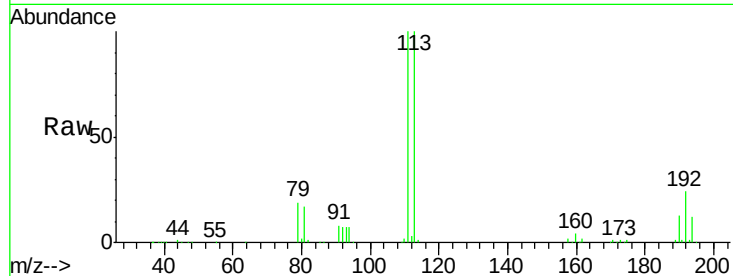
Tot Ion:113 Resp: 146191

Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

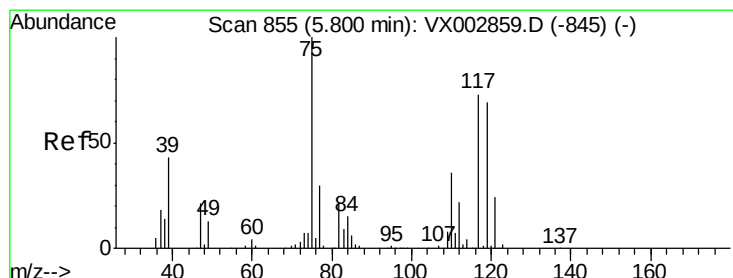
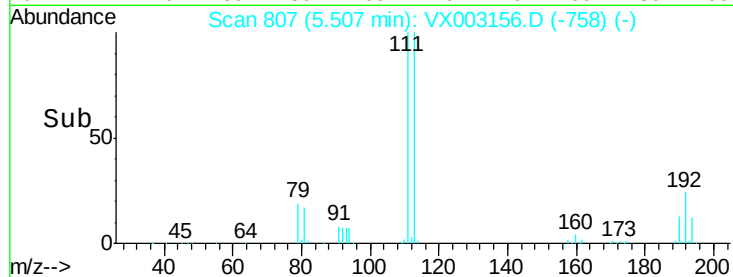
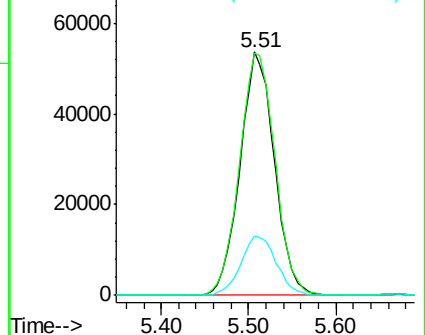
192 25.3 19.1 28.7



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: 4.14 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX003156.D

Acq: 03 Jul 2018 18:33

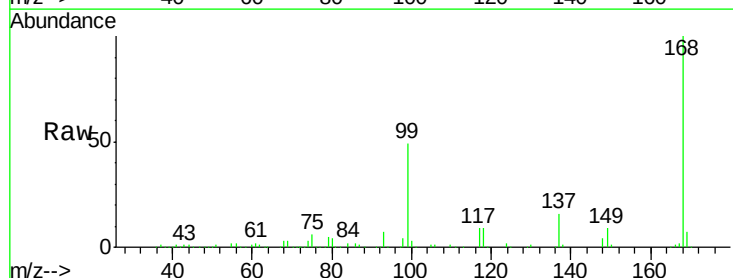
Tgt Ion: 75 Resp: 17671

Ion Ratio Lower Upper

75 100

110 10.1 18.1 54.4#

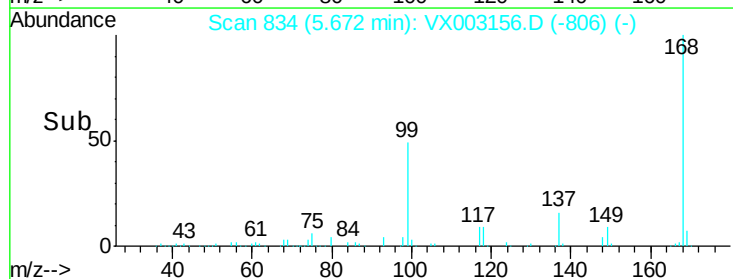
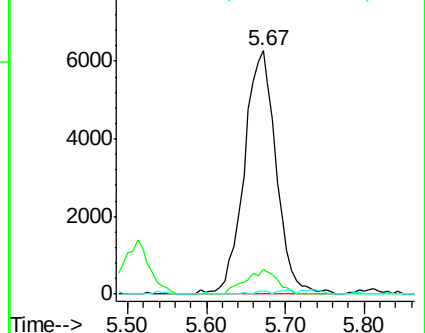
77 0.4 24.3 36.5#

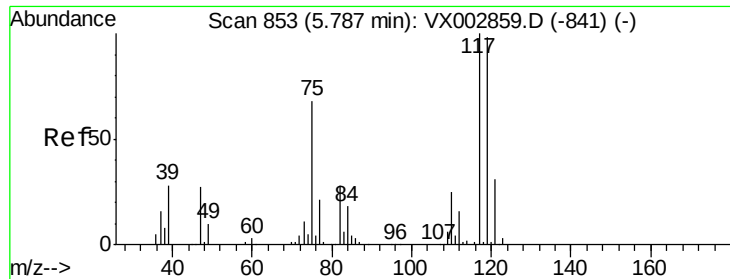


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

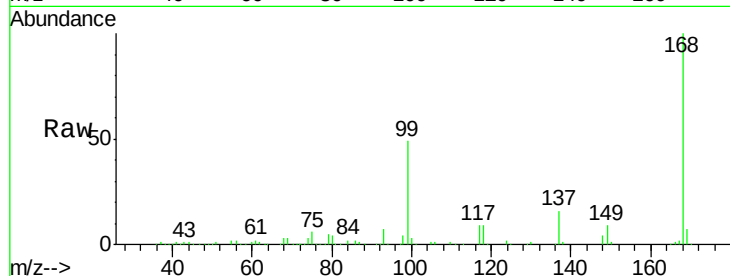




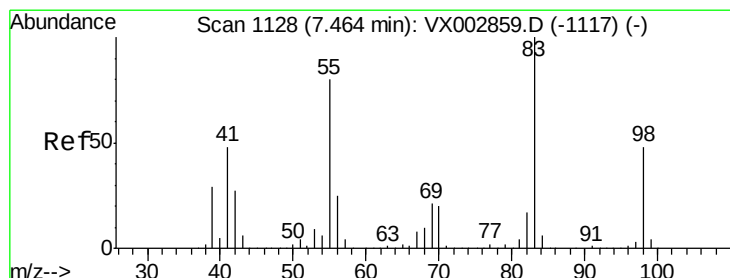
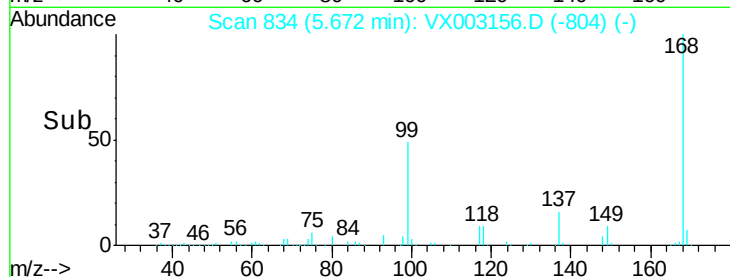
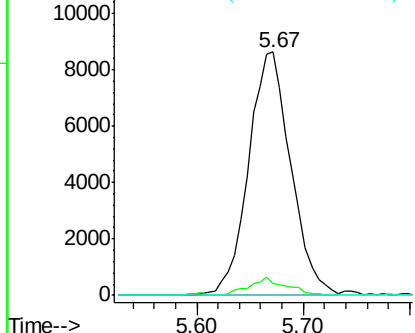
#38
Carbon Tetrachloride
Concen: 5.11 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX003156.D
Acq: 03 Jul 2018 18:33

Instrument :
MSVOA_X
ClientSampleId :
S10-0146

Tot Ion:117 Resp: 23923
Ion Ratio Lower Upper
117 100
119 5.0 77.4 116.0#
121 0.0 24.4 36.6#

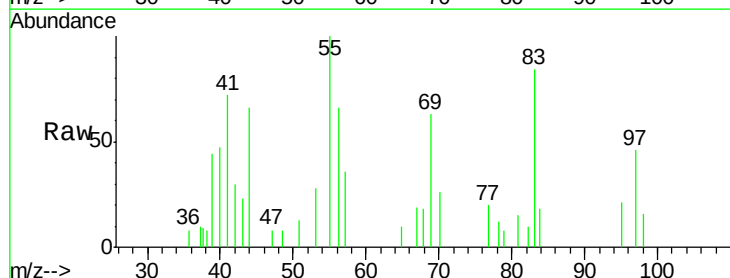


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

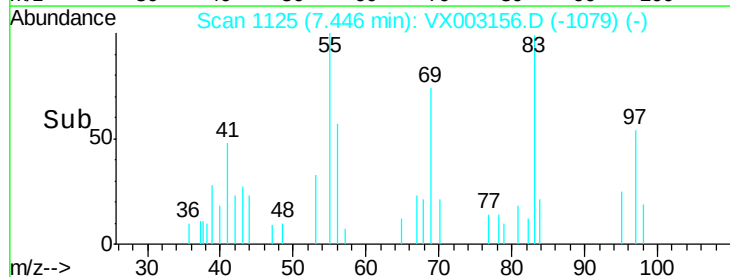
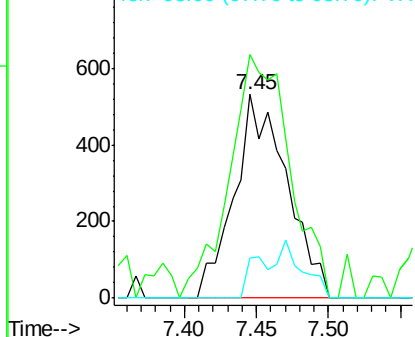


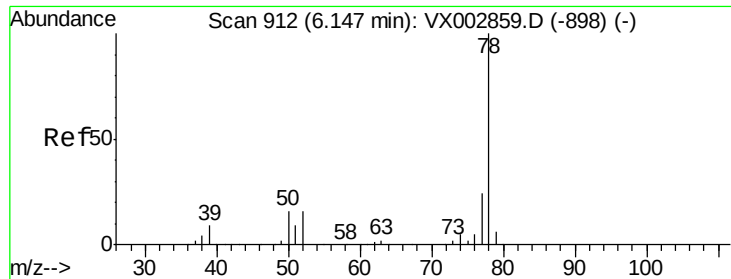
#39
Methylcyclohexane
Concen: 0.27 ug/l
RT: 7.45 min Scan# 1125
Delta R.T. -0.02 min
Lab File: VX003156.D
Acq: 03 Jul 2018 18:33

Tgt Ion: 83 Resp: 1347
Ion Ratio Lower Upper
83 100
55 119.5 65.4 98.0#
98 19.5 37.4 56.0#



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 85.10 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.00 min

Lab File: VX003156.D

Acq: 03 Jul 2018 18:33

Instrument :

MSVOA_X

ClientSampleId :

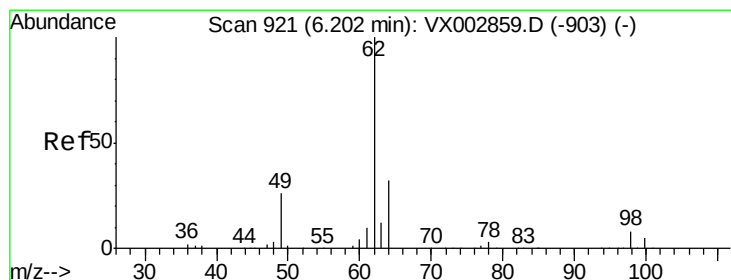
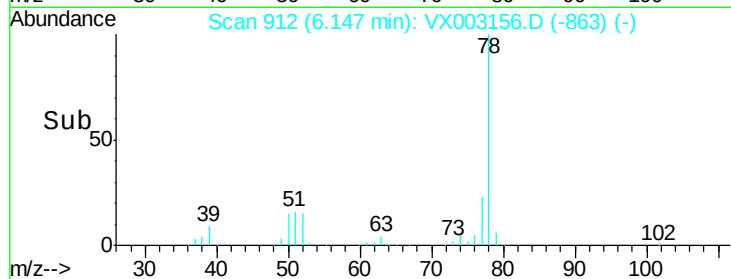
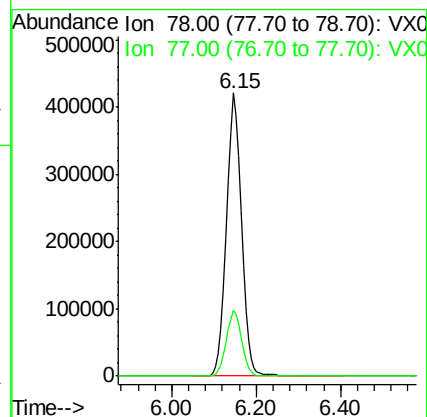
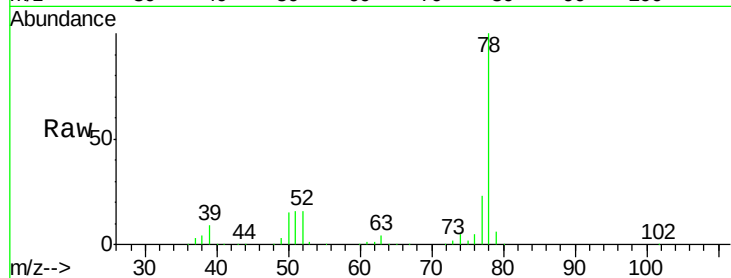
S10-0146

Tot Ion: 78 Resp: 1055068

Ion Ratio Lower Upper

78 100

77 23.0 19.1 28.7



#42

1,2-Dichloroethane

Concen: 1.90 ug/l

RT: 6.14 min Scan# 911

Delta R.T. -0.06 min

Lab File: VX003156.D

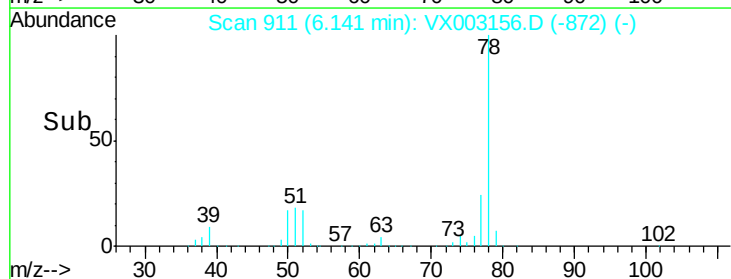
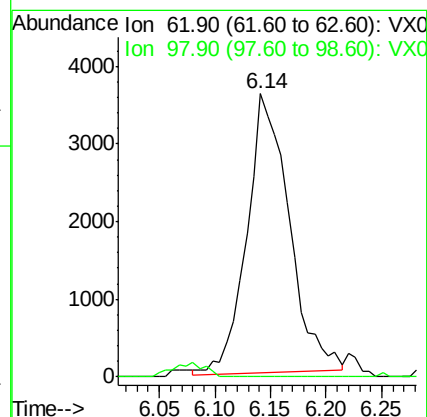
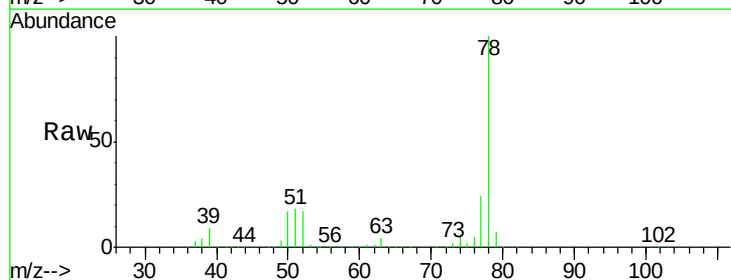
Acq: 03 Jul 2018 18:33

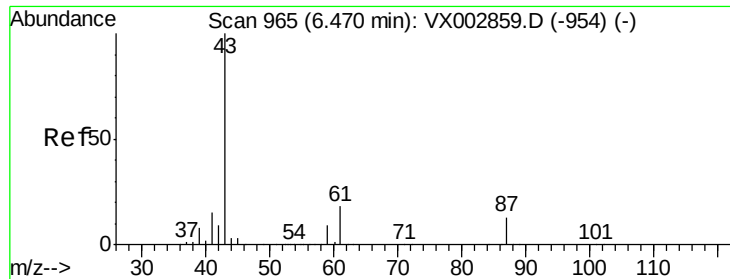
Tgt Ion: 62 Resp: 9525

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.6





#43

Isopropyl Acetate

Concen: 3.16 ug/l

RT: 6.35 min Scan# 945

Delta R.T. -0.12 min

Lab File: VX003156.D

Acq: 03 Jul 2018 18:33

Instrument :

MSVOA_X

ClientSampled :

S10-0146

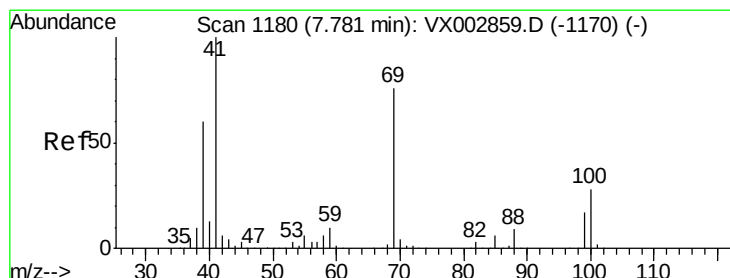
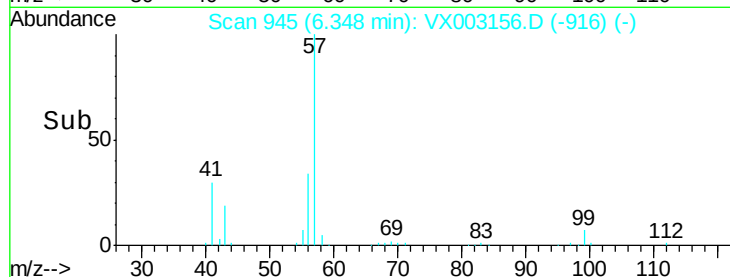
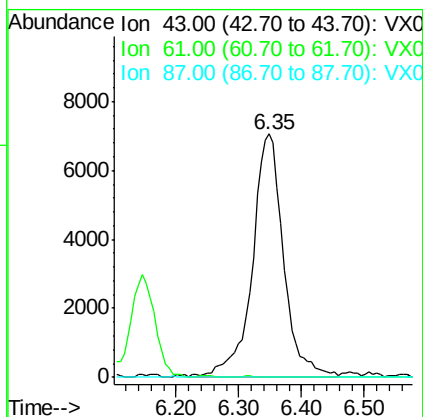
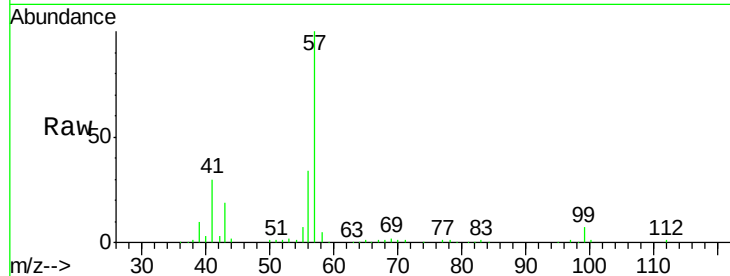
Tot Ion: 43 Resp: 24345

Ion Ratio Lower Upper

43 100

61 0.0 14.4 21.6#

87 0.0 9.5 14.3#



#48

Methyl methacrylate

Concen: 0.51 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX003156.D

Acq: 03 Jul 2018 18:33

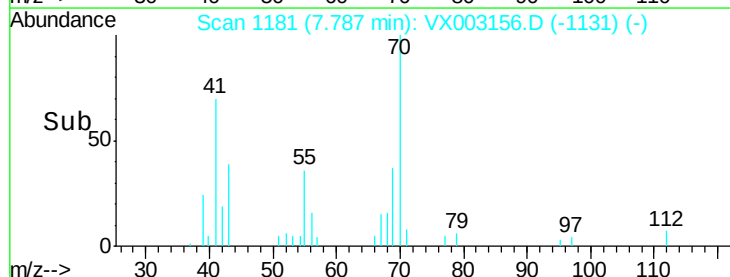
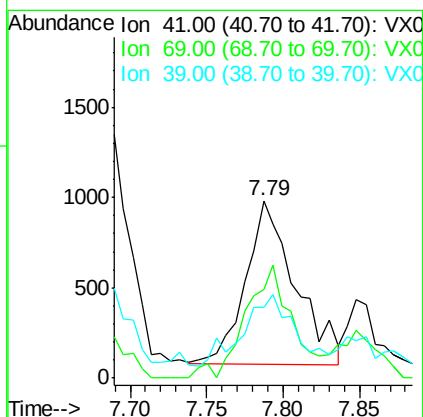
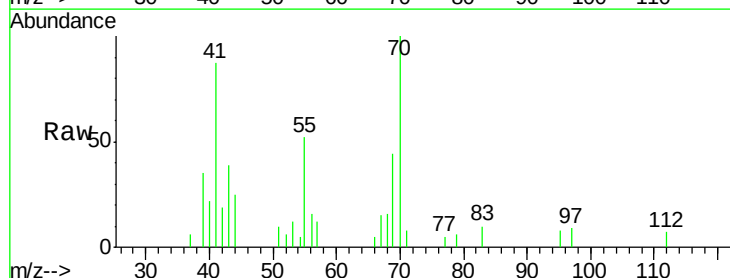
Tgt Ion: 41 Resp: 2037

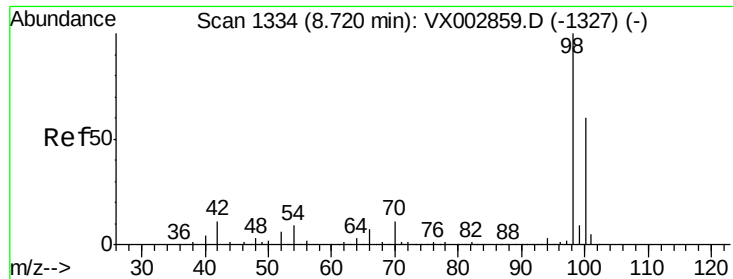
Ion Ratio Lower Upper

41 100

69 64.6 59.1 88.7

39 44.8 48.9 73.3#

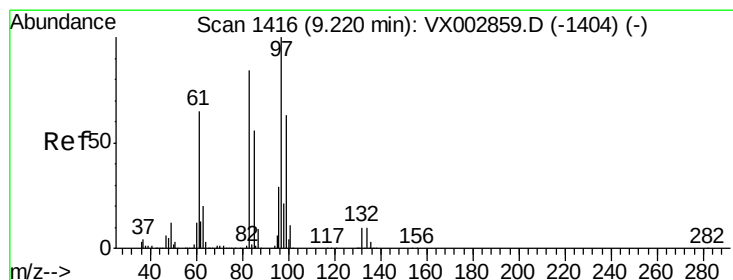
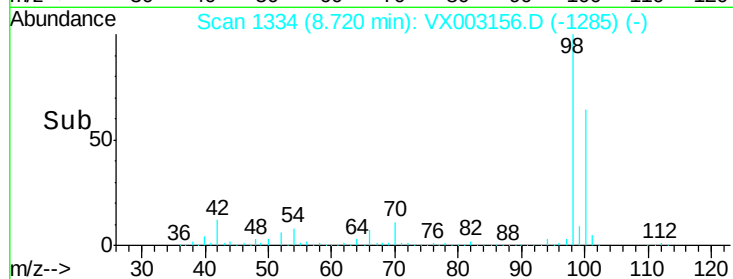
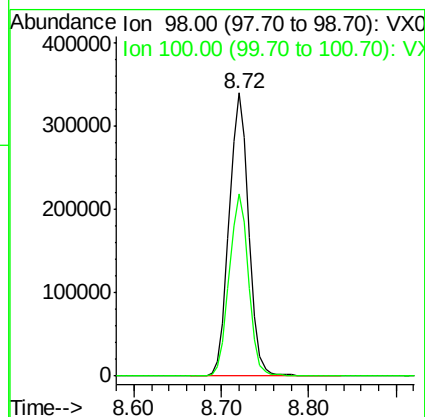
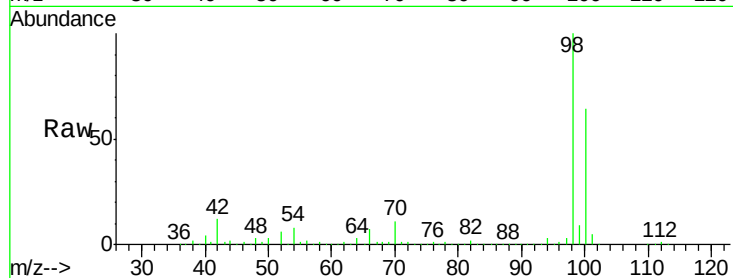




#50
Toluene-d8
Concen: 47.02 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003156.D
Acq: 03 Jul 2018 18:33

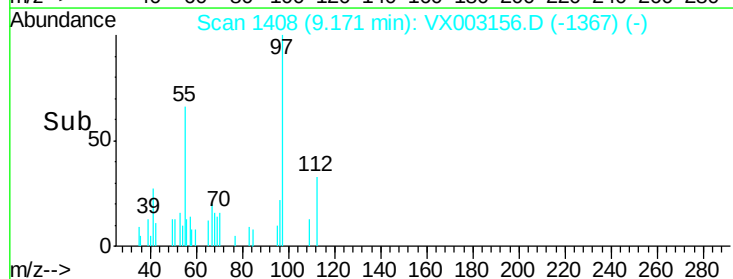
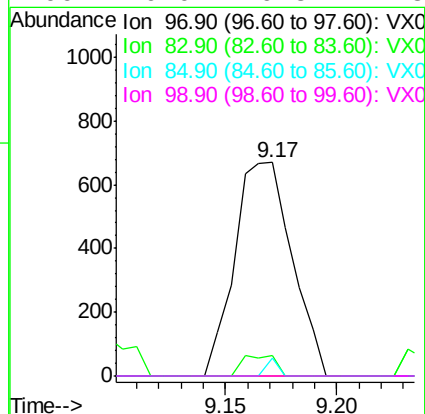
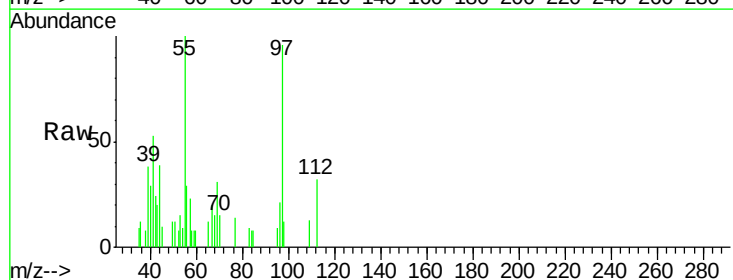
Instrument :
MSVOA_X
ClientSampleId :
S10-0146

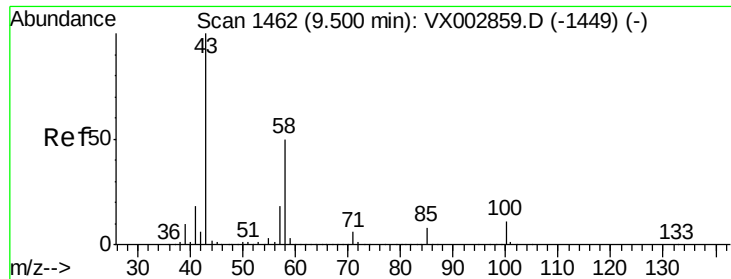
Tot Ion: 98 Resp: 529059
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#55
1,1,2-Trichloroethane
Concen: 0.37 ug/l
RT: 9.17 min Scan# 1408
Delta R.T. -0.05 min
Lab File: VX003156.D
Acq: 03 Jul 2018 18:33

Tgt Ion: 97 Resp: 1201
Ion Ratio Lower Upper
97 100
83 9.4 70.2 105.2#
85 8.2 44.9 67.3#
99 0.0 49.8 74.8#

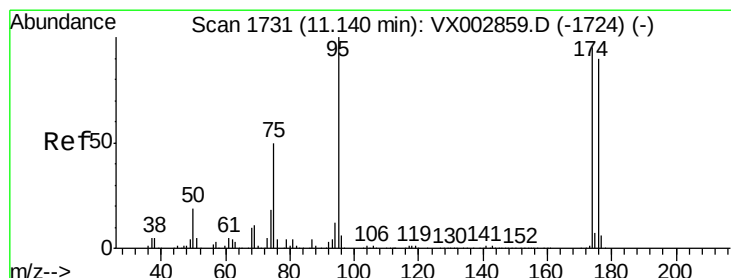
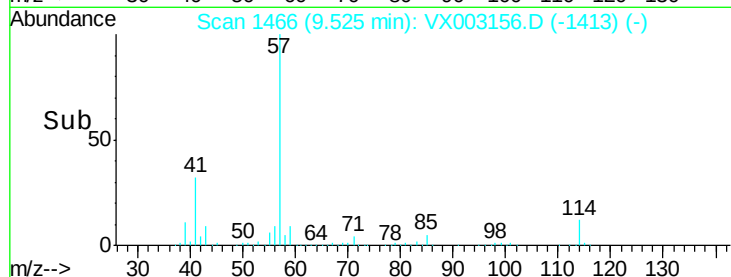
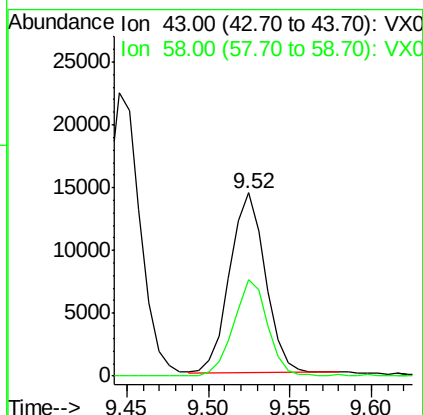
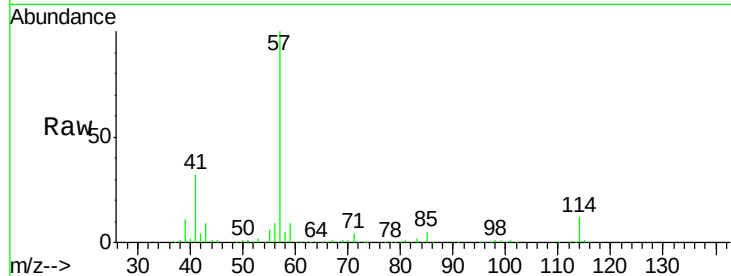




#59
2-Hexanone
Concen: 5.95 ug/l
RT: 9.52 min Scan# 1466
Delta R.T. 0.02 min
Lab File: VX003156.D
Acq: 03 Jul 2018 18:33

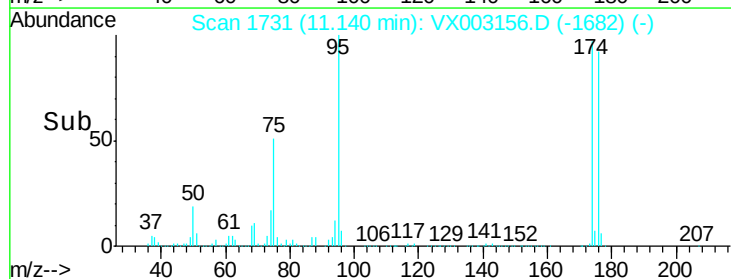
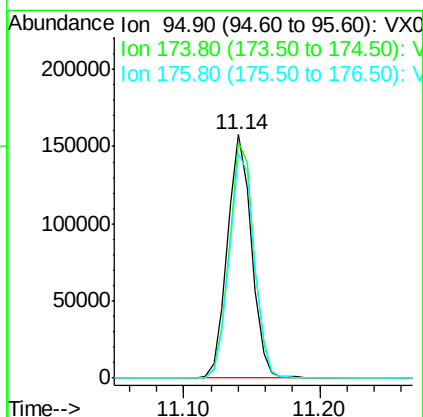
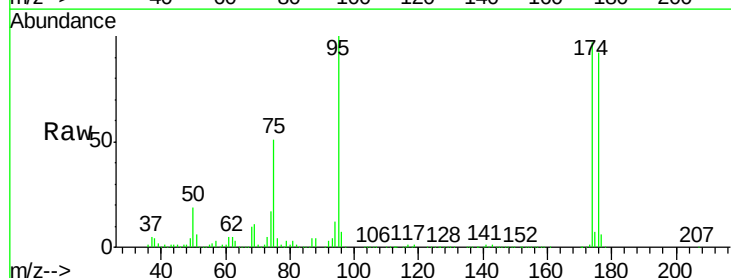
Instrument :
MSVOA_X
ClientSampled :
S10-0146

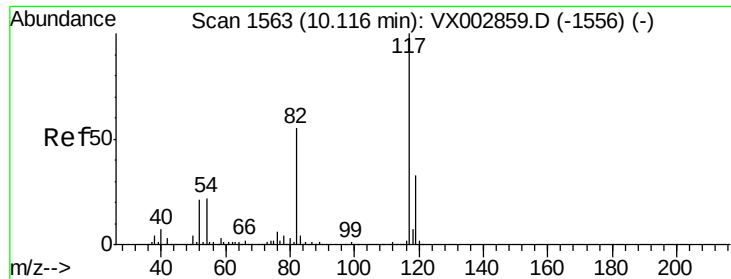
Tot Ion: 43 Resp: 21795
Ion Ratio Lower Upper
43 100
58 51.8 24.6 73.6



#62
4-Bromofluorobenzene
Concen: 44.66 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003156.D
Acq: 03 Jul 2018 18:33

Tgt Ion: 95 Resp: 193804
Ion Ratio Lower Upper
95 100
174 99.8 0.0 187.4
176 95.6 0.0 181.0

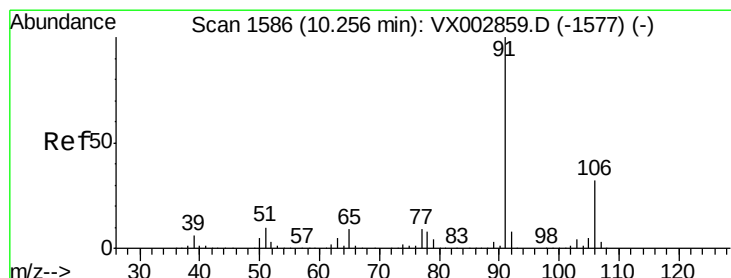
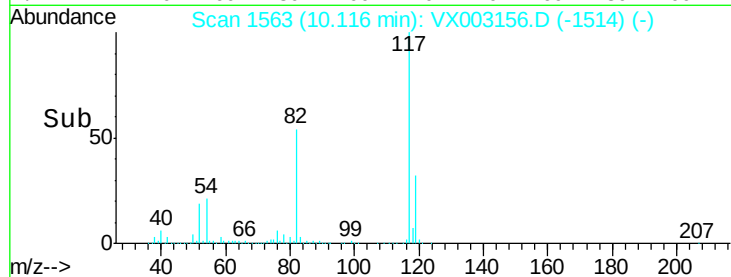
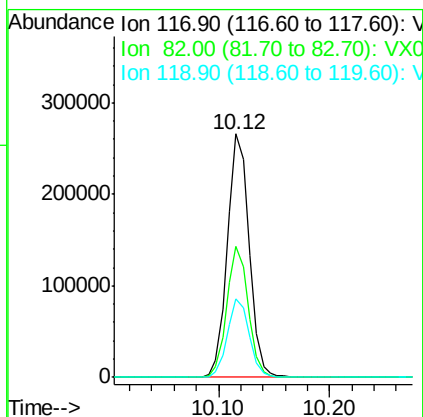
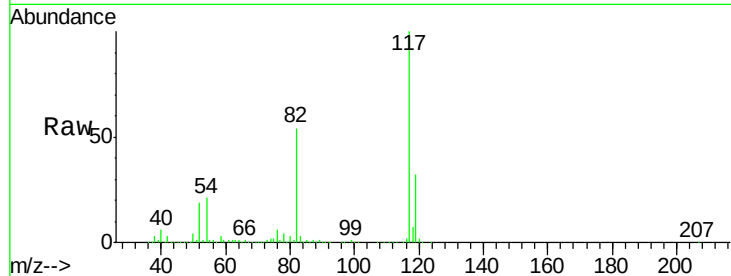




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003156.D
Acq: 03 Jul 2018 18:33

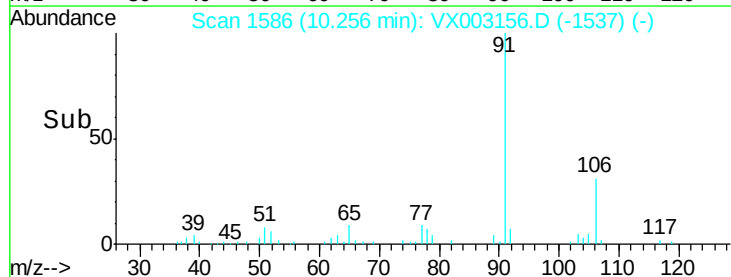
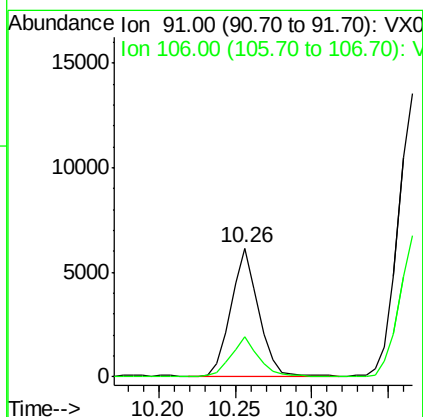
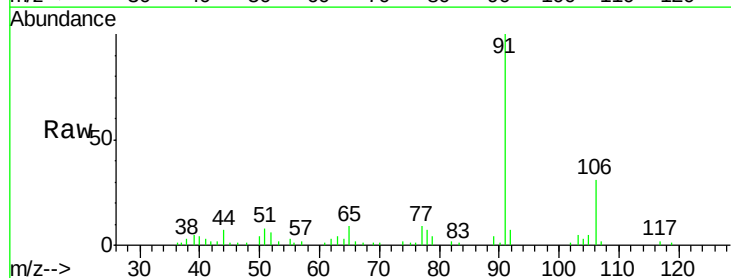
Instrument :
MSVOA_X
ClientSampleId :
S10-0146

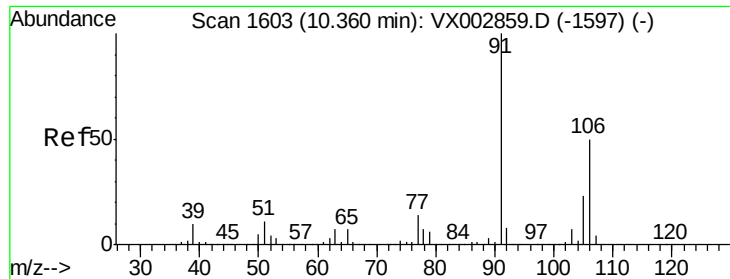
Tot Ion:117 Resp: 360591
Ion Ratio Lower Upper
117 100
82 53.7 45.0 67.4
119 32.5 25.8 38.6



#67
Ethyl Benzene
Concen: 0.51 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003156.D
Acq: 03 Jul 2018 18:33

Tgt Ion: 91 Resp: 7758
Ion Ratio Lower Upper
91 100
106 30.8 25.5 38.3

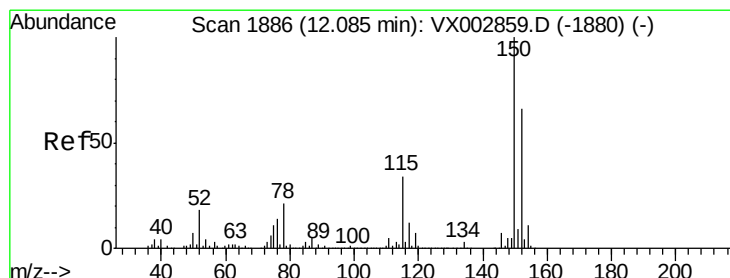
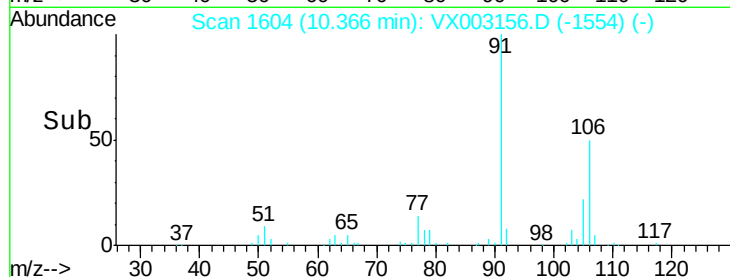
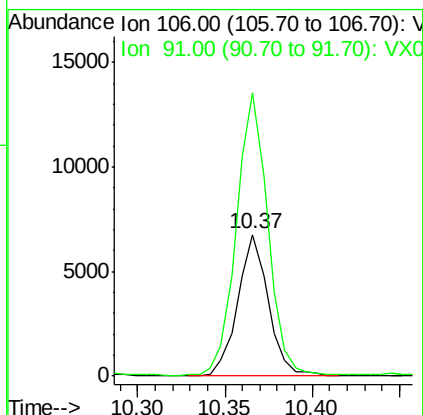
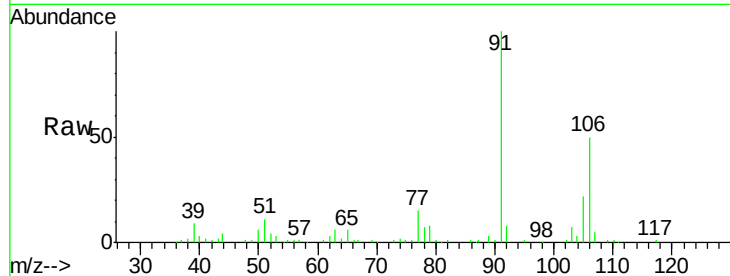




#68
m/p-Xvlenes
Concen: 1.42 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003156.D
Acq: 03 Jul 2018 18:33

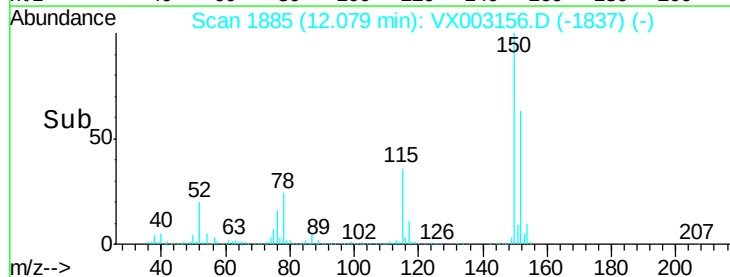
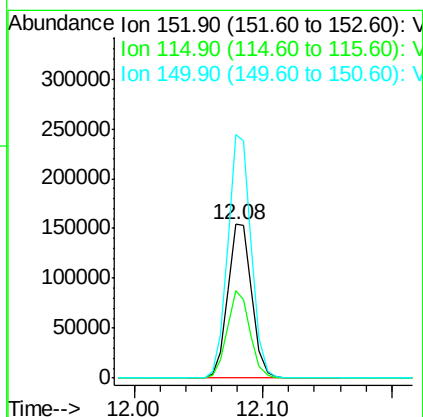
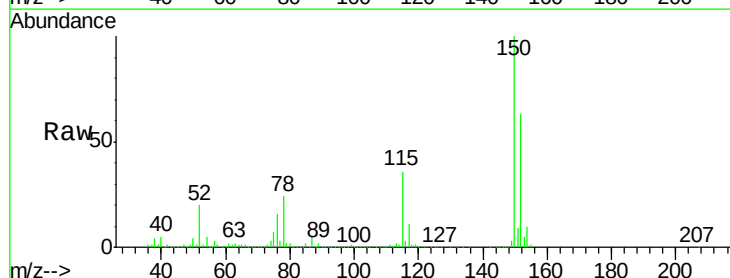
Instrument :
MSVOA_X
ClientSampled :
S10-0146

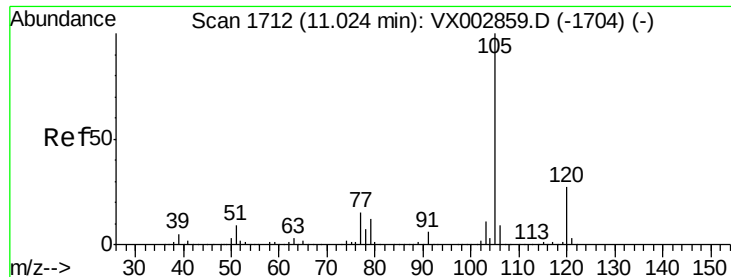
Tot Ion:106 Resp: 8269
Ion Ratio Lower Upper
106 100
91 206.8 163.4 245.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003156.D
Acq: 03 Jul 2018 18:33

Tgt Ion:152 Resp: 201653
Ion Ratio Lower Upper
152 100
115 54.1 40.1 120.2
150 155.0 0.0 347.2





#73

Isopropylbenzene

Concen: 8.51 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003156.D

Acq: 03 Jul 2018 18:33

Instrument :

MSVOA_X

ClientSampleId :

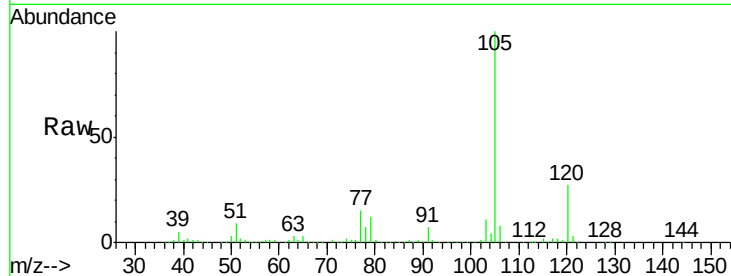
S10-0146

Tot Ion:105 Resp: 115471

Ion Ratio Lower Upper

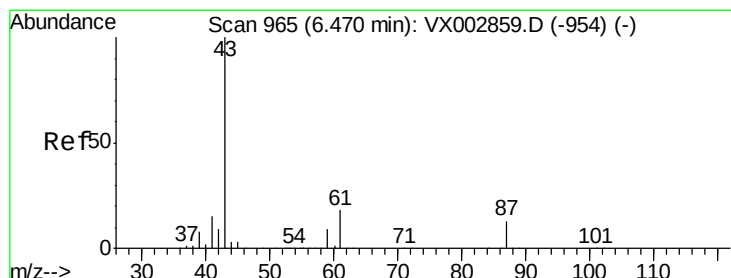
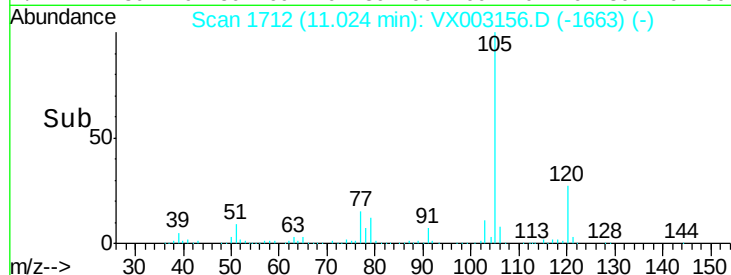
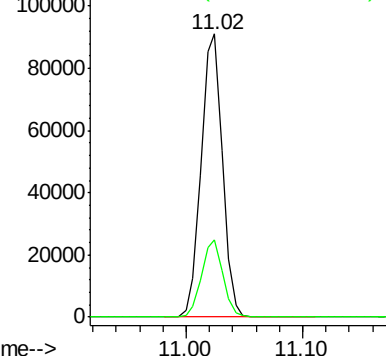
105 100

120 27.0 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-ethyl acetate

Concen: 3.67 ug/l

RT: 6.35 min Scan# 945

Delta R.T. -0.12 min

Lab File: VX003156.D

Acq: 03 Jul 2018 18:33

Tgt Ion: 43 Resp: 24345

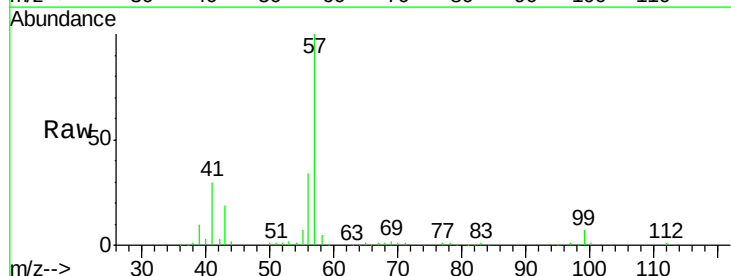
Ion Ratio Lower Upper

43 100

70 3.2 0.0 0.0#

55 42.3 0.0 0.0#

61 0.0 14.4 21.6#

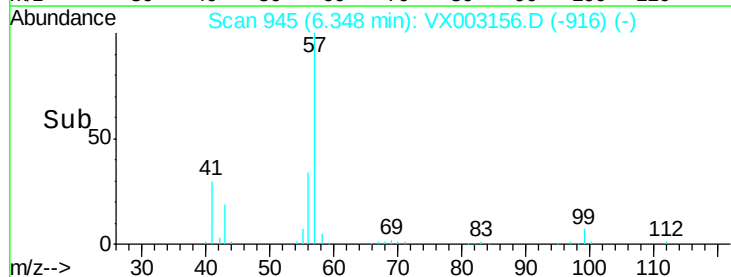
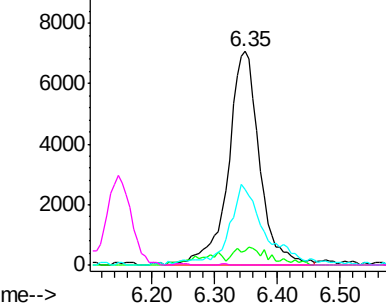


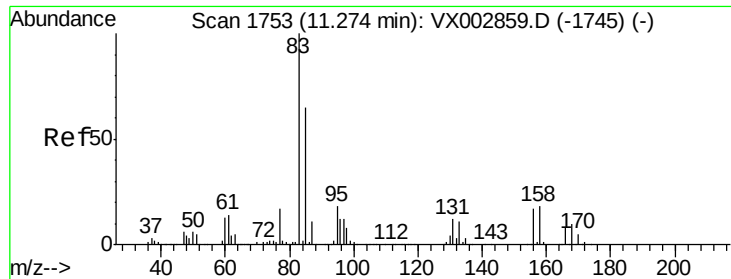
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 0.71 ug/l

RT: 11.22 min Scan# 1744

Delta R.T. -0.05 min

Lab File: VX003156.D

Acq: 03 Jul 2018 18:33

Instrument :

MSVOA_X

ClientSampleId :

S10-0146

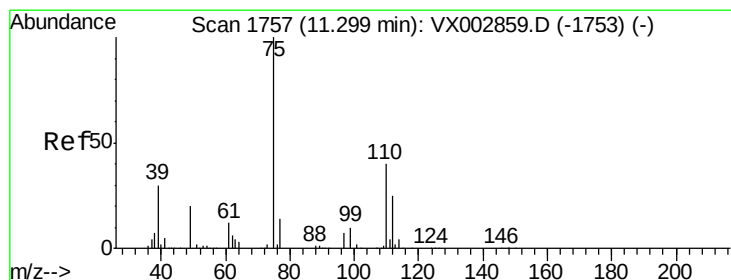
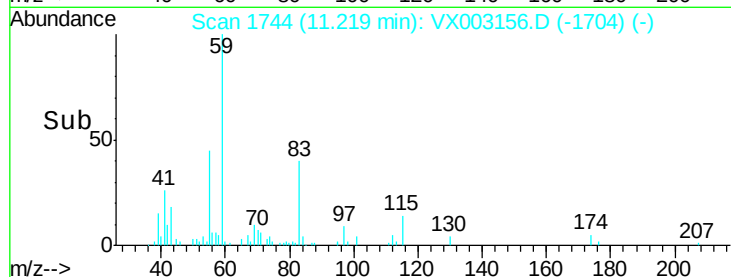
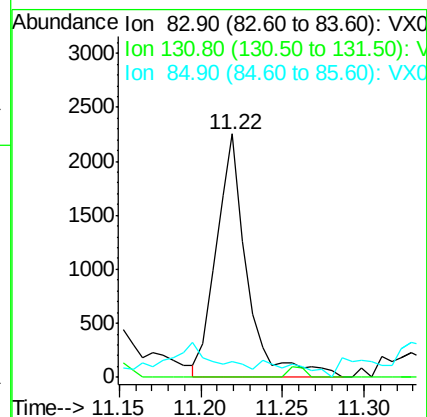
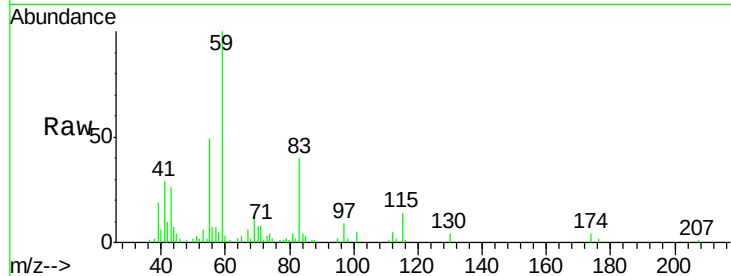
Tot Ion: 83 Resp: 2952

Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

85 9.1 32.4 97.2#



#76

1,2,3-Trichloropropane

Concen: 26.70 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003156.D

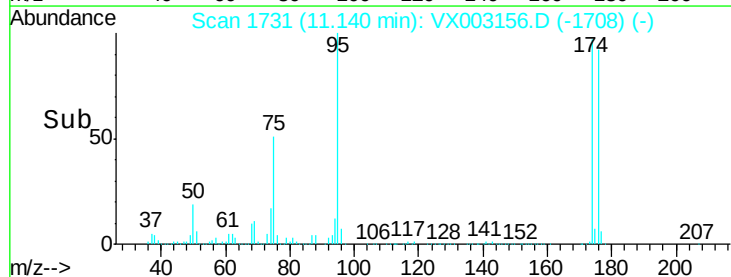
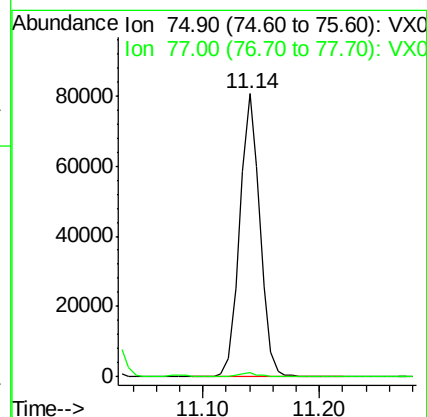
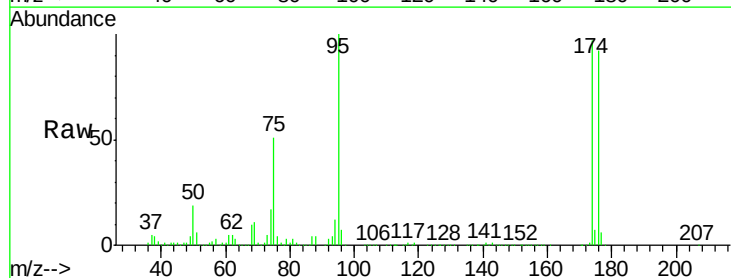
Acq: 03 Jul 2018 18:33

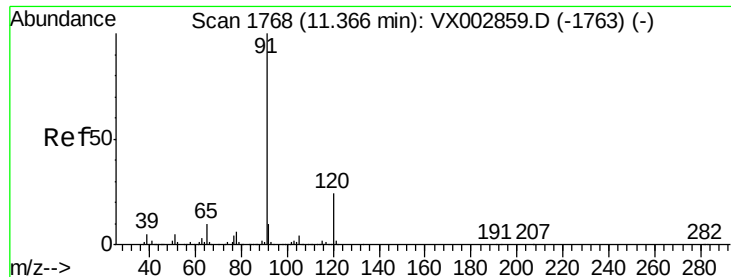
Tgt Ion: 75 Resp: 97530

Ion Ratio Lower Upper

75 100

77 1.6 22.8 68.3#





#78

n-propylbenzene

Concen: 4.51 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003156.D

Acq: 03 Jul 2018 18:33

Instrument :

MSVOA_X

ClientSampled :

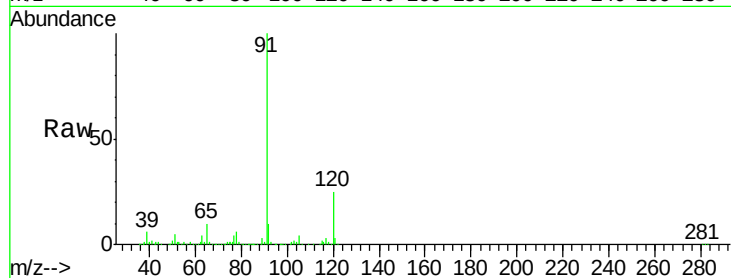
S10-0146

Tot Ion: 91 Resp: 69666

Ion Ratio Lower Upper

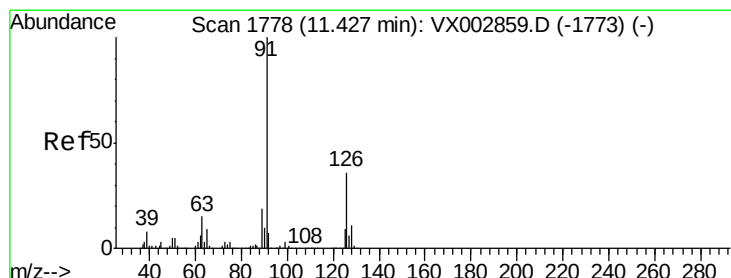
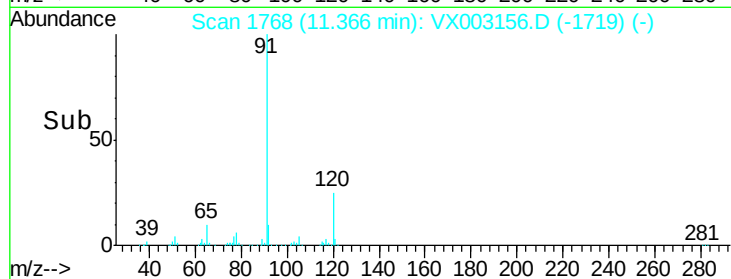
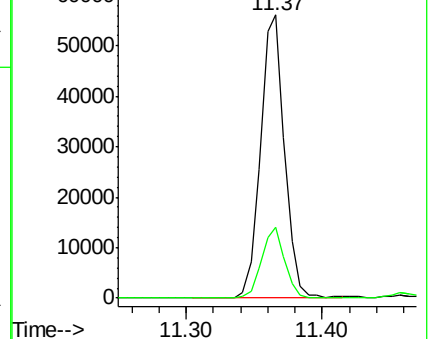
91 100

120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 7.45 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.06 min

Lab File: VX003156.D

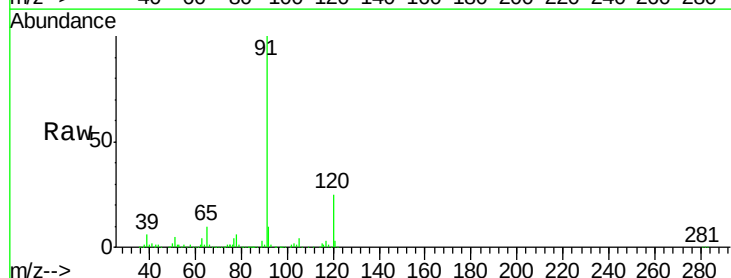
Acq: 03 Jul 2018 18:33

Tgt Ion: 91 Resp: 69666

Ion Ratio Lower Upper

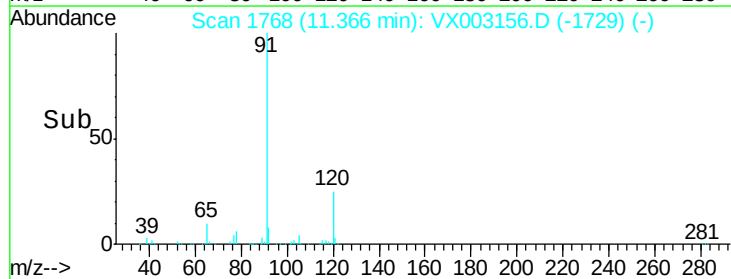
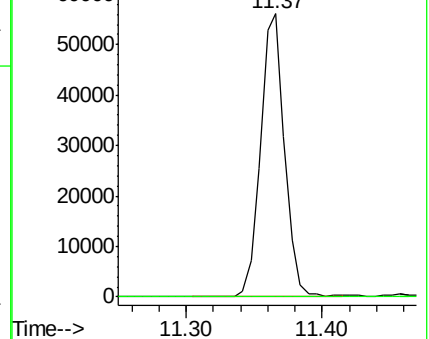
91 100

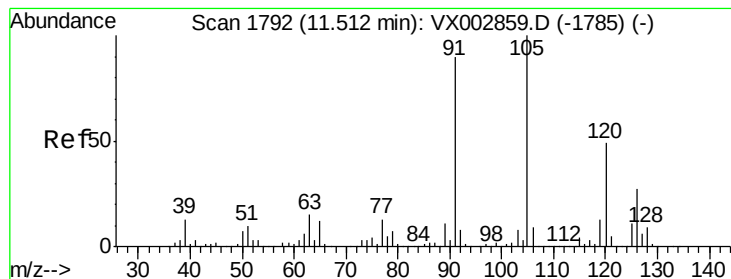
126 0.0 17.7 53.1#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 0.26 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003156.D

Acq: 03 Jul 2018 18:33

Instrument :

MSVOA_X

ClientSampled :

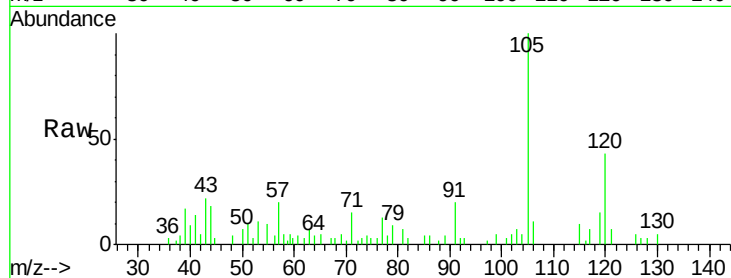
S10-0146

Tot Ion:105 Resp: 3019

Ion Ratio Lower Upper

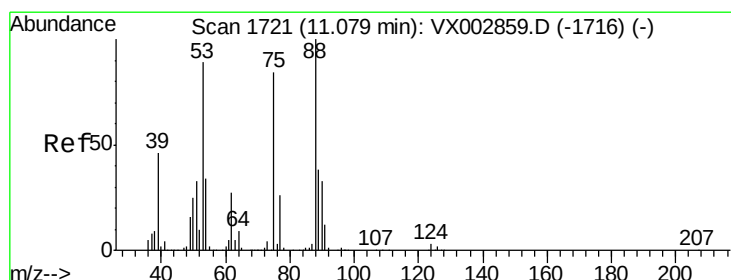
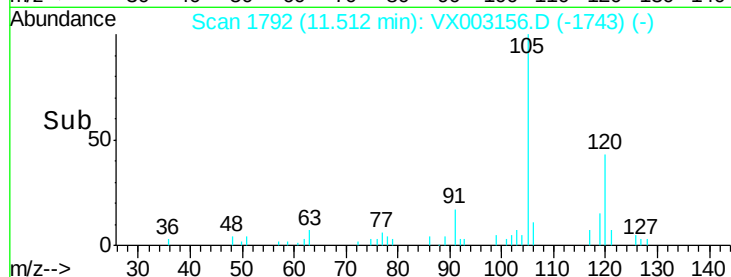
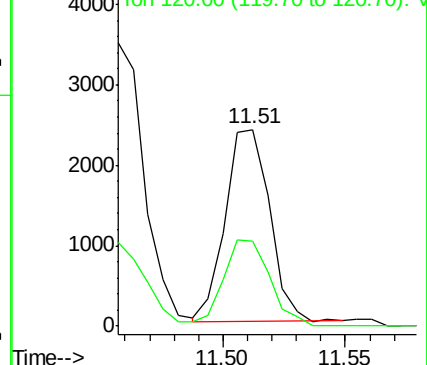
105 100

120 46.7 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 75.62 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003156.D

Acq: 03 Jul 2018 18:33

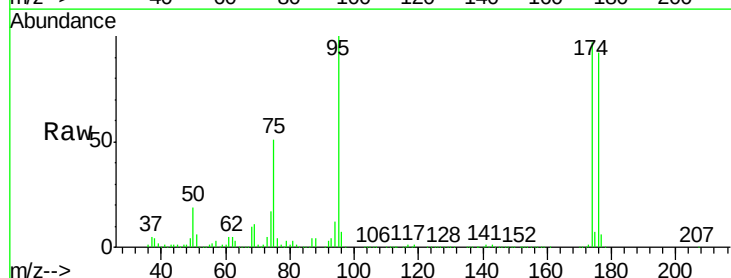
Tgt Ion: 75 Resp: 97530

Ion Ratio Lower Upper

75 100

53 1.1 86.8 130.2#

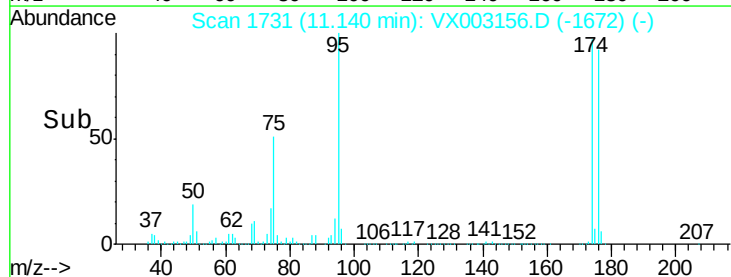
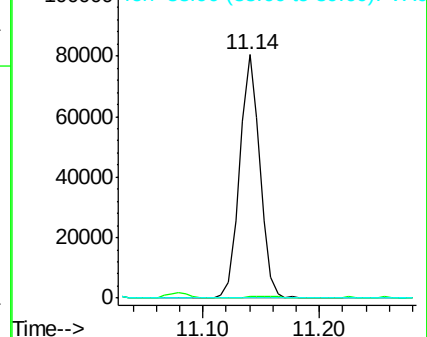
89 0.0 38.2 57.2#

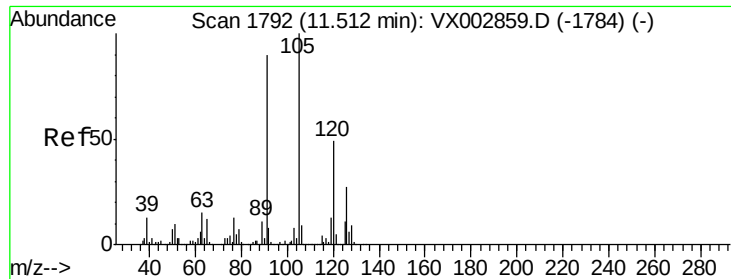


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

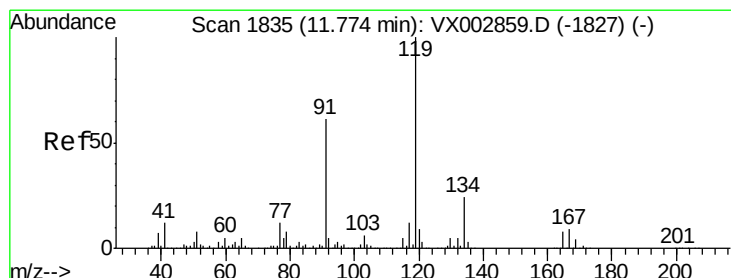
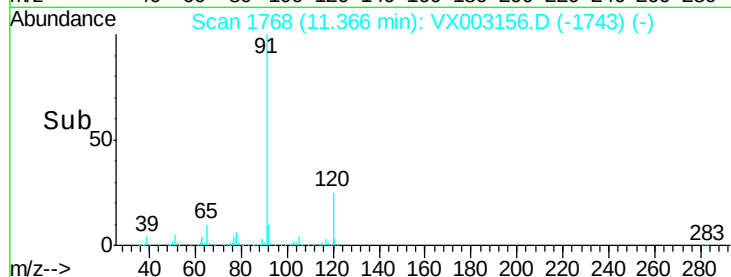
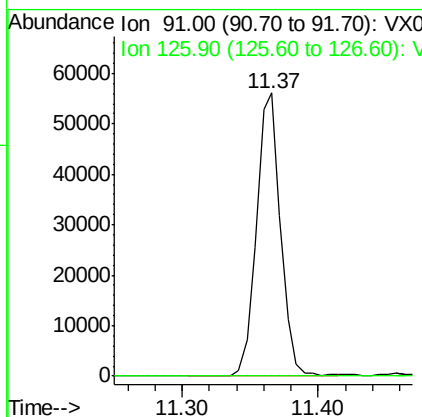
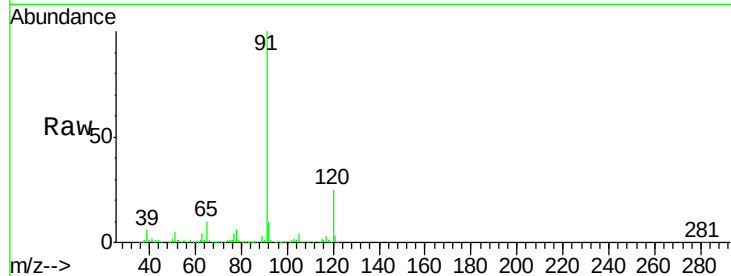




#82
4-Chlorotoluene
Concen: 6.29 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.15 min
Lab File: VX003156.D
Acq: 03 Jul 2018 18:33

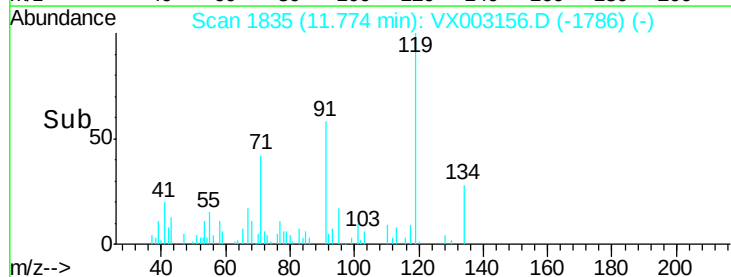
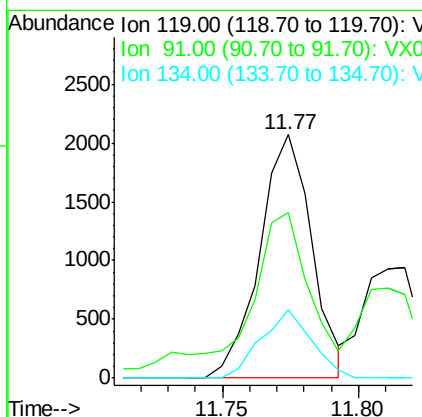
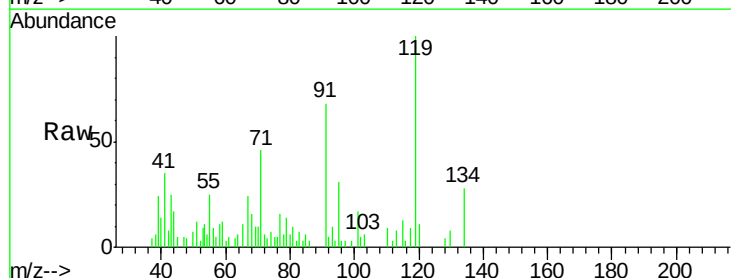
Instrument :
MSVOA_X
ClientSampleId :
S10-0146

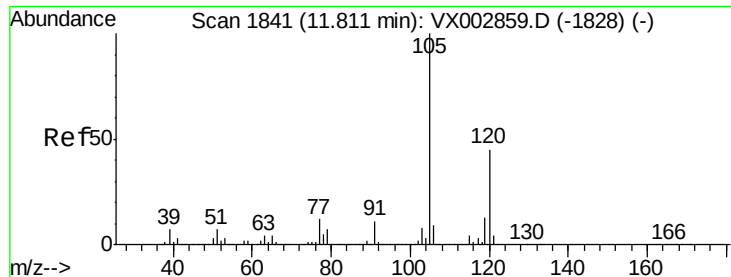
Tot Ion: 91 Resp: 69666
Ion Ratio Lower Upper
91 100
126 0.0 15.4 46.4#



#83
tert-Butylbenzene
Concen: 0.24 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX003156.D
Acq: 03 Jul 2018 18:33

Tgt Ion: 119 Resp: 2752
Ion Ratio Lower Upper
119 100
91 76.2 30.3 90.9
134 27.2 11.7 35.1

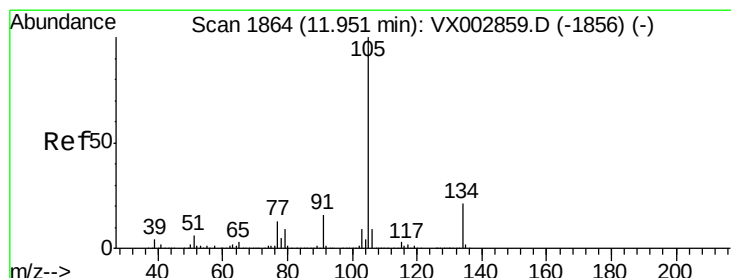
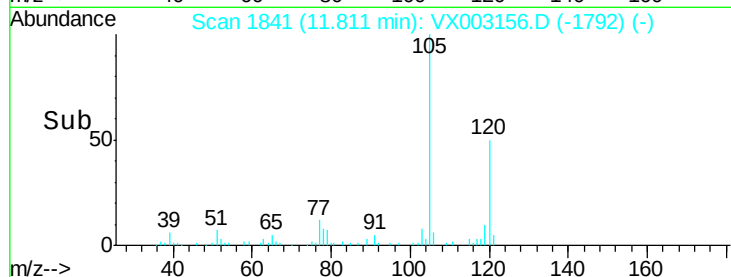
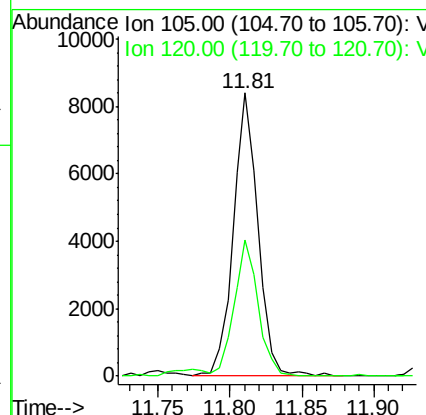
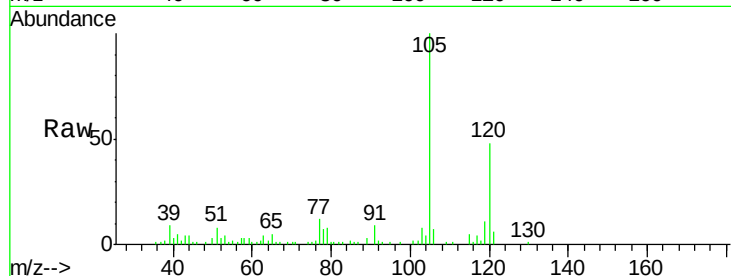




#84
 1,2,4-Trimethylbenzene
 Concen: 0.85 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003156.D
 Acq: 03 Jul 2018 18:33

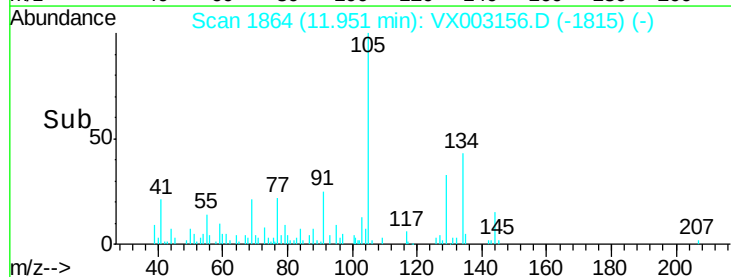
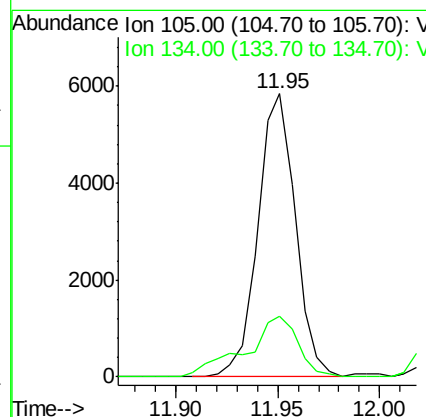
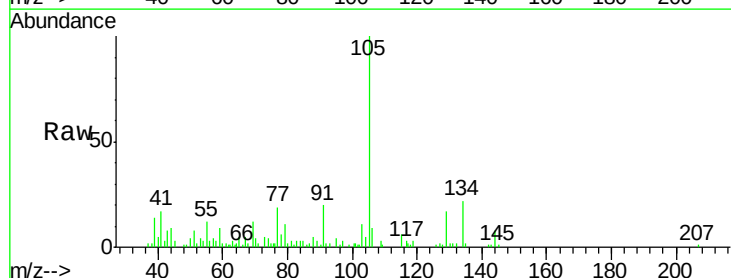
Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0146

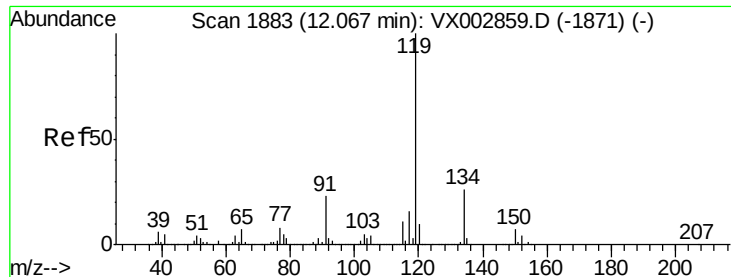
Tot Ion:105 Resp: 10101
 Ion Ratio Lower Upper
 105 100
 120 46.8 22.3 66.8



#85
 sec-Butylbenzene
 Concen: 0.55 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003156.D
 Acq: 03 Jul 2018 18:33

Tgt Ion:105 Resp: 7474
 Ion Ratio Lower Upper
 105 100
 134 30.0 10.4 31.1

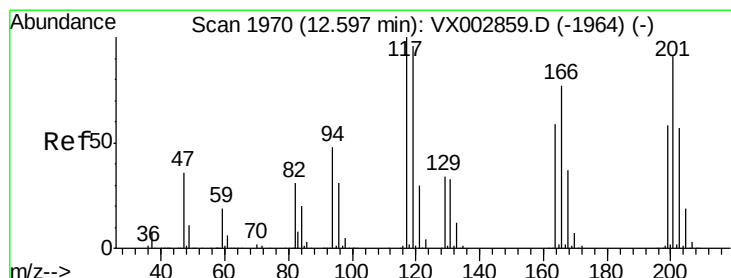
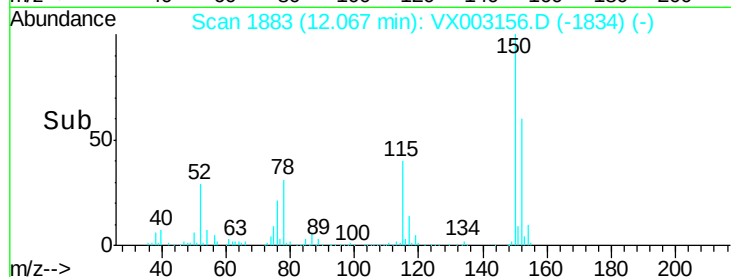
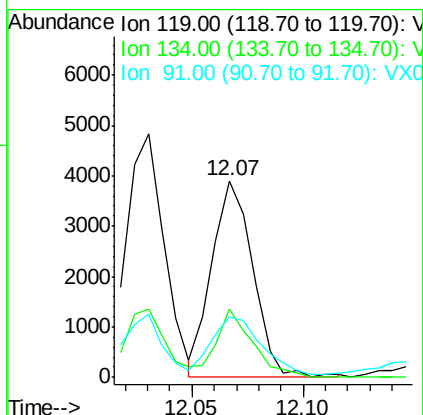
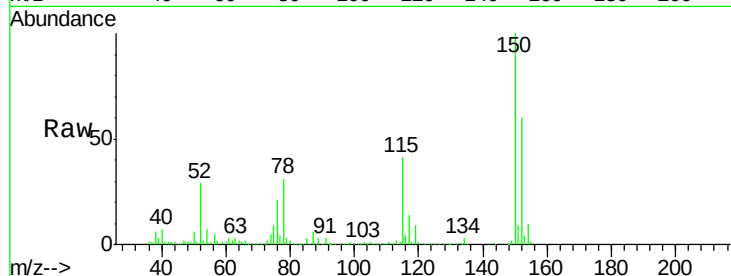




#86
 p-Isopropyltoluene
 Concen: 0.41 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX003156.D
 Acq: 03 Jul 2018 18:33

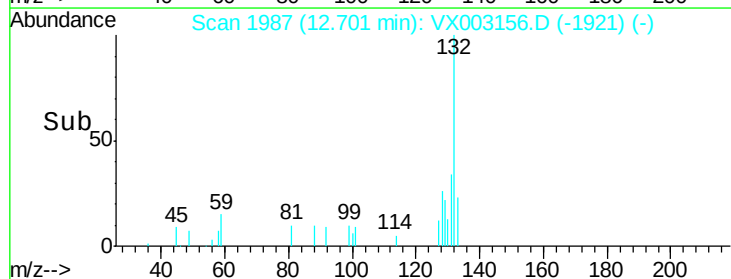
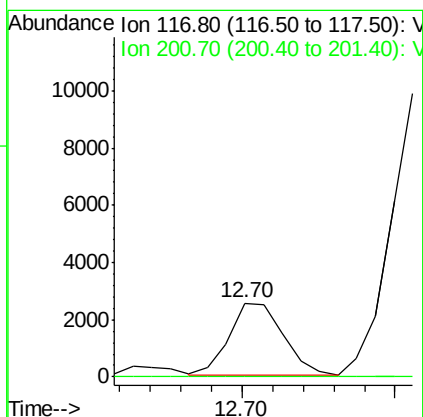
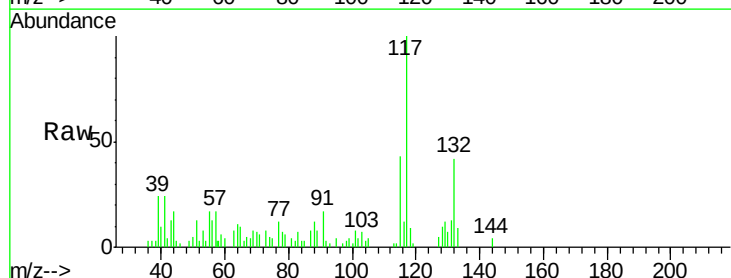
Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0146

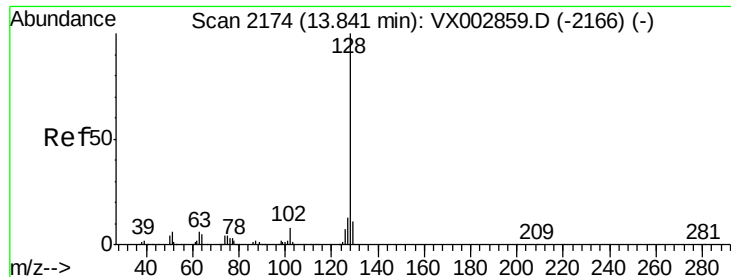
Tot Ion:119 Resp: 5012
 Ion Ratio Lower Upper
 119 100
 134 30.9 13.4 40.1
 91 34.7 11.9 35.7



#90
 Hexachloroethane
 Concen: 1.65 ug/l
 RT: 12.70 min Scan# 1987
 Delta R.T. 0.10 min
 Lab File: VX003156.D
 Acq: 03 Jul 2018 18:33

Tgt Ion:117 Resp: 3015
 Ion Ratio Lower Upper
 117 100
 201 0.0 49.0 147.0#





#95
Naphthalene
Concen: 1.88 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX003156.D
Acq: 03 Jul 2018 18:33

Instrument :
MSVOA_X
ClientSampleId :
S10-0146

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	11.3	8.6	13.0

