

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102618\
 Data File : VX005641.D
 Acq On : 27 Oct 2018 08:14
 Operator : JC/MD
 Sample : J5690-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15

Quant Time: Oct 29 00:52:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	244042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	343552	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	291959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	149842	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	147624	49.55	ug/l	0.00
Spiked Amount			Recovery	=	99.10%	
35) Dibromofluoromethane	5.51	113	110089	47.32	ug/l	0.00
Spiked Amount			Recovery	=	94.64%	
50) Toluene-d8	8.71	98	390537	46.72	ug/l	0.00
Spiked Amount			Recovery	=	93.44%	
62) 4-Bromofluorobenzene	11.14	95	141362	44.78	ug/l	0.00
Spiked Amount			Recovery	=	89.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1485	0.484	ug/l #	68
4) Vinyl Chloride	1.40	62	1648	0.546	ug/l #	1
5) Bromomethane	1.64	94	387	0.206	ug/l	84
6) Chloroethane	1.88	64	1159	0.601	ug/l #	64
10) Methyl Iodide	2.52	142	78	2.755	ug/l #	75
11) Tert butyl alcohol	3.06	59	7339	9.155	ug/l	99
16) Acetone	2.45	43	6805	4.323	ug/l #	88
17) Carbon Disulfide	2.57	76	1502	0.215	ug/l #	82
18) Methyl Acetate	2.77	43	143	Below Cal	#	76
19) Methyl tert-butyl Ether	3.20	73	3361	0.411	ug/l	95
20) Methylene Chloride	2.86	84	600	0.228	ug/l #	89
22) Diisopropyl ether	3.87	45	15899	1.781	ug/l #	85
23) Vinyl Acetate	3.87	43	8335	1.060	ug/l #	74
24) 1,1-Dichloroethane	3.70	63	1748	0.360	ug/l #	88
27) cis-1,2-Dichloroethene	4.60	96	3862	1.432	ug/l	97
29) Tetrahydrofuran	5.16	42	1374	0.881	ug/l	99
36) 1,1-Dichloropropene	5.67	75	16109	4.832	ug/l #	50
38) Carbon Tetrachloride	5.67	117	20791	5.921	ug/l #	16
39) Methylcyclohexane	7.46	83	2207	0.599	ug/l	91
40) Benzene	6.13	78	18737	1.960	ug/l	94
41) Methacrylonitrile	5.17	41	955	0.403	ug/l #	51
45) 1,2-Dichloropropane	7.51	63	2774	1.080	ug/l	97
52) Toluene	8.79	92	2984	0.514	ug/l	100
55) 1,1,2-Trichloroethane	9.16	97	3705	1.513	ug/l #	19
56) Ethyl methacrylate	9.16	69	1052	0.288	ug/l #	25
67) Ethyl Benzene	10.25	91	325581	31.830	ug/l	99
68) m/p-Xylenes	10.25	106	100205	25.250	ug/l #	22
69) o-Xylene	10.70	106	6266	1.678	ug/l	93
73) Isopropylbenzene	11.02	105	267506	29.205	ug/l	99
76) 1,2,3-Trichloropropane	11.14	75	71055	22.381	ug/l #	37
78) n-propylbenzene	11.36	91	201487	19.238	ug/l	98
79) 2-Chlorotoluene	11.36	91	201487	31.027	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.67	105	41674	5.319	ug/l	73
81) trans-1,4-Dichloro-2-buten	11.02	75	3513	3.616	ug/l #	72

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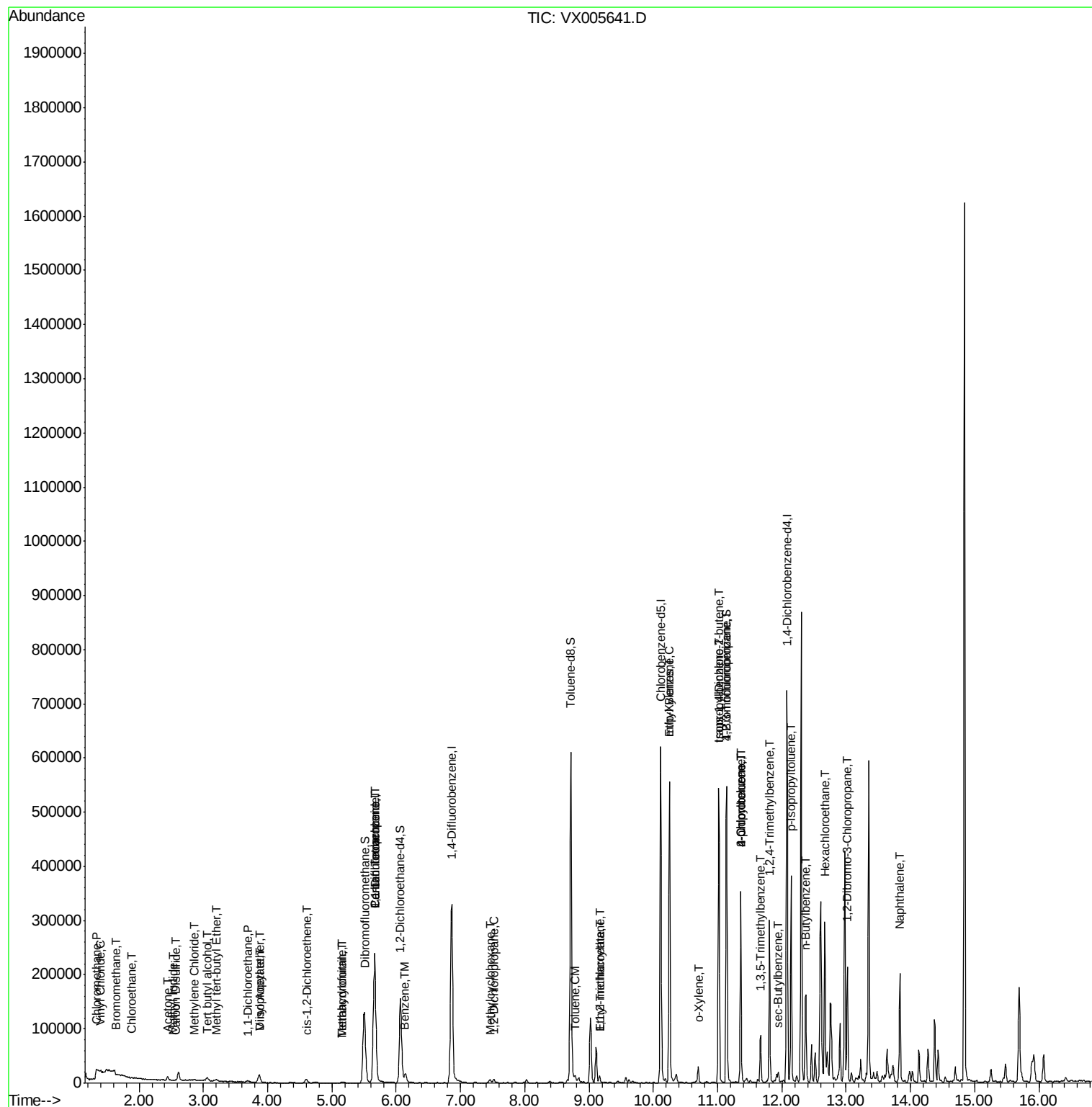
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.36	91	201487	26.313	ug/l #	44
84) 1,2,4-Trimethylbenzene	11.81	105	132550	16.691	ug/l	99
85) sec-Butylbenzene	11.94	105	8952	0.961	ug/l	99
86) p-Isopropyltoluene	12.15	119	17480	2.098	ug/l #	1
89) n-Butylbenzene	12.37	91	17476	2.323	ug/l #	15
90) Hexachloroethane	12.67	117	11915	8.292	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	13.02	75	594	0.727	ug/l #	1
95) Naphthalene	13.83	128	120090	11.735	ug/l	99

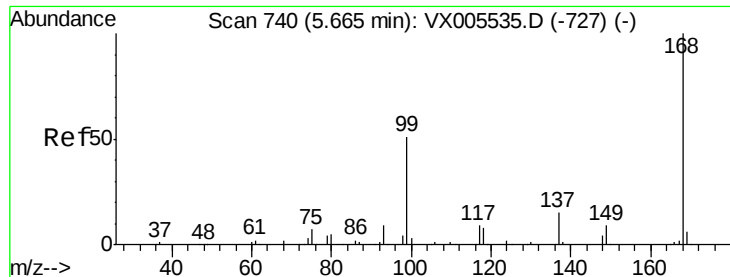
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005641.D

Acq: 27 Oct 2018 08:14

Instrument :

MSVOA_X

ClientSampleId :

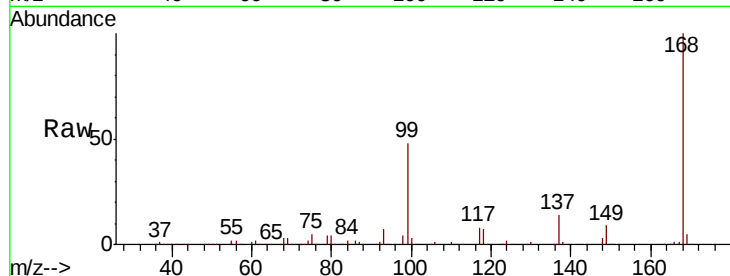
MW-15

Tot Ion:168 Resp: 244042

Ion Ratio Lower Upper

168 100

99 48.5 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

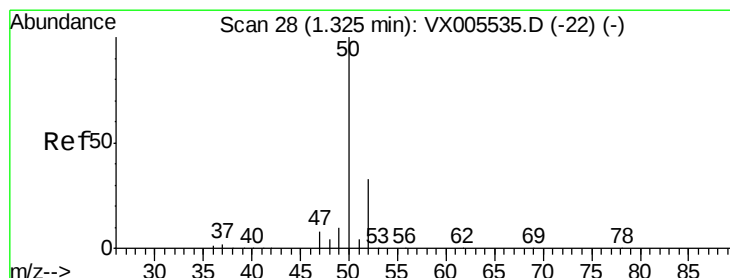
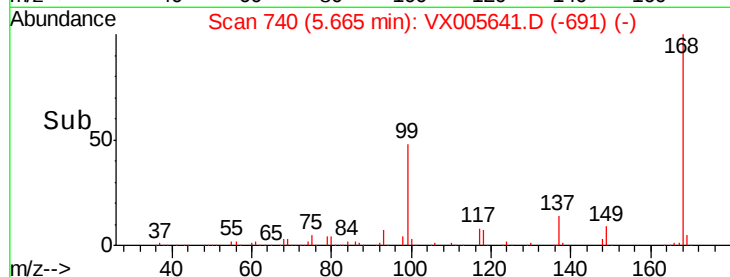
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.484 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX005641.D

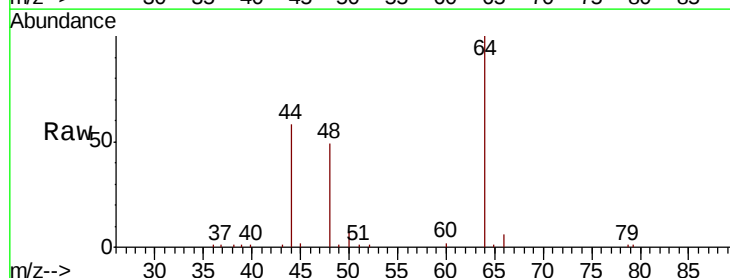
Acq: 27 Oct 2018 08:14

Tgt Ion: 50 Resp: 1485

Ion Ratio Lower Upper

50 100

52 14.7 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

800

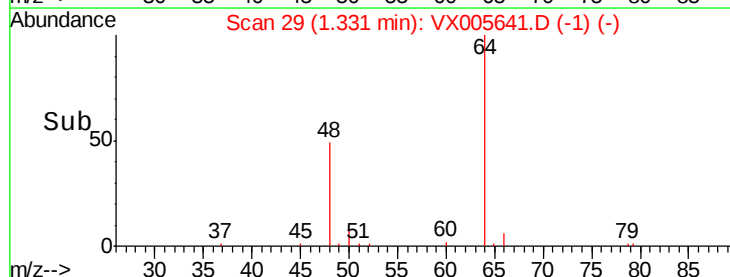
600

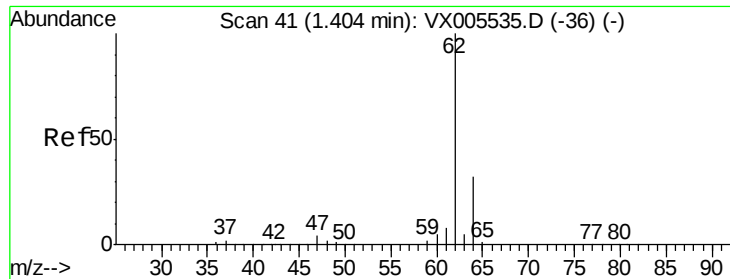
400

200

0

Time--> 1.30 1.35





#4

Vinyl Chloride

Concen: 0.546 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005641.D

Acq: 27 Oct 2018 08:14

Instrument :

MSVOA_X

ClientSampled :

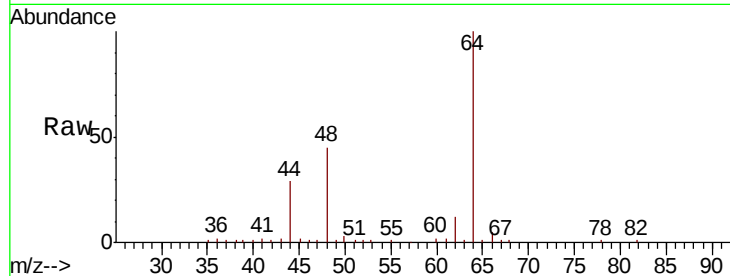
MW-15

Tot Ion: 62 Resp: 1648

Ion Ratio Lower Upper

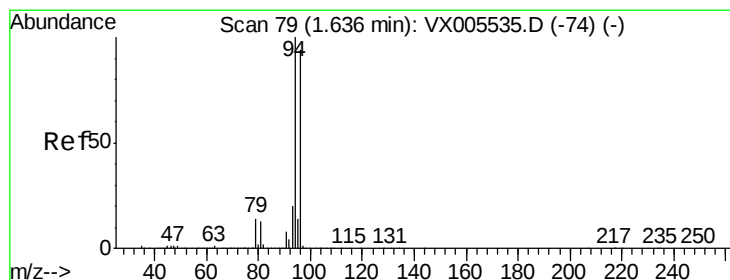
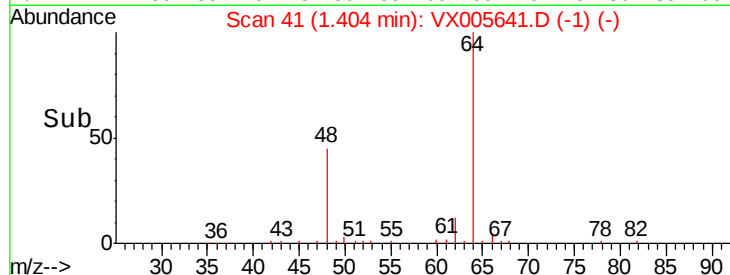
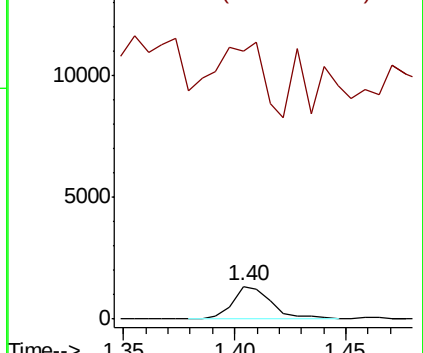
62 100

64 121.5 25.3 37.9#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: 0.206 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX005641.D

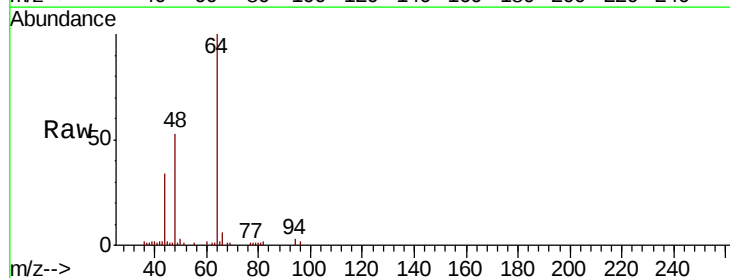
Acq: 27 Oct 2018 08:14

Tgt Ion: 94 Resp: 387

Ion Ratio Lower Upper

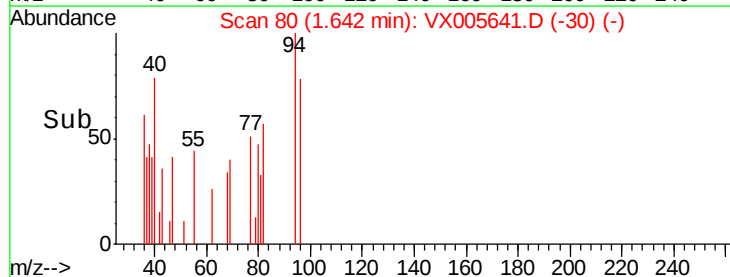
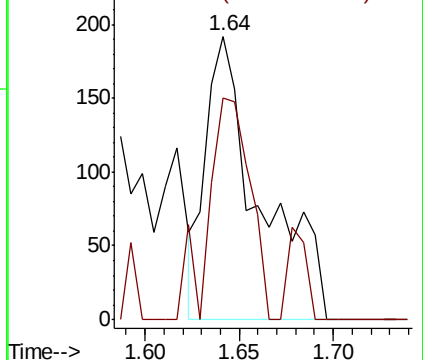
94 100

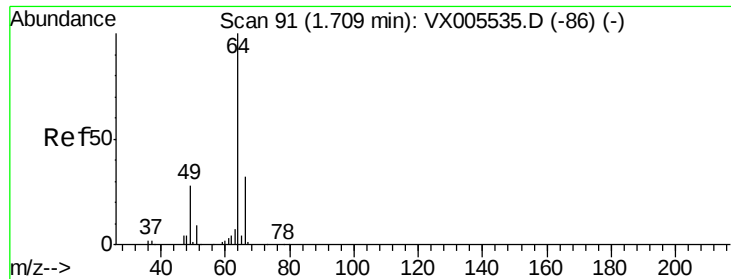
96 78.1 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.601 ug/l

RT: 1.88 min Scan# 119

Delta R.T. 0.17 min

Lab File: VX005641.D

Acq: 27 Oct 2018 08:14

Instrument :

MSVOA_X

ClientSampleId :

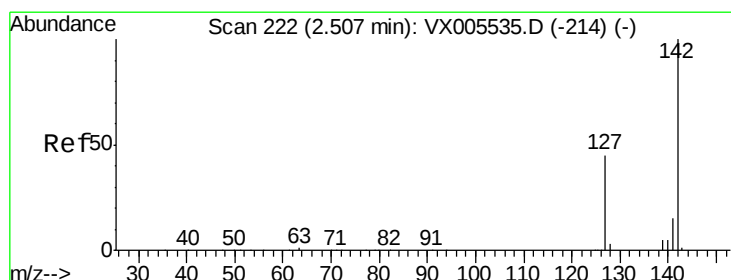
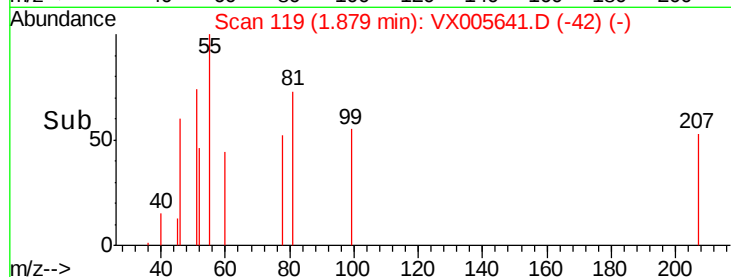
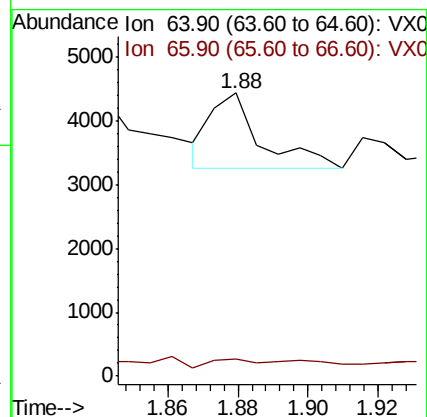
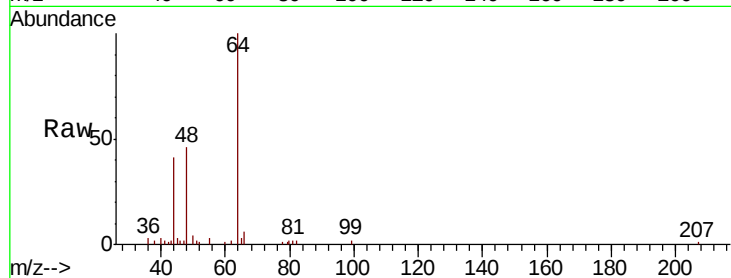
MW-15

Tot Ion: 64 Resp: 1159

Ion Ratio Lower Upper

64 100

66 12.3 25.8 38.6#



#10

Methyl Iodide

Concen: 2.755 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX005641.D

Acq: 27 Oct 2018 08:14

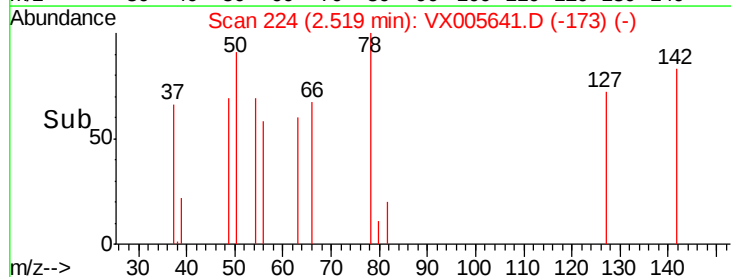
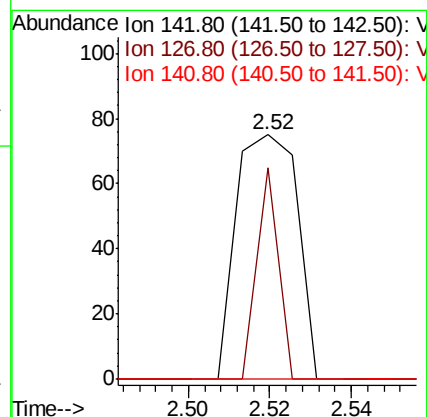
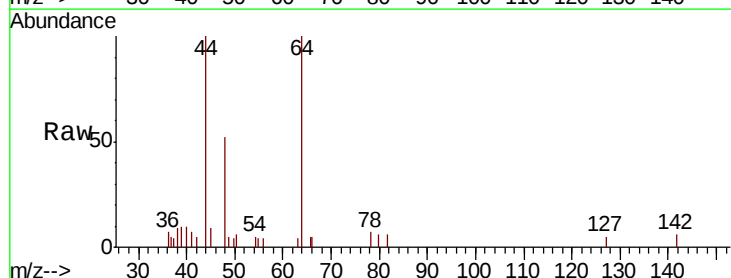
Tgt Ion: 142 Resp: 78

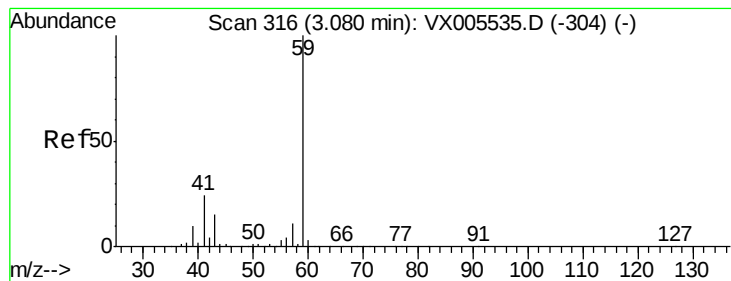
Ion Ratio Lower Upper

142 100

127 30.8 36.0 54.0#

141 0.0 11.7 17.5#





#11

Tert butyl alcohol

Concen: 9.155 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.02 min

Lab File: VX005641.D

Acq: 27 Oct 2018 08:14

Instrument :

MSVOA_X

ClientSampled :

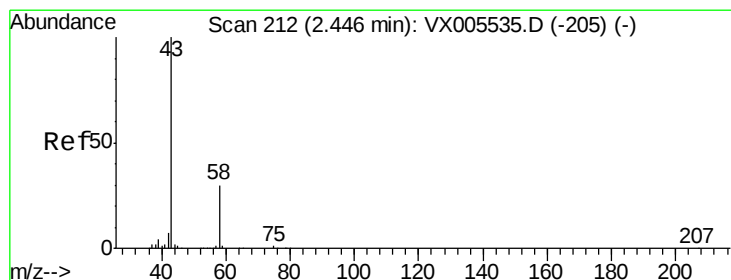
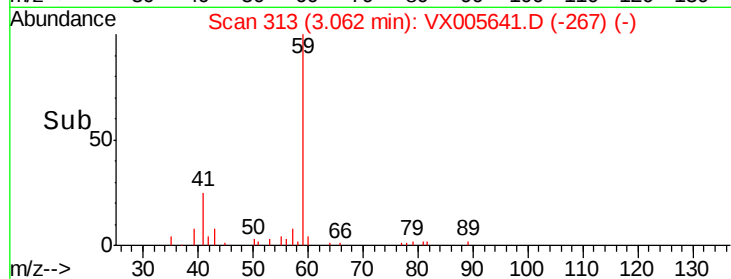
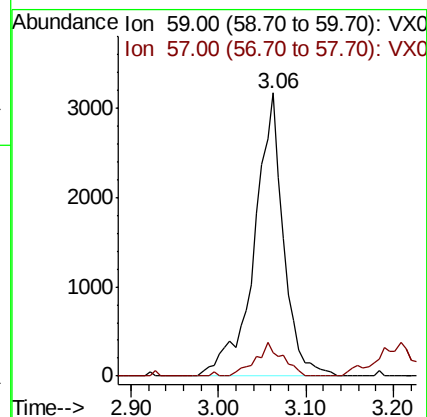
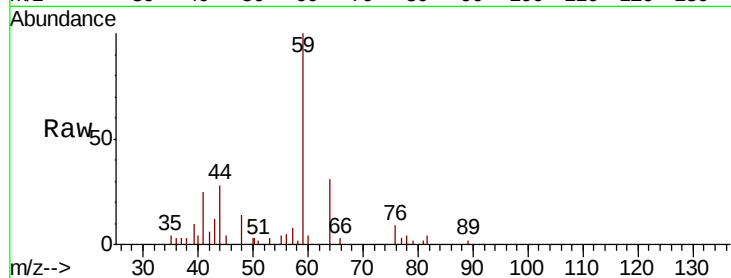
MW-15

Tot Ion: 59 Resp: 7339

Ion Ratio Lower Upper

59 100

57 10.9 8.5 12.7



#16

Acetone

Concen: 4.323 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005641.D

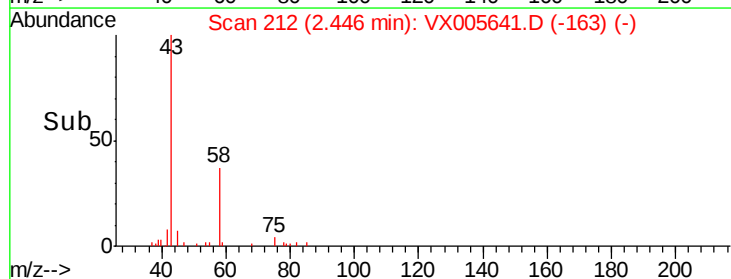
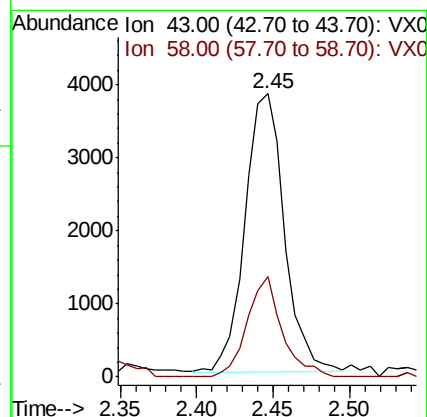
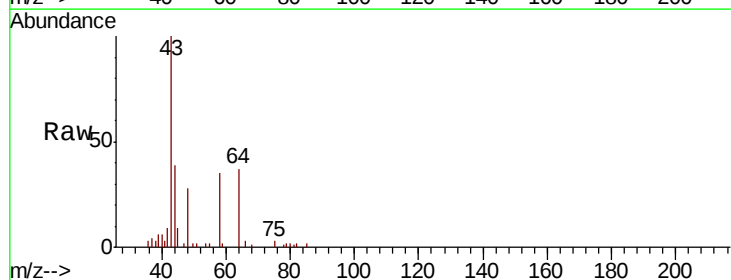
Acq: 27 Oct 2018 08:14

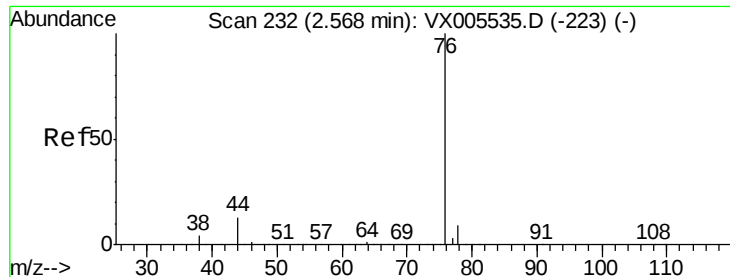
Tgt Ion: 43 Resp: 6805

Ion Ratio Lower Upper

43 100

58 36.1 23.8 35.6#





#17

Carbon Disulfide

Concen: 0.215 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005641.D

Acq: 27 Oct 2018 08:14

Instrument :

MSVOA_X

ClientSampleId :

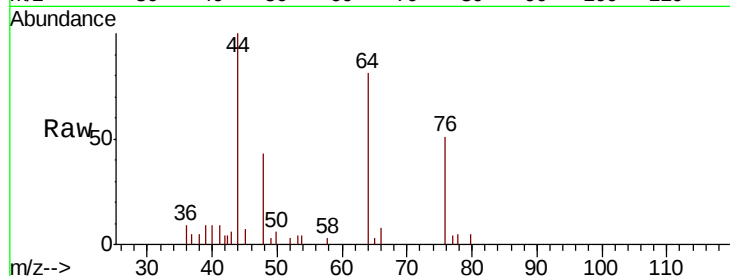
MW-15

Tot Ion: 76 Resp: 1502

Ion Ratio Lower Upper

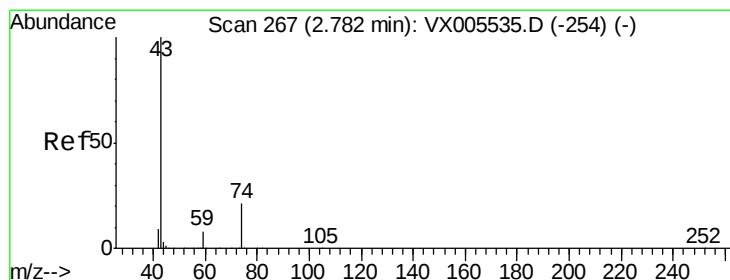
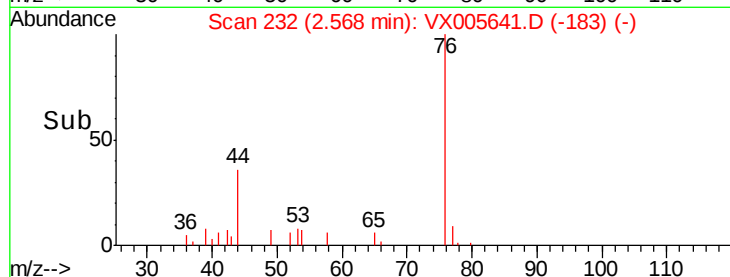
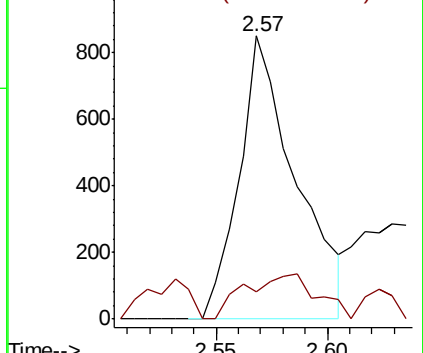
76 100

78 2.5 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: Below Cal

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX005641.D

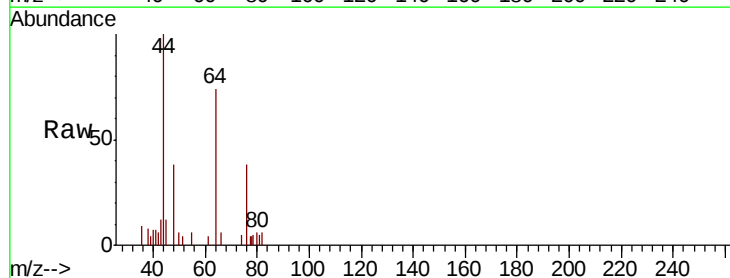
Acq: 27 Oct 2018 08:14

Tgt Ion: 43 Resp: 143

Ion Ratio Lower Upper

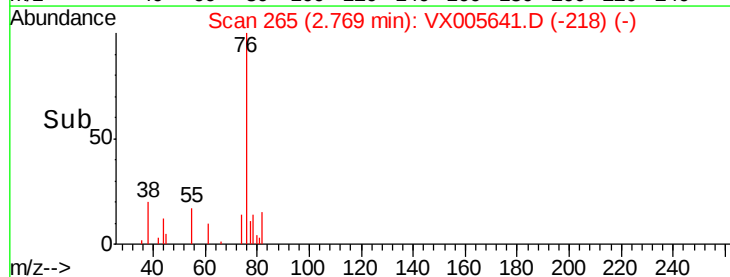
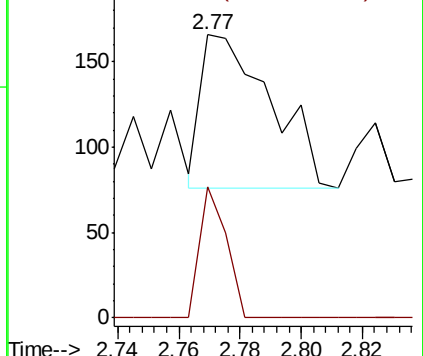
43 100

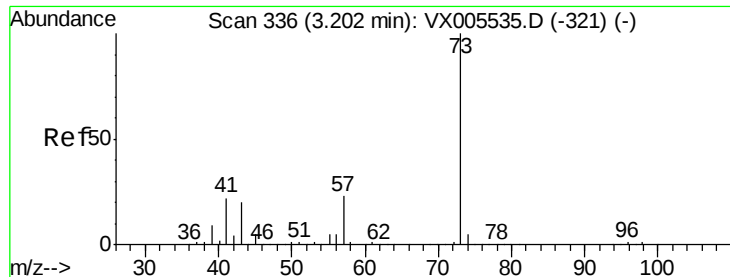
74 32.2 16.8 25.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



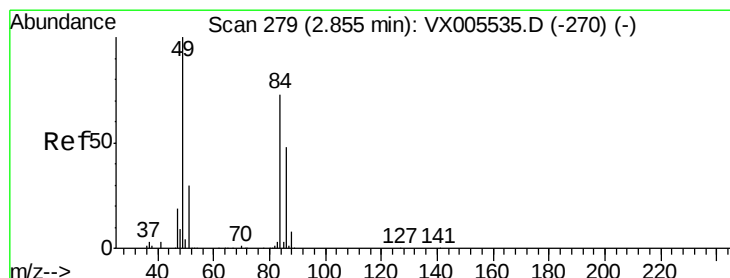
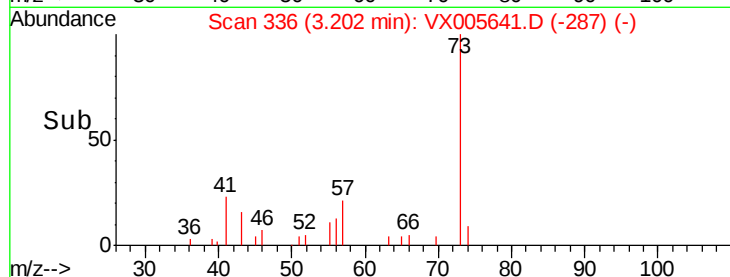
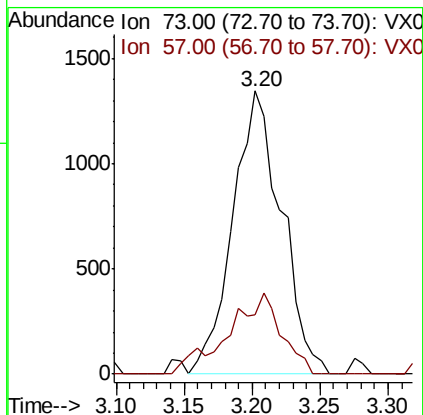
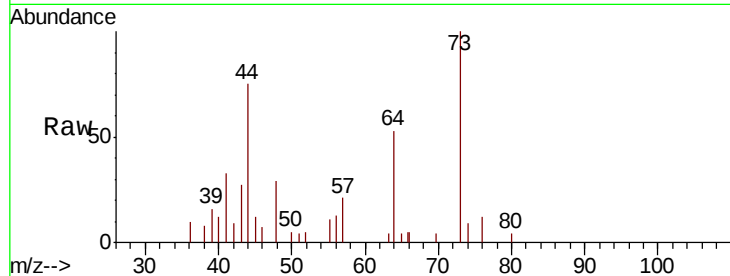


#19

Methyl tert-butyl Ether
 Concen: 0.411 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX005641.D
 Acq: 27 Oct 2018 08:14

Instrument :
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 ClientSampleId :
 MW-15

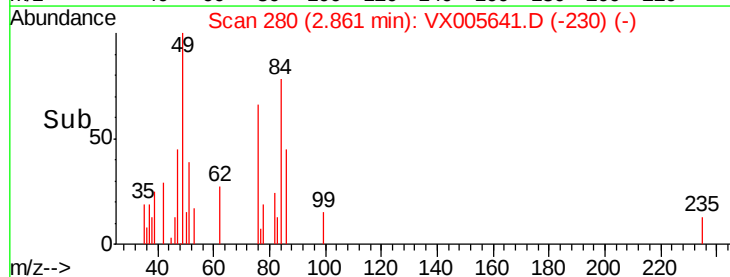
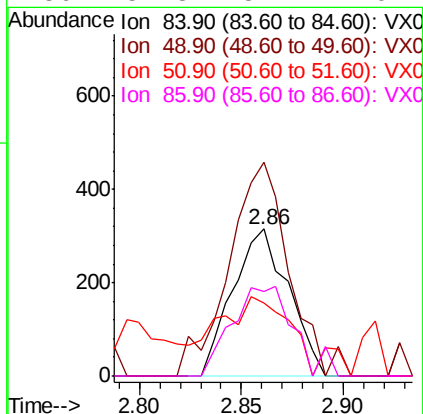
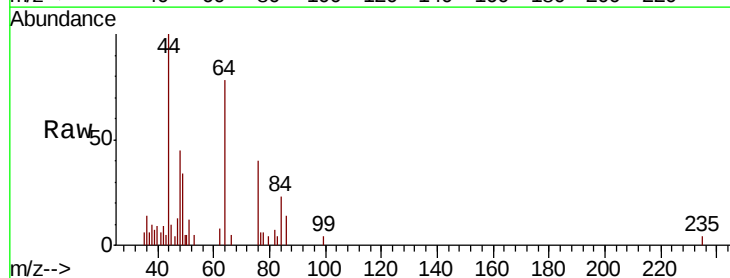
Tot Ion: 73 Resp: 3361
 Ion Ratio Lower Upper
 73 100
 57 21.2 18.8 28.2

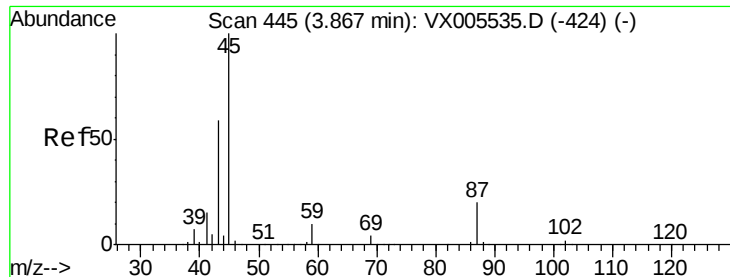


#20

Methylene Chloride
 Concen: 0.228 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.01 min
 Lab File: VX005641.D
 Acq: 27 Oct 2018 08:14

Tgt Ion: 84 Resp: 600
 Ion Ratio Lower Upper
 84 100
 49 125.1 109.5 164.3
 51 31.7 33.3 49.9#
 86 57.8 52.7 79.1





#22

Diisopropyl ether

Concen: 1.781 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX005641.D

Acq: 27 Oct 2018 08:14

Instrument :

MSVOA_X

ClientSampleId :

MW-15

Tot Ion: 45 Resp: 15899

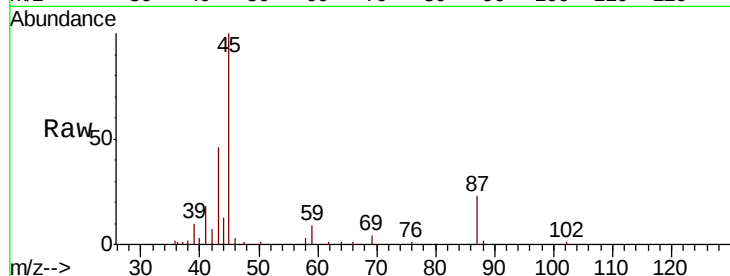
Ion Ratio Lower Upper

45 100

43 44.4 47.4 71.2#

87 22.9 15.9 23.9

59 8.9 7.7 11.5

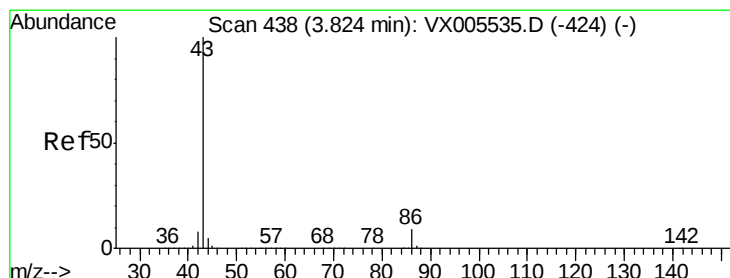
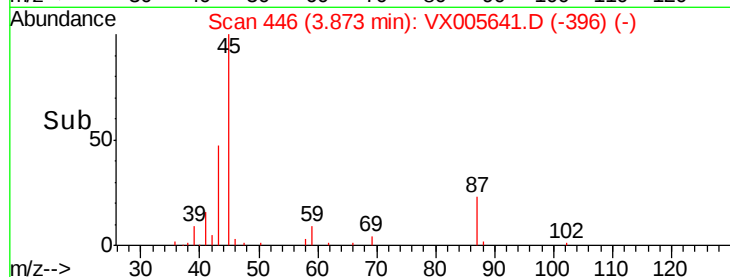
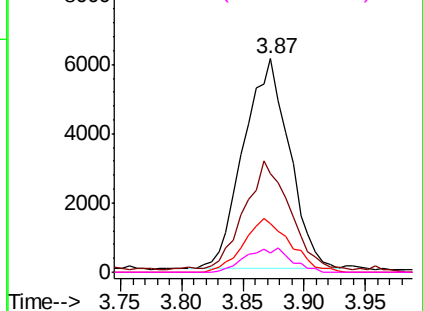


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0



#23

Vinyl Acetate

Concen: 1.060 ug/l

RT: 3.87 min Scan# 445

Delta R.T. 0.04 min

Lab File: VX005641.D

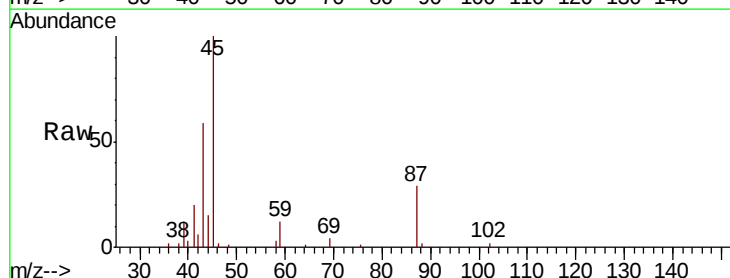
Acq: 27 Oct 2018 08:14

Tgt Ion: 43 Resp: 8335

Ion Ratio Lower Upper

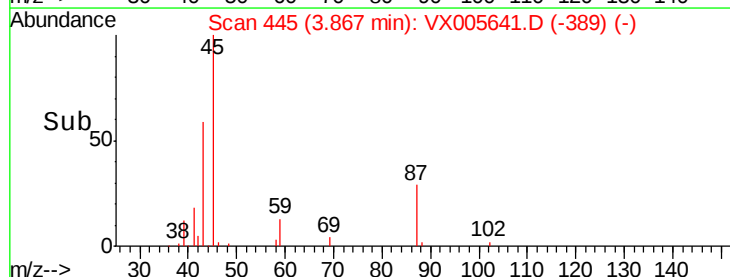
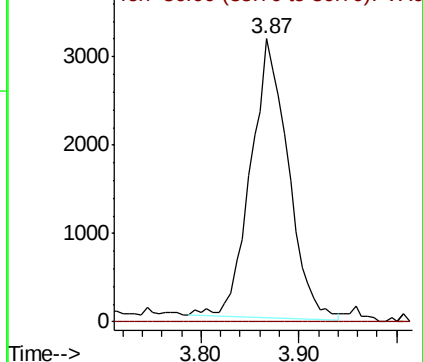
43 100

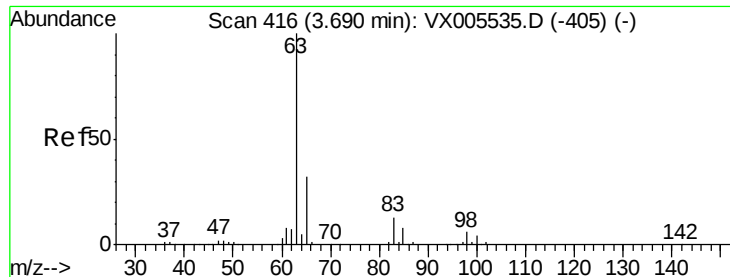
86 0.0 7.4 11.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#24

1,1-Dichloroethane

Concen: 0.360 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005641.D

Acq: 27 Oct 2018 08:14

Instrument :

MSVOA_X

ClientSampleId :

MW-15

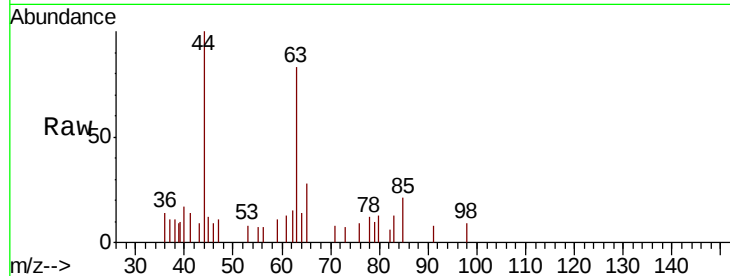
Tot Ion: 63 Resp: 1748

Ion Ratio Lower Upper

63 100

98 10.5 3.2 9.6#

100 0.0 2.1 6.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

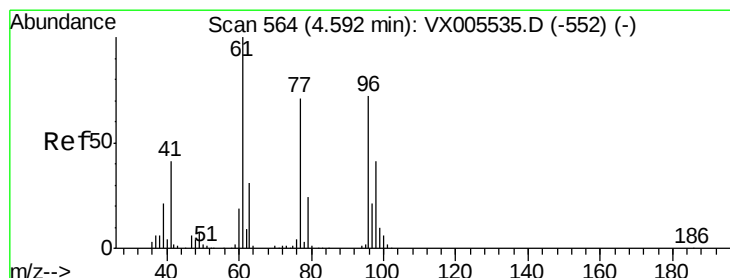
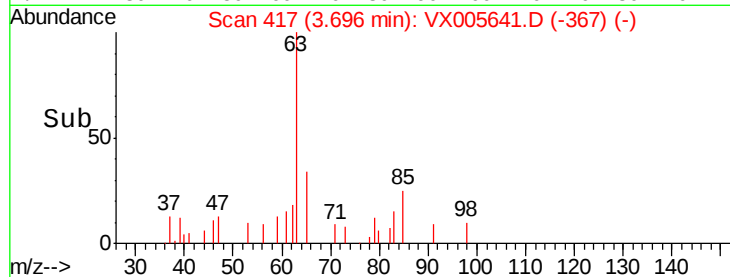
600

400

200

0

Time--> 3.60 3.65 3.70 3.75 3.80



#27

cis-1,2-Dichloroethene

Concen: 1.432 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX005641.D

Acq: 27 Oct 2018 08:14

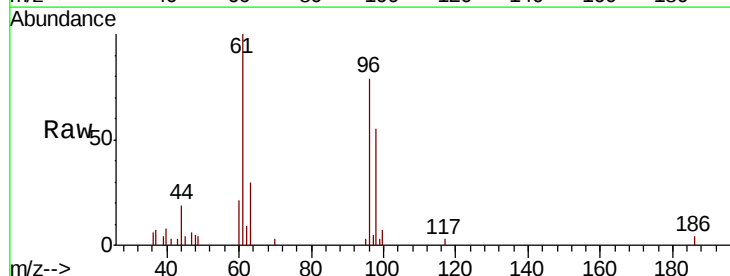
Tgt Ion: 96 Resp: 3862

Ion Ratio Lower Upper

96 100

61 148.8 0.0 304.6

98 67.9 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

2500

2000

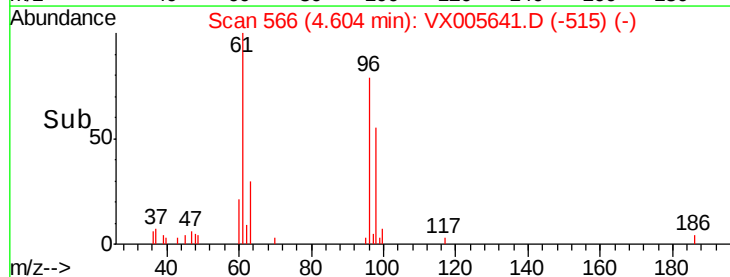
1500

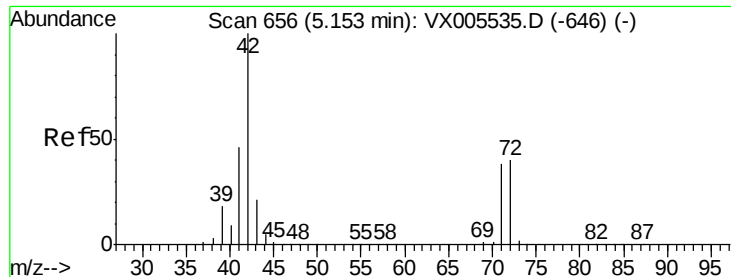
1000

500

0

Time--> 4.50 4.55 4.60 4.65 4.70





#29

Tetrahydrofuran

Concen: 0.881 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX005641.D

Acq: 27 Oct 2018 08:14

Instrument :

MSVOA_X

ClientSampled :

MW-15

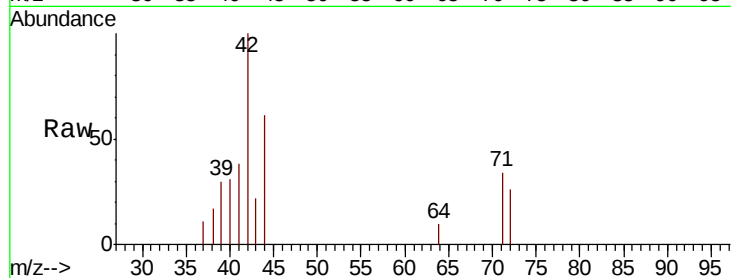
Tot Ion: 42 Resp: 1374

Ion Ratio Lower Upper

42 100

72 39.7 32.0 48.0

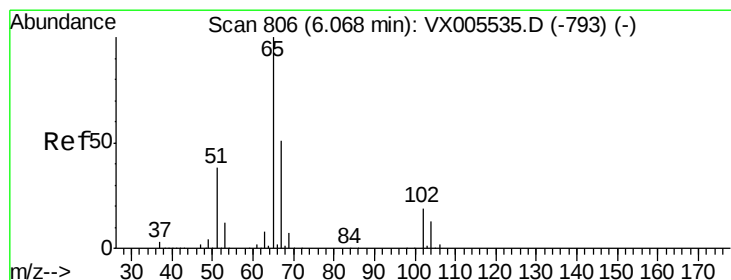
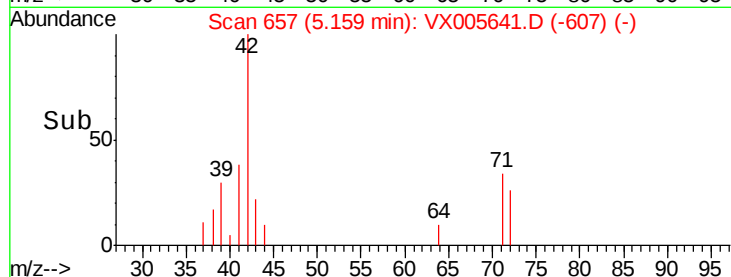
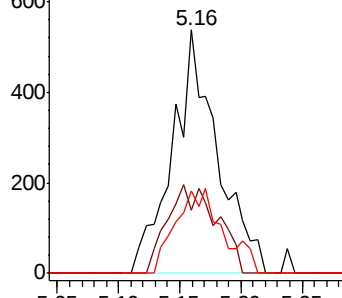
71 36.5 29.8 44.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.555 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005641.D

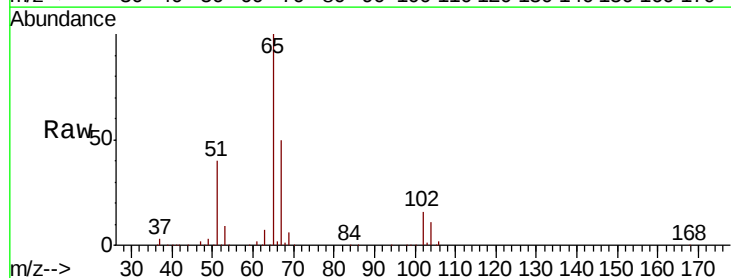
Acq: 27 Oct 2018 08:14

Tgt Ion: 65 Resp: 147624

Ion Ratio Lower Upper

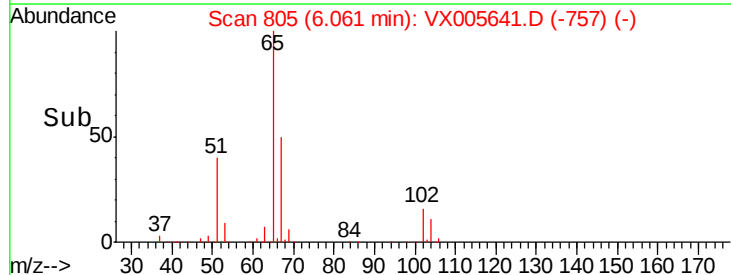
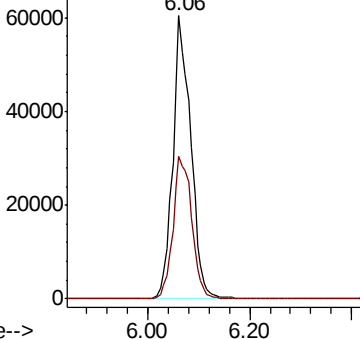
65 100

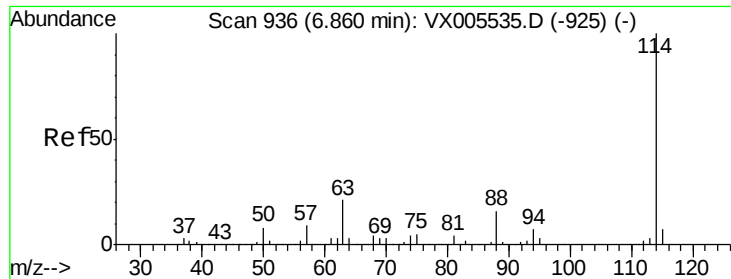
67 52.7 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

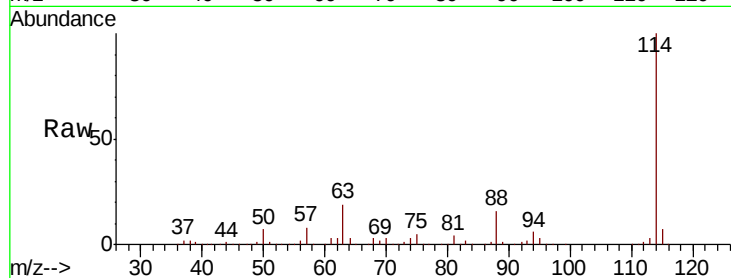




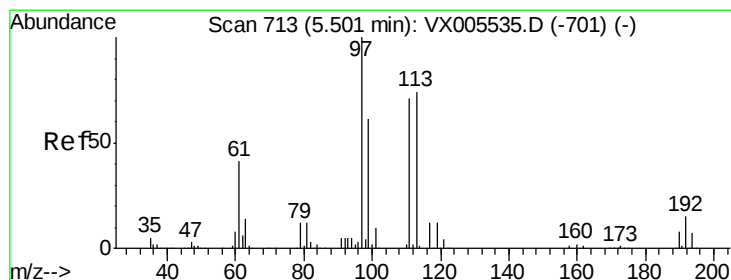
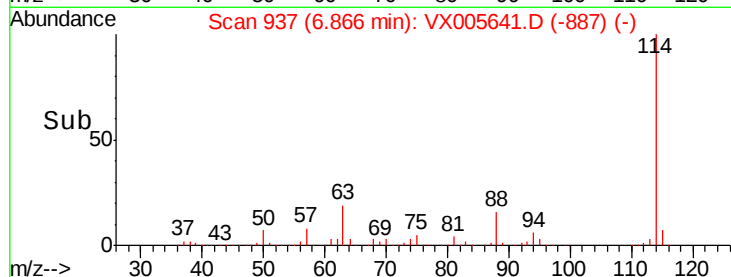
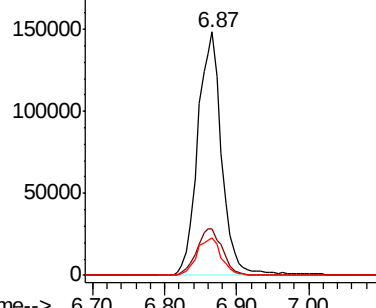
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 937
Delta R.T. 0.01 min
Lab File: VX005641.D
Acq: 27 Oct 2018 08:14

Instrument :
MSVOA_X
ClientSampleId :
MW-15

Tot Ion:114 Resp: 343552
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.8
88 15.5 0.0 31.2

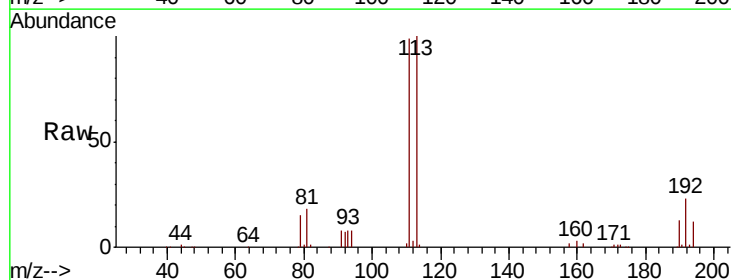


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

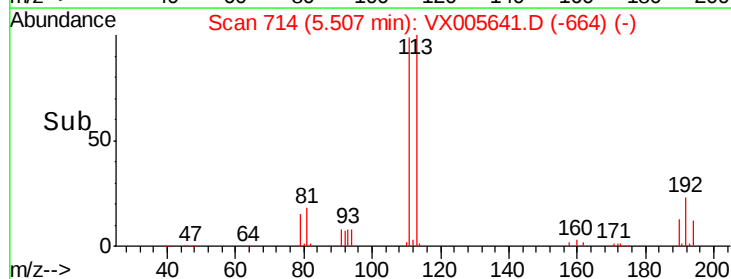
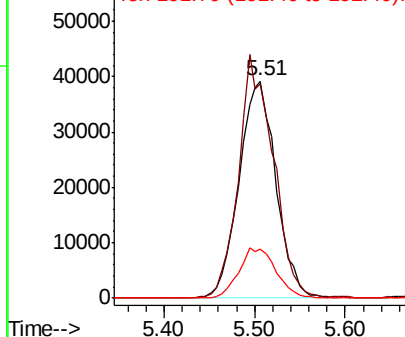


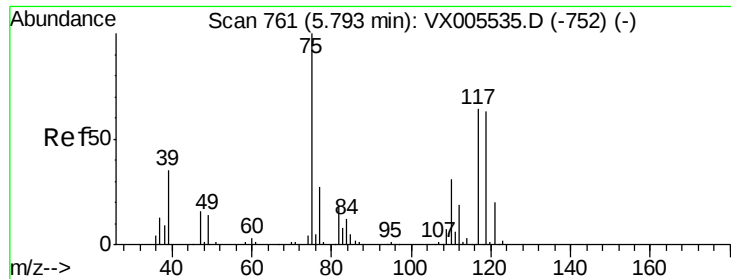
#35
Dibromofluoromethane
Concen: 47.325 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005641.D
Acq: 27 Oct 2018 08:14

Tgt Ion:113 Resp: 110089
Ion Ratio Lower Upper
113 100
111 105.5 82.3 123.5
192 23.4 17.9 26.9



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

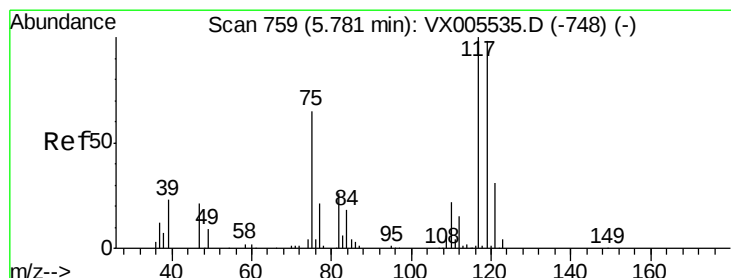
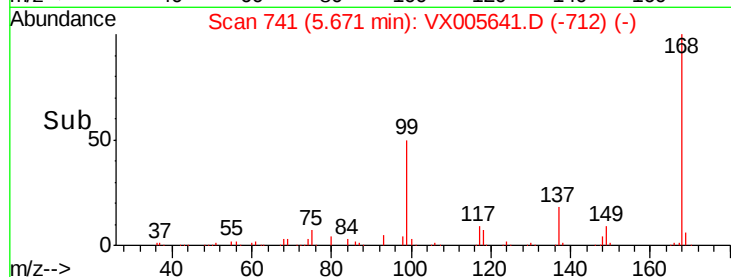
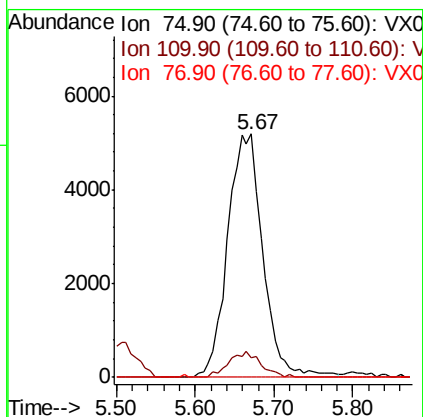
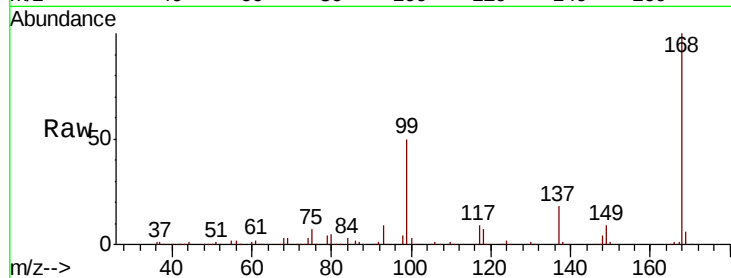




#36
 1,1-Dichloropropene
 Concen: 4.832 ug/l
 RT: 5.67 min Scan# 741
 Delta R.T. -0.12 min
 Lab File: VX005641.D
 Acq: 27 Oct 2018 08:14

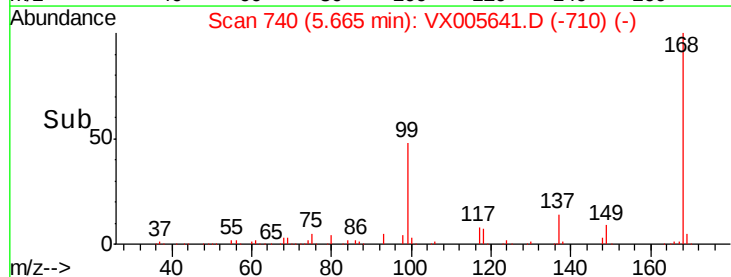
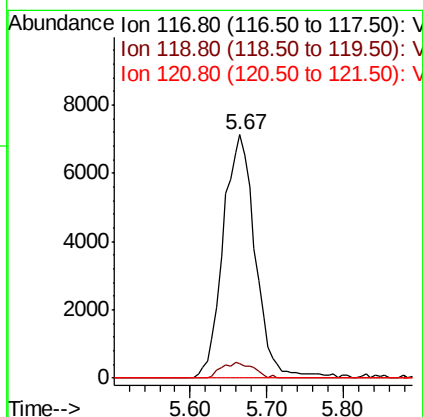
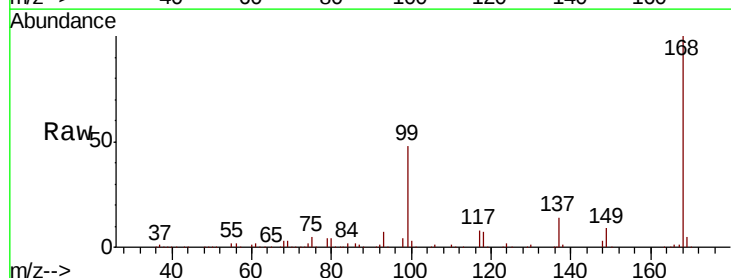
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15

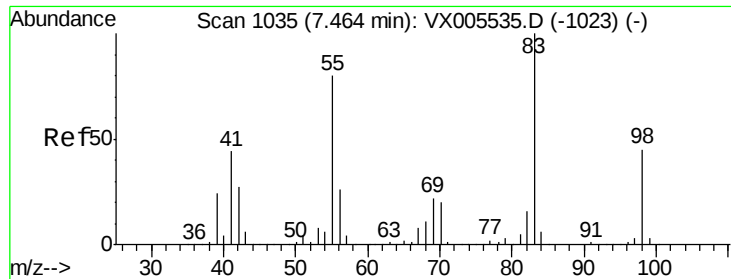
Tot Ion	75	Resp	16109
Ion Ratio	100	Lower	Upper
75	100		
110	9.5	17.4	52.2#
77	0.0	25.8	38.6#



#38
 Carbon Tetrachloride
 Concen: 5.921 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX005641.D
 Acq: 27 Oct 2018 08:14

Tgt Ion	117	Resp	20791
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	5.8	78.1	117.1#
121	0.0	24.6	36.8#

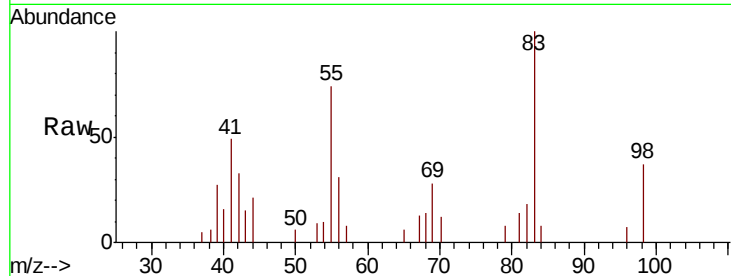




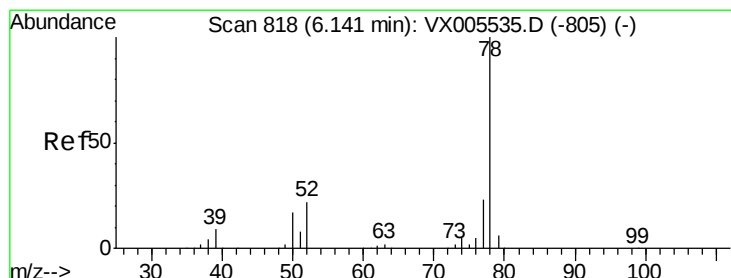
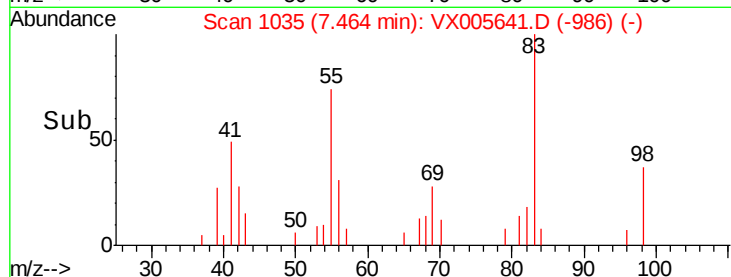
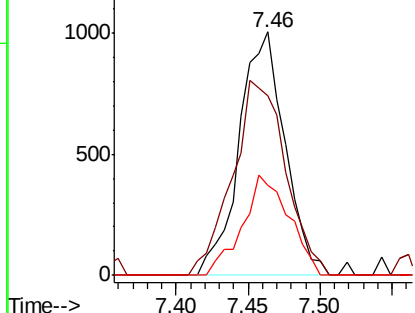
#39
Methvlcvclohexane
Concen: 0.599 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005641.D
Acq: 27 Oct 2018 08:14

Instrument :
MSVOA_X
ClientSampled :
MW-15

Tot Ion: 83 Resp: 2207
Ion Ratio Lower Upper
83 100
55 73.6 63.7 95.5
98 36.8 36.2 54.2

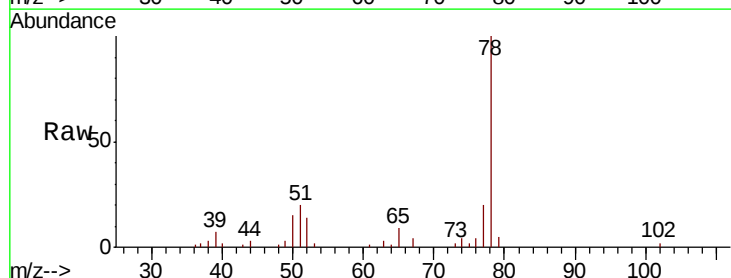


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

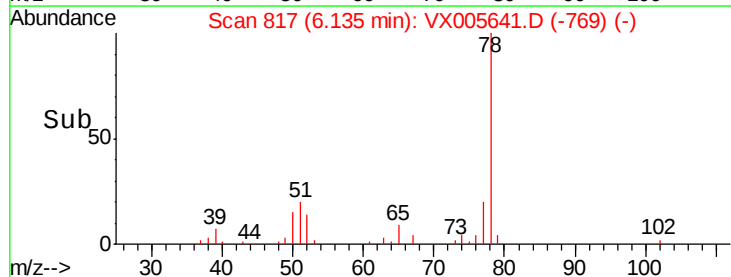
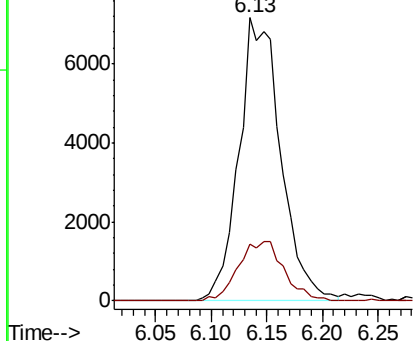


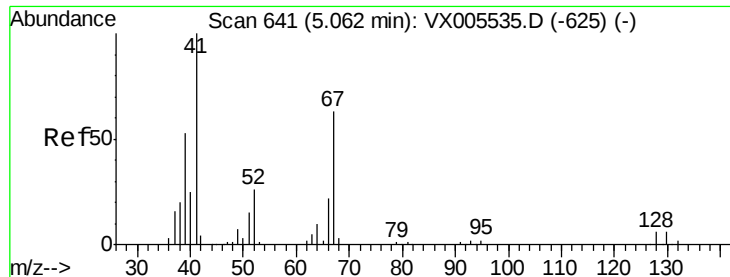
#40
Benzene
Concen: 1.960 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX005641.D
Acq: 27 Oct 2018 08:14

Tgt Ion: 78 Resp: 18737
Ion Ratio Lower Upper
78 100
77 20.3 18.4 27.6



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

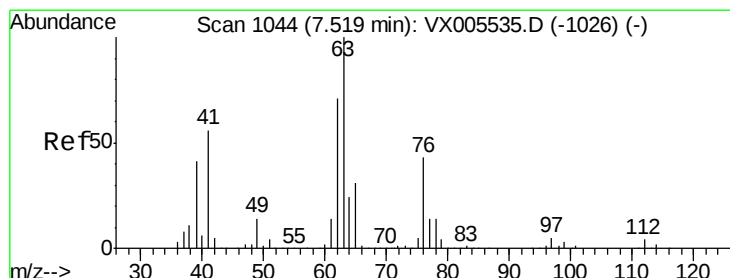
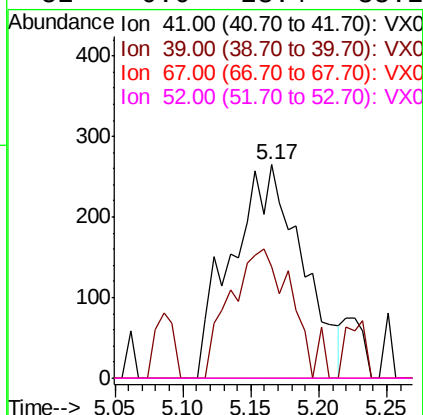
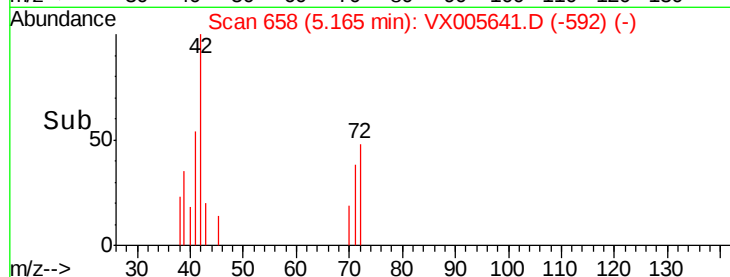
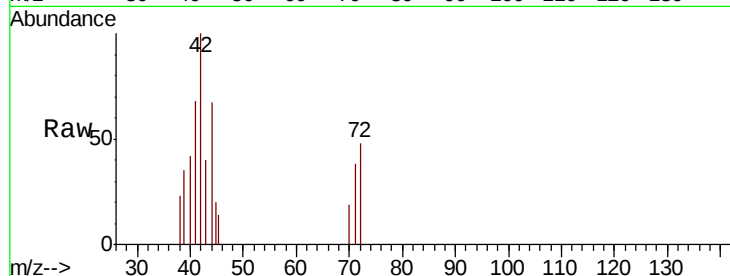




#41
Methacrylonitrile
Concen: 0.403 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.10 min
Lab File: VX005641.D
Acq: 27 Oct 2018 08:14

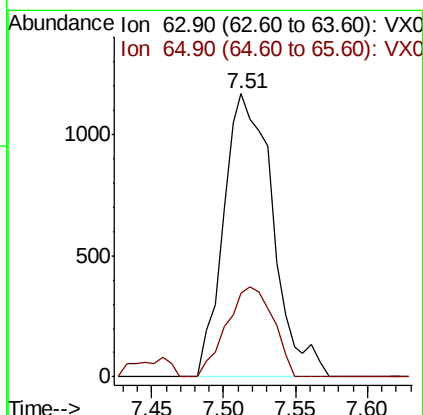
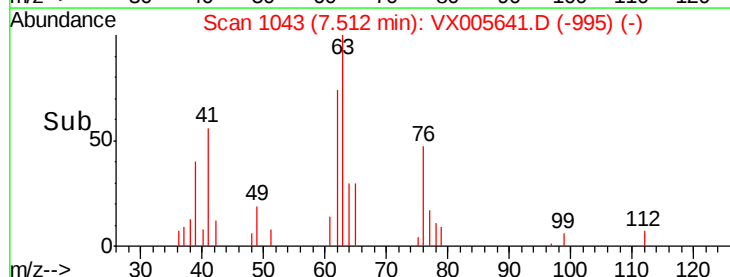
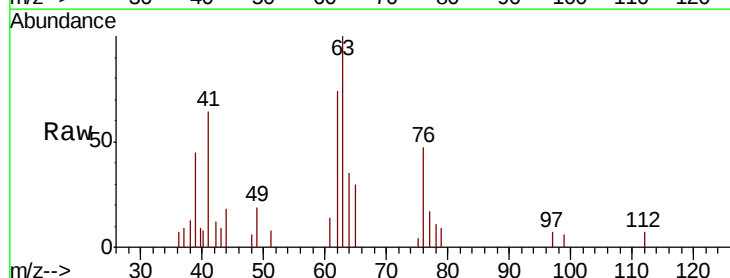
Instrument :
MSVOA_X
ClientSampled :
MW-15

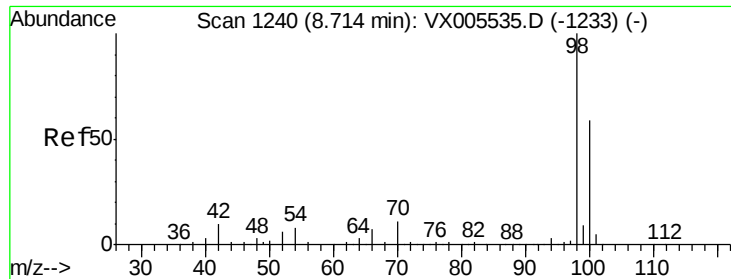
Tot Ion:	41	Resp:	955
Ion	Ratio	Lower	Upper
41	100		
39	53.5	42.2	63.2
67	0.0	53.4	80.0#
52	0.0	23.4	35.2#



#45
1,2-Dichloropropane
Concen: 1.080 ug/l
RT: 7.51 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VX005641.D
Acq: 27 Oct 2018 08:14

Tgt Ion:	63	Resp:	2774
Ion	Ratio	Lower	Upper
63	100		
65	29.5	24.8	37.2

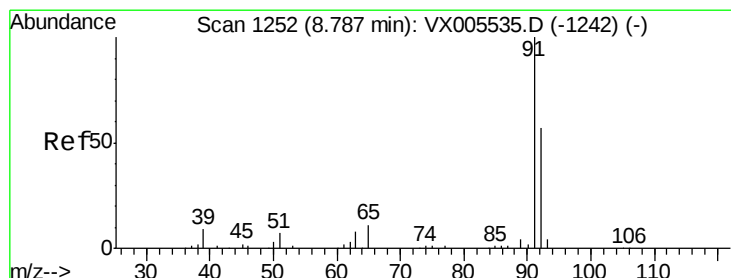
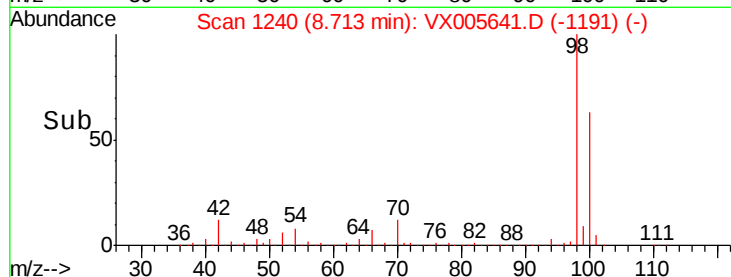
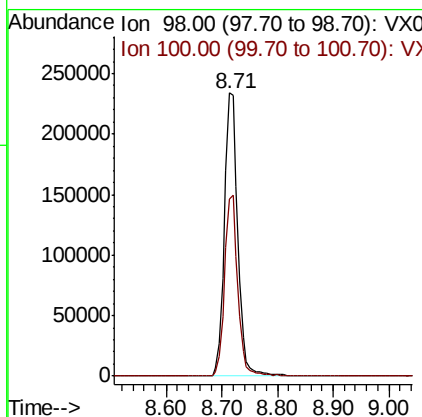
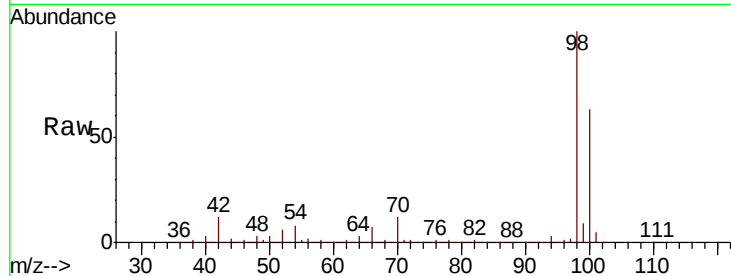




#50
Toluene-d8
Concen: 46.722 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005641.D
Acq: 27 Oct 2018 08:14

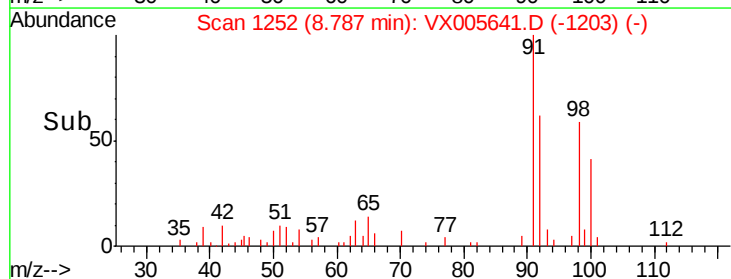
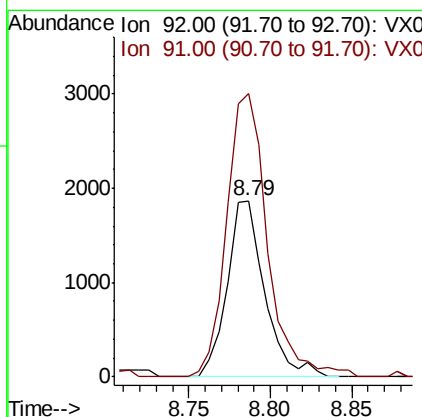
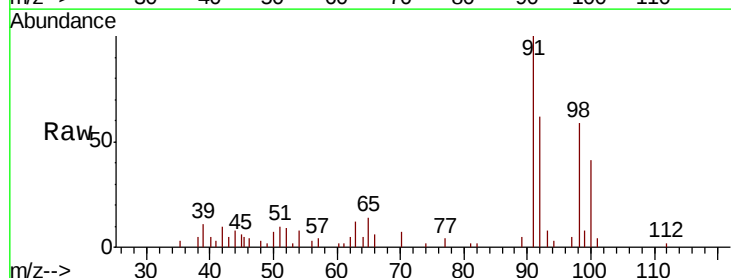
Instrument :
MSVOA_X
ClientSampled :
MW-15

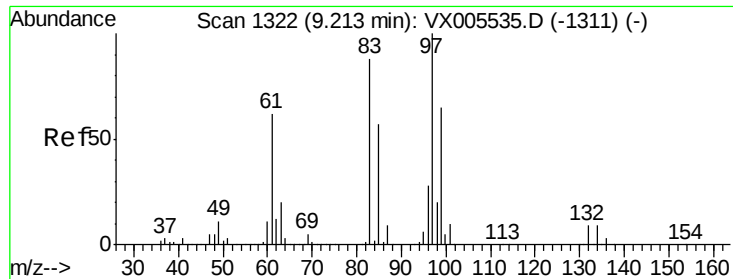
Tot Ion: 98 Resp: 390537
Ion Ratio Lower Upper
98 100
100 63.0 51.3 76.9



#52
Toluene
Concen: 0.514 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005641.D
Acq: 27 Oct 2018 08:14

Tgt Ion: 92 Resp: 2984
Ion Ratio Lower Upper
92 100
91 175.3 140.4 210.6

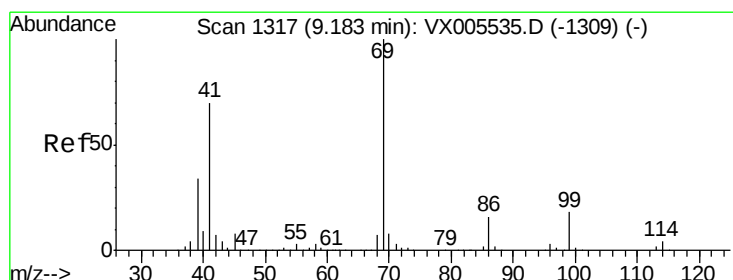
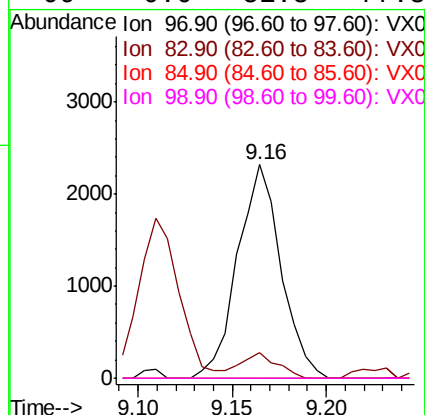
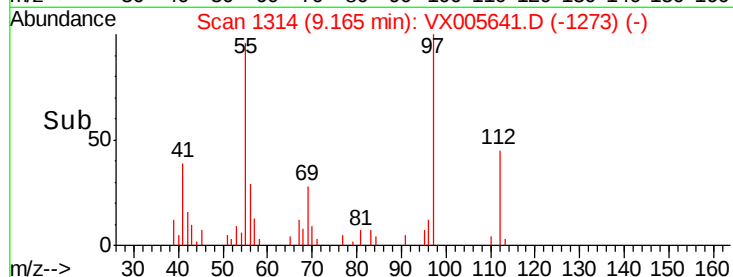
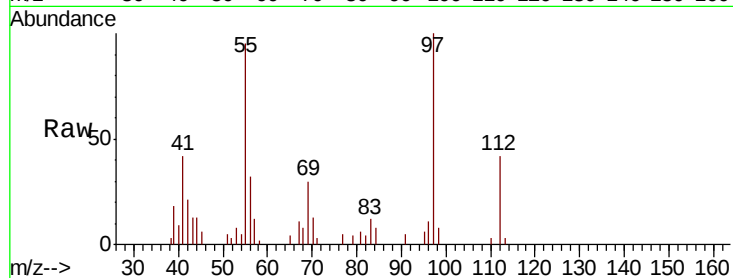




#55
 1,1,2-Trichloroethane
 Concen: 1.513 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX005641.D
 Acq: 27 Oct 2018 08:14

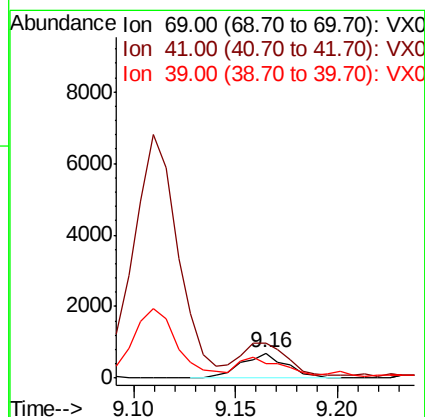
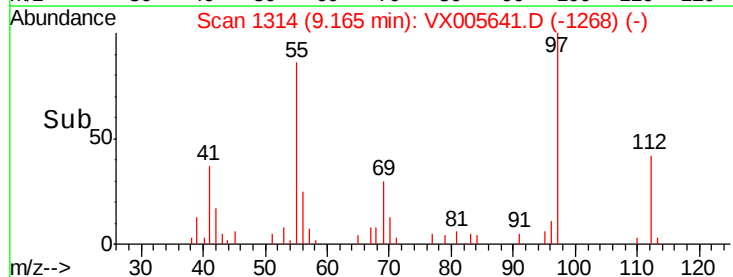
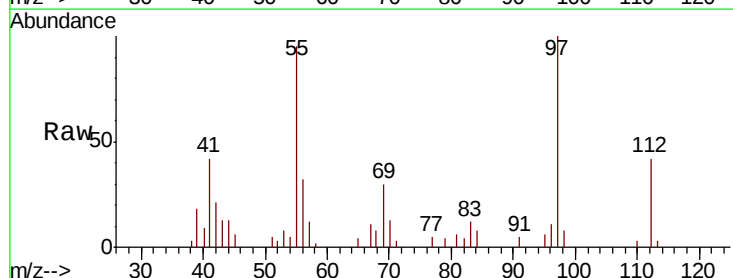
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15

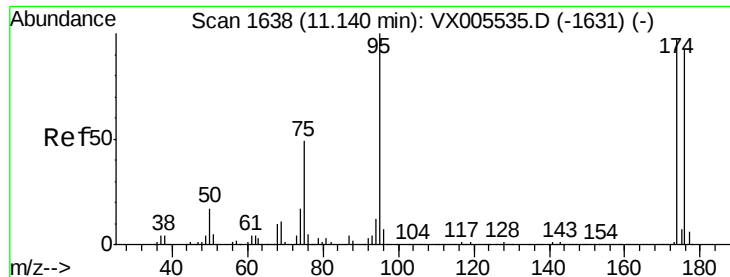
Tot Ion: 97 Resp: 3705
 Ion Ratio Lower Upper
 97 100
 83 12.2 70.7 106.1#
 85 0.0 45.8 68.6#
 99 0.0 51.8 77.8#



#56
 Ethyl methacrylate
 Concen: 0.288 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.02 min
 Lab File: VX005641.D
 Acq: 27 Oct 2018 08:14

Tgt Ion: 69 Resp: 1052
 Ion Ratio Lower Upper
 69 100
 41 143.2 57.0 85.6#
 39 65.9 28.3 42.5#

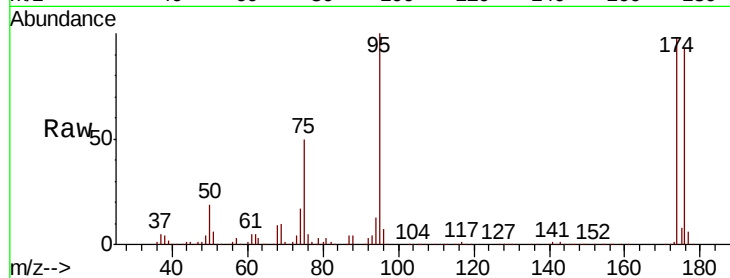




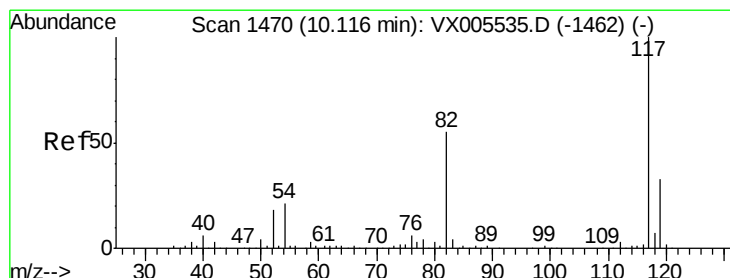
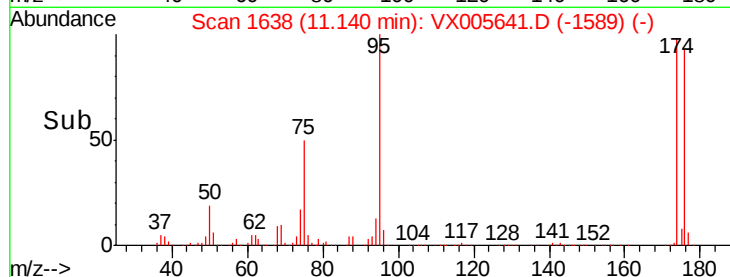
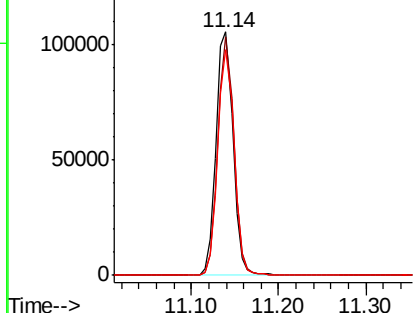
#62
4-Bromofluorobenzene
Concen: 44.783 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005641.D
Acq: 27 Oct 2018 08:14

Instrument :
MSVOA_X
ClientSampled :
MW-15

Tot Ion: 95 Resp: 141362
Ion Ratio Lower Upper
95 100
174 92.5 0.0 184.4
176 89.3 0.0 177.4

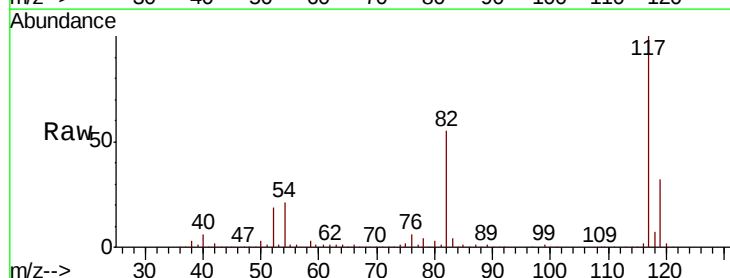


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

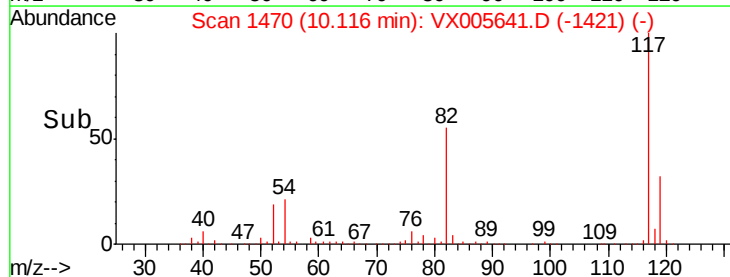
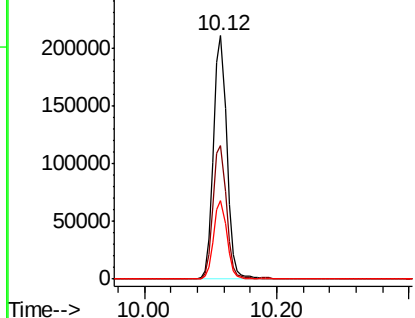


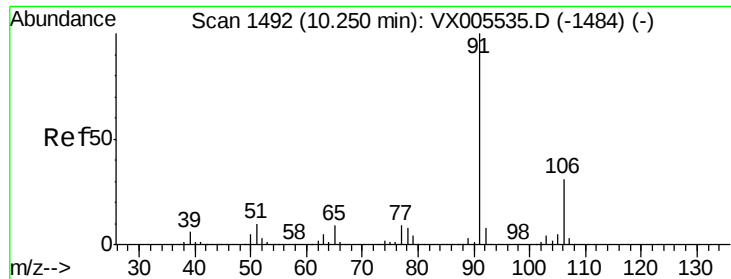
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005641.D
Acq: 27 Oct 2018 08:14

Tgt Ion: 117 Resp: 291959
Ion Ratio Lower Upper
117 100
82 54.7 44.1 66.1
119 32.2 26.2 39.2



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

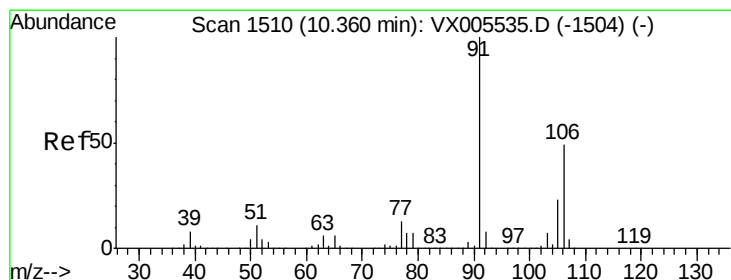
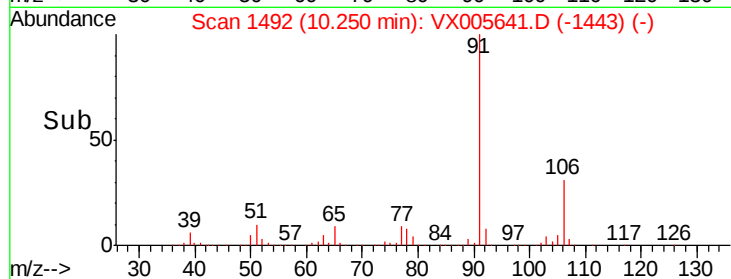
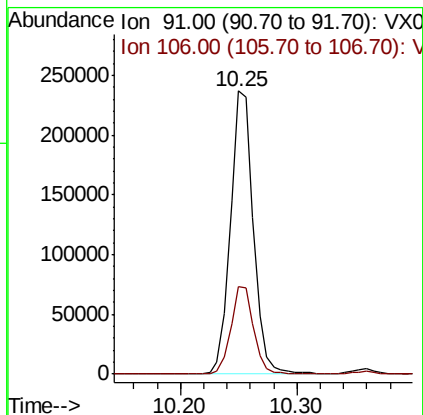
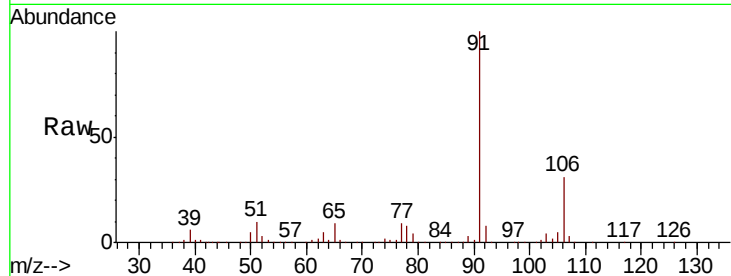




#67
Ethyl Benzene
Concen: 31.830 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX005641.D
Acq: 27 Oct 2018 08:14

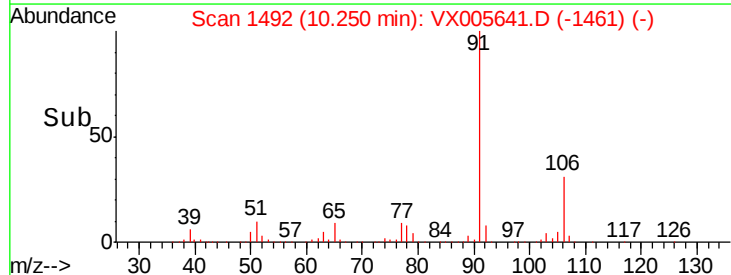
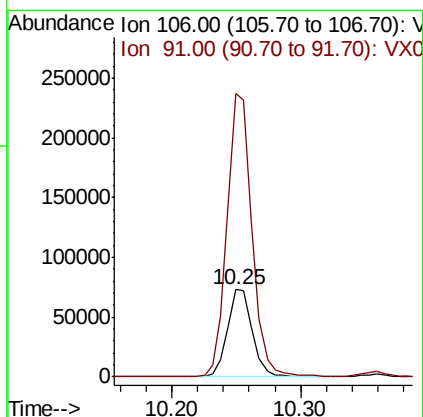
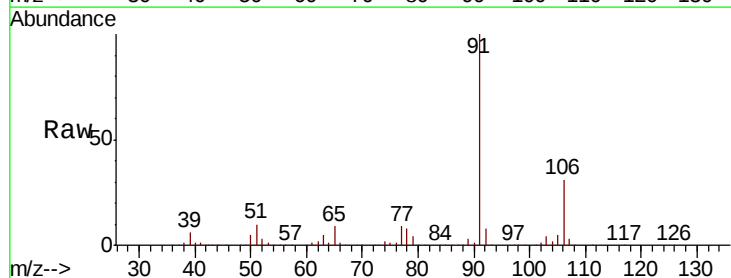
Instrument :
MSVOA_X
ClientSampled :
MW-15

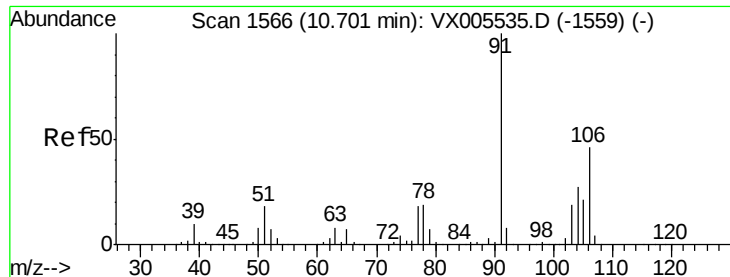
Tot Ion: 91 Resp: 325581
Ion Ratio Lower Upper
91 100
106 30.9 24.4 36.6



#68
m/p-Xylenes
Concen: 25.250 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.11 min
Lab File: VX005641.D
Acq: 27 Oct 2018 08:14

Tgt Ion: 106 Resp: 100205
Ion Ratio Lower Upper
106 100
91 324.9 164.2 246.4#

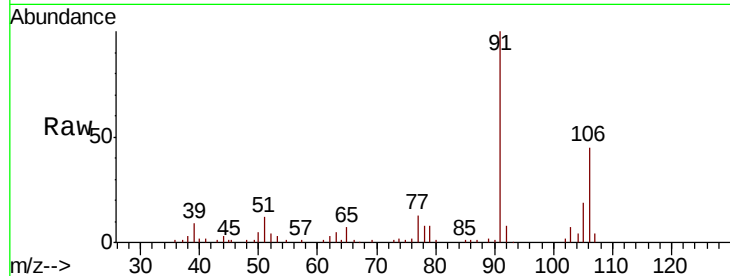




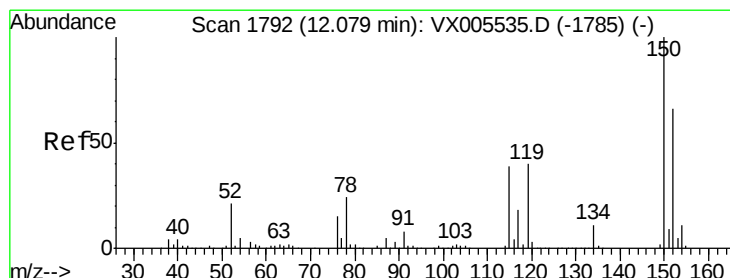
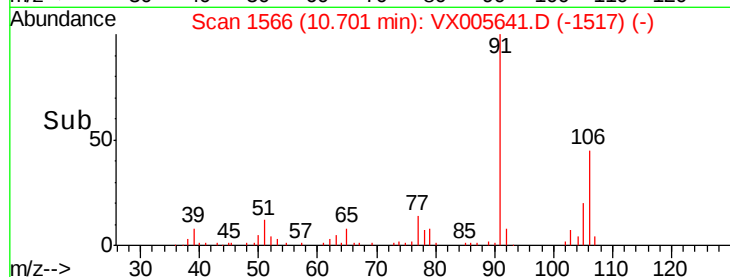
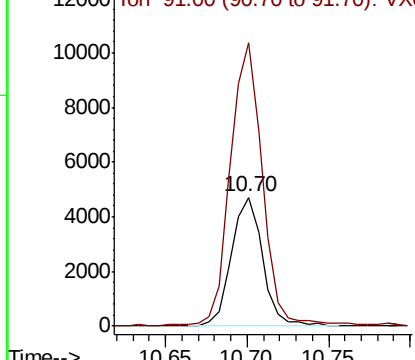
#69
o-Xylene
Concen: 1.678 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005641.D
Acq: 27 Oct 2018 08:14

Instrument :
MSVOA_X
ClientSampled :
MW-15

Tot Ion:106 Resp: 6266
Ion Ratio Lower Upper
106 100
91 227.9 108.5 325.5

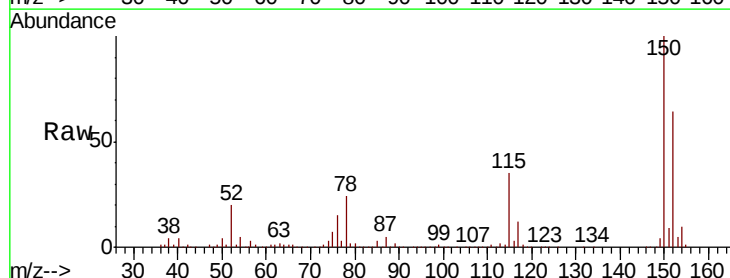


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

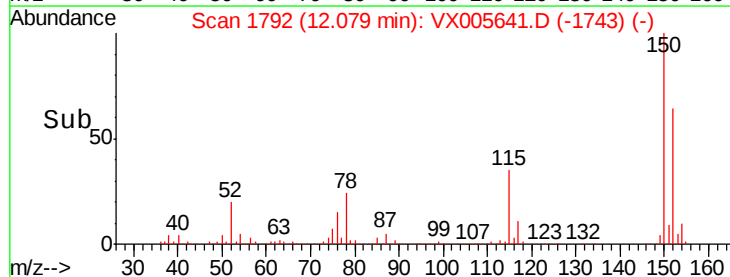
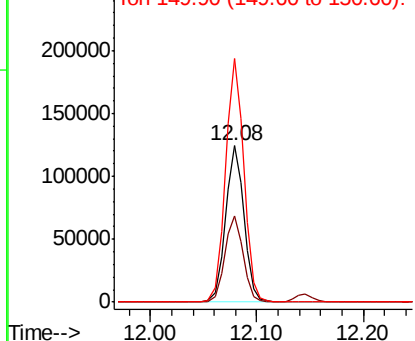


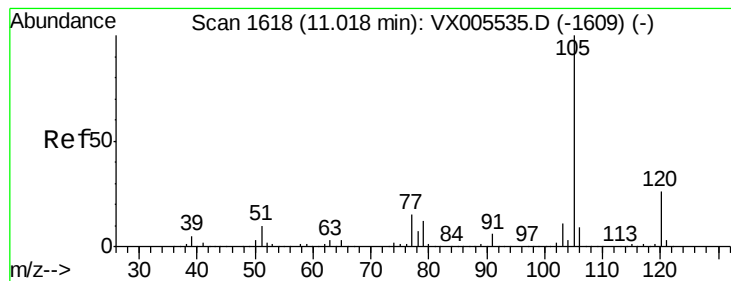
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005641.D
Acq: 27 Oct 2018 08:14

Tgt Ion:152 Resp: 149842
Ion Ratio Lower Upper
152 100
115 54.9 39.4 118.1
150 155.8 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 29.205 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005641.D

Acq: 27 Oct 2018 08:14

Instrument :

MSVOA_X

ClientSampleId :

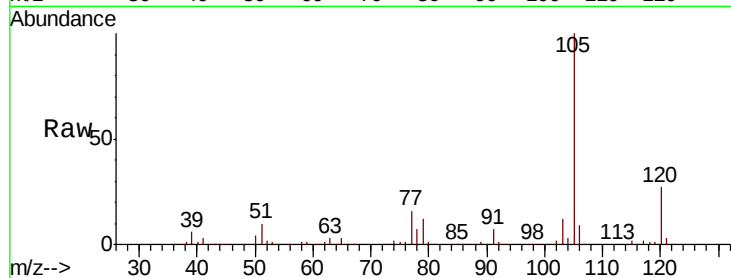
MW-15

Tot Ion:105 Resp: 267506

Ion Ratio Lower Upper

105 100

120 26.6 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

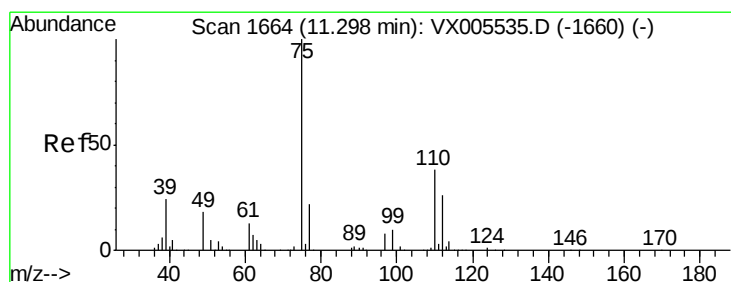
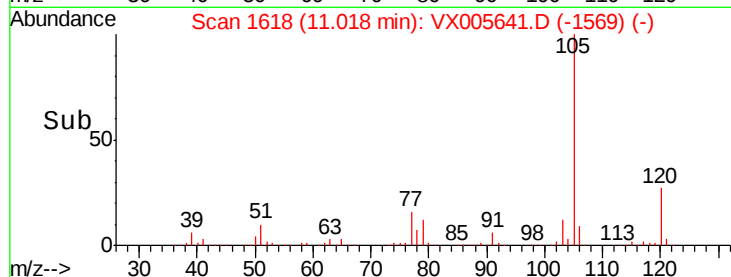
50000

0

11.02

11.00 11.10

Time-->



#76

1,2,3-Trichloropropane

Concen: 22.381 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005641.D

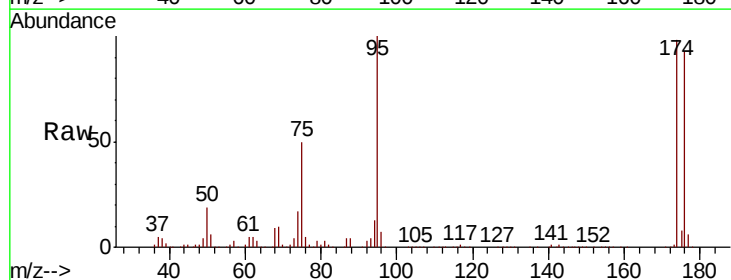
Acq: 27 Oct 2018 08:14

Tgt Ion: 75 Resp: 71055

Ion Ratio Lower Upper

75 100

77 1.5 20.5 61.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

60000

50000

40000

30000

20000

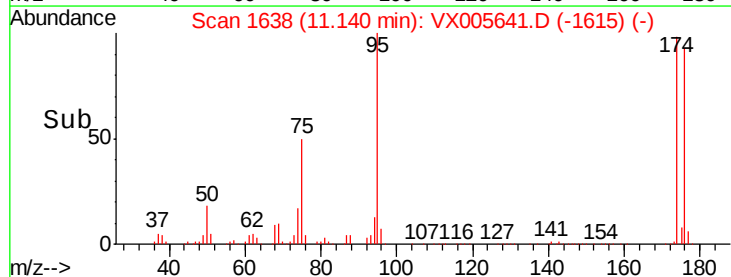
10000

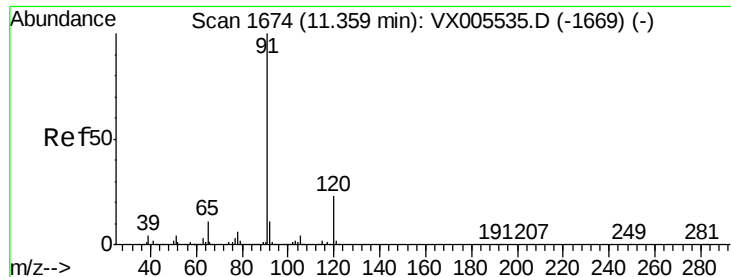
0

11.14

11.10 11.20

Time-->





#78

n-propylbenzene

Concen: 19.238 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005641.D

Acq: 27 Oct 2018 08:14

Instrument :

MSVOA_X

ClientSampled :

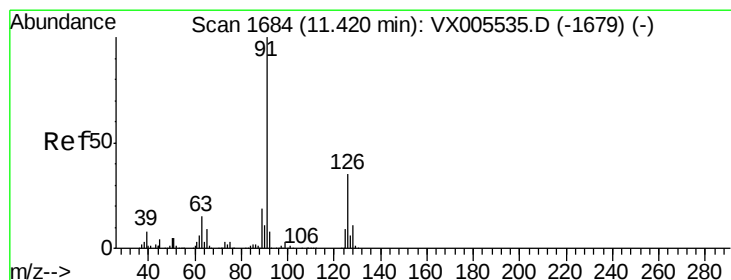
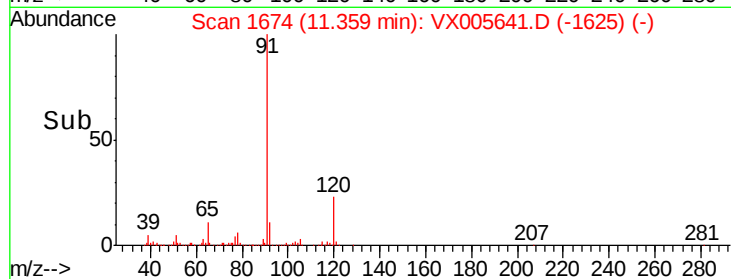
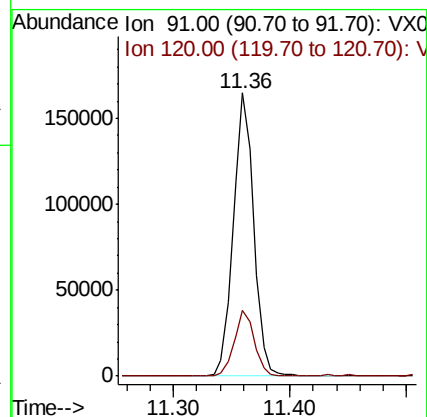
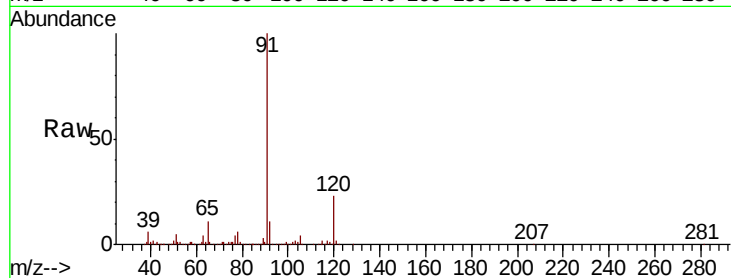
MW-15

Tot Ion: 91 Resp: 201487

Ion Ratio Lower Upper

91 100

120 22.7 11.9 35.5



#79

2-Chlorotoluene

Concen: 31.027 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX005641.D

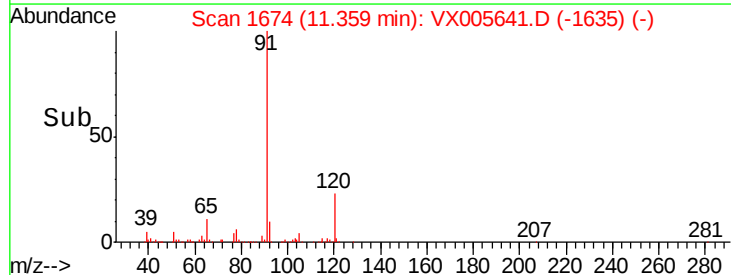
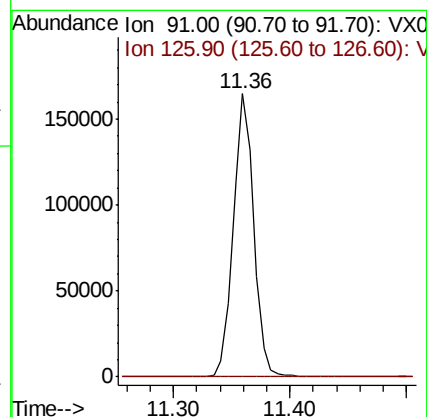
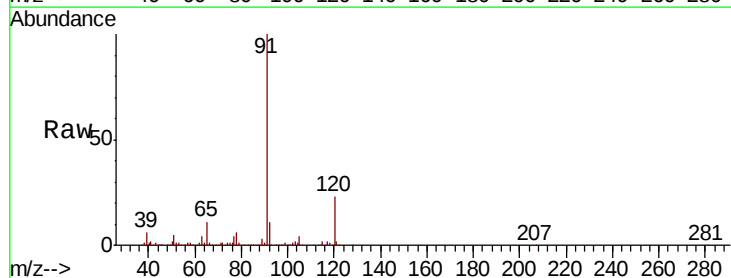
Acq: 27 Oct 2018 08:14

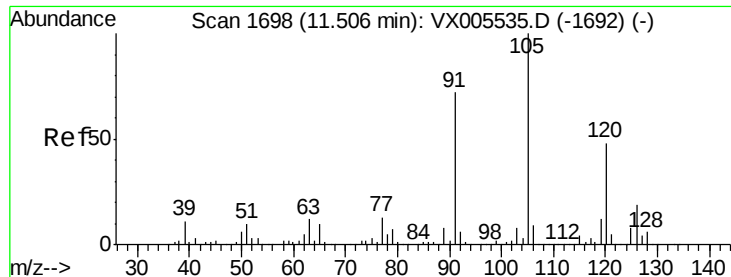
Tgt Ion: 91 Resp: 201487

Ion Ratio Lower Upper

91 100

126 0.0 17.3 52.0#

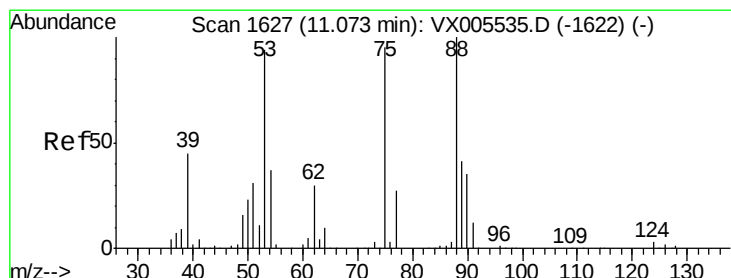
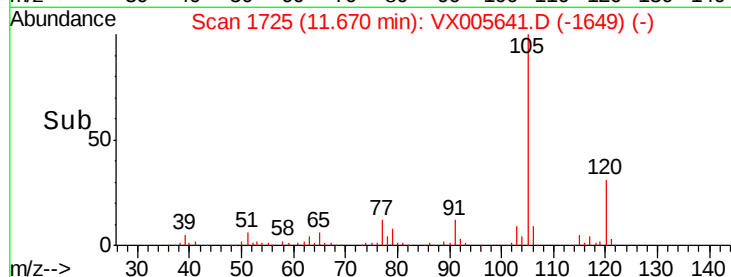
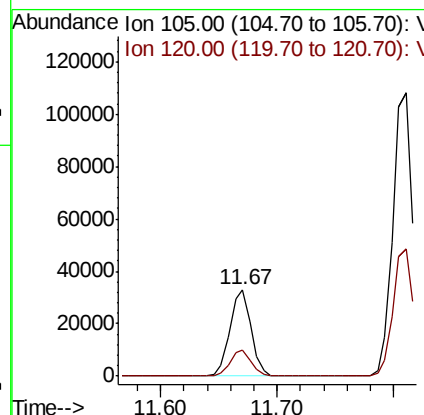
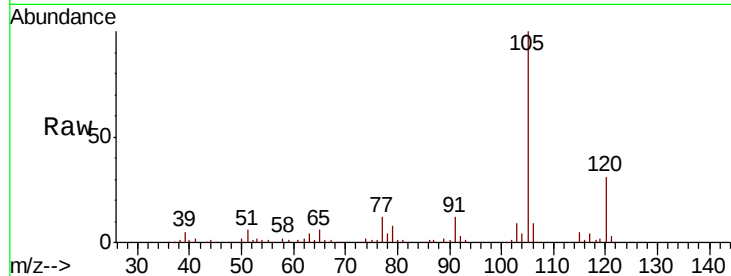




#80
 1,3,5-Trimethylbenzene
 Concen: 5.319 ug/l
 RT: 11.67 min Scan# 1725
 Delta R.T. 0.16 min
 Lab File: VX005641.D
 Acq: 27 Oct 2018 08:14

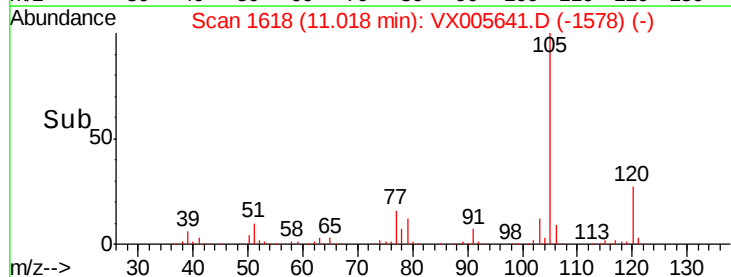
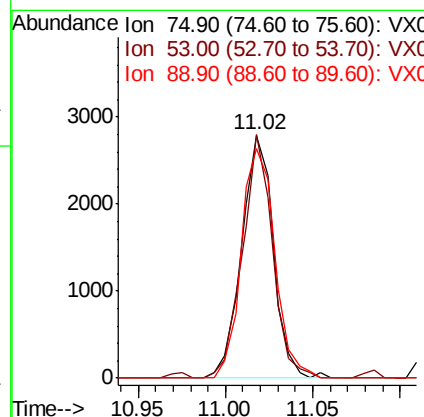
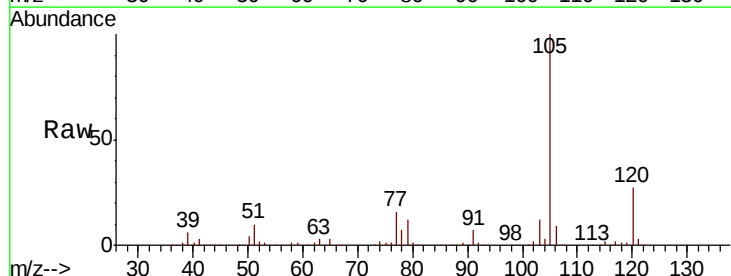
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15

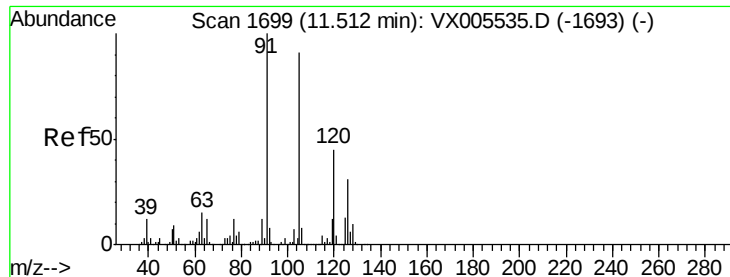
Tot Ion:105 Resp: 41674
 Ion Ratio Lower Upper
 105 100
 120 29.9 24.1 72.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 3.616 ug/l
 RT: 11.02 min Scan# 1618
 Delta R.T. -0.06 min
 Lab File: VX005641.D
 Acq: 27 Oct 2018 08:14

Tgt Ion: 75 Resp: 3513
 Ion Ratio Lower Upper
 75 100
 53 94.4 80.2 120.2
 89 100.2 39.8 59.8#





#82

4-Chlorotoluene

Concen: 26.313 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX005641.D

Acq: 27 Oct 2018 08:14

Instrument :

MSVOA_X

ClientSampleId :

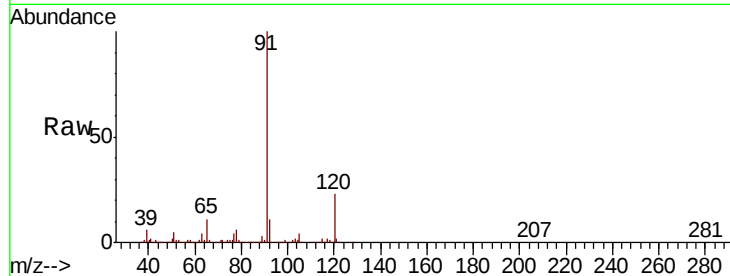
MW-15

Tot Ion: 91 Resp: 201487

Ion Ratio Lower Upper

91 100

126 0.0 15.2 45.6#



Abundance Ion 91.00 (90.70 to 91.70): VX005535.D (-1693) (-)

Ion 125.90 (125.60 to 126.60): VX005535.D (-1693) (-)

11.36

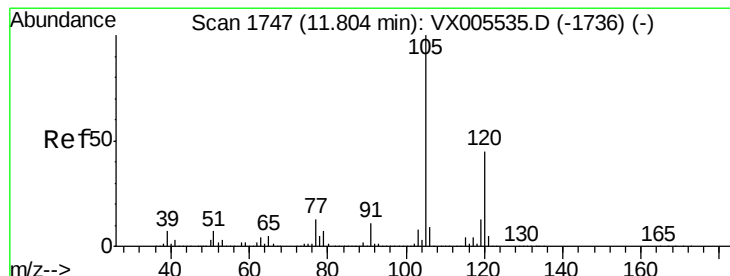
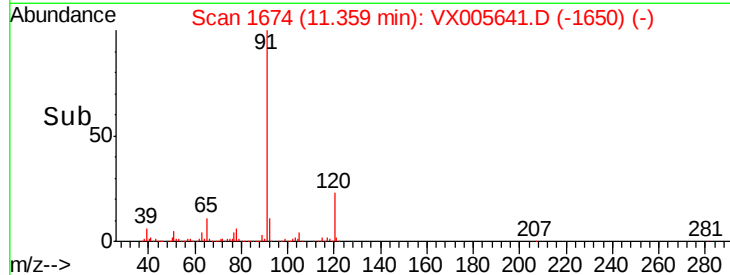
150000

100000

50000

0

Time-->



#84

1,2,4-Trimethylbenzene

Concen: 16.691 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX005641.D

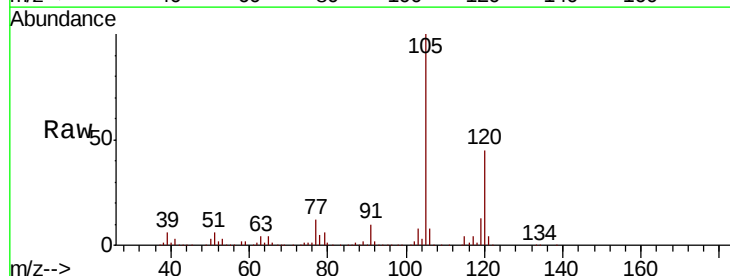
Acq: 27 Oct 2018 08:14

Tgt Ion: 105 Resp: 132550

Ion Ratio Lower Upper

105 100

120 45.2 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): VX005535.D (-1736) (-)

Ion 120.00 (119.70 to 120.70): VX005535.D (-1736) (-)

11.81

120000

100000

80000

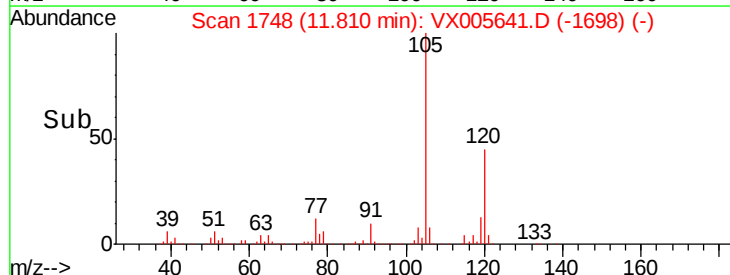
60000

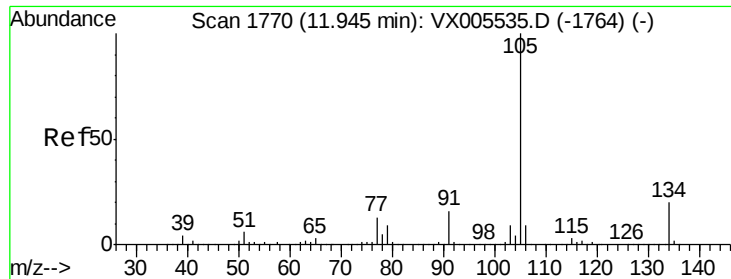
40000

20000

0

Time-->





#85

sec-Butylbenzene

Concen: 0.961 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005641.D

Acq: 27 Oct 2018 08:14

Instrument :

MSVOA_X

ClientSampleId :

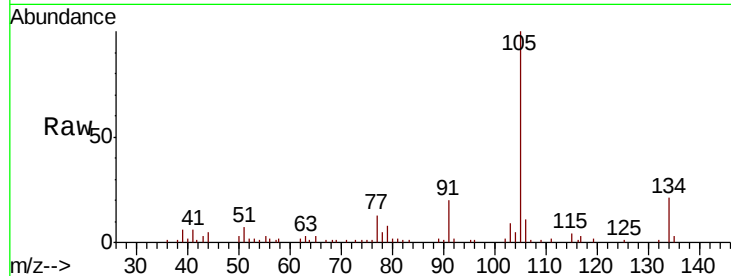
MW-15

Tot Ion:105 Resp: 8952

Ion Ratio Lower Upper

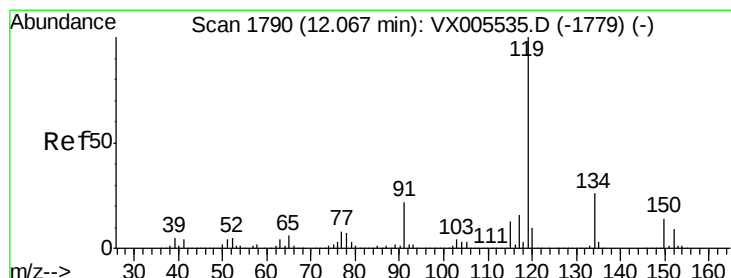
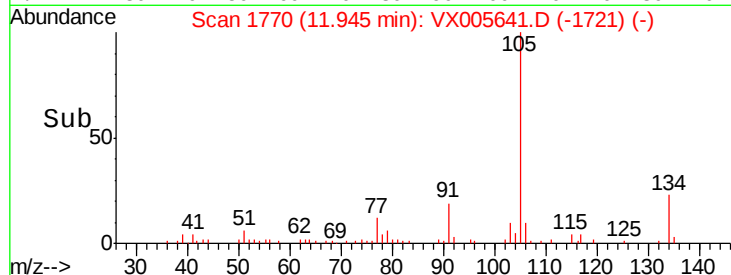
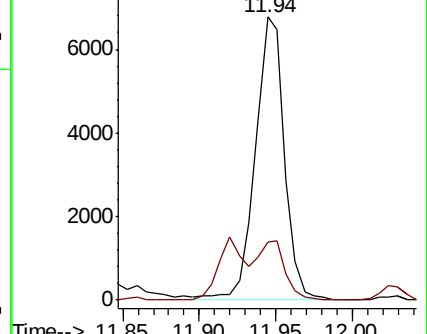
105 100

134 19.7 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 2.098 ug/l

RT: 12.15 min Scan# 1803

Delta R.T. 0.08 min

Lab File: VX005641.D

Acq: 27 Oct 2018 08:14

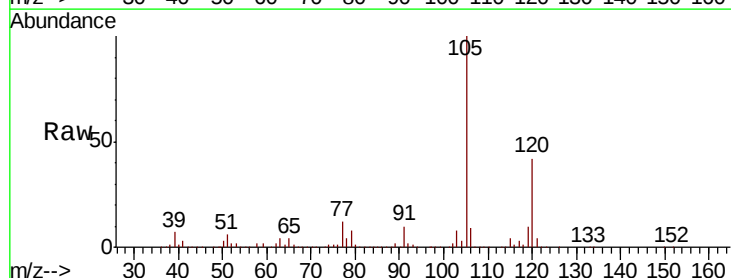
Tgt Ion:119 Resp: 17480

Ion Ratio Lower Upper

119 100

134 0.0 13.0 39.0#

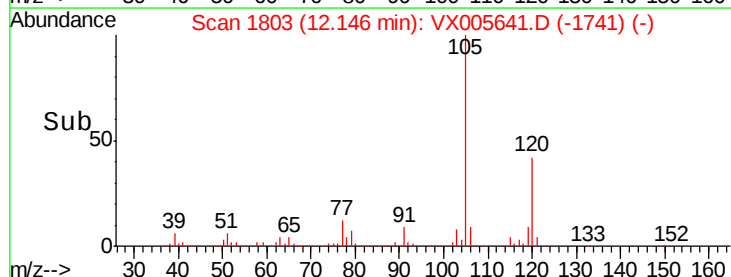
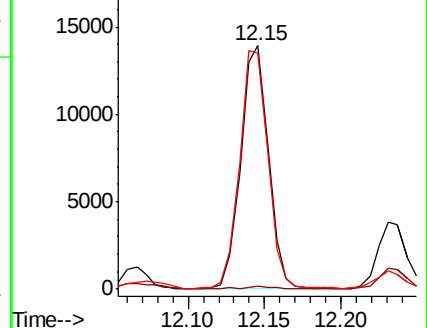
91 98.8 11.4 34.2#

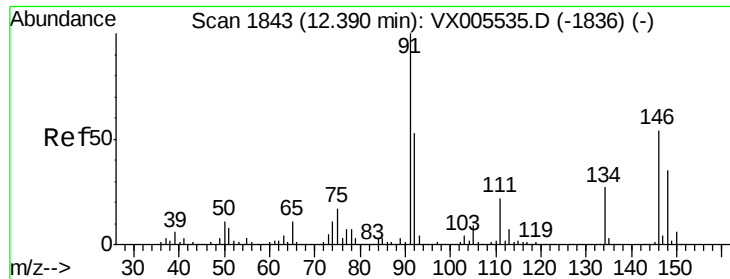


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#89

n-Butylbenzene

Concen: 2.323 ug/l

RT: 12.37 min Scan# 1840

Delta R.T. -0.02 min

Lab File: VX005641.D

Acq: 27 Oct 2018 08:14

Instrument :

MSVOA_X

ClientSampled :

MW-15

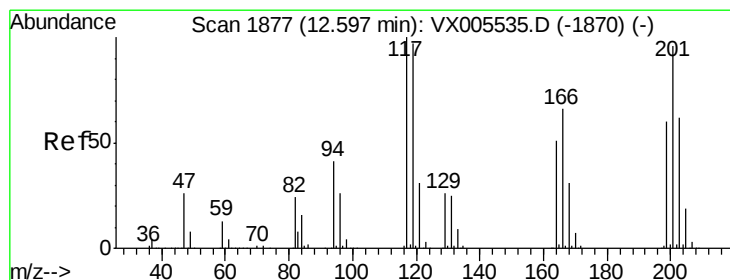
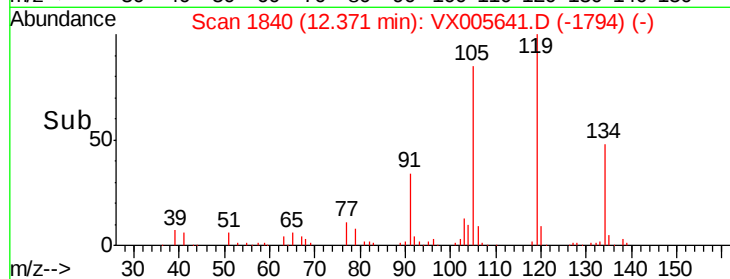
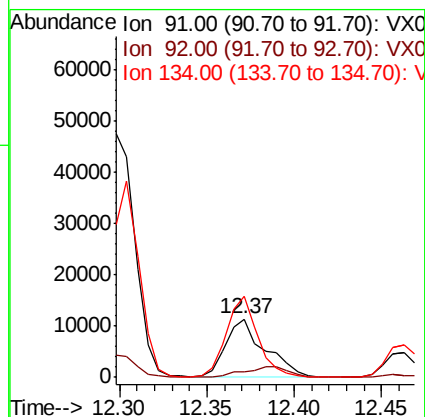
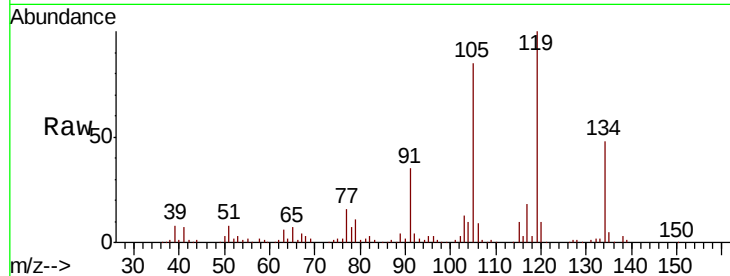
Tot Ion: 91 Resp: 17476

Ion Ratio Lower Upper

91 100

92 22.2 26.1 78.2#

134 113.6 13.1 39.3#



#90

Hexachloroethane

Concen: 8.292 ug/l

RT: 12.67 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX005641.D

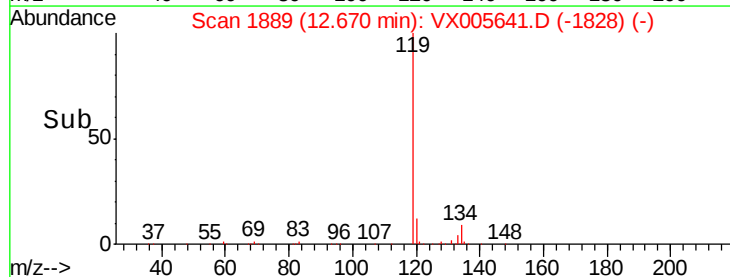
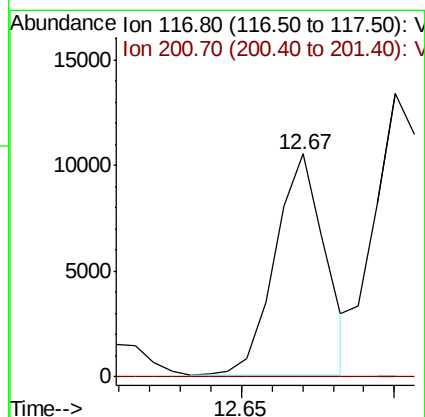
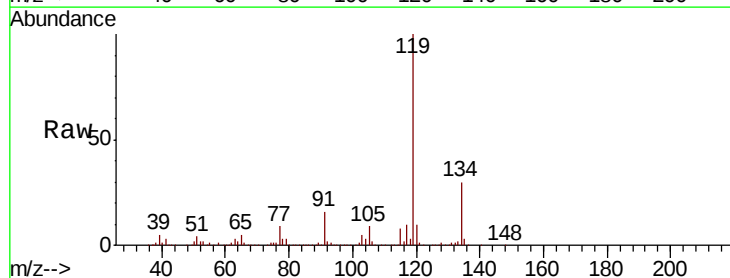
Acq: 27 Oct 2018 08:14

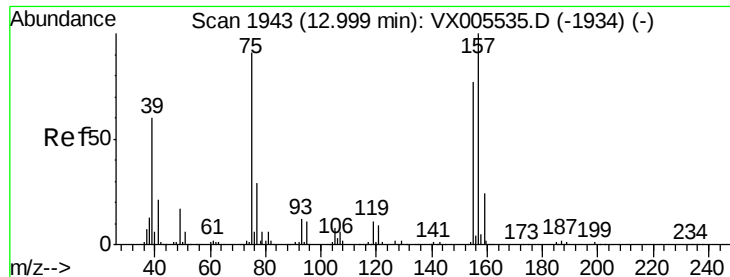
Tgt Ion: 117 Resp: 11915

Ion Ratio Lower Upper

117 100

201 0.0 47.9 143.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.727 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX005641.D

Acq: 27 Oct 2018 08:14

Instrument :

MSVOA_X

ClientSampleId :

MW-15

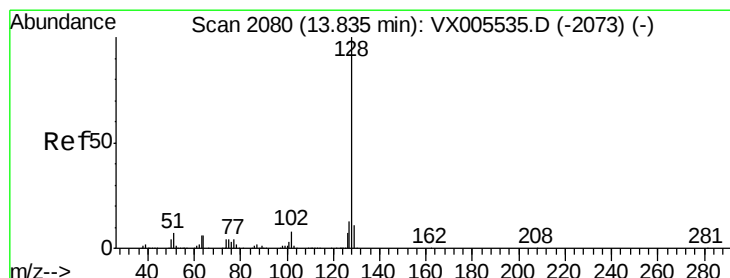
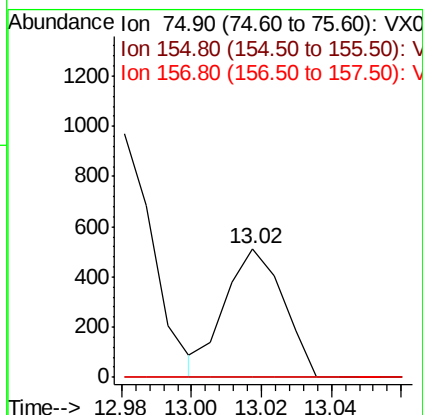
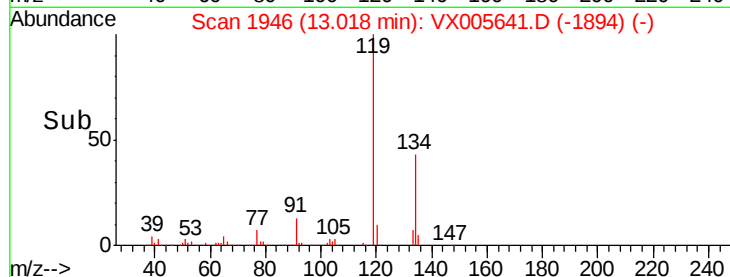
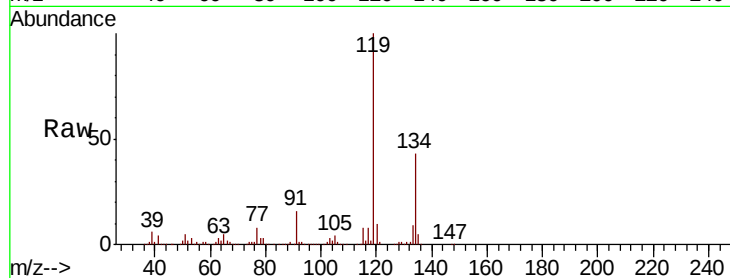
Tot Ion: 75 Resp: 594

Ion Ratio Lower Upper

75 100

155 0.0 45.4 136.1#

157 0.0 57.4 172.0#



#95

Naphthalene

Concen: 11.735 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005641.D

Acq: 27 Oct 2018 08:14

Tgt Ion: 128 Resp: 120090

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.4 8.7 13.1

