

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003753.D
 Acq On : 31 Jul 2018 16:34
 Operator : JC/SP
 Sample : J4121-04
 Misc : 13.19G/5.0mL/MSVOA X/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-8(10-12)

Quant Time: Aug 01 01:28:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	94984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	154911	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	139221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	61499	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	60813	63.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.60%	
35) Dibromofluoromethane	5.51	113	53090	58.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.40%	
50) Toluene-d8	8.72	98	186340	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
62) 4-Bromofluorobenzene	11.14	95	60783	43.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.70%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	256	0.25	ug/l	90
5) Bromomethane	1.64	94	103	Below	Cal #	66
6) Chloroethane	1.85	64	485	0.68	ug/l #	49
11) Tert butyl alcohol	3.03	59	6375	40.98	ug/l #	73
13) Acrolein	2.29	56	98	1.93	ug/l #	11
14) Allyl chloride	2.71	41	338	0.22	ug/l #	48
16) Acetone	2.45	43	24236	66.05	ug/l	97
17) Carbon Disulfide	2.56	76	6045	2.19	ug/l #	91
18) Methyl Acetate	2.78	43	482	0.47	ug/l #	60
20) Methylene Chloride	2.85	84	3902	0.91	ug/l	97
25) 2-Butanone	4.70	43	6227	11.64	ug/l	98
26) 2,2-Dichloropropane	4.73	77	1112	0.89	ug/l #	51
30) Chloroform	5.23	83	479	0.31	ug/l	98
31) Cyclohexane	5.59	56	789	0.52	ug/l	90
36) 1,1-Dichloropropene	5.66	75	7087	4.89	ug/l #	49
37) Ethyl Acetate	4.70	43	6227	5.59	ug/l #	68
38) Carbon Tetrachloride	5.66	117	9006	6.71	ug/l #	17
39) Methylcyclohexane	7.46	83	1632	0.92	ug/l	92
40) Benzene	6.14	78	12409	2.98	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	257	0.24	ug/l #	35
52) Toluene	8.79	92	1615	0.62	ug/l	95
67) Ethyl Benzene	10.26	91	1603	0.33	ug/l	99
68) m/p-Xylenes	10.36	106	1614	0.84	ug/l	99
69) o-Xylene	10.70	106	1734	0.97	ug/l	91
70) Styrene	10.71	104	757	0.25	ug/l #	66
73) Isopropylbenzene	11.02	105	2185	0.57	ug/l	96
76) 1,2,3-Trichloropropane	11.14	75	31222	36.83	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.46	105	2189	0.67	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	31222	109.10	ug/l #	11
84) 1,2,4-Trimethylbenzene	11.81	105	2257	0.67	ug/l	89
85) sec-Butylbenzene	11.81	105	2257	0.54	ug/l #	56
89) n-Butylbenzene	12.38	91	1443	0.40	ug/l #	26
90) Hexachloroethane	12.76	117	6048	10.78	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	12.82	75	144	0.73	ug/l #	1

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QLast Update : Tue Jul 31 11:17:41 2018
Response via : Initial Calibration

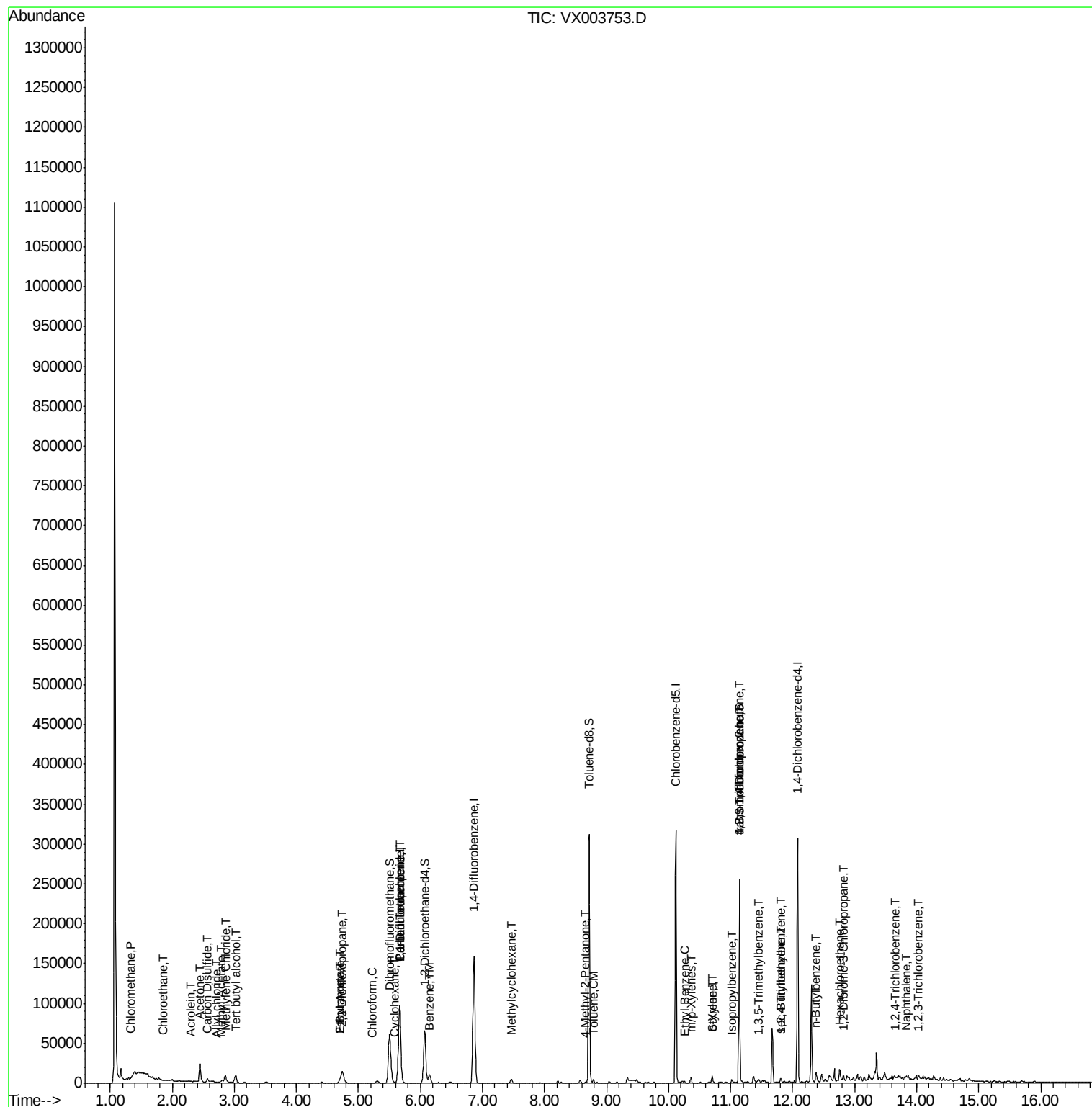
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	392	0.26	ug/l #	36
95) Naphthalene	13.83	128	3395	1.06	ug/l #	78
96) 1,2,3-Trichlorobenzene	14.02	180	388	0.28	ug/l #	1

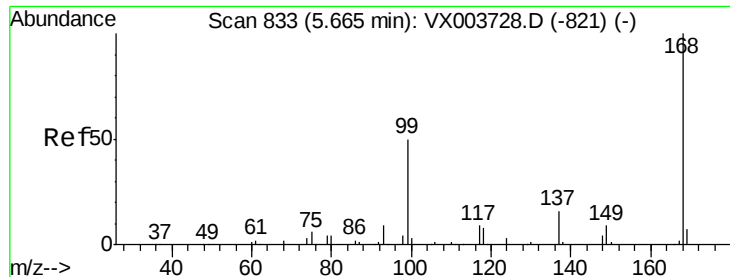
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003753.D

Acq: 31 Jul 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

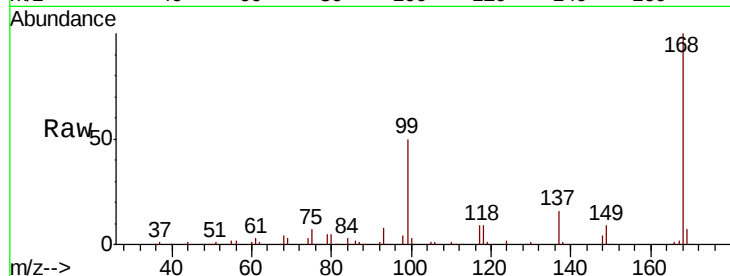
SB-8(10-12)

Tot Ion:168 Resp: 94984

Ion Ratio Lower Upper

168 100

99 49.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

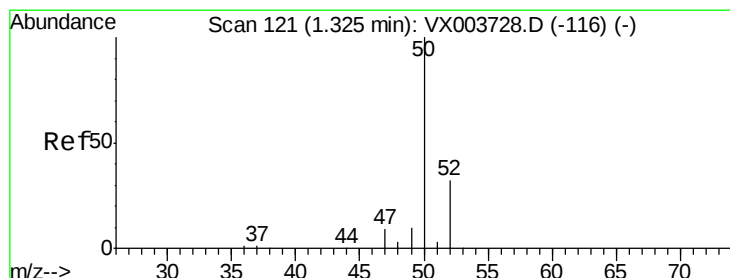
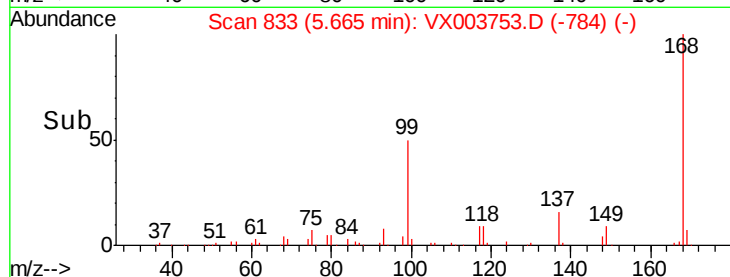
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.25 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003753.D

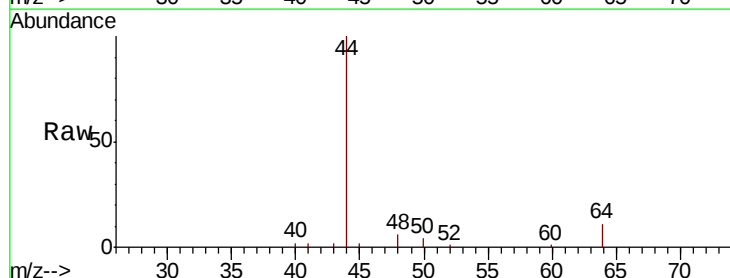
Acq: 31 Jul 2018 16:34

Tgt Ion: 50 Resp: 256

Ion Ratio Lower Upper

50 100

52 38.1 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

200

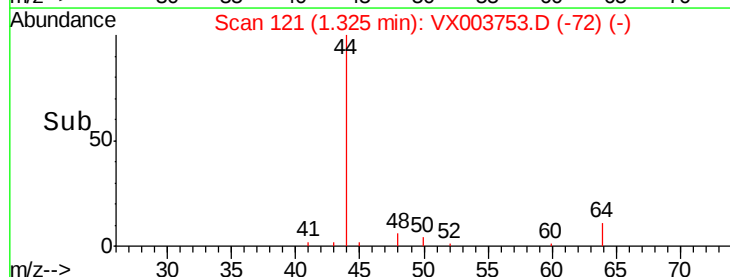
150

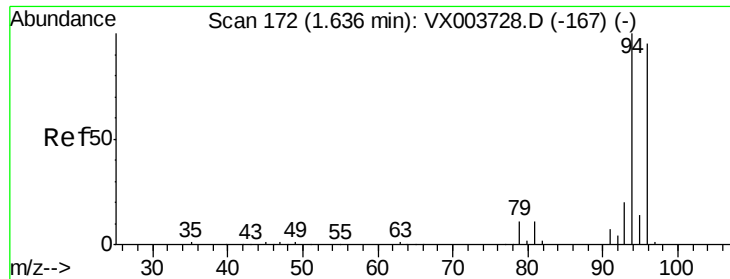
100

50

0

Time--> 1.28 1.30 1.32 1.34 1.36





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX003753.D

Acq: 31 Jul 2018 16:34

Instrument :

MSVOA_X

ClientSampled :

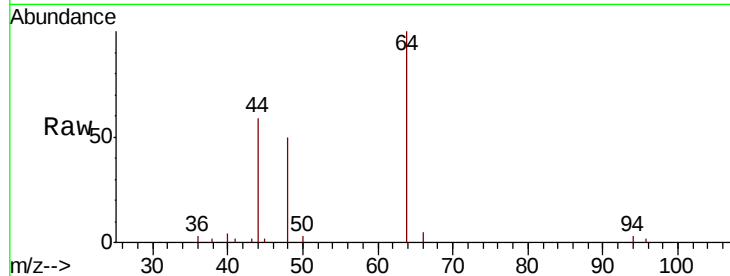
SB-8(10-12)

Tot Ion: 94 Resp: 103

Ion Ratio Lower Upper

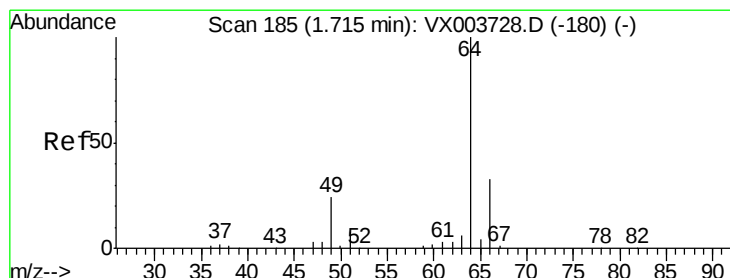
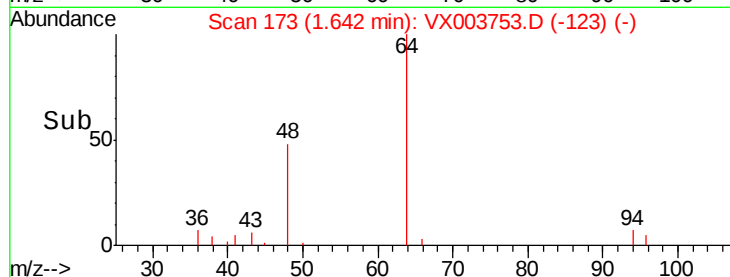
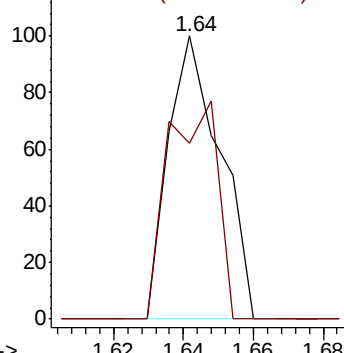
94 100

96 62.0 76.0 114.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.68 ug/l

RT: 1.85 min Scan# 207

Delta R.T. 0.14 min

Lab File: VX003753.D

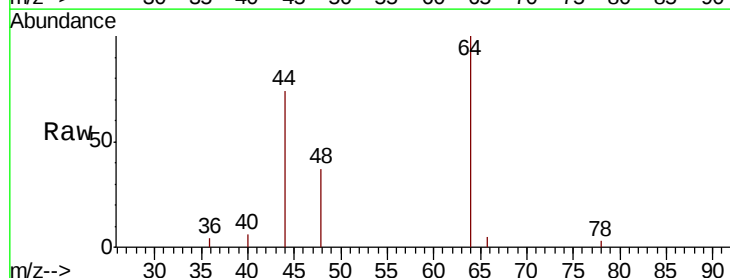
Acq: 31 Jul 2018 16:34

Tgt Ion: 64 Resp: 485

Ion Ratio Lower Upper

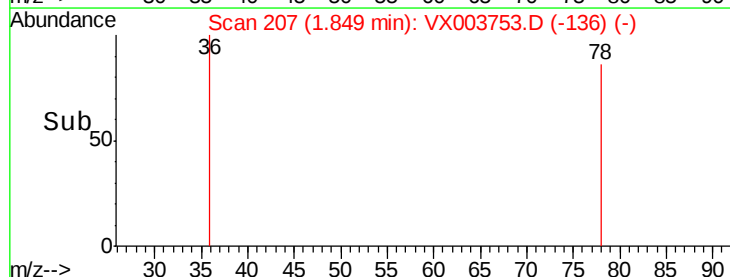
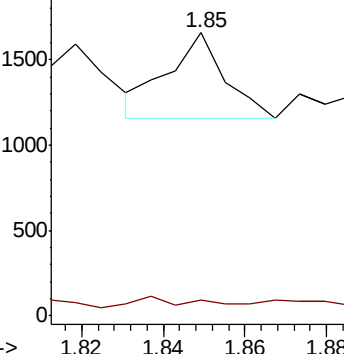
64 100

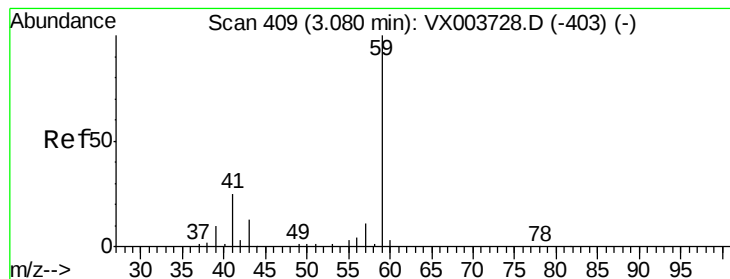
66 4.0 26.4 39.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



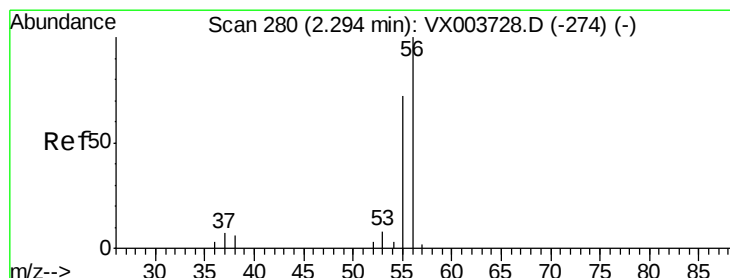
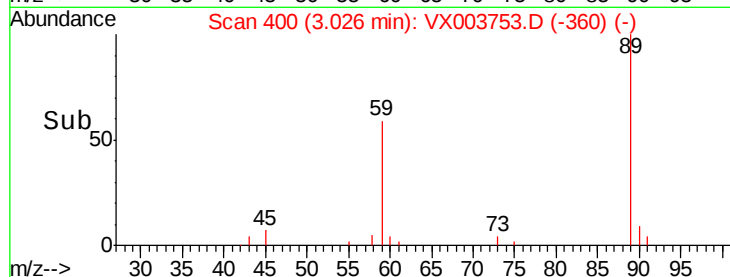
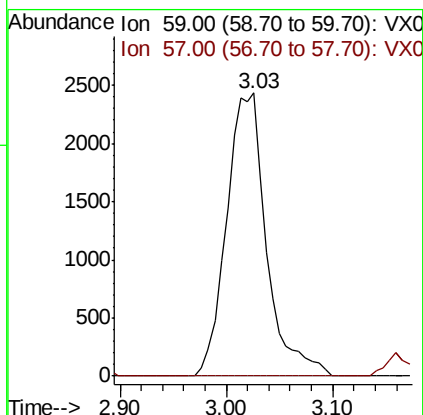
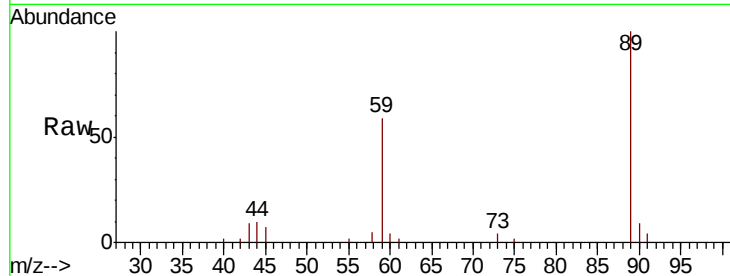


#11

Tert butyl alcohol
 Concen: 40.98 ug/l
 RT: 3.03 min Scan# 400
 Delta R.T. -0.05 min
 Lab File: VX003753.D
 Acq: 31 Jul 2018 16:34

Instrument :
 MSVOA_X
 ClientSampleID :
 SB-8(10-12)

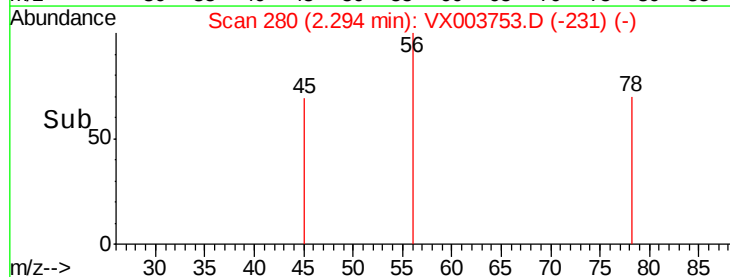
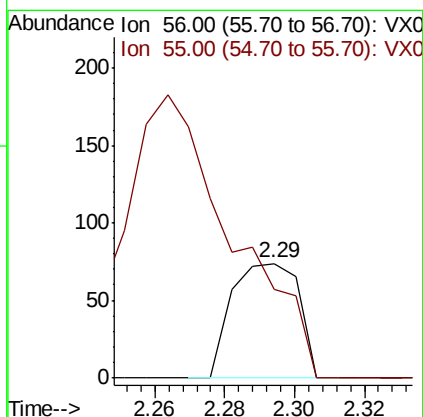
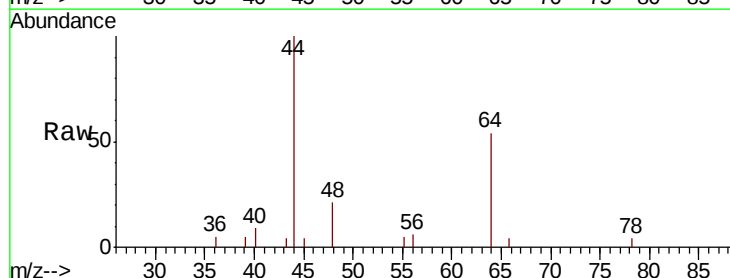
Tot Ion: 59 Resp: 6375
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#

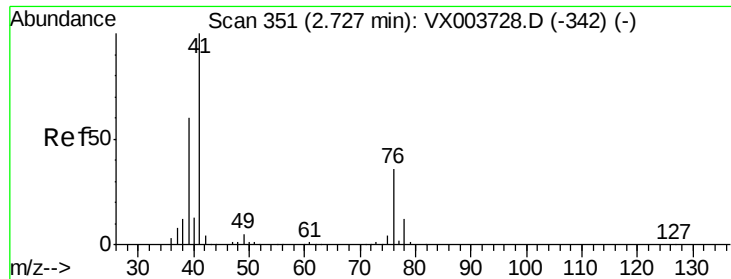


#13

Acrolein
 Concen: 1.93 ug/l
 RT: 2.29 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX003753.D
 Acq: 31 Jul 2018 16:34

Tgt Ion: 56 Resp: 98
 Ion Ratio Lower Upper
 56 100
 55 0.0 61.4 92.0#

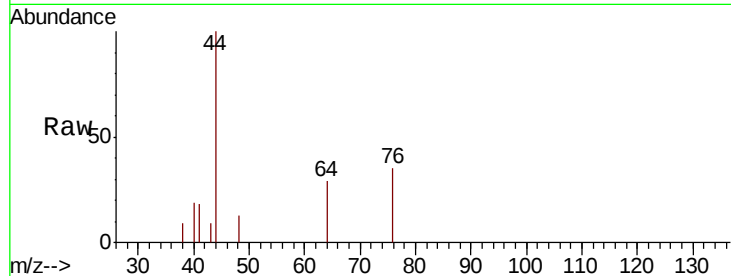




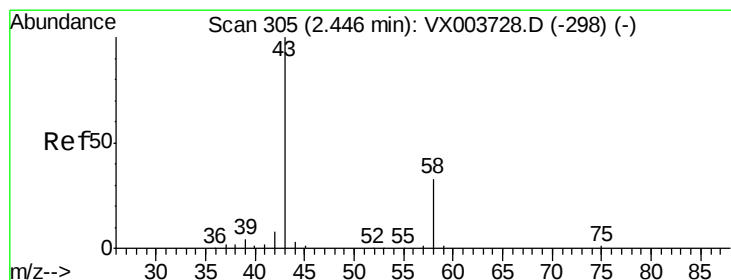
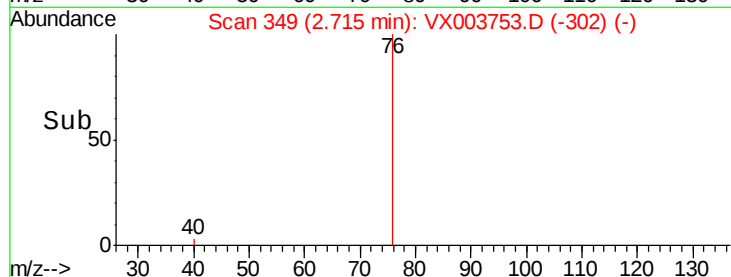
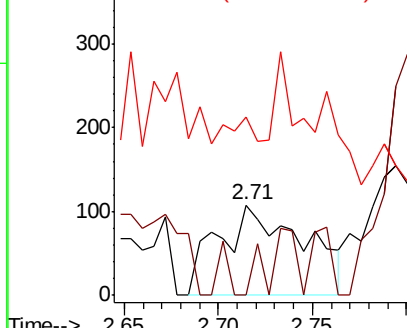
#14
Allvl chloride
Concen: 0.22 ug/l
RT: 2.71 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX003753.D
Acq: 31 Jul 2018 16:34

Instrument :
MSVOA_X
ClientSampleId :
SB-8(10-12)

Tot Ion: 41 Resp: 338
Ion Ratio Lower Upper
41 100
39 23.4 47.7 71.5#
76 0.0 27.0 40.6#

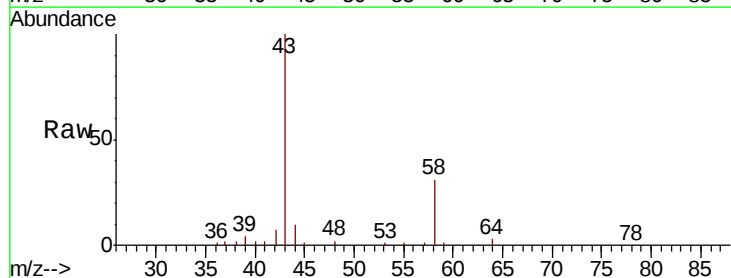


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0

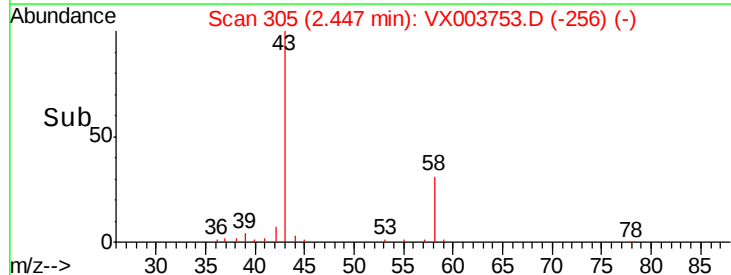
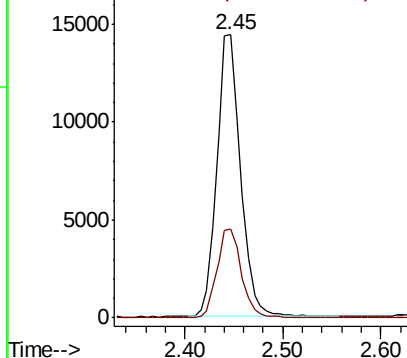


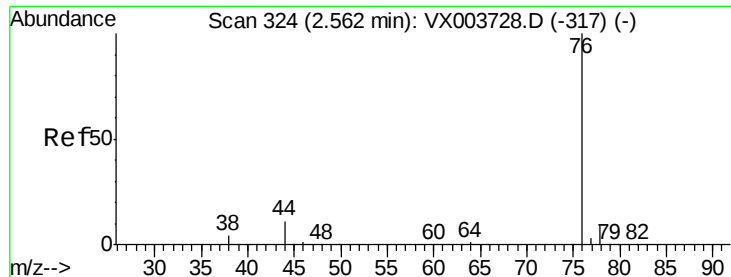
#16
Acetone
Concen: 66.05 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.00 min
Lab File: VX003753.D
Acq: 31 Jul 2018 16:34

Tgt Ion: 43 Resp: 24236
Ion Ratio Lower Upper
43 100
58 31.5 26.7 40.1



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





#17

Carbon Disulfide

Concen: 2.19 ug/l

RT: 2.56 min Scan# 324

Delta R.T. 0.00 min

Lab File: VX003753.D

Acq: 31 Jul 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

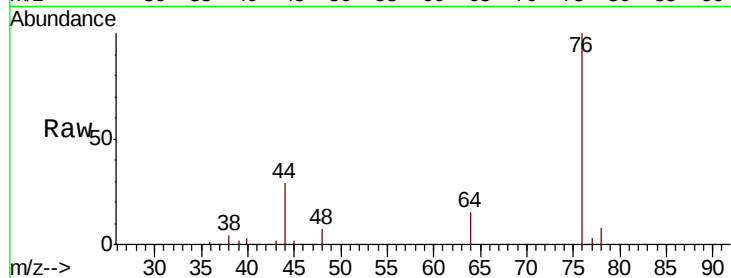
SB-8(10-12)

Tot Ion: 76 Resp: 6045

Ion Ratio Lower Upper

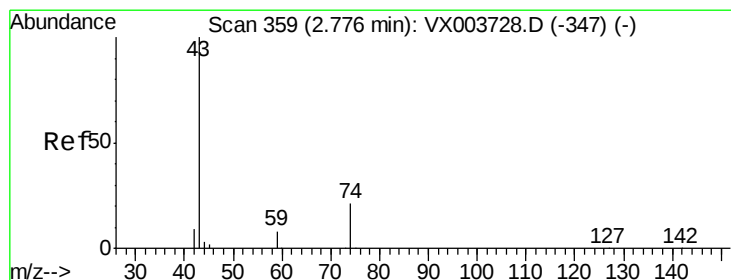
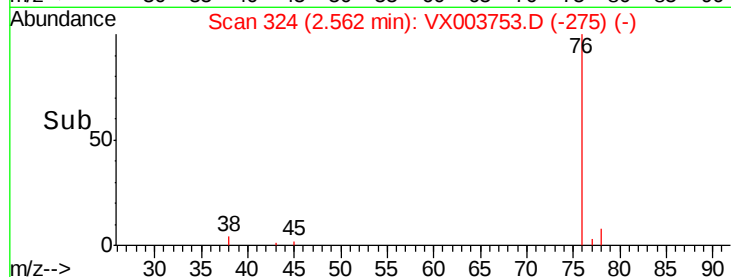
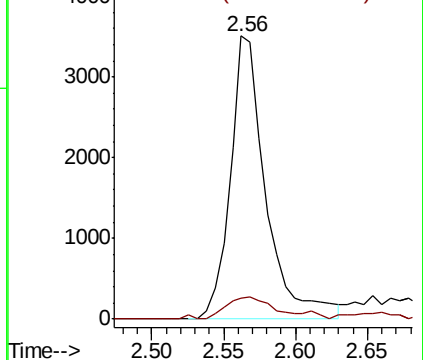
76 100

78 6.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.47 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.01 min

Lab File: VX003753.D

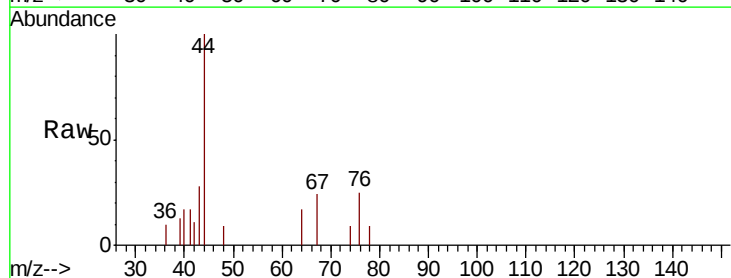
Acq: 31 Jul 2018 16:34

Tgt Ion: 43 Resp: 482

Ion Ratio Lower Upper

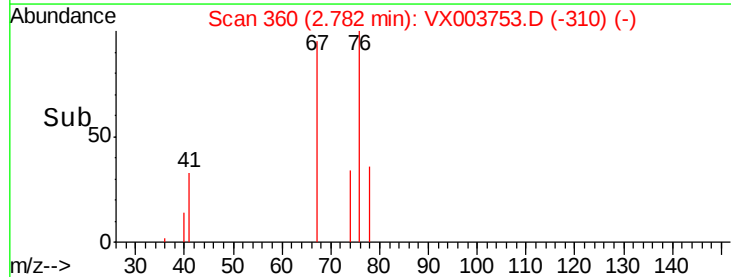
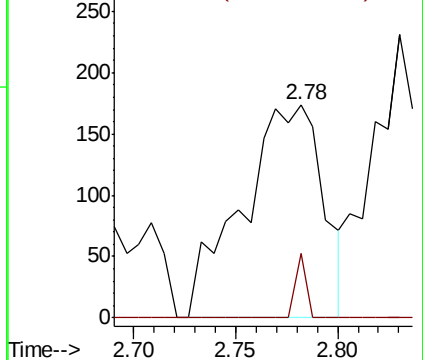
43 100

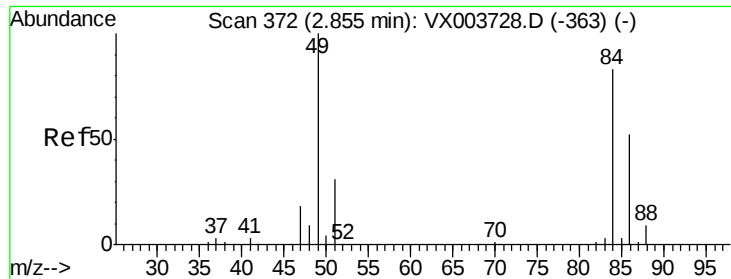
74 3.9 18.9 28.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

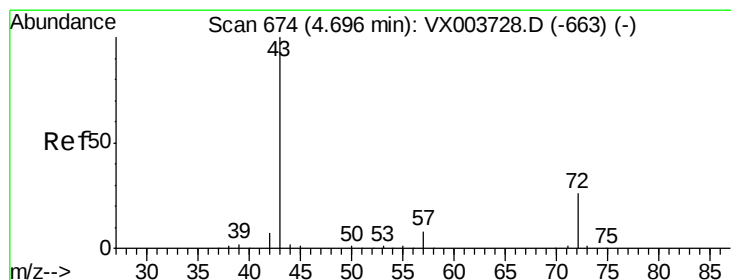
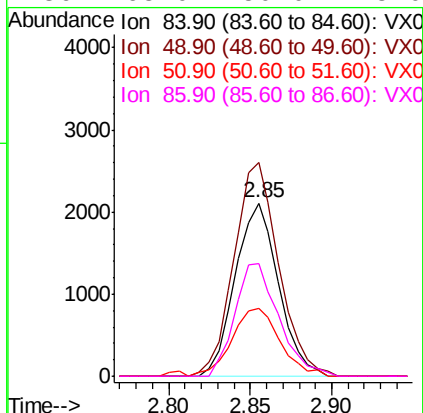
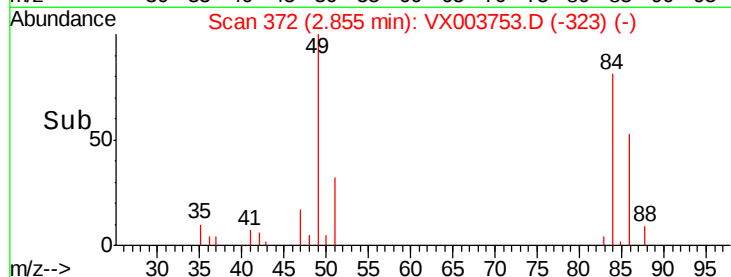
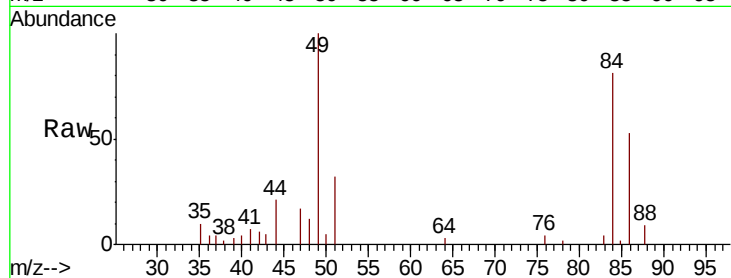




#20
Methvlene Chloride
Concen: 0.91 ug/l
RT: 2.85 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003753.D
Acq: 31 Jul 2018 16:34

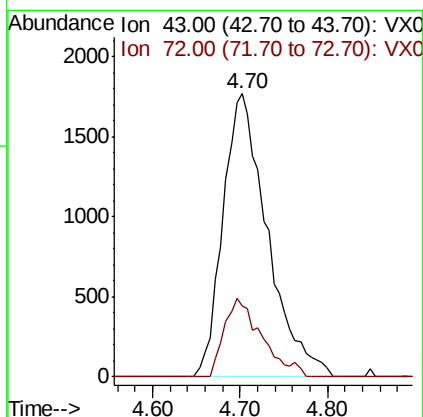
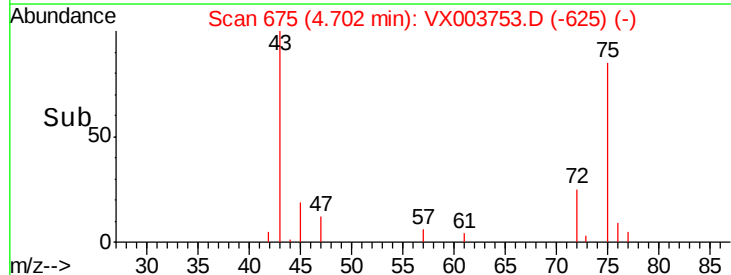
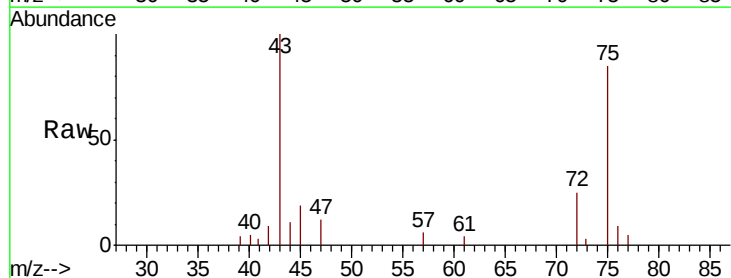
Instrument :
MSVOA_X
ClientSampleId :
SB-8(10-12)

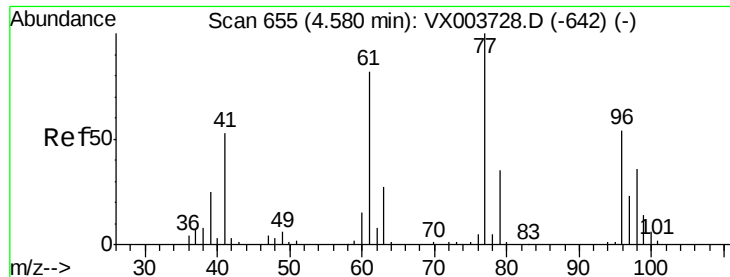
Tot Ion:	84	Resp:	3902
Ion	Ratio	Lower	Upper
84	100		
49	123.4	95.8	143.8
51	39.1	29.6	44.4
86	65.0	50.0	75.0



#25
2-Butanone
Concen: 11.64 ug/l
RT: 4.70 min Scan# 675
Delta R.T. 0.01 min
Lab File: VX003753.D
Acq: 31 Jul 2018 16:34

Tgt Ion:	43	Resp:	6227
Ion	Ratio	Lower	Upper
43	100		
72	25.2	20.9	31.3





#26

2,2-Dichloropropane

Concen: 0.89 ug/l

RT: 4.73 min Scan# 680

Delta R.T. 0.15 min

Lab File: VX003753.D

Acq: 31 Jul 2018 16:34

Instrument :

MSVOA_X

ClientSampled :

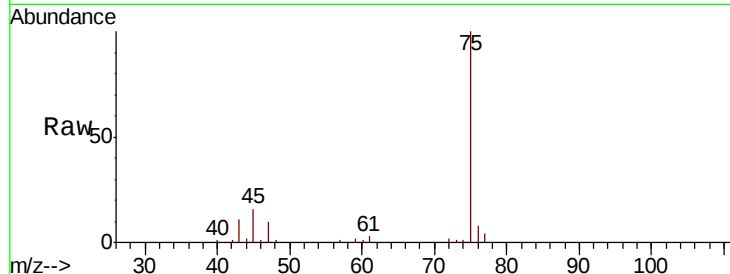
SB-8(10-12)

Tot Ion: 77 Resp: 1112

Ion Ratio Lower Upper

77 100

97 0.0 12.2 36.6#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.73

400

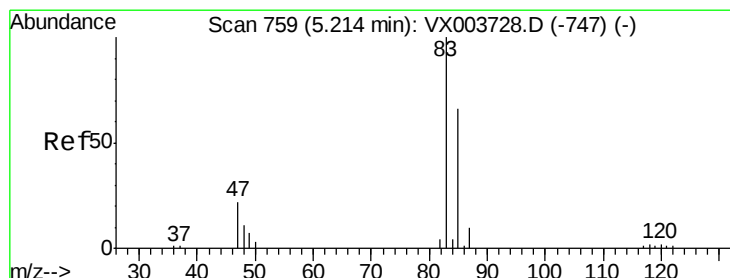
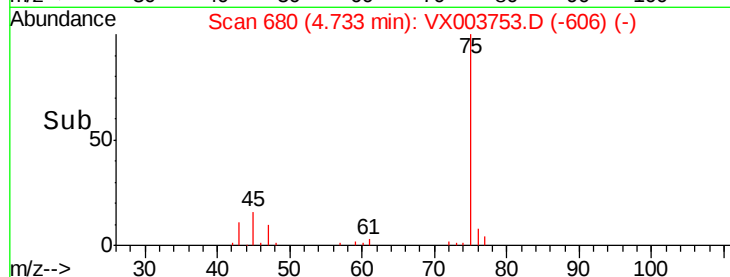
300

200

100

0

Time--> 4.65 4.70 4.75 4.80



#30

Chloroform

Concen: 0.31 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX003753.D

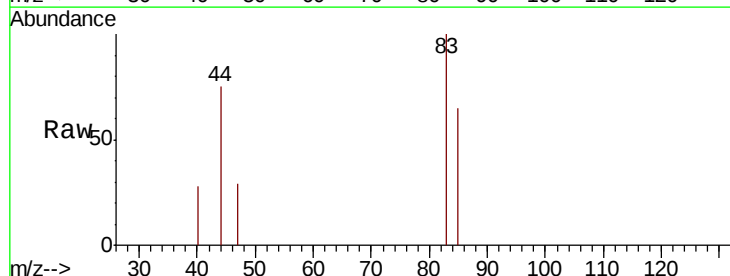
Acq: 31 Jul 2018 16:34

Tgt Ion: 83 Resp: 479

Ion Ratio Lower Upper

83 100

85 64.5 52.8 79.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

5.23

200

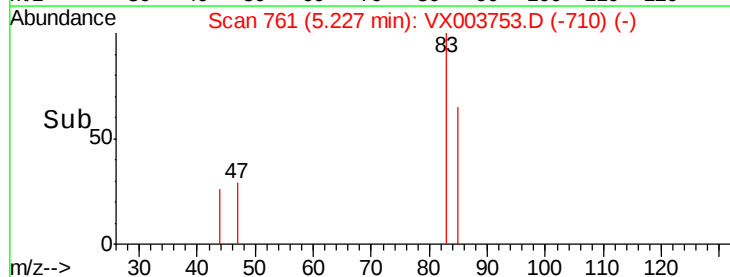
150

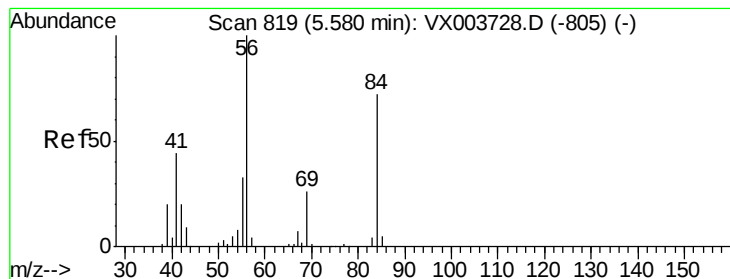
100

50

0

Time--> 5.15 5.20 5.25





#31

Cyclohexane

Concen: 0.52 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.01 min

Lab File: VX003753.D

Acq: 31 Jul 2018 16:34

Instrument :

MSVOA_X

ClientSampled :

SB-8(10-12)

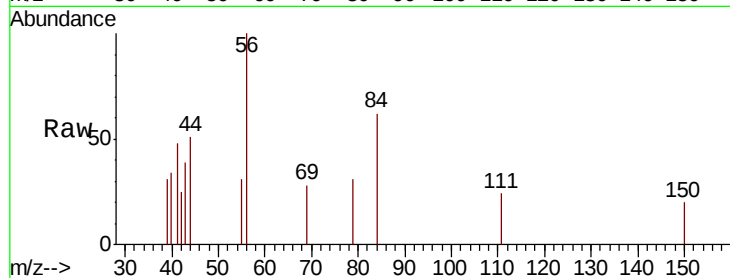
Tot Ion: 56 Resp: 789

Ion Ratio Lower Upper

56 100

69 27.7 20.6 30.8

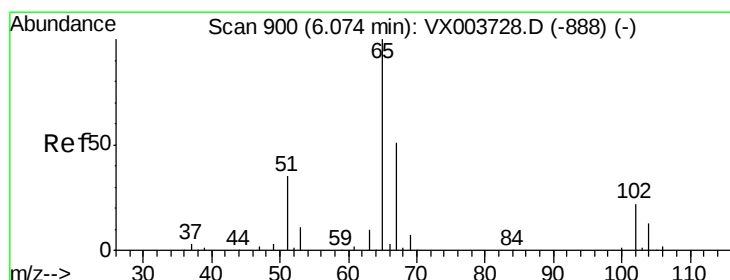
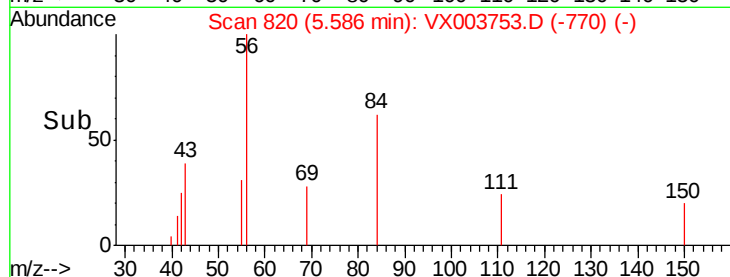
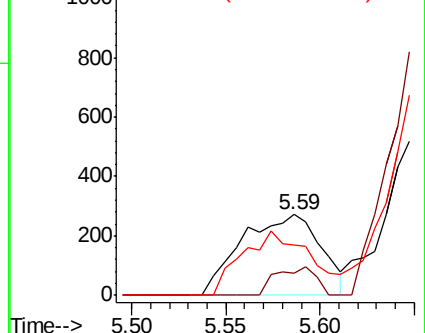
84 62.4 57.9 86.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 63.30 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003753.D

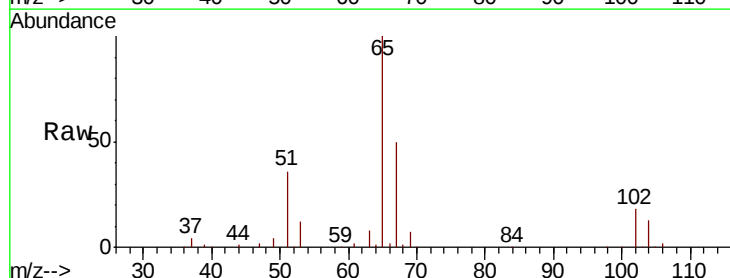
Acq: 31 Jul 2018 16:34

Tgt Ion: 65 Resp: 60813

Ion Ratio Lower Upper

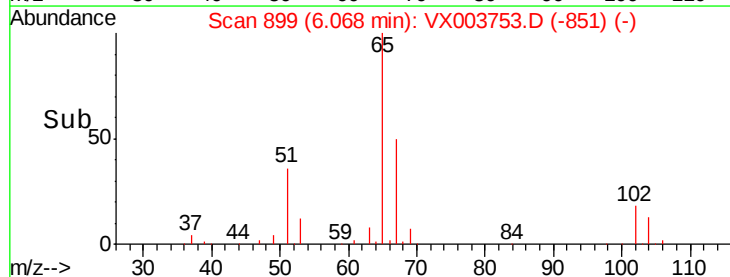
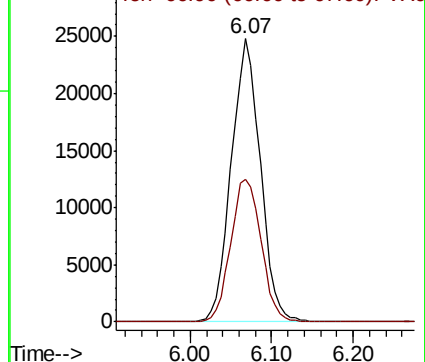
65 100

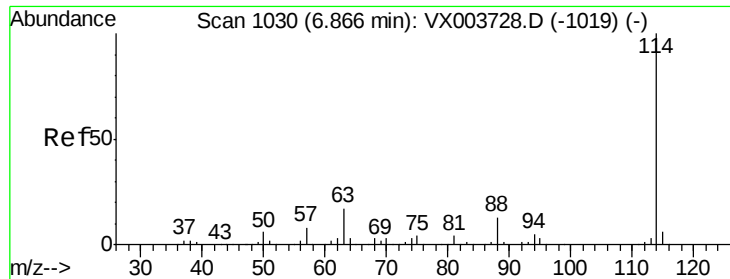
67 53.1 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

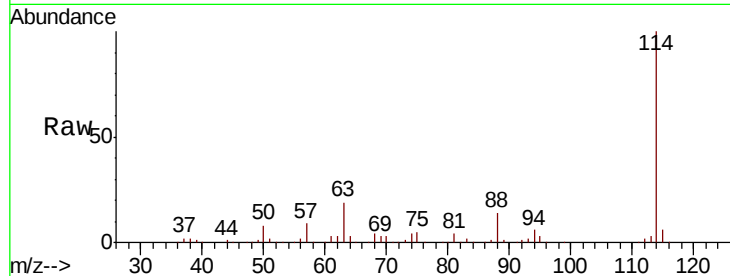




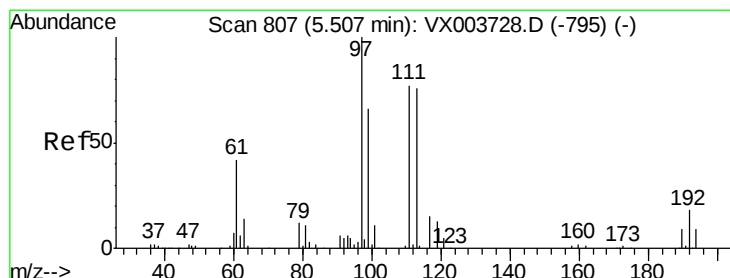
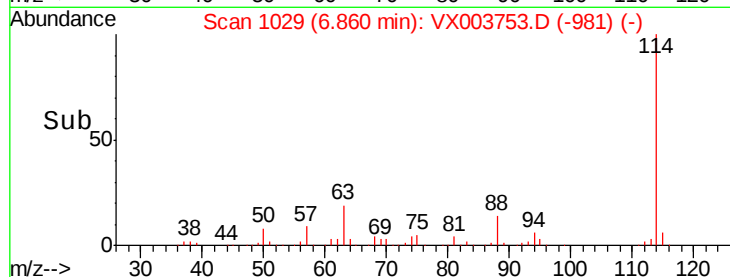
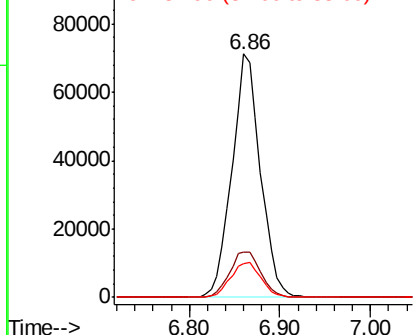
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003753.D
 Acq: 31 Jul 2018 16:34

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-8(10-12)

Tot Ion:114 Resp: 154911
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 34.0
 88 13.9 0.0 26.4

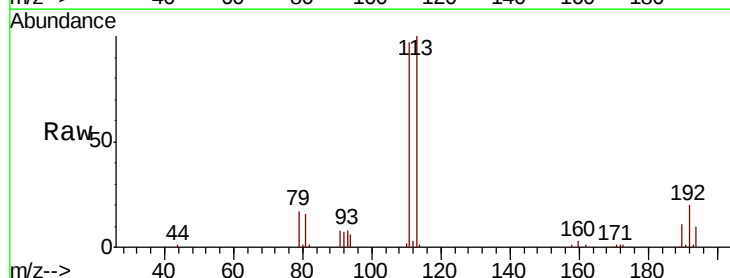


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

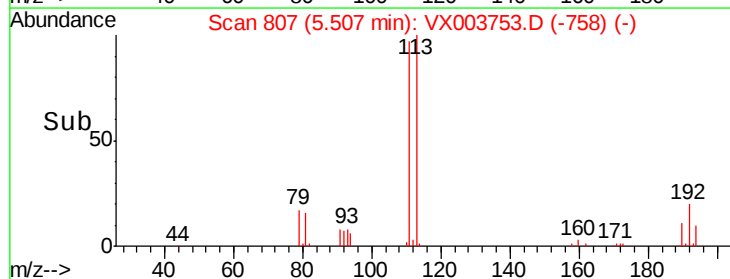
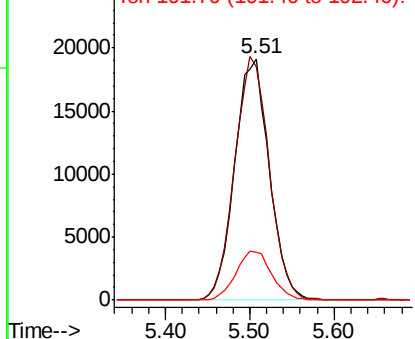


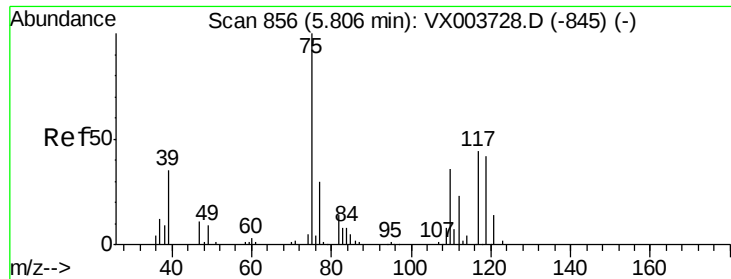
#35
 Dibromofluoromethane
 Concen: 58.20 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003753.D
 Acq: 31 Jul 2018 16:34

Tgt Ion:113 Resp: 53090
 Ion Ratio Lower Upper
 113 100
 111 100.5 81.8 122.6
 192 20.9 18.8 28.2



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

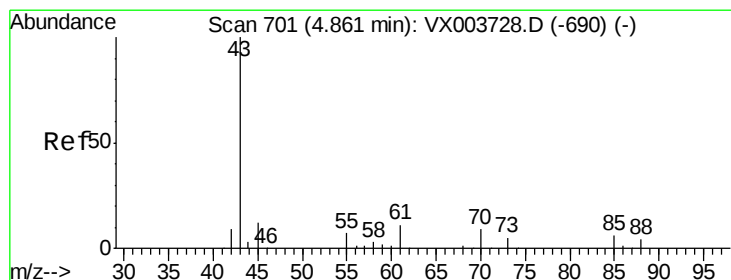
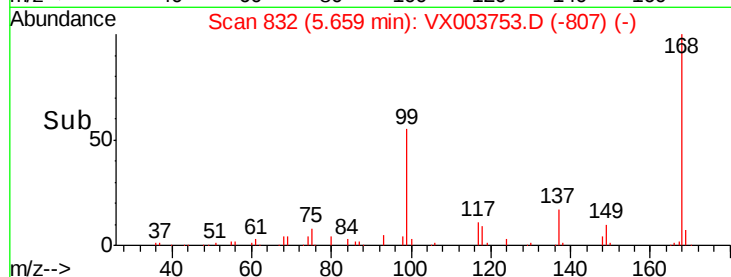
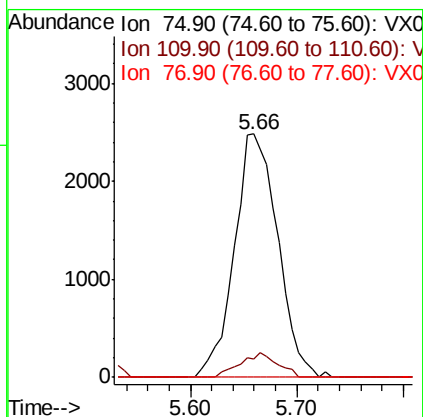
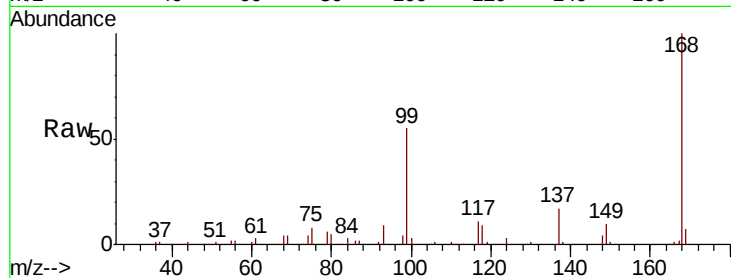




#36
 1,1-Dichloropropene
 Concen: 4.89 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.15 min
 Lab File: VX003753.D
 Acq: 31 Jul 2018 16:34

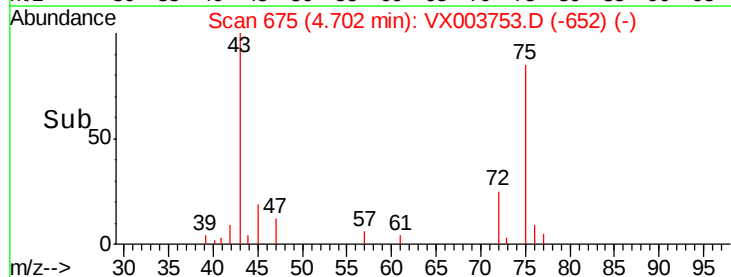
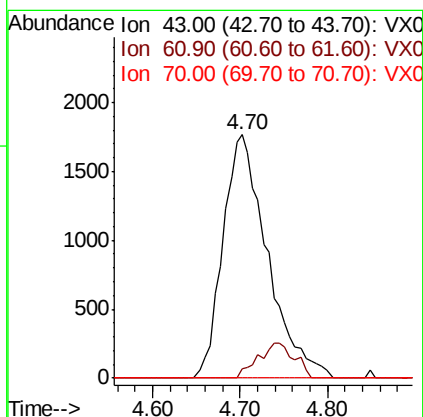
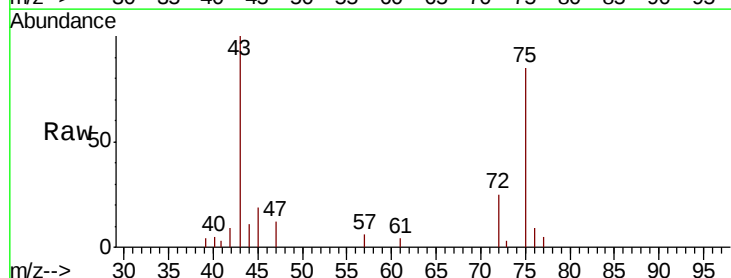
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-8(10-12)

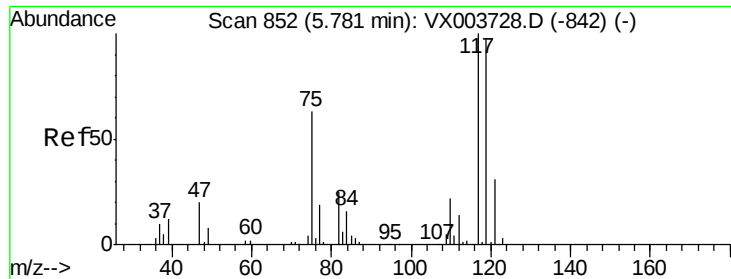
Tot Ion: 75 Resp: 7087
 Ion Ratio Lower Upper
 75 100
 110 8.7 18.3 54.8#
 77 0.0 25.1 37.7#



#37
 Ethyl Acetate
 Concen: 5.59 ug/l
 RT: 4.70 min Scan# 675
 Delta R.T. -0.16 min
 Lab File: VX003753.D
 Acq: 31 Jul 2018 16:34

Tgt Ion: 43 Resp: 6227
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.4 17.0#
 70 0.0 8.2 12.2#





#38

Carbon Tetrachloride

Concen: 6.71 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.12 min

Lab File: VX003753.D

Acq: 31 Jul 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

SB-8(10-12)

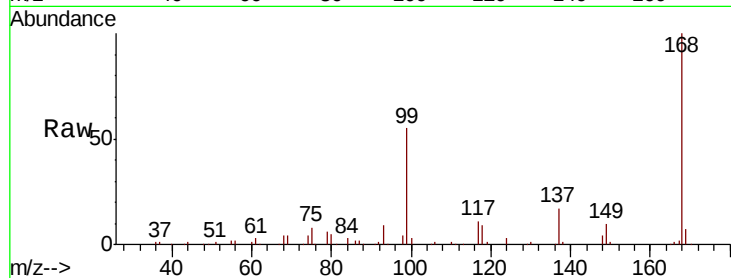
Tot Ion:117 Resp: 9006

Ion Ratio Lower Upper

117 100

119 6.3 77.2 115.8#

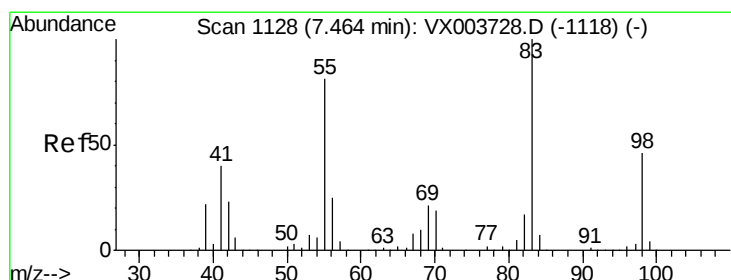
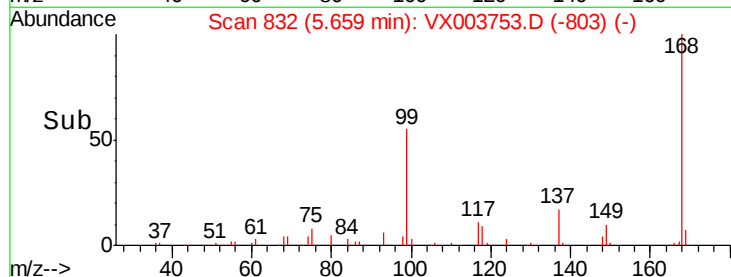
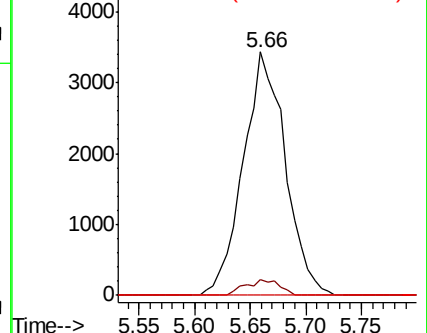
121 0.0 25.0 37.4#



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: 0.92 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX003753.D

Acq: 31 Jul 2018 16:34

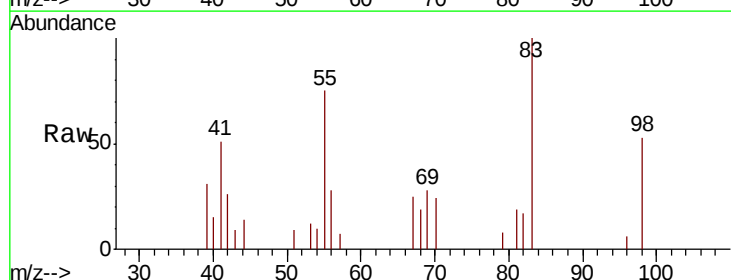
Tgt Ion: 83 Resp: 1632

Ion Ratio Lower Upper

83 100

55 75.2 65.0 97.6

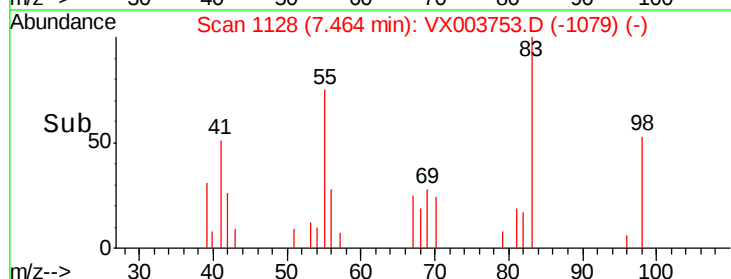
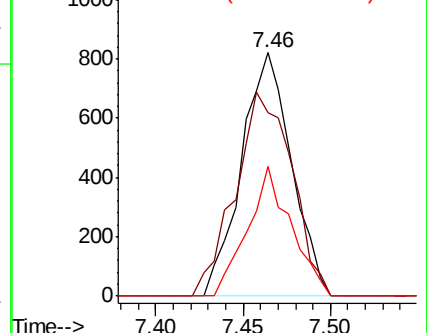
98 53.2 37.1 55.7

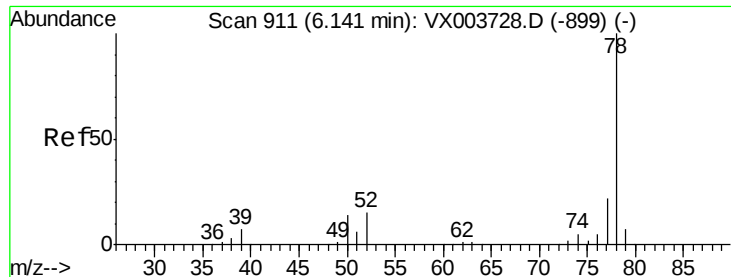


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

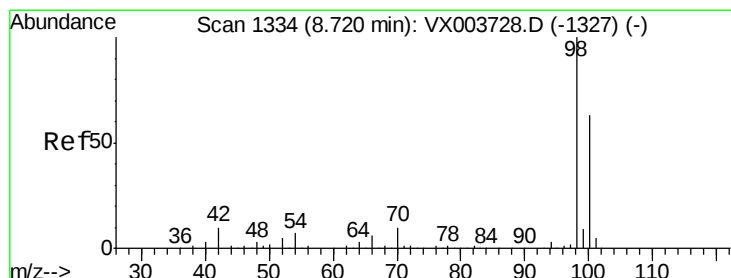
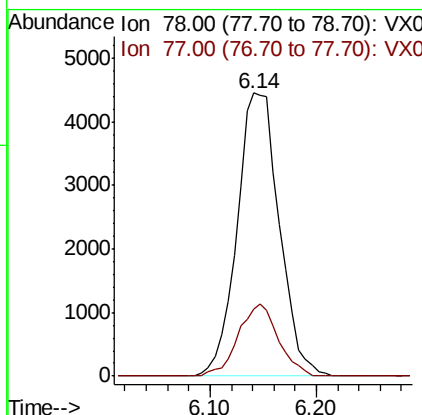
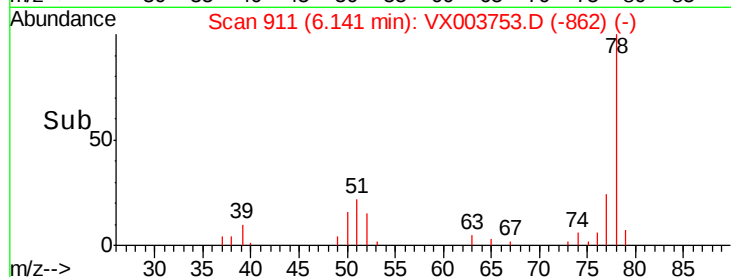
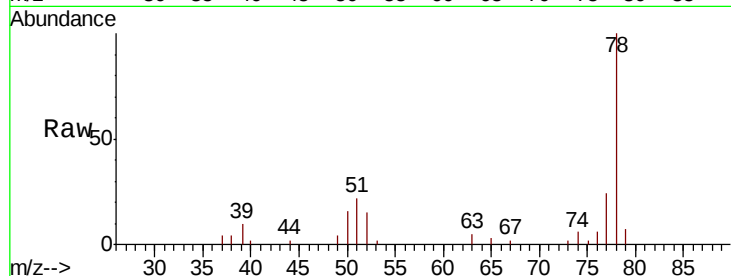




#40
Benzene
Concen: 2.98 ug/l
RT: 6.14 min Scan# 911
Delta R.T. 0.00 min
Lab File: VX003753.D
Acq: 31 Jul 2018 16:34

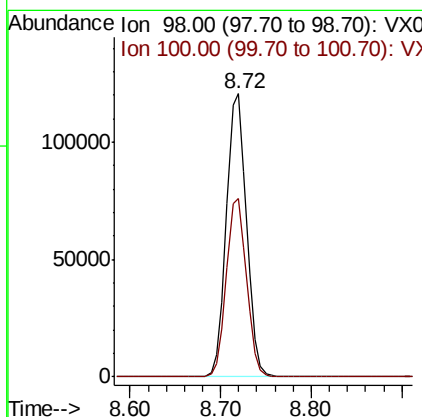
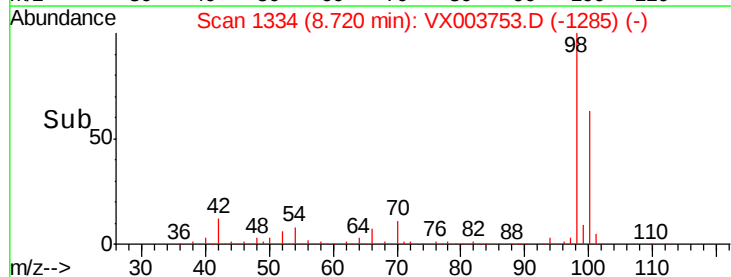
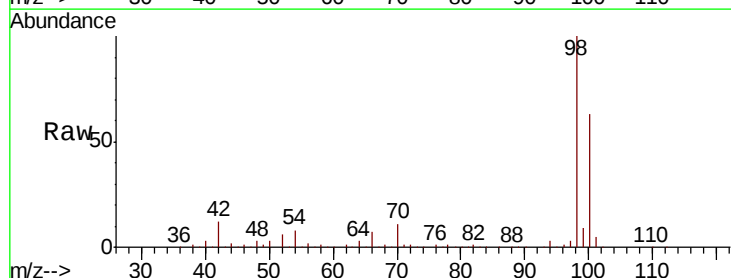
Instrument :
MSVOA_X
ClientSampleId :
SB-8(10-12)

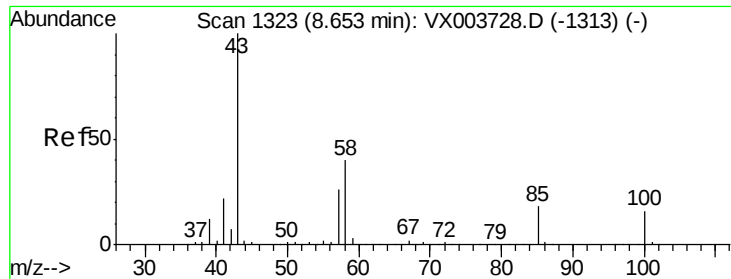
Tot Ion: 78 Resp: 12409
Ion Ratio Lower Upper
78 100
77 23.8 17.9 26.9



#50
Toluene-d8
Concen: 49.00 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003753.D
Acq: 31 Jul 2018 16:34

Tgt Ion: 98 Resp: 186340
Ion Ratio Lower Upper
98 100
100 63.0 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 0.24 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003753.D

Acq: 31 Jul 2018 16:34

Instrument :

MSVOA_X

ClientSampled :

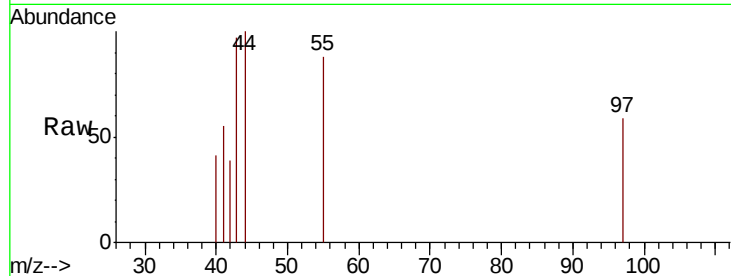
SB-8(10-12)

Tot Ion: 43 Resp: 257

Ion Ratio Lower Upper

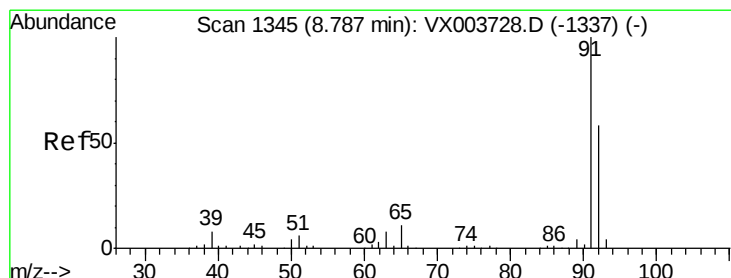
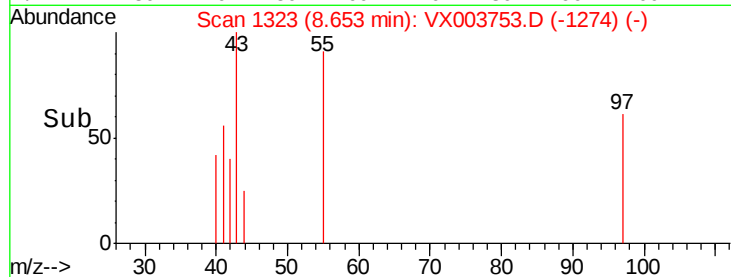
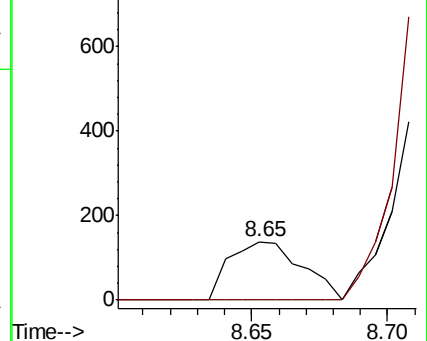
43 100

58 0.0 32.1 48.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 0.62 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003753.D

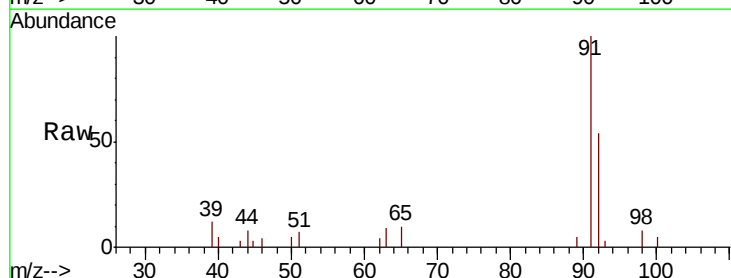
Acq: 31 Jul 2018 16:34

Tgt Ion: 92 Resp: 1615

Ion Ratio Lower Upper

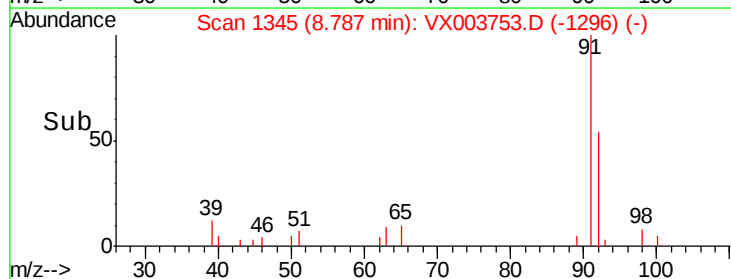
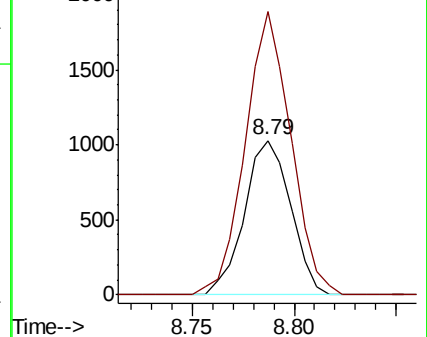
92 100

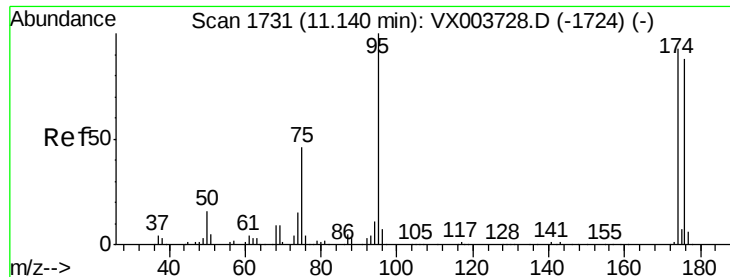
91 181.1 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

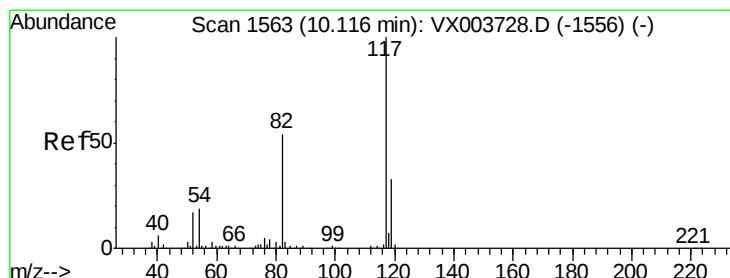
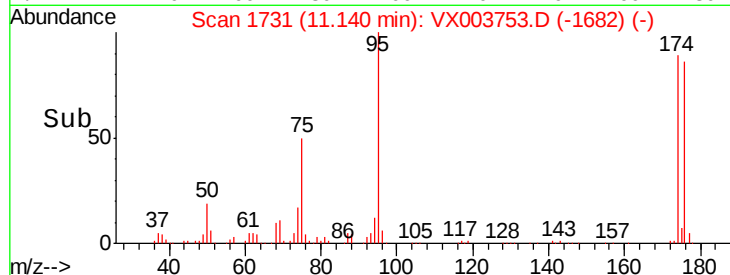
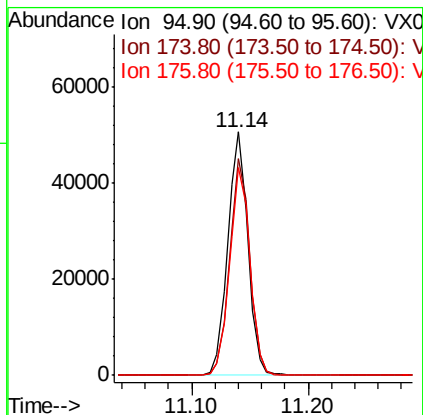
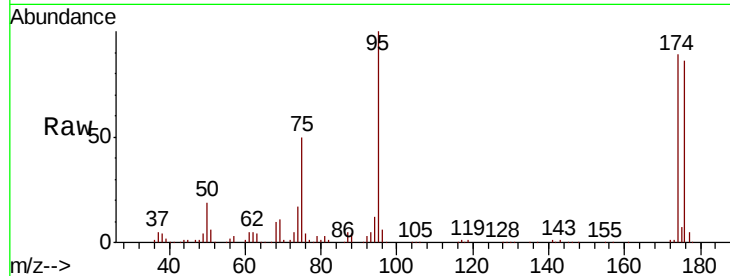




#62
4-Bromofluorobenzene
Concen: 43.35 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003753.D
Acq: 31 Jul 2018 16:34

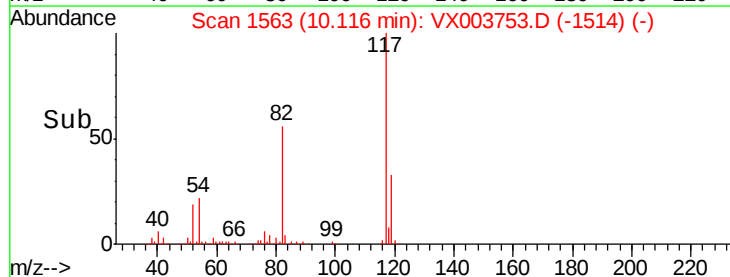
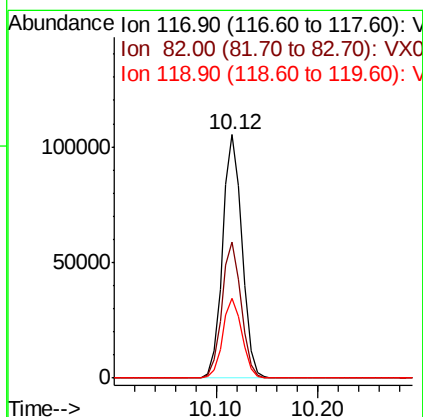
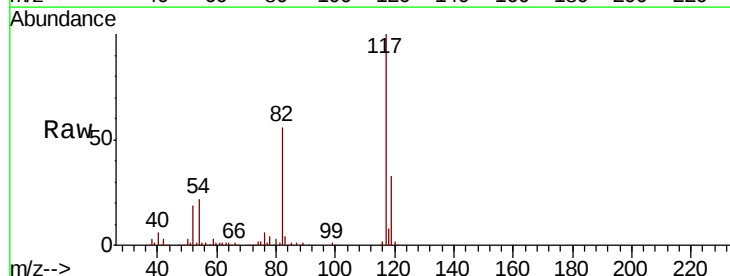
Instrument :
MSVOA_X
ClientSampleId :
SB-8(10-12)

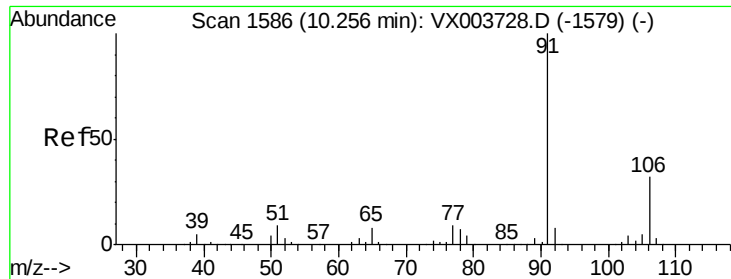
Tot Ion: 95 Resp: 60783
Ion Ratio Lower Upper
95 100
174 89.1 0.0 186.2
176 86.2 0.0 179.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003753.D
Acq: 31 Jul 2018 16:34

Tgt Ion: 117 Resp: 139221
Ion Ratio Lower Upper
117 100
82 56.1 43.2 64.8
119 32.6 26.3 39.5

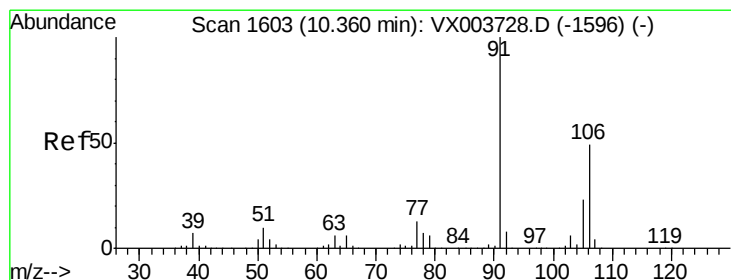
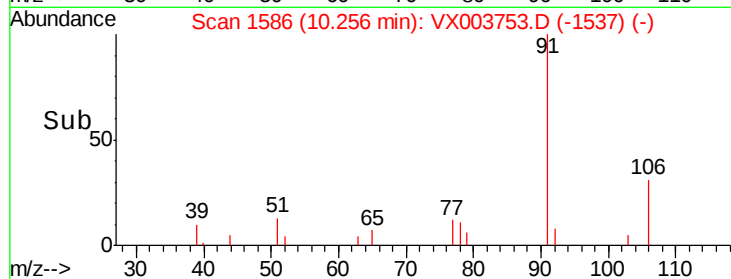
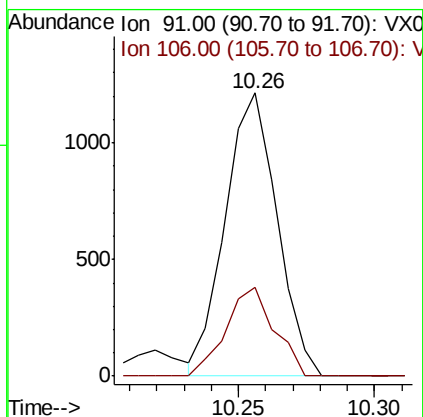
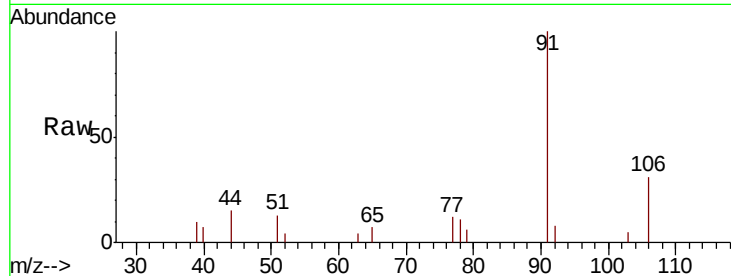




#67
Ethyl Benzene
Concen: 0.33 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003753.D
Acq: 31 Jul 2018 16:34

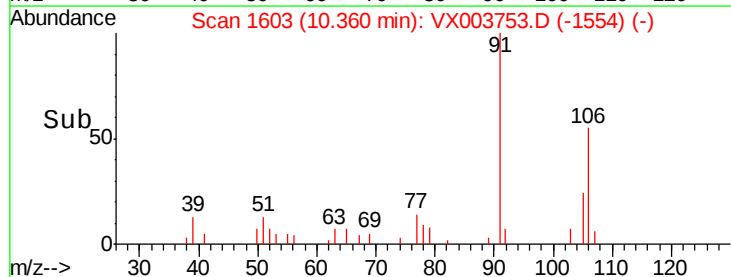
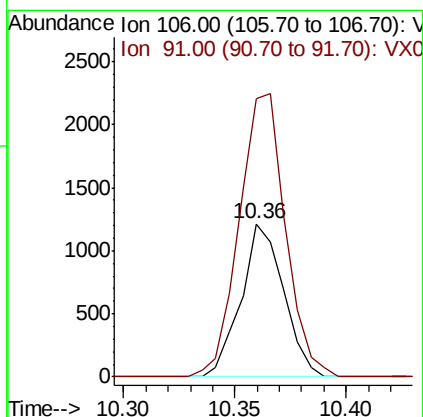
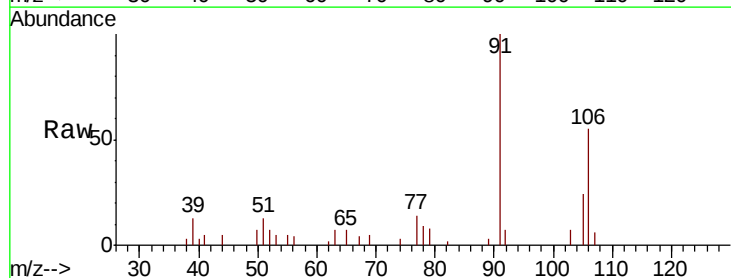
Instrument :
MSVOA_X
ClientSampled :
SB-8(10-12)

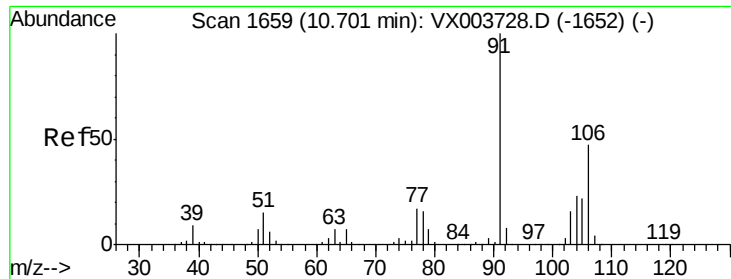
Tot Ion: 91 Resp: 1603
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.2



#68
m/p-Xylenes
Concen: 0.84 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003753.D
Acq: 31 Jul 2018 16:34

Tgt Ion: 106 Resp: 1614
Ion Ratio Lower Upper
106 100
91 201.2 159.8 239.8

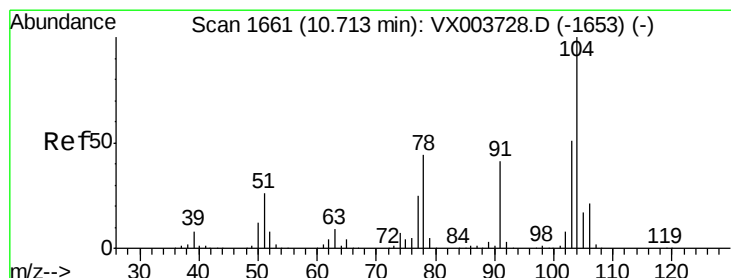
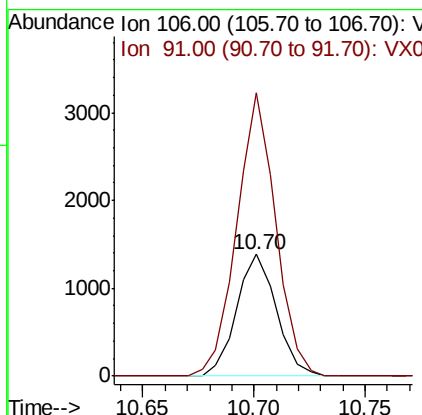
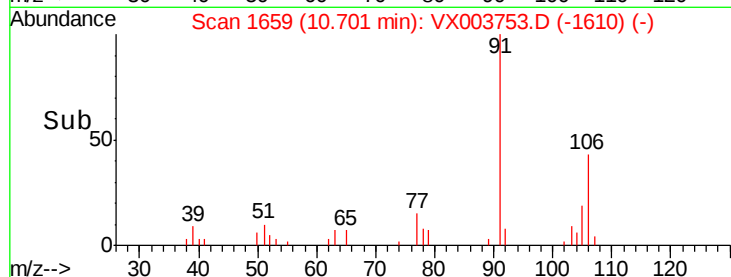
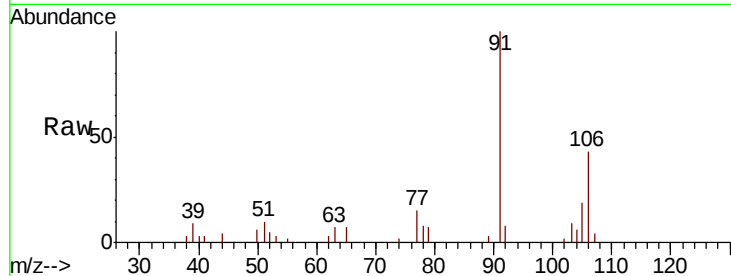




#69
o-Xylene
Concen: 0.97 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003753.D
Acq: 31 Jul 2018 16:34

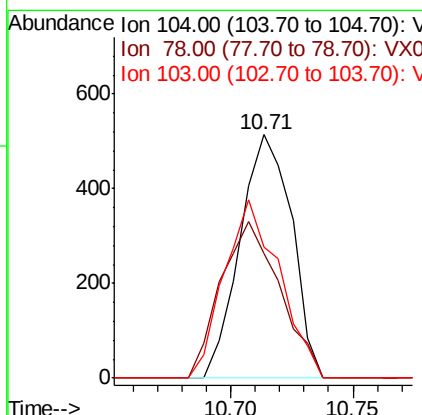
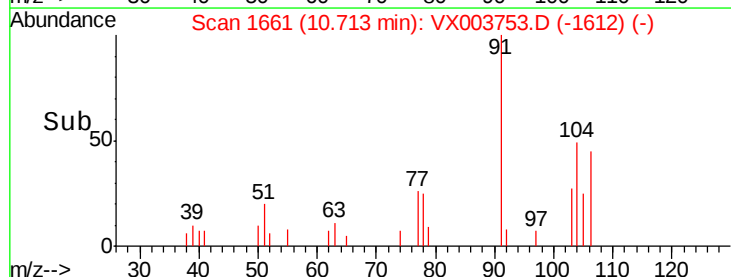
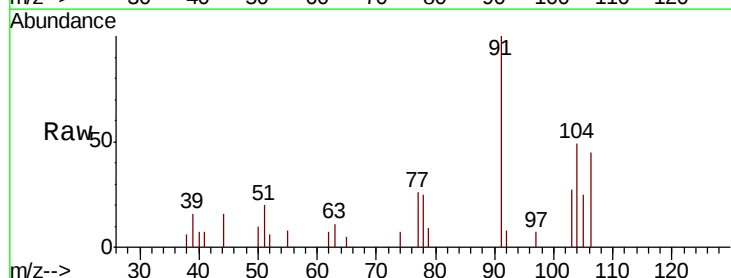
Instrument :
MSVOA_X
ClientSampled :
SB-8(10-12)

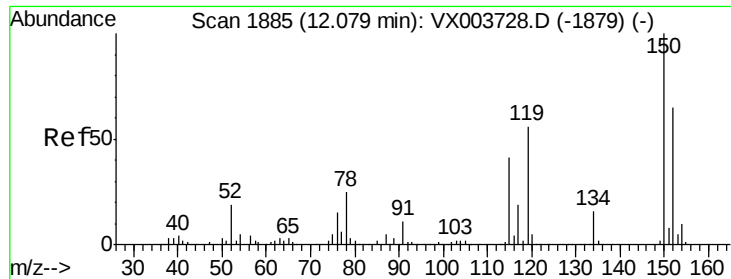
Tot Ion:106 Resp: 1734
Ion Ratio Lower Upper
106 100
91 226.0 105.6 316.8



#70
Styrene
Concen: 0.25 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003753.D
Acq: 31 Jul 2018 16:34

Tgt Ion:104 Resp: 757
Ion Ratio Lower Upper
104 100
78 73.4 38.2 57.2#
103 77.9 44.5 66.7#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003753.D

Acq: 31 Jul 2018 16:34

Instrument :

MSVOA_X

ClientSampled :

SB-8(10-12)

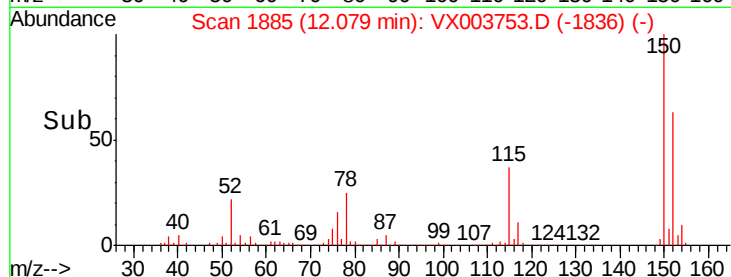
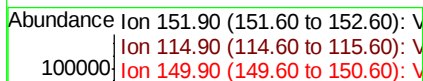
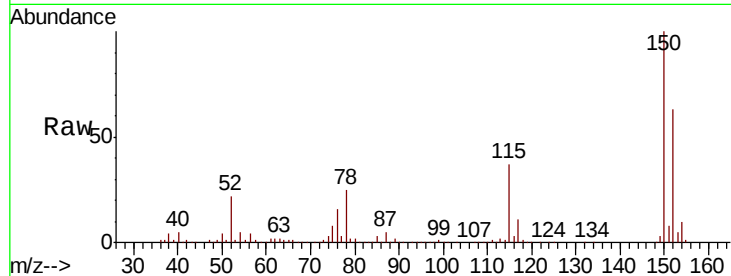
Tot Ion:152 Resp: 61499

Ion Ratio Lower Upper

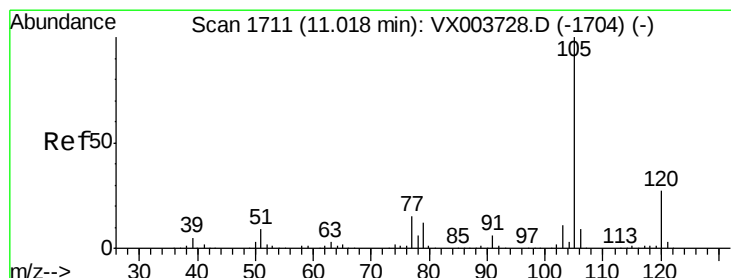
152 100

115 56.5 38.5 115.3

150 157.6 0.0 346.2



Time-->



#73

Isopropylbenzene

Concen: 0.57 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003753.D

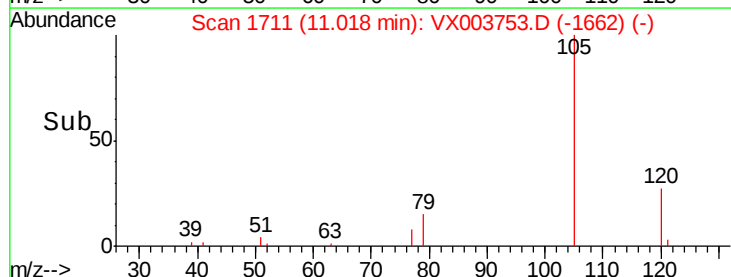
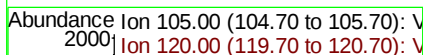
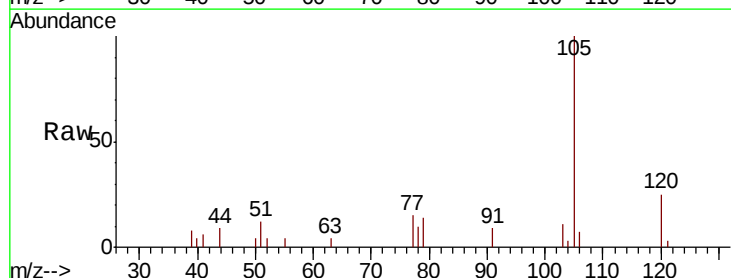
Acq: 31 Jul 2018 16:34

Tgt Ion:105 Resp: 2185

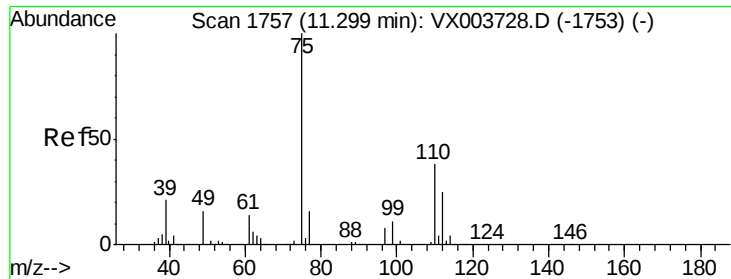
Ion Ratio Lower Upper

105 100

120 25.1 13.5 40.5



Time-->



#76

1,2,3-Trichloropropane

Concen: 36.83 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003753.D

Acq: 31 Jul 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

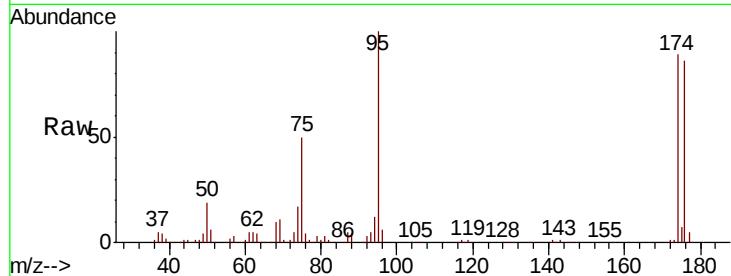
SB-8(10-12)

Tot Ion: 75 Resp: 31222

Ion Ratio Lower Upper

75 100

77 1.4 21.6 65.0#

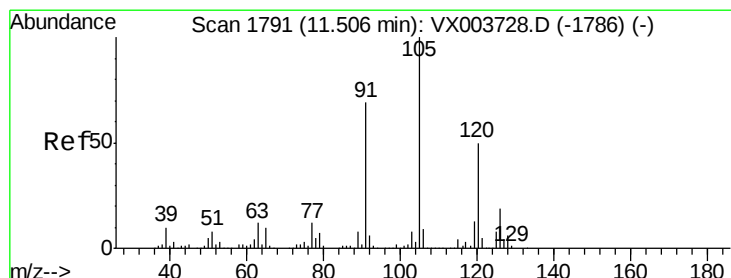
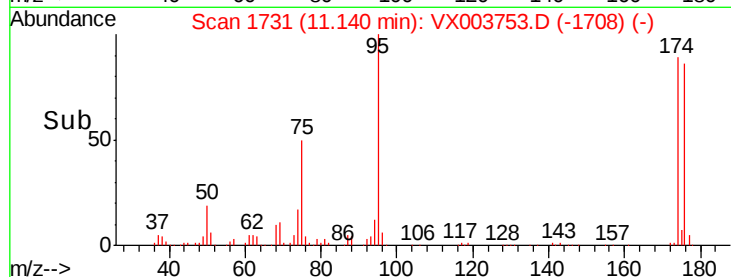


Abundance Ion 74.90 (74.60 to 75.60): VX003728.D (-1753) (-)

Ion 77.00 (76.70 to 77.70): VX003728.D (-1753) (-)

11.14

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.67 ug/l

RT: 11.46 min Scan# 1783

Delta R.T. -0.05 min

Lab File: VX003753.D

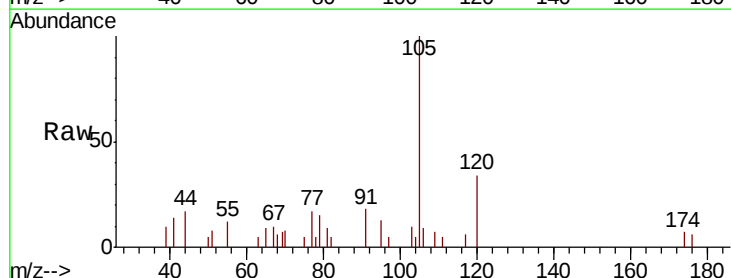
Acq: 31 Jul 2018 16:34

Tgt Ion: 105 Resp: 2189

Ion Ratio Lower Upper

105 100

120 32.0 15.8 47.4

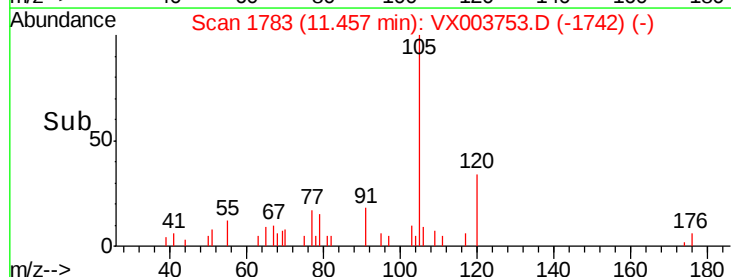


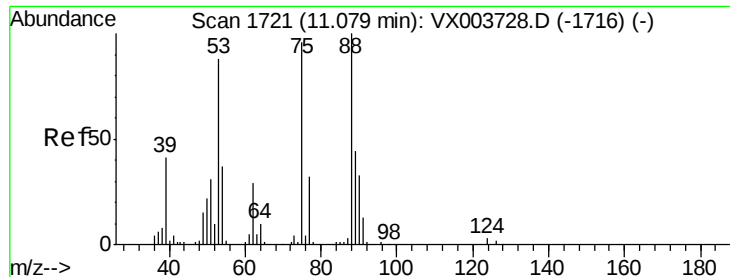
Abundance Ion 105.00 (104.70 to 105.70): VX003728.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX003728.D (-1786) (-)

11.46

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 109.10 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003753.D

Acq: 31 Jul 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

SB-8(10-12)

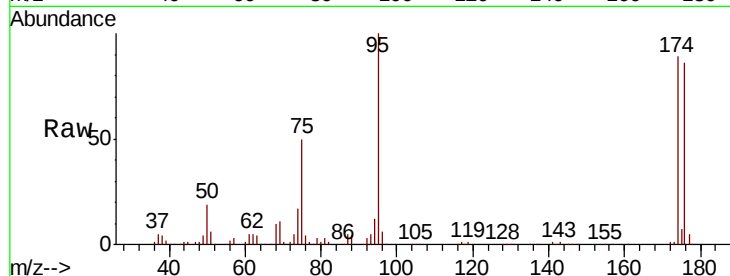
Tot Ion: 75 Resp: 31222

Ion Ratio Lower Upper

75 100

53 0.1 75.8 113.8#

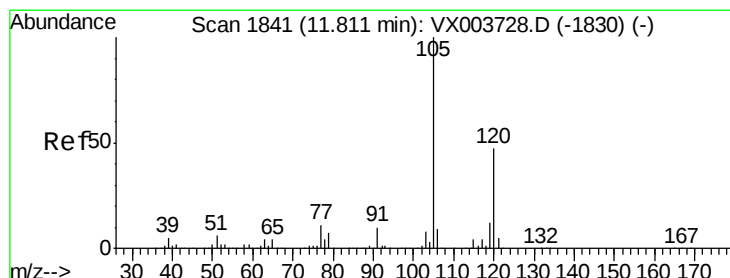
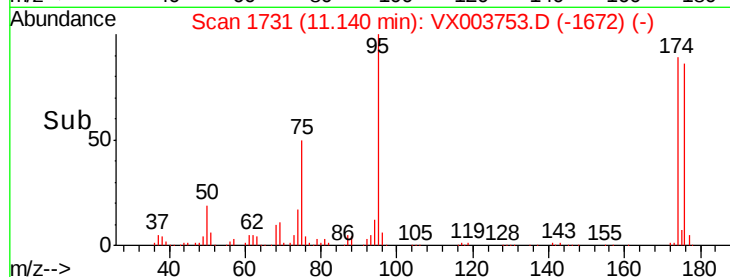
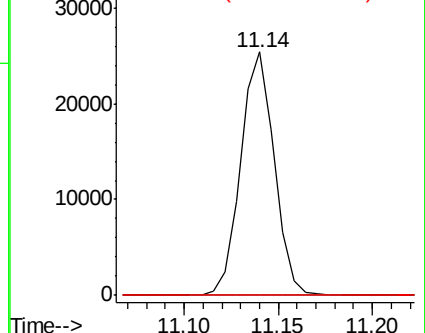
89 0.0 39.1 58.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#84

1,2,4-Trimethylbenzene

Concen: 0.67 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX003753.D

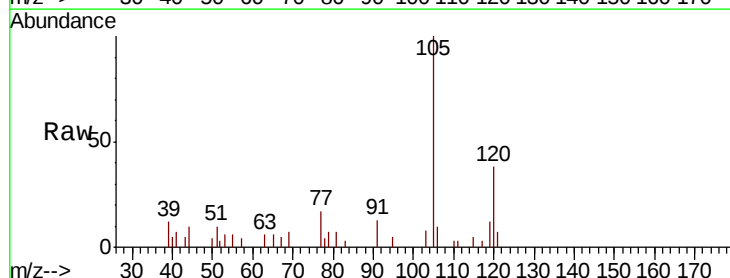
Acq: 31 Jul 2018 16:34

Tgt Ion: 105 Resp: 2257

Ion Ratio Lower Upper

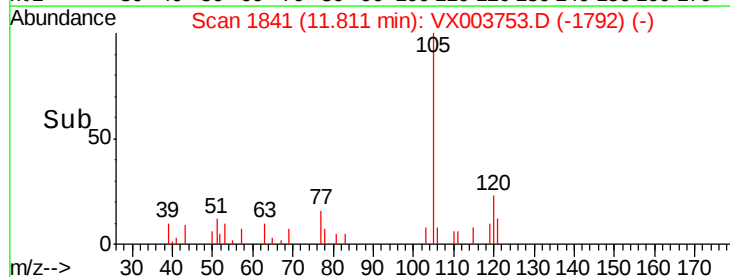
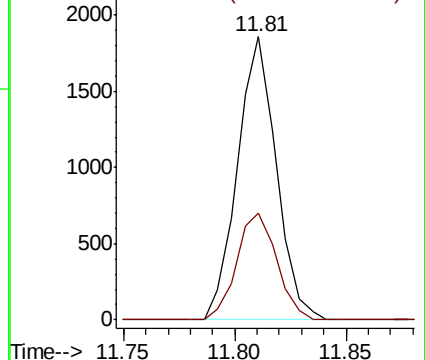
105 100

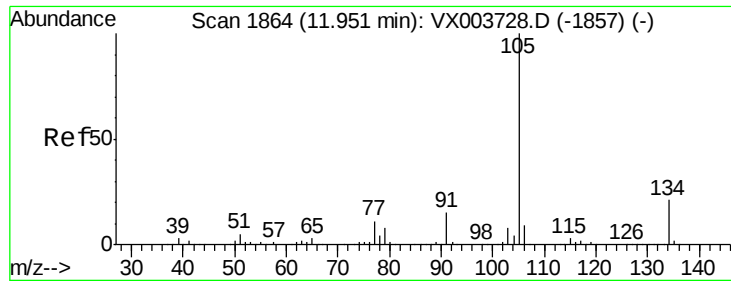
120 38.8 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

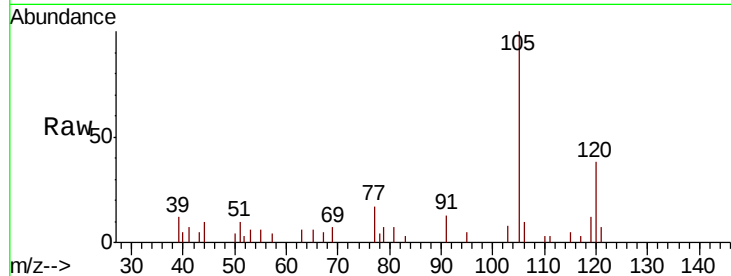




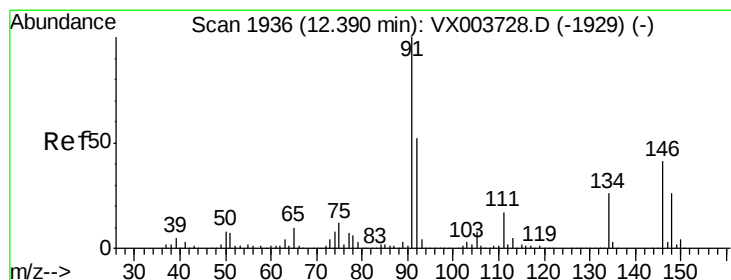
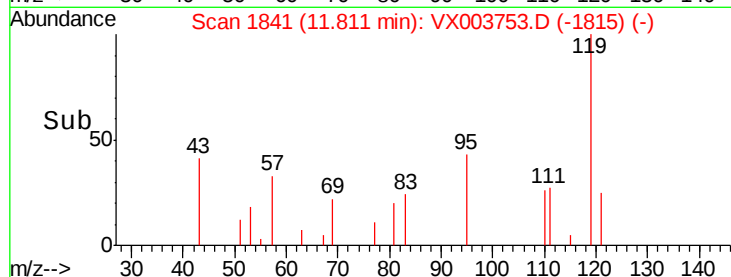
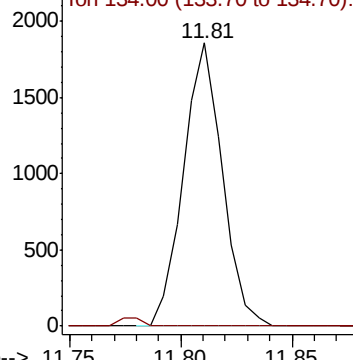
#85
 sec-Butylbenzene
 Concen: 0.54 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.14 min
 Lab File: VX003753.D
 Acq: 31 Jul 2018 16:34

Instrument :
 MSVOA_X
 ClientSampleID :
 SB-8(10-12)

Tot Ion:105 Resp: 2257
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.3 30.8#

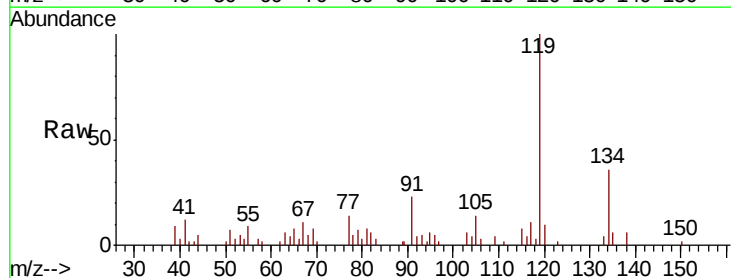


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

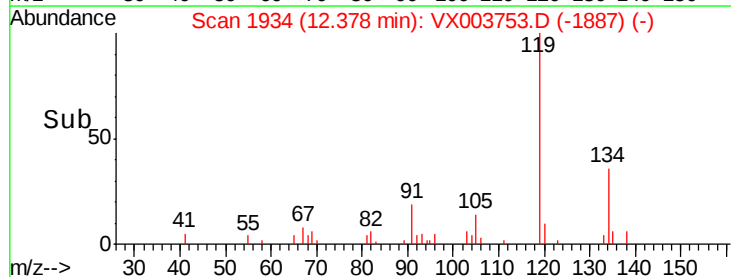
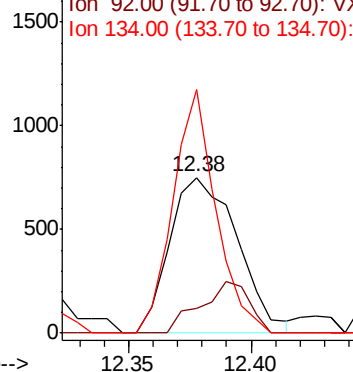


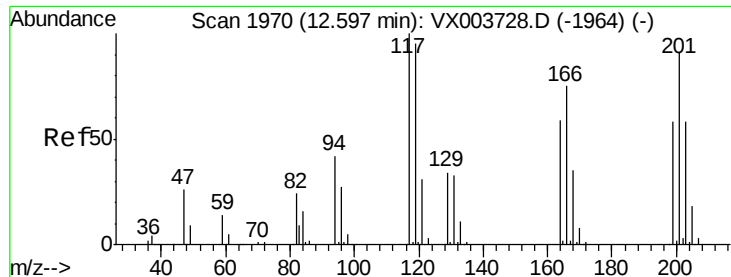
#89
 n-Butylbenzene
 Concen: 0.40 ug/l
 RT: 12.38 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: VX003753.D
 Acq: 31 Jul 2018 16:34

Tgt Ion: 91 Resp: 1443
 Ion Ratio Lower Upper
 91 100
 92 23.6 26.2 78.5#
 134 99.0 13.6 40.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 92.00 (91.70 to 92.70): VX0
 Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 10.78 ug/l

RT: 12.76 min Scan# 1996

Delta R.T. 0.16 min

Lab File: VX003753.D

Acq: 31 Jul 2018 16:34

Instrument :

MSVOA_X

ClientSampled :

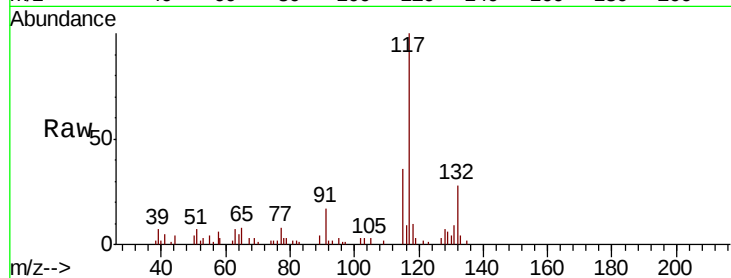
SB-8(10-12)

Tot Ion:117 Resp: 6048

Ion Ratio Lower Upper

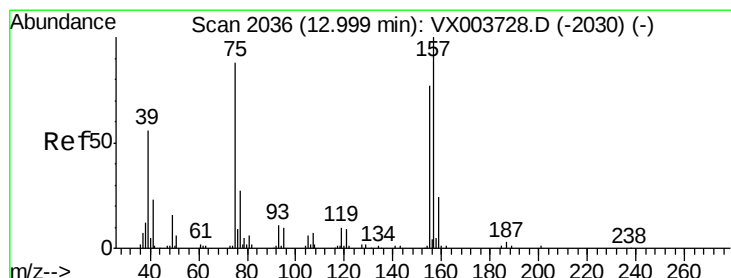
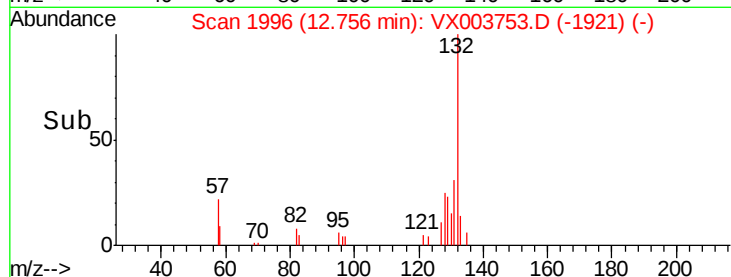
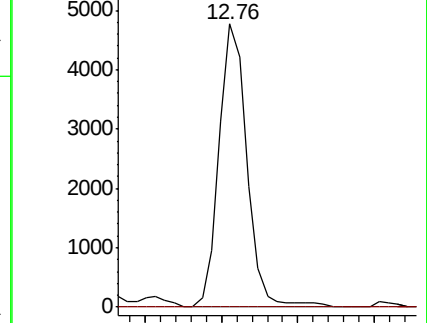
117 100

201 0.0 49.3 147.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.73 ug/l

RT: 12.82 min Scan# 2006

Delta R.T. -0.18 min

Lab File: VX003753.D

Acq: 31 Jul 2018 16:34

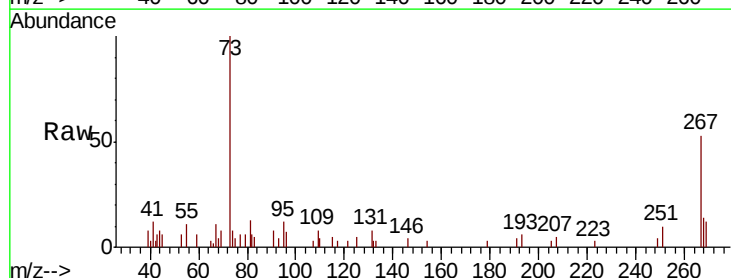
Tgt Ion: 75 Resp: 144

Ion Ratio Lower Upper

75 100

155 0.0 48.9 146.7#

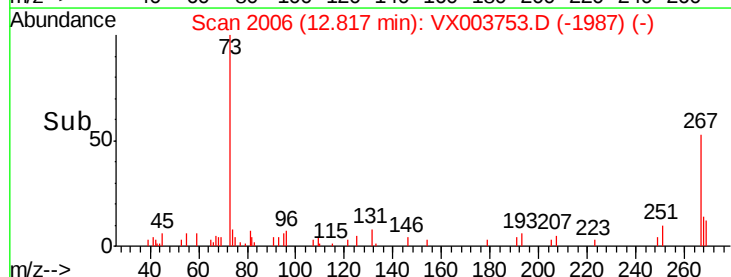
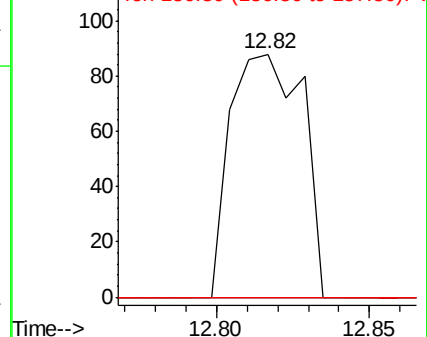
157 0.0 63.7 191.1#

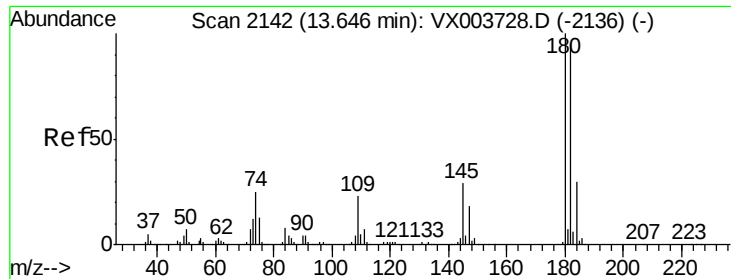


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

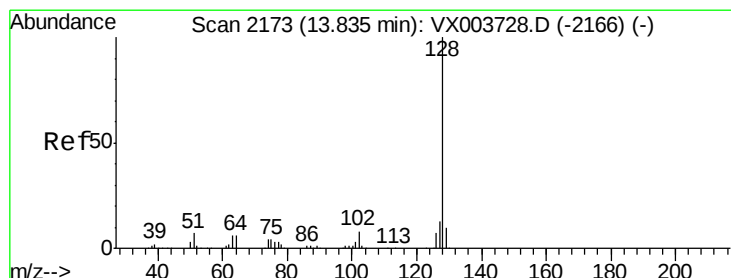
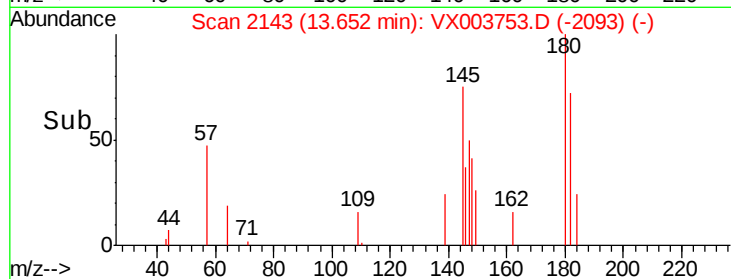
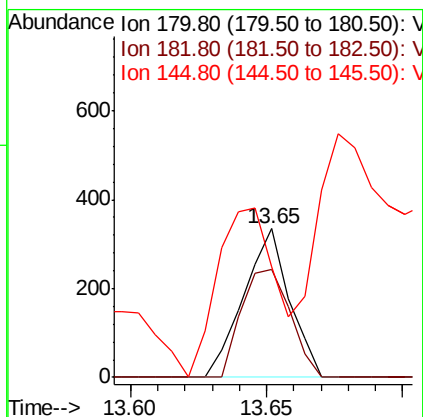
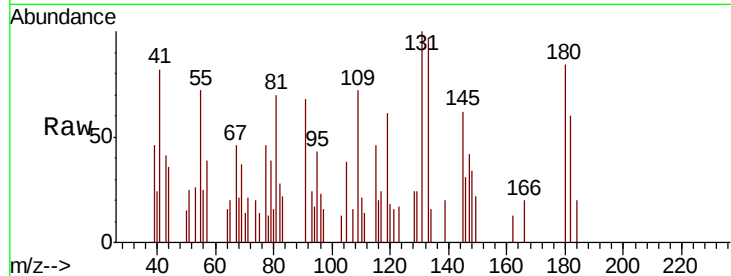




#93
 1,2,4-Trichlorobenzene
 Concen: 0.26 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: VX003753.D
 Acq: 31 Jul 2018 16:34

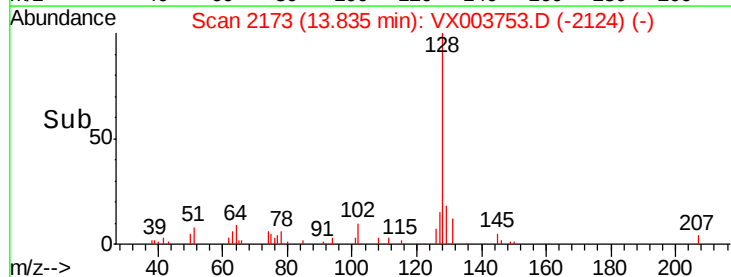
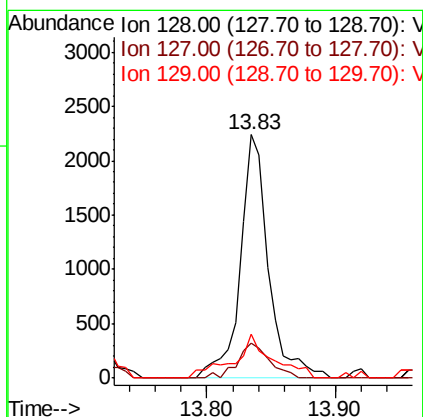
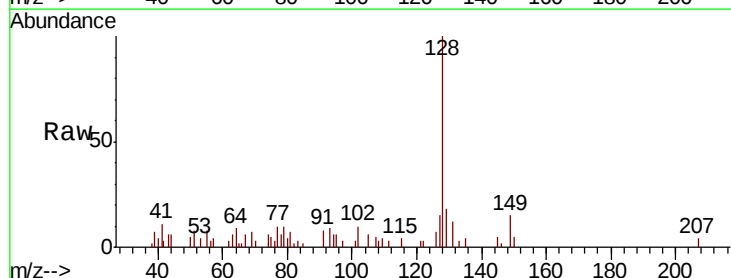
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-8(10-12)

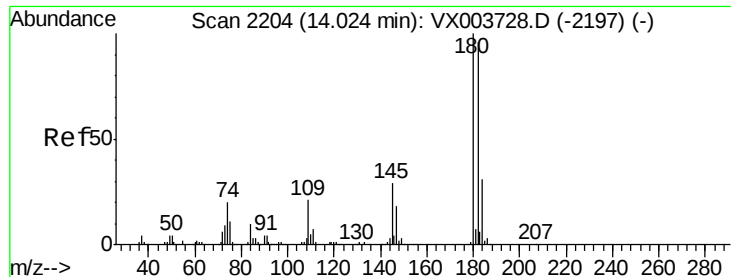
Tot Ion:180 Resp: 392
 Ion Ratio Lower Upper
 180 100
 182 77.3 47.6 142.9
 145 143.6 14.1 42.2#



#95
 Naphthalene
 Concen: 1.06 ug/l
 RT: 13.83 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: VX003753.D
 Acq: 31 Jul 2018 16:34

Tgt Ion:128 Resp: 3395
 Ion Ratio Lower Upper
 128 100
 127 16.3 10.2 15.2#
 129 24.8 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.28 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX003753.D
 Acq: 31 Jul 2018 16:34

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-8(10-12)

Tot Ion	Ratio	Lower	Upper
180	100		
182	100.8	47.9	143.8
145	410.6	14.7	44.1#

