

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102918\
 Data File : VX005670.D
 Acq On : 29 Oct 2018 19:37
 Operator : JC/MD
 Sample : J5690-04DL 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-202DL

Quant Time: Oct 30 02:01:54 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	5.66	168	261001	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	381499	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	339838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213668	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	154253	48.42	ug/l	0.00
Spiked Amount			Recovery	=	96.84%	
35) Dibromofluoromethane	5.50	113	121000	46.84	ug/l	0.00
Spiked Amount			Recovery	=	93.68%	
50) Toluene-d8	8.71	98	448370	48.31	ug/l	0.00
Spiked Amount			Recovery	=	96.62%	
62) 4-Bromofluorobenzene	11.14	95	163881	46.75	ug/l	0.00
Spiked Amount			Recovery	=	93.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	646	0.322	ug/l #	77
6) Chloroethane	1.73	64	2988	1.450	ug/l #	47
10) Methyl Iodide	2.51	142	423	2.874	ug/l #	85
11) Tert butyl alcohol	3.06	59	689	0.804	ug/l #	63
13) Acrolein	2.29	56	113	0.258	ug/l #	14
16) Acetone	2.45	43	907	0.539	ug/l	94
18) Methyl Acetate	2.79	43	258	Below Cal	#	55
25) 2-Butanone	4.70	43	897	0.350	ug/l #	51
27) cis-1,2-Dichloroethene	4.59	96	6091	2.112	ug/l	96
29) Tetrahydrofuran	5.16	42	477	0.286	ug/l #	73
36) 1,1-Dichloropropene	5.67	75	17745	4.793	ug/l #	50
38) Carbon Tetrachloride	5.66	117	23283	5.971	ug/l #	15
39) Methylcyclohexane	7.46	83	1544	0.378	ug/l #	93
40) Benzene	6.15	78	4655	0.439	ug/l	97
45) 1,2-Dichloropropane	7.51	63	3165	1.109	ug/l	99
52) Toluene	8.78	92	7568	1.173	ug/l	99
55) 1,1,2-Trichloroethane	9.16	97	675	0.248	ug/l #	21
59) 2-Hexanone	9.45	43	2317	0.618	ug/l #	26
67) Ethyl Benzene	10.25	91	139011	11.675	ug/l	97
68) m/p-Xylenes	10.36	106	129281	27.987	ug/l	99
69) o-Xylene	10.70	106	5861	1.349	ug/l	100
73) Isopropylbenzene	11.02	105	20234	1.549	ug/l	99
76) 1,2,3-Trichloropropane	11.14	75	80971	17.886	ug/l #	36
78) n-propylbenzene	11.36	91	35822	2.399	ug/l	97
79) 2-Chlorotoluene	11.43	91	12080	1.305	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	57130	5.113	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	80971	58.442	ug/l #	9
82) 4-Chlorotoluene	11.51	91	6370	0.583	ug/l #	46
83) tert-Butylbenzene	11.81	119	30086	2.701	ug/l #	59
84) 1,2,4-Trimethylbenzene	11.80	105	245837	21.710	ug/l	100
85) sec-Butylbenzene	11.80	105	245837	18.498	ug/l #	56
86) p-Isopropyltoluene	12.02	119	3788	0.319	ug/l	93
89) n-Butylbenzene	12.37	91	19354	1.805	ug/l #	5
90) Hexachloroethane	12.58	117	6240	3.045	ug/l #	2

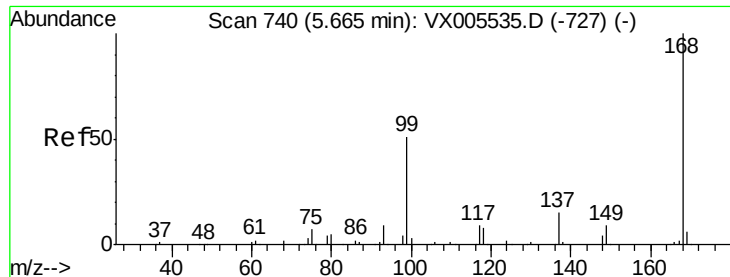
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102918\
Data File : VX005670.D
Acq On : 29 Oct 2018 19:37
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Quant Time: Oct 30 02:01:54 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	13.02	75	1141	0.979	ug/l #	1
95) Naphthalene	13.83	128	531615	36.431	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005670.D

Acq: 29 Oct 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

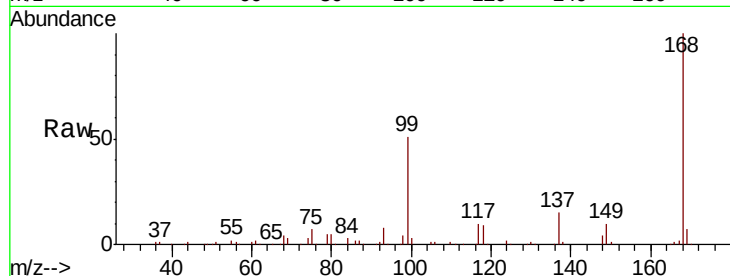
MW-202DL

Tot Ion:168 Resp: 261001

Ion Ratio Lower Upper

168 100

99 51.0 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

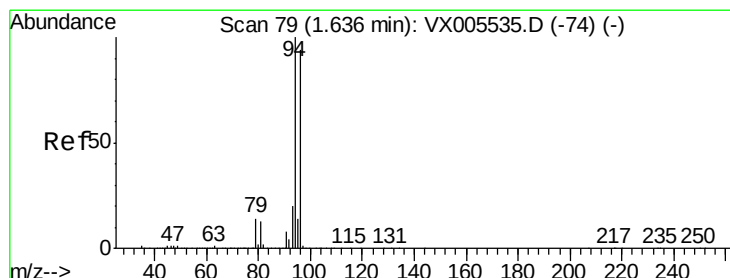
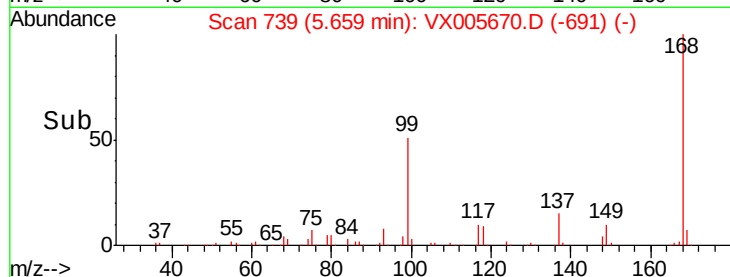
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.322 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005670.D

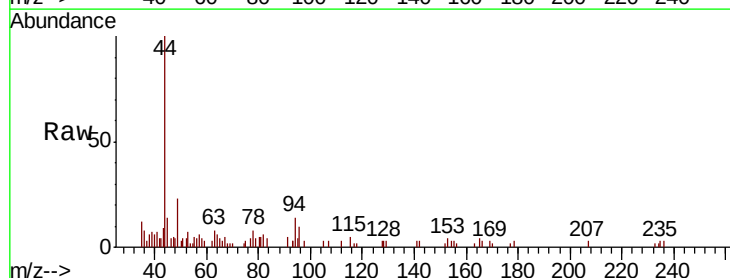
Acq: 29 Oct 2018 19:37

Tgt Ion: 94 Resp: 646

Ion Ratio Lower Upper

94 100

96 72.1 75.2 112.8#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

400

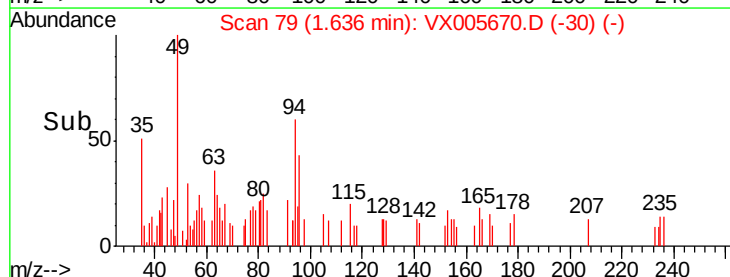
300

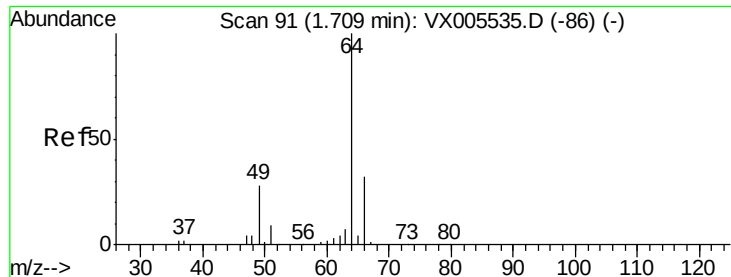
200

100

0

Time--> 1.60 1.65





#6

Chloroethane

Concen: 1.450 ug/l

RT: 1.73 min Scan# 95

Delta R.T. 0.02 min

Lab File: VX005670.D

Acq: 29 Oct 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

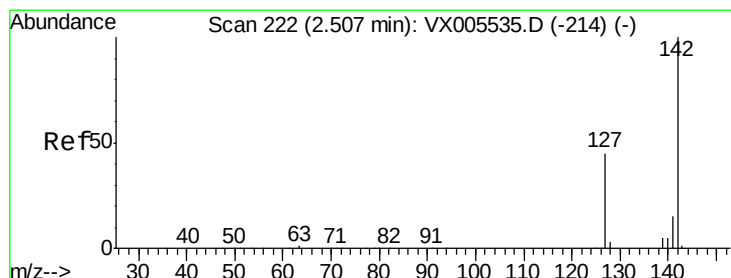
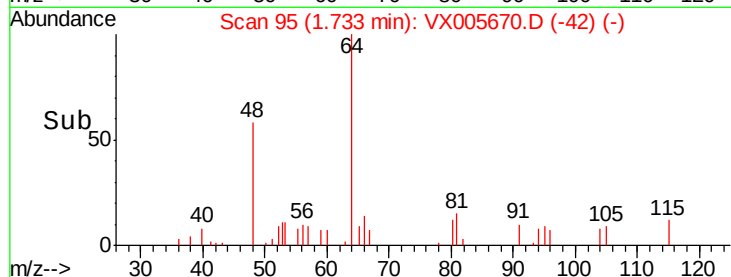
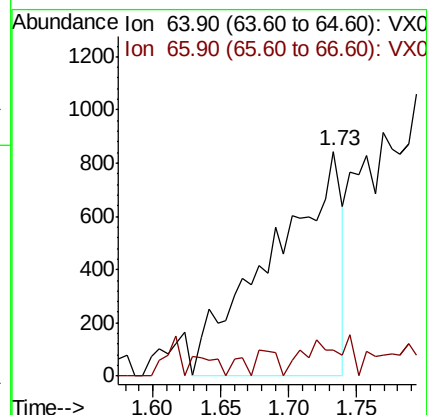
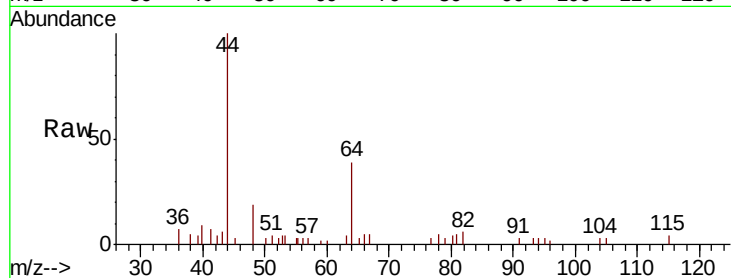
MW-202DL

Tot Ion: 64 Resp: 2988

Ion Ratio Lower Upper

64 100

66 2.8 25.8 38.6#



#10

Methyl Iodide

Concen: 2.874 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005670.D

Acq: 29 Oct 2018 19:37

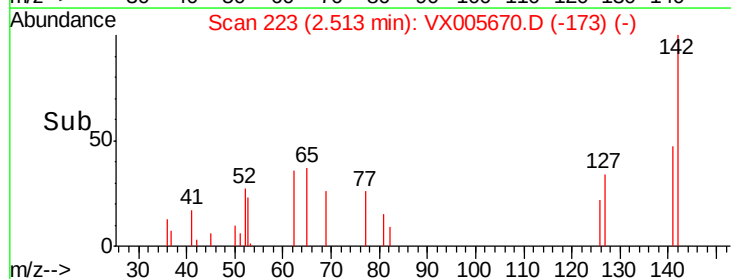
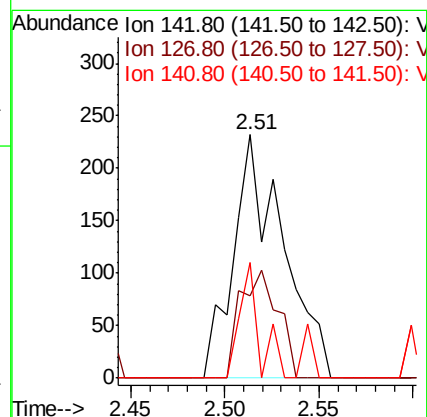
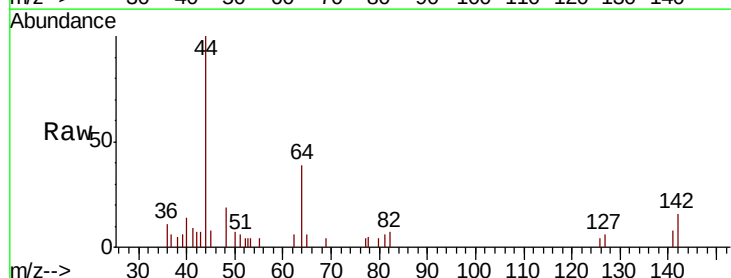
Tgt Ion: 142 Resp: 423

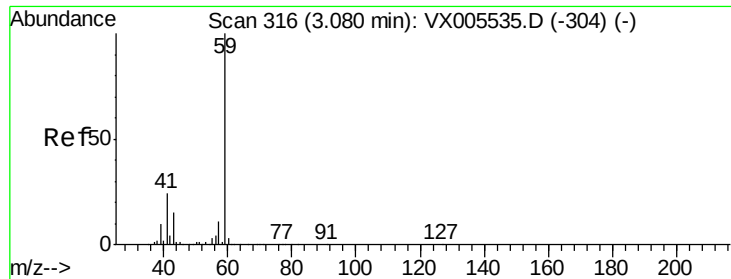
Ion Ratio Lower Upper

142 100

127 33.8 36.0 54.0#

141 18.9 11.7 17.5#



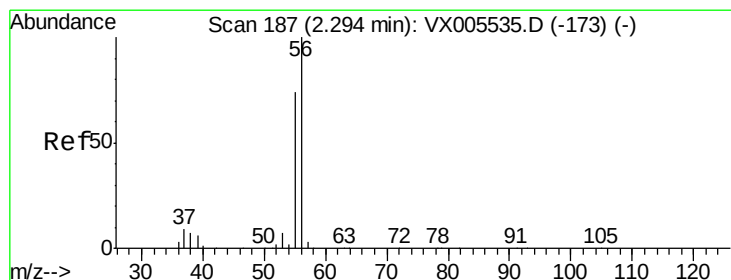
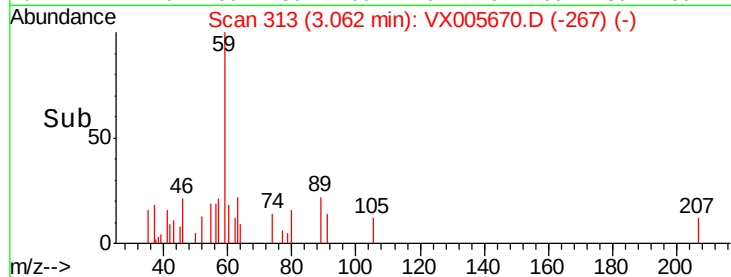
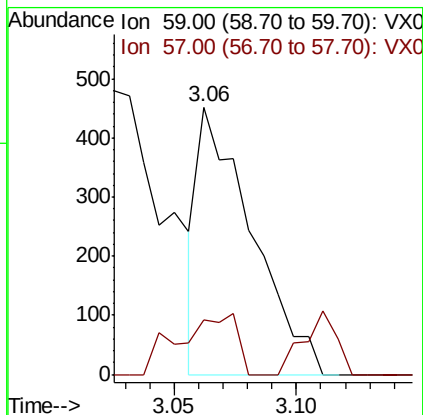
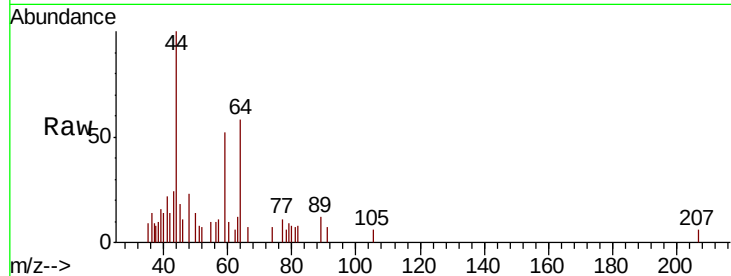


#11

Tert butyl alcohol
Concen: 0.804 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX005670.D
Acq: 29 Oct 2018 19:37

Instrument :
MSVOA_X
ClientSampled :
MW-202DL

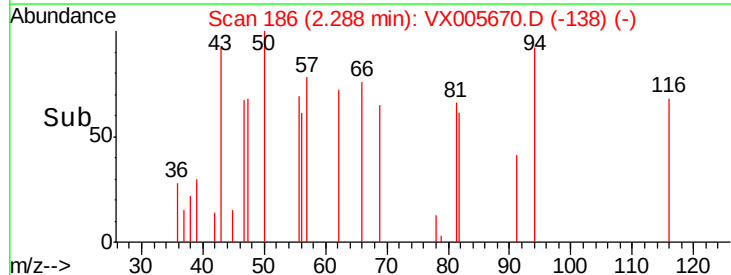
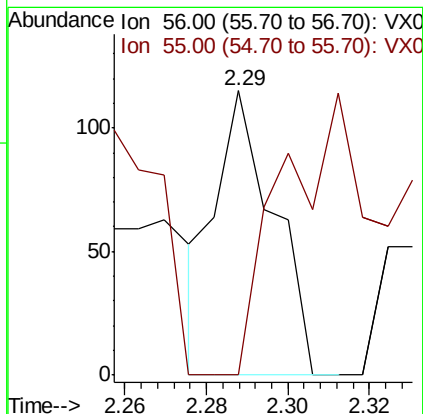
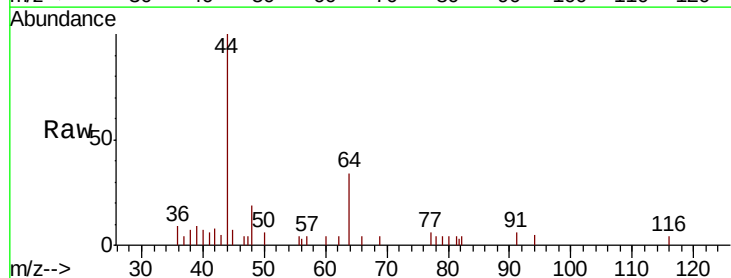
Tot Ion: 59 Resp: 689
Ion Ratio Lower Upper
59 100
57 24.5 8.5 12.7#

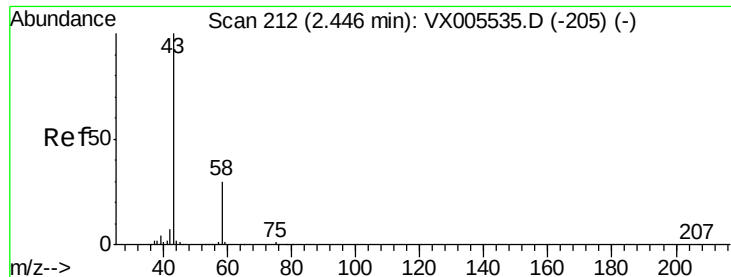


#13

Acrolein
Concen: 0.258 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX005670.D
Acq: 29 Oct 2018 19:37

Tgt Ion: 56 Resp: 113
Ion Ratio Lower Upper
56 100
55 0.0 57.3 85.9#





#16

Acetone

Concen: 0.539 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005670.D

Acq: 29 Oct 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

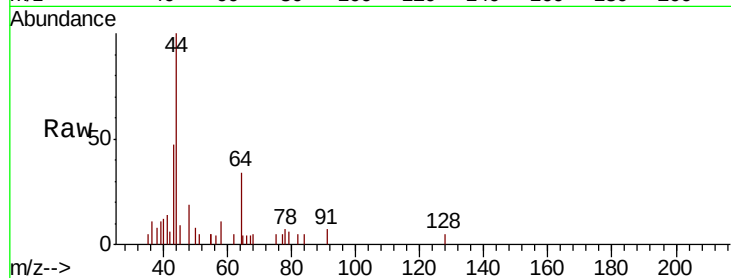
MW-202DL

Tot Ion: 43 Resp: 907

Ion Ratio Lower Upper

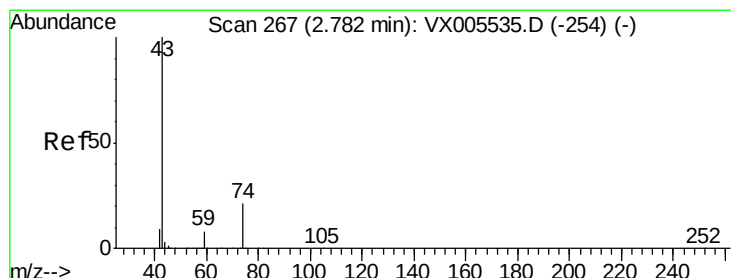
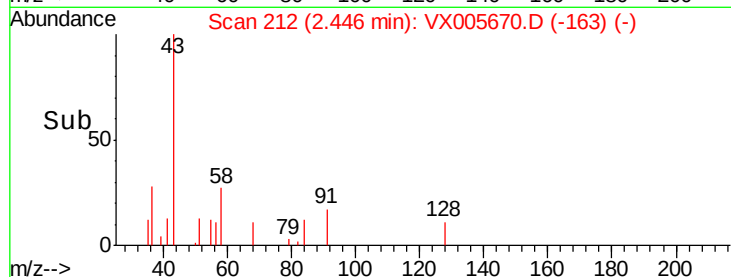
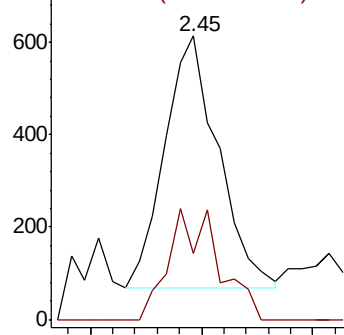
43 100

58 26.5 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: Below Cal

RT: 2.79 min Scan# 268

Delta R.T. 0.01 min

Lab File: VX005670.D

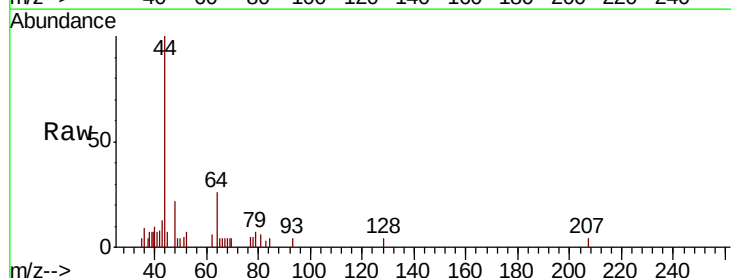
Acq: 29 Oct 2018 19:37

Tgt Ion: 43 Resp: 258

Ion Ratio Lower Upper

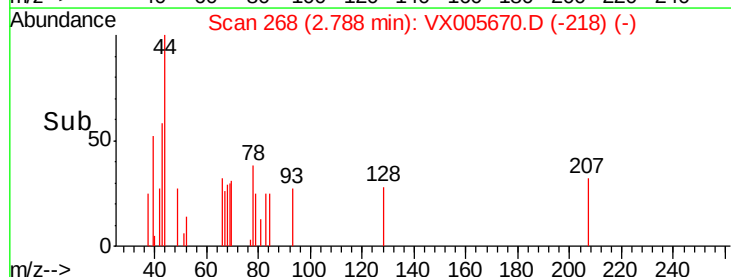
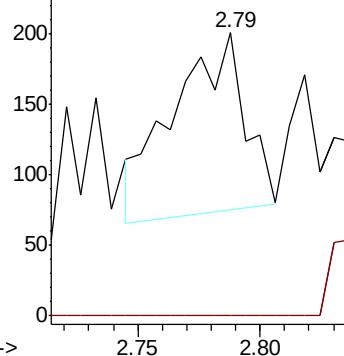
43 100

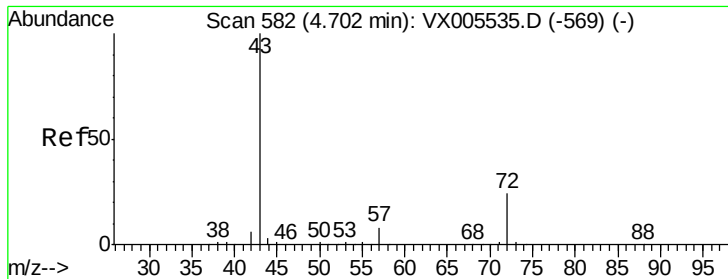
74 0.0 16.8 25.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#25

2-Butanone

Concen: 0.350 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005670.D

Acq: 29 Oct 2018 19:37

Instrument :

MSVOA_X

ClientSampled :

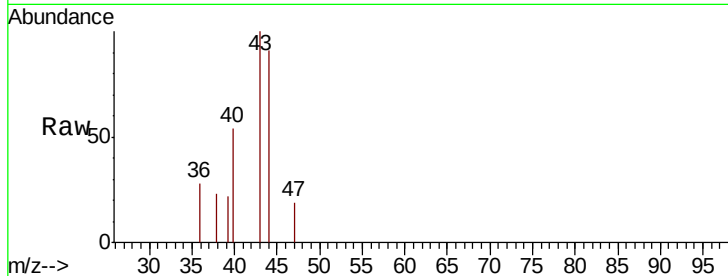
MW-202DL

Tot Ion: 43 Resp: 897

Ion Ratio Lower Upper

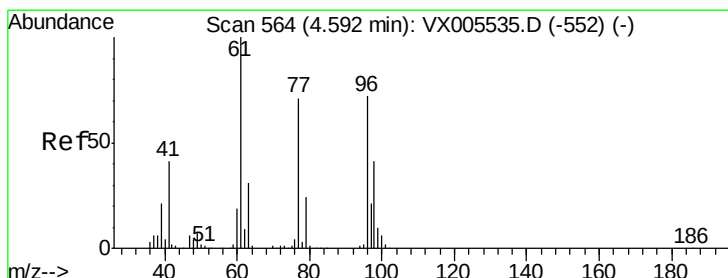
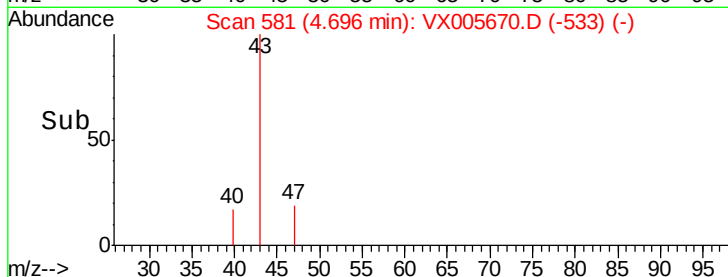
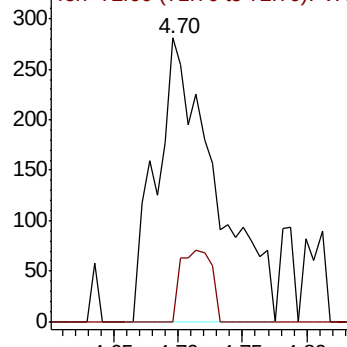
43 100

72 0.0 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 2.112 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.00 min

Lab File: VX005670.D

Acq: 29 Oct 2018 19:37

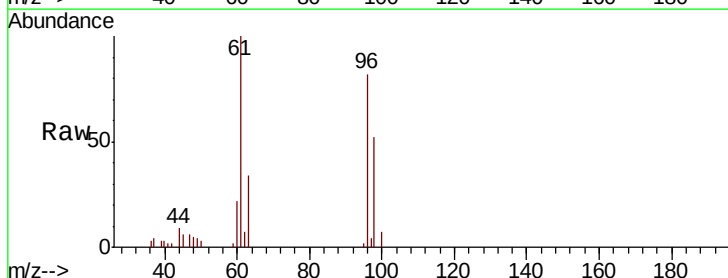
Tgt Ion: 96 Resp: 6091

Ion Ratio Lower Upper

96 100

61 145.8 0.0 304.6

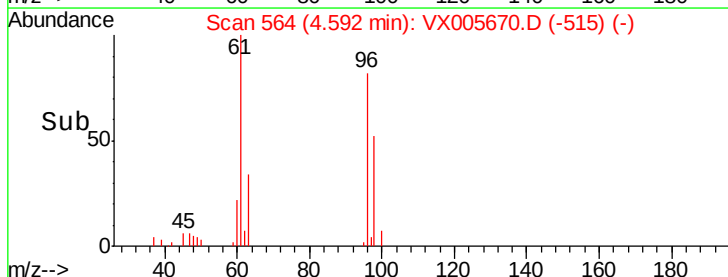
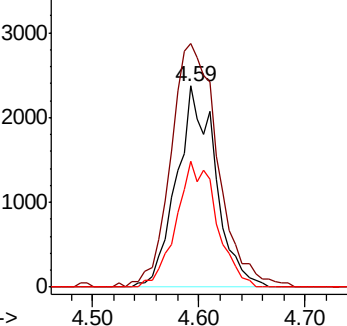
98 64.7 0.0 127.4

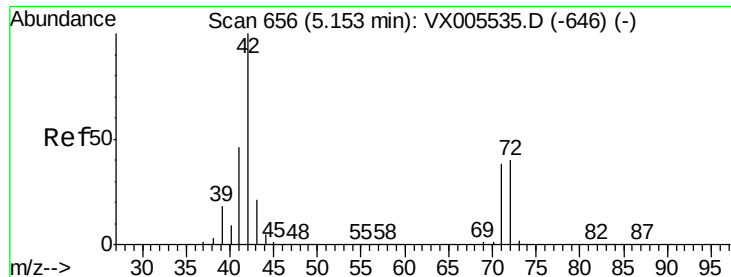


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#29

Tetrahydrofuran

Concen: 0.286 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX005670.D

Acq: 29 Oct 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

MW-202DL

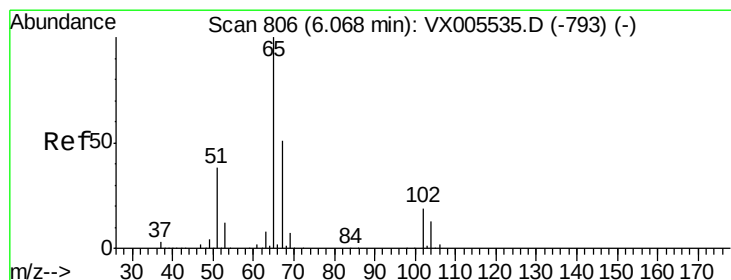
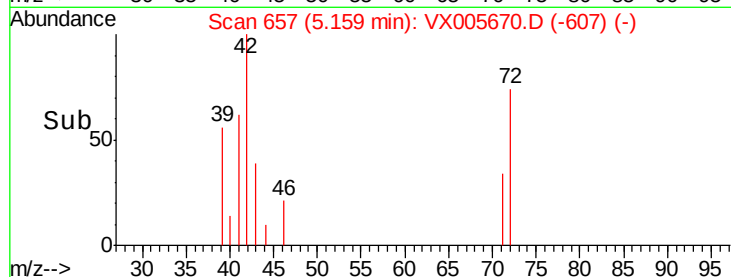
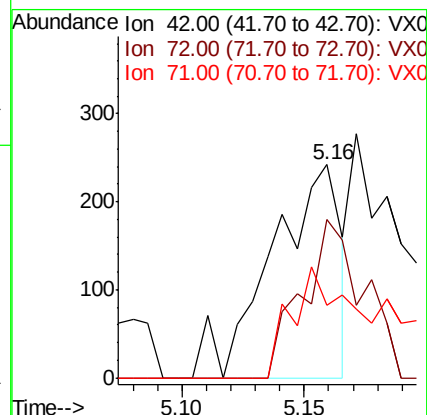
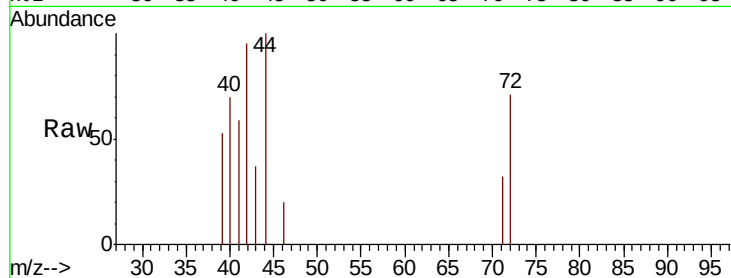
Tot Ion: 42 Resp: 477

Ion Ratio Lower Upper

42 100

72 65.0 32.0 48.0#

71 44.9 29.8 44.8#



#33

1,2-Dichloroethane-d4

Concen: 48.416 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005670.D

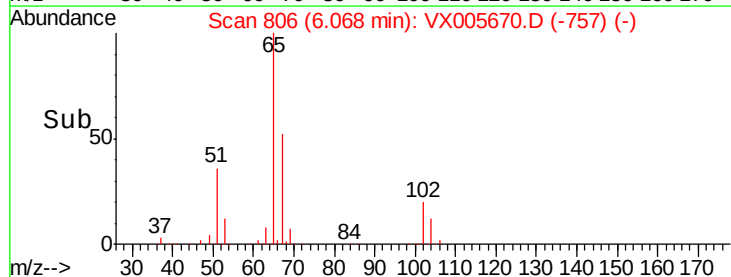
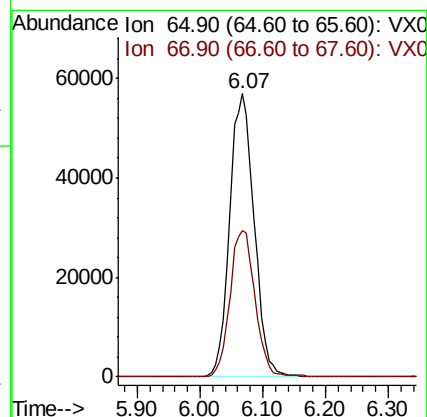
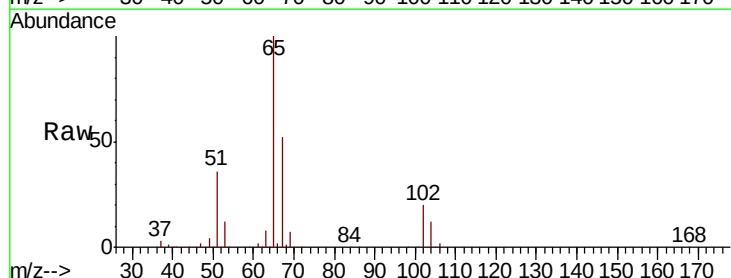
Acq: 29 Oct 2018 19:37

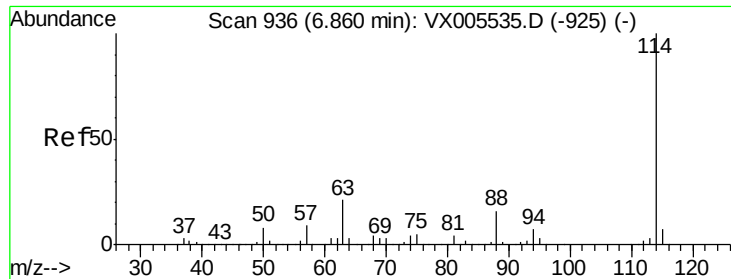
Tgt Ion: 65 Resp: 154253

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.0

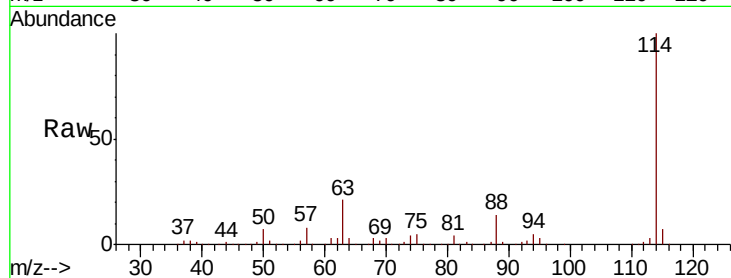




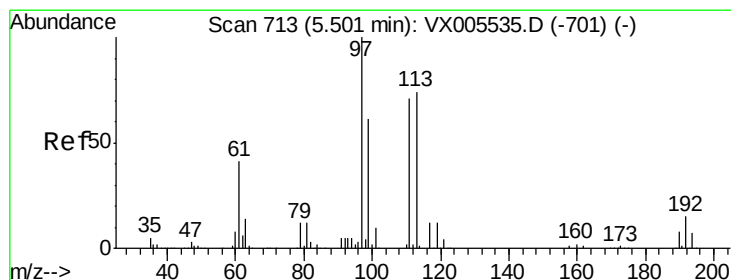
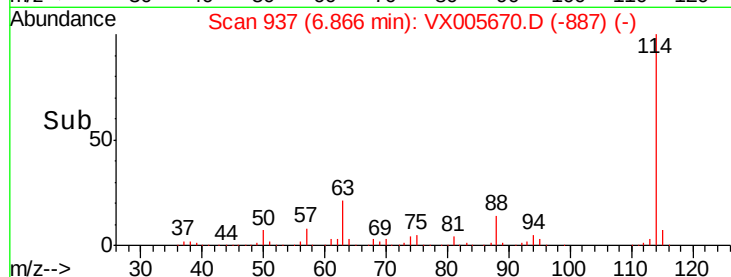
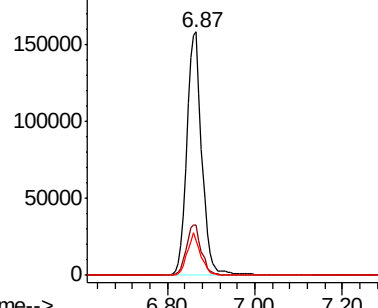
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005670.D
 Acq: 29 Oct 2018 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-202DL

Tot Ion:114 Resp: 381499
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.8
 88 14.4 0.0 31.2

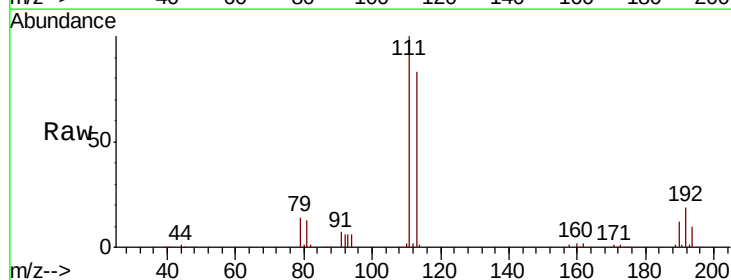


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

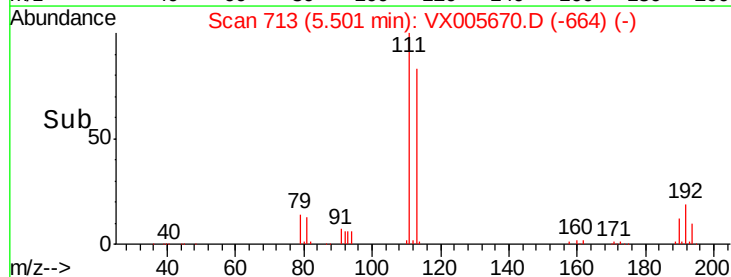
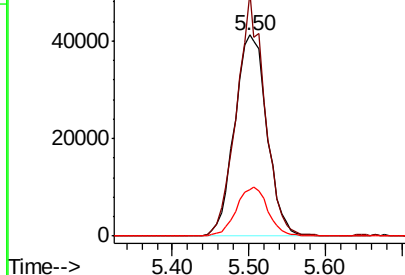


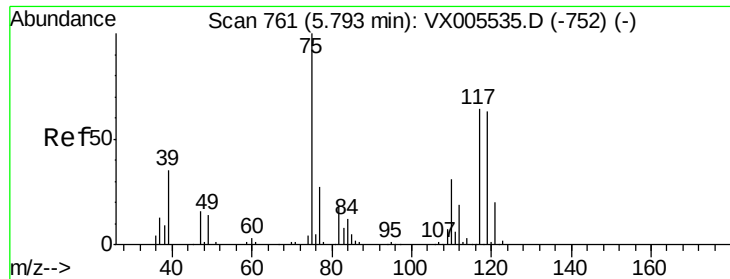
#35
 Dibromofluoromethane
 Concen: 46.841 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005670.D
 Acq: 29 Oct 2018 19:37

Tgt Ion:113 Resp: 121000
 Ion Ratio Lower Upper
 113 100
 111 104.5 82.3 123.5
 192 23.6 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

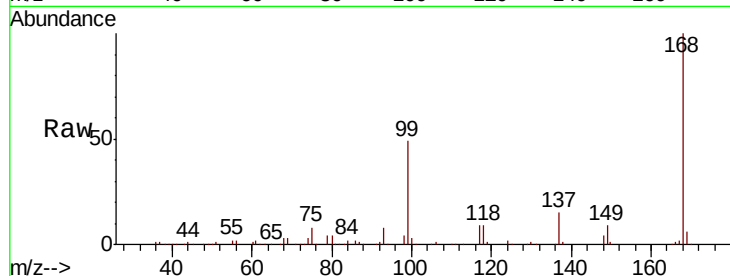




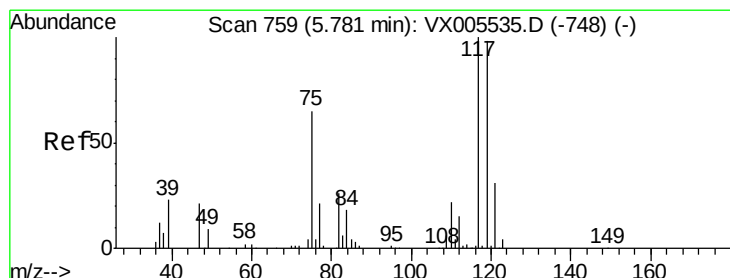
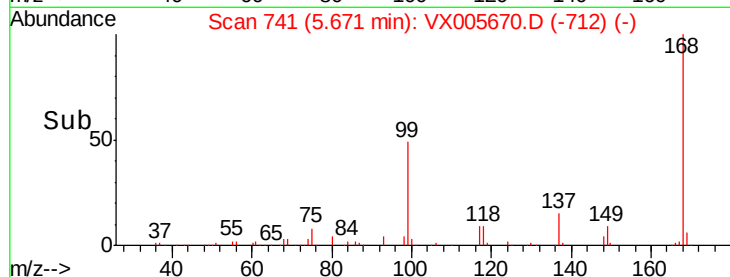
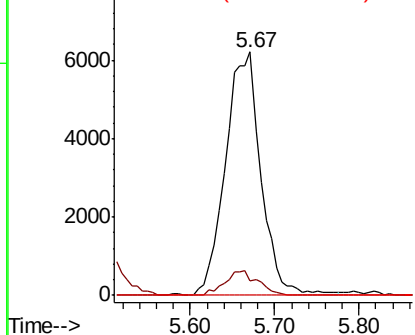
#36
 1,1-Dichloropropene
 Concen: 4.793 ug/l
 RT: 5.67 min Scan# 741
 Delta R.T. -0.12 min
 Lab File: VX005670.D
 Acq: 29 Oct 2018 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-202DL

Tot Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.4	52.2#
77	0.0	25.8	38.6#

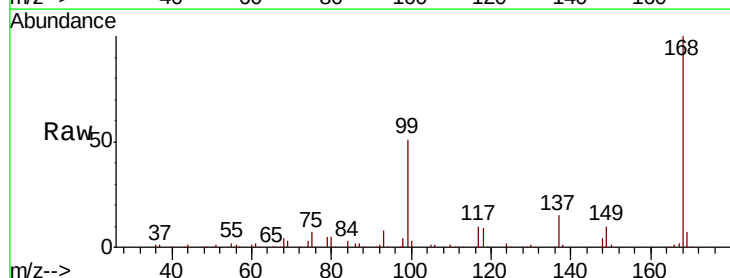


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

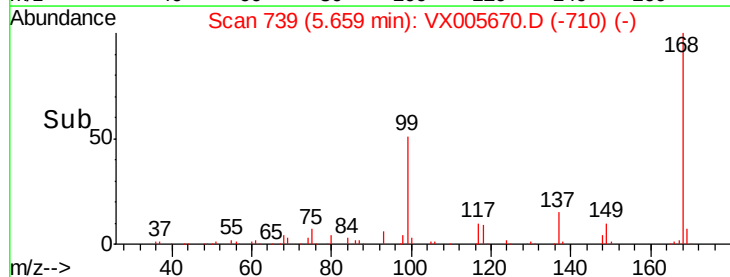
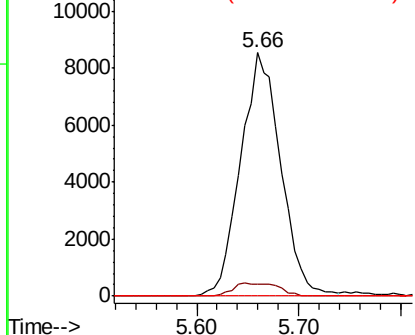


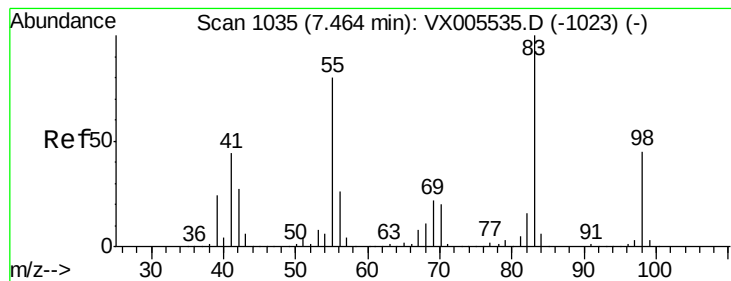
#38
 Carbon Tetrachloride
 Concen: 5.971 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX005670.D
 Acq: 29 Oct 2018 19:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	78.1	117.1#
121	0.0	24.6	36.8#



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





#39

Methylvlcyclohexane

Concen: 0.378 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX005670.D

Acq: 29 Oct 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

MW-202DL

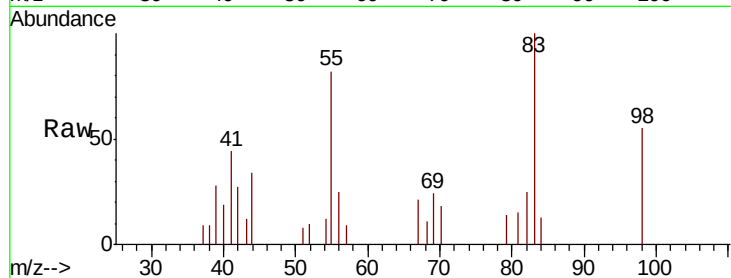
Tot Ion: 83 Resp: 1544

Ion Ratio Lower Upper

83 100

55 82.4 63.7 95.5

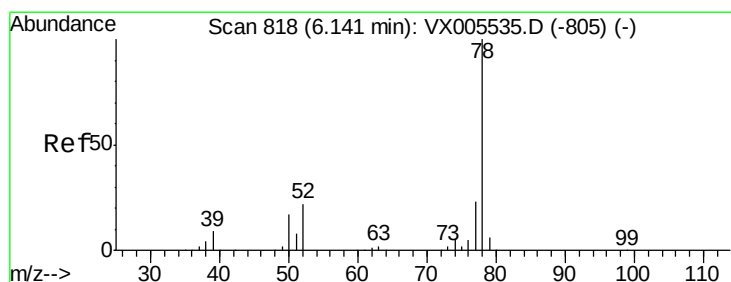
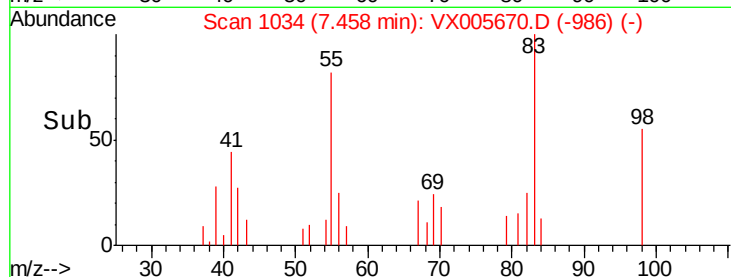
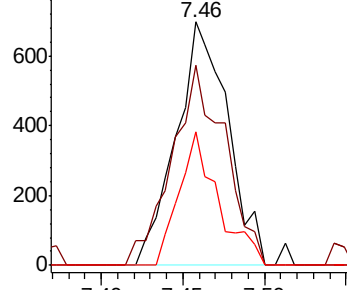
98 54.6 36.2 54.2#



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: 0.439 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX005670.D

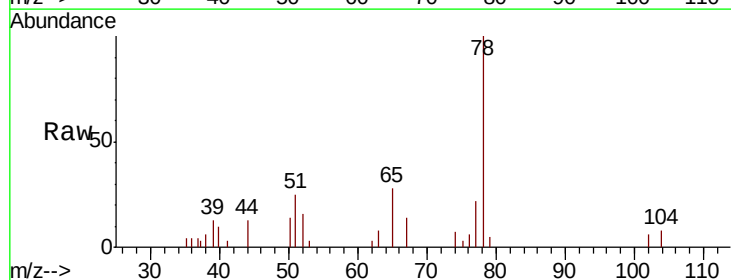
Acq: 29 Oct 2018 19:37

Tgt Ion: 78 Resp: 4655

Ion Ratio Lower Upper

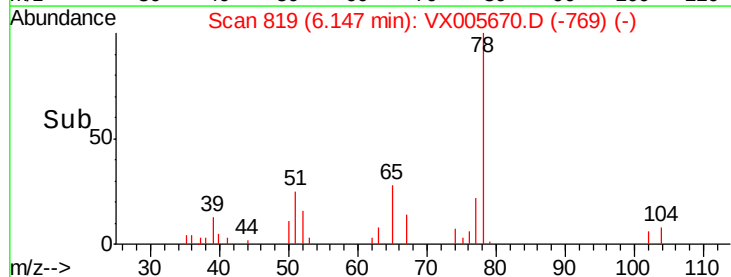
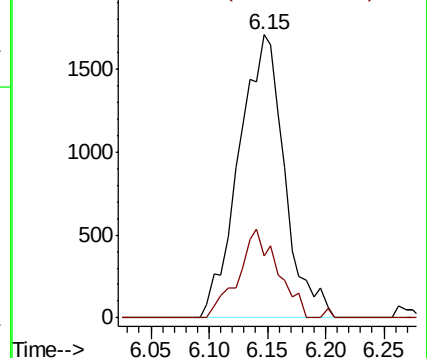
78 100

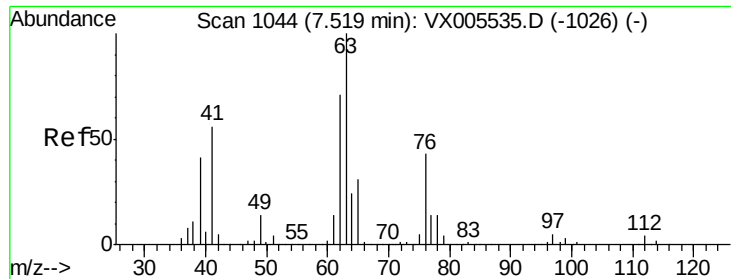
77 21.7 18.4 27.6



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

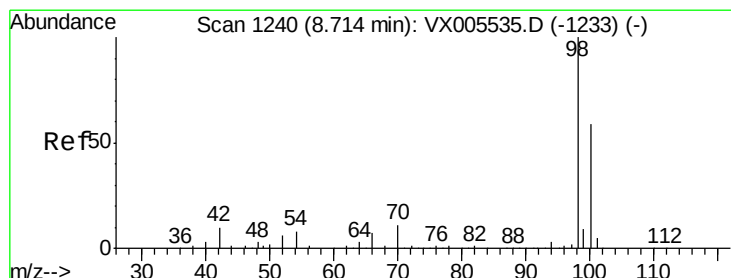
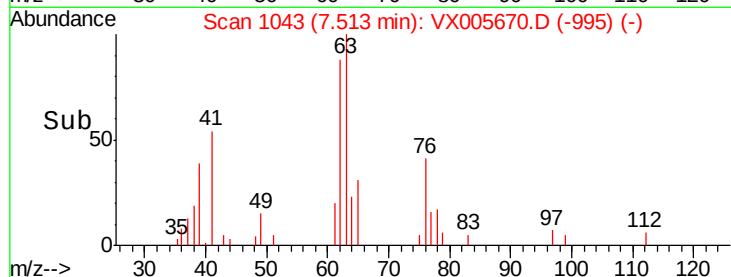
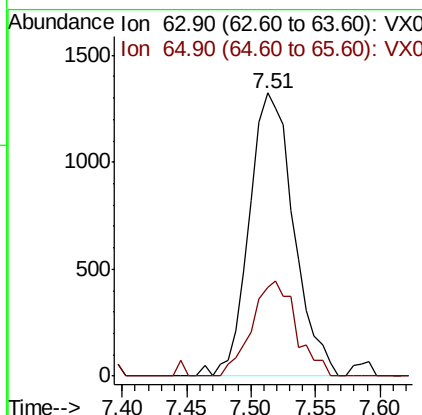
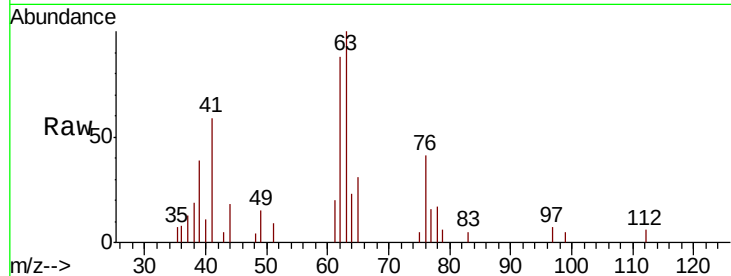




#45
 1,2-Dichloropropane
 Concen: 1.109 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX005670.D
 Acq: 29 Oct 2018 19:37

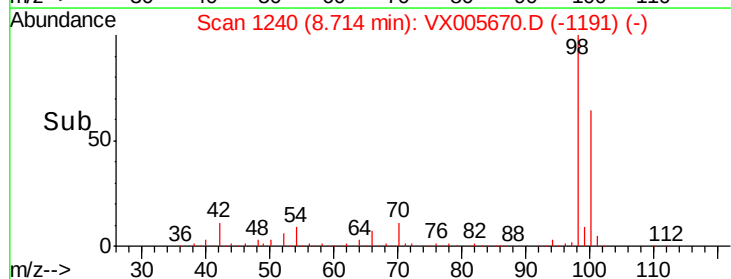
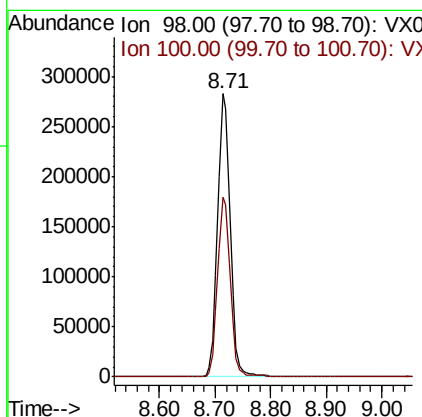
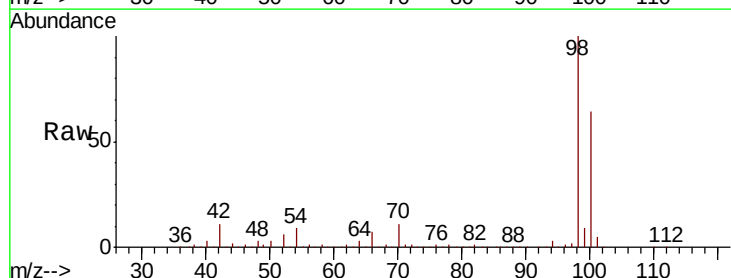
Instrument :
 MSVOA_X
 ClientSampled :
 MW-202DL

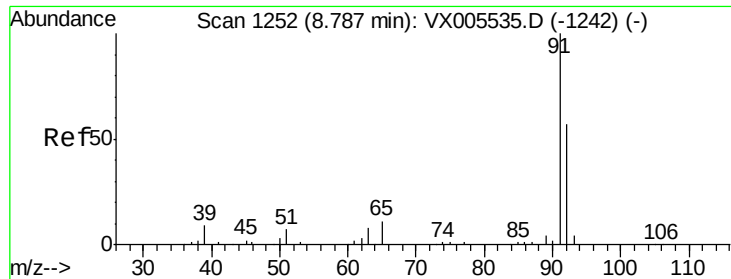
Tot Ion: 63 Resp: 3165
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.8 37.2



#50
 Toluene-d8
 Concen: 48.306 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX005670.D
 Acq: 29 Oct 2018 19:37

Tgt Ion: 98 Resp: 448370
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.3 76.9





#52

Toluene

Concen: 1.173 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX005670.D

Acq: 29 Oct 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

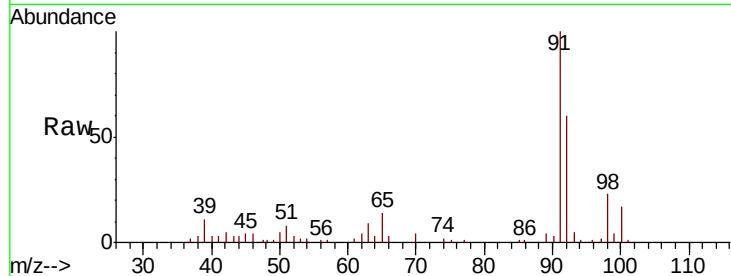
MW-202DL

Tot Ion: 92 Resp: 7568

Ion Ratio Lower Upper

92 100

91 173.6 140.4 210.6

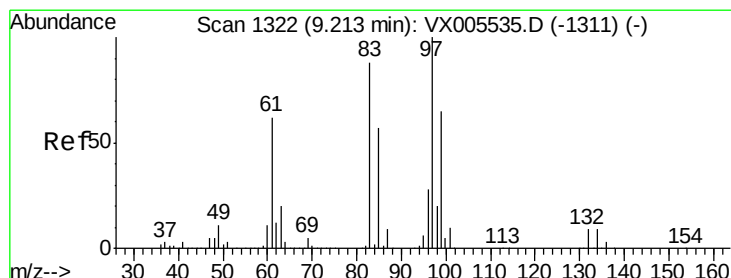
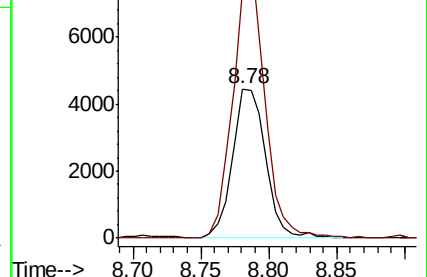
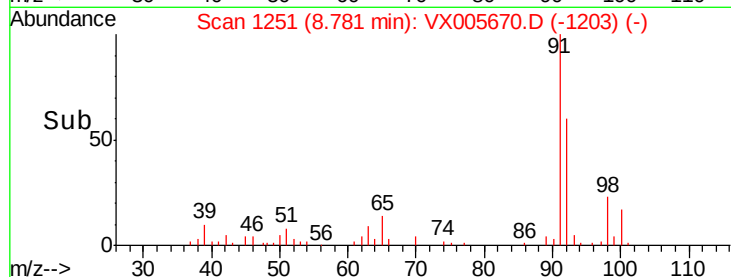


Abundance Ion 92.00 (91.70 to 92.70): VX005535.D (-1242) (-)

Ion 91.00 (90.70 to 91.70): VX005535.D (-1242) (-)

8.78

Time-->



#55

1,1,2-Trichloroethane

Concen: 0.248 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX005670.D

Acq: 29 Oct 2018 19:37

Tgt Ion: 97 Resp: 675

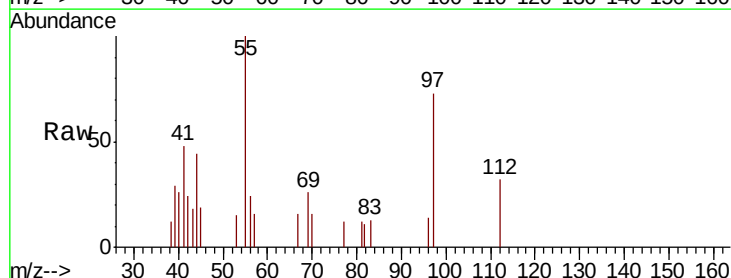
Ion Ratio Lower Upper

97 100

83 17.2 70.7 106.1#

85 0.0 45.8 68.6#

99 0.0 51.8 77.8#



Abundance Ion 96.90 (96.60 to 97.60): VX005535.D (-1311) (-)

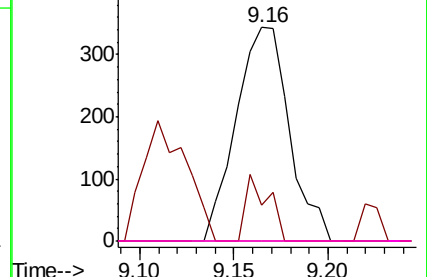
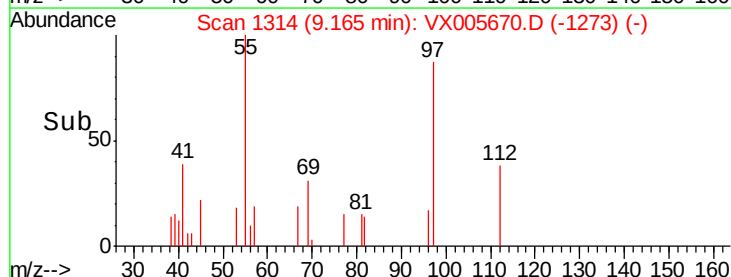
Ion 82.90 (82.60 to 83.60): VX005535.D (-1311) (-)

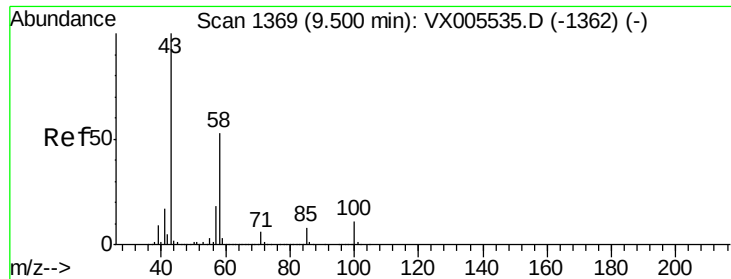
Ion 84.90 (84.60 to 85.60): VX005535.D (-1311) (-)

Ion 98.90 (98.60 to 99.60): VX005535.D (-1311) (-)

9.16

Time-->

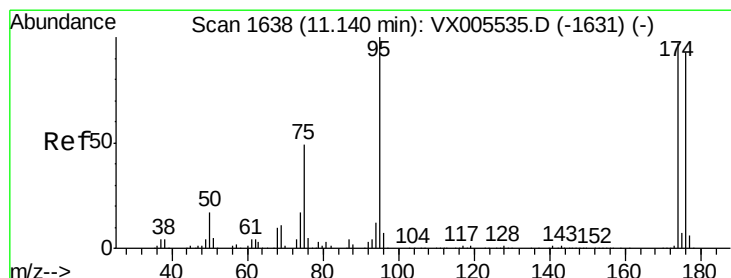
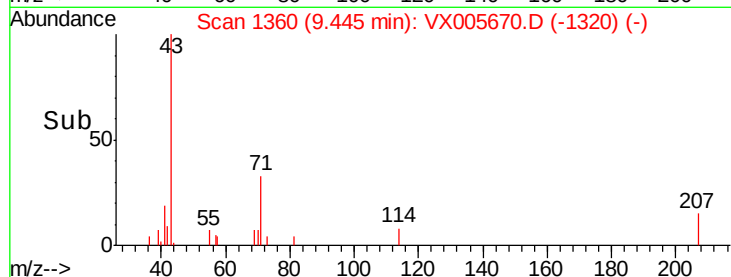
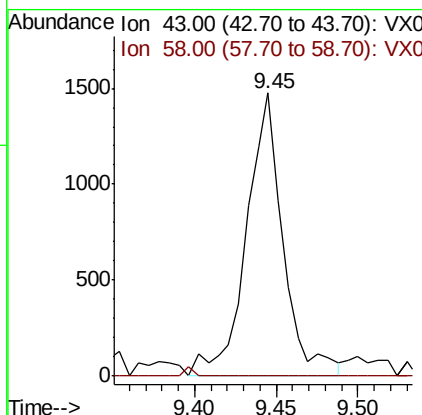
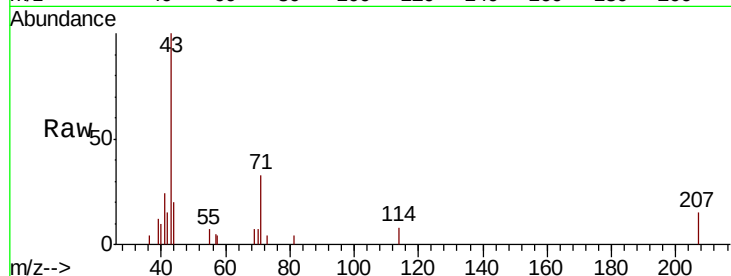




#59
2-Hexanone
Concen: 0.618 ug/l
RT: 9.45 min Scan# 1360
Delta R.T. -0.05 min
Lab File: VX005670.D
Acq: 29 Oct 2018 19:37

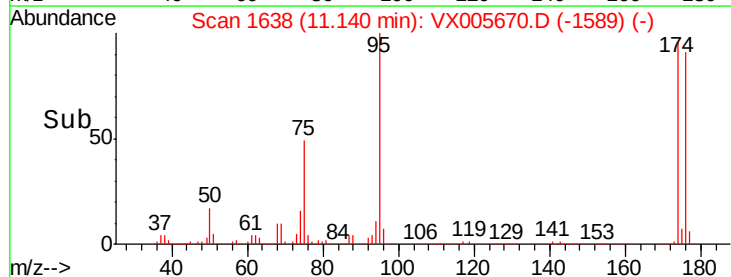
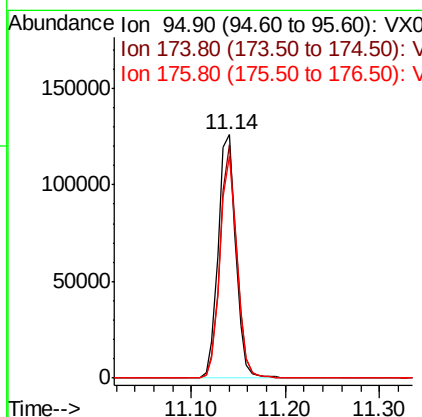
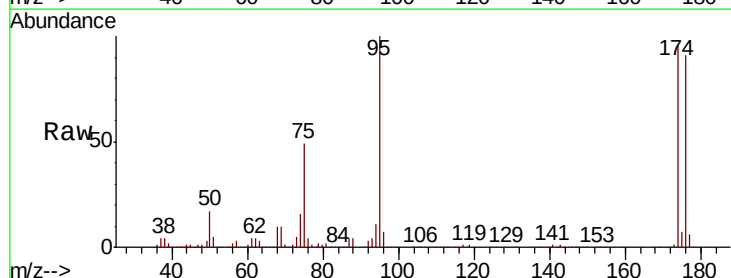
Instrument :
MSVOA_X
ClientSampleId :
MW-202DL

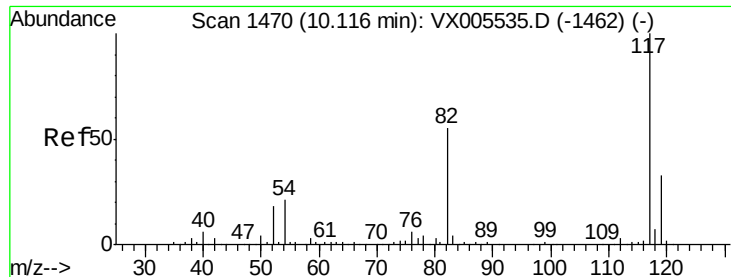
Tot Ion: 43 Resp: 2317
Ion Ratio Lower Upper
43 100
58 0.0 25.9 77.8#



#62
4-Bromofluorobenzene
Concen: 46.752 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005670.D
Acq: 29 Oct 2018 19:37

Tgt Ion: 95 Resp: 163881
Ion Ratio Lower Upper
95 100
174 91.5 0.0 184.4
176 88.0 0.0 177.4

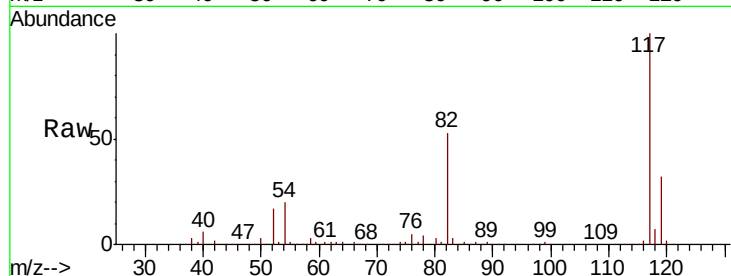




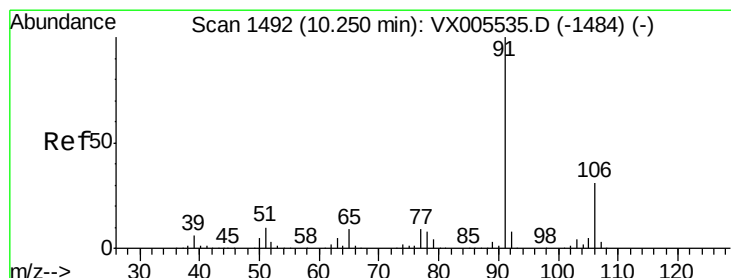
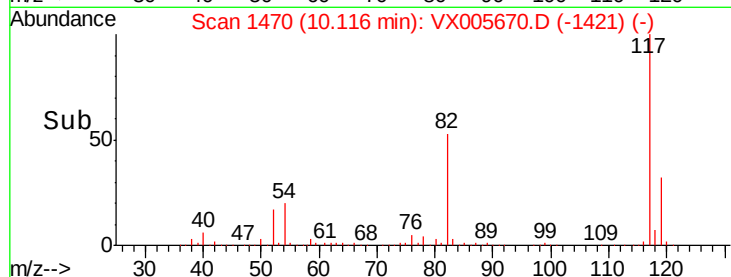
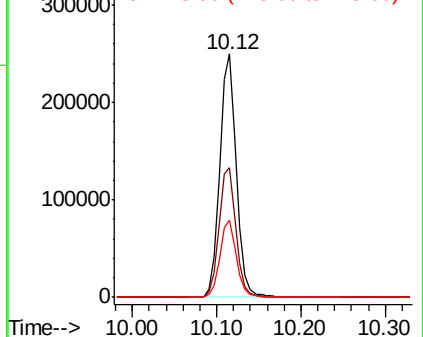
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005670.D
Acq: 29 Oct 2018 19:37

Instrument :
MSVOA_X
ClientSampleId :
MW-202DL

Tot Ion:117 Resp: 339838
Ion Ratio Lower Upper
117 100
82 53.2 44.1 66.1
119 32.0 26.2 39.2

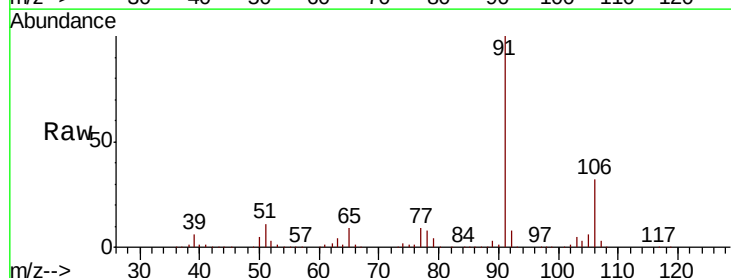


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

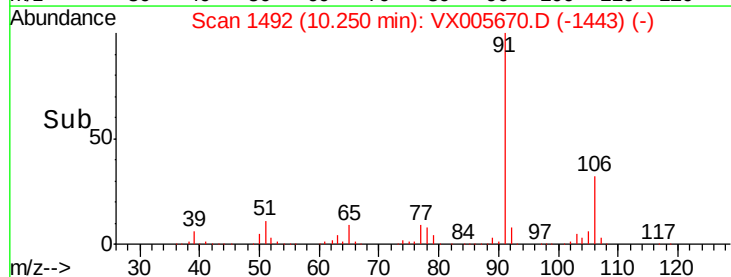
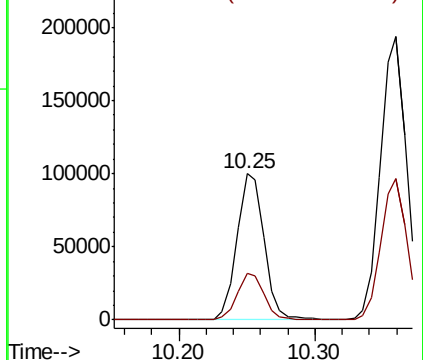


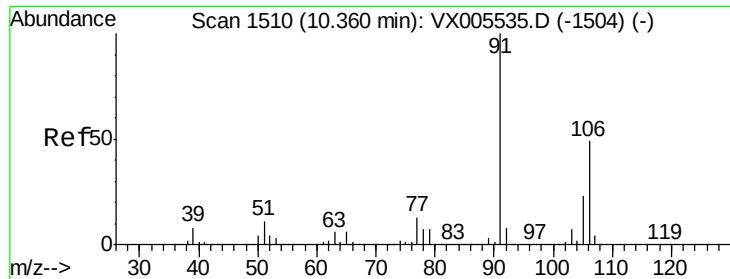
#67
Ethyl Benzene
Concen: 11.675 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX005670.D
Acq: 29 Oct 2018 19:37

Tgt Ion: 91 Resp: 139011
Ion Ratio Lower Upper
91 100
106 32.2 24.4 36.6



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

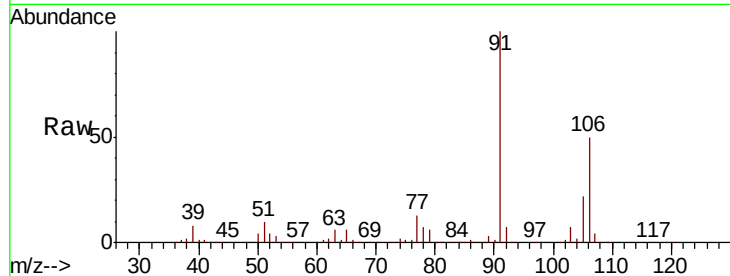




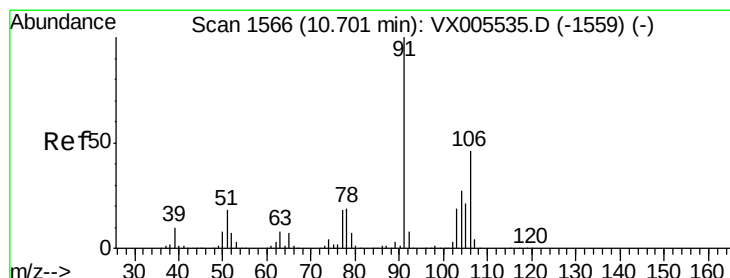
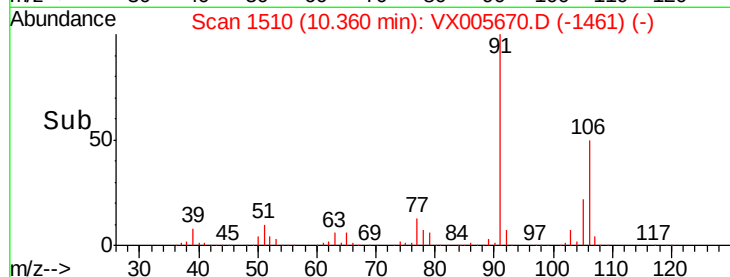
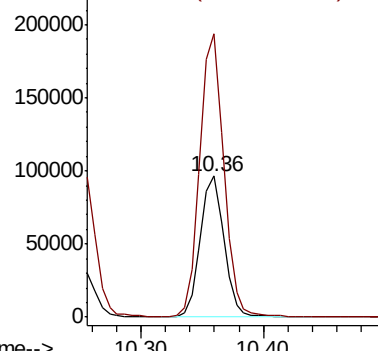
#68
m/p-Xylenes
Concen: 27.987 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005670.D
Acq: 29 Oct 2018 19:37

Instrument :
MSVOA_X
ClientSampleId :
MW-202DL

Tot Ion:106 Resp: 129281
Ion Ratio Lower Upper
106 100
91 204.3 164.2 246.4

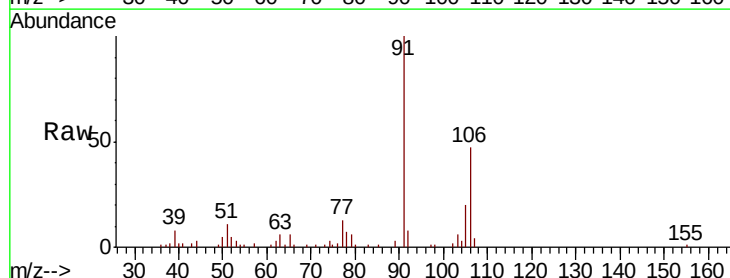


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

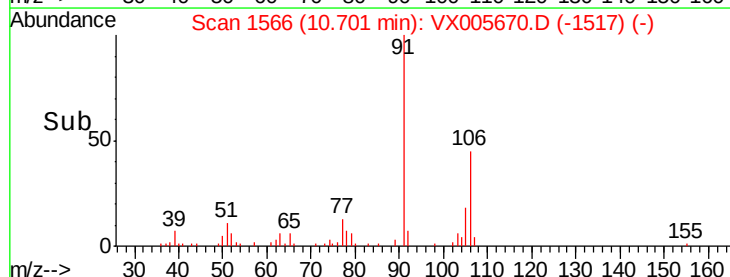
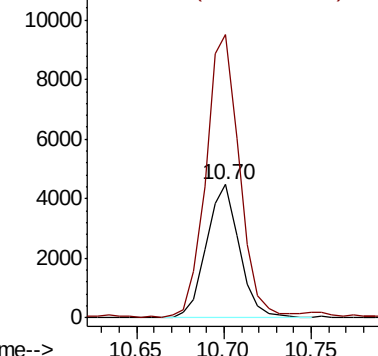


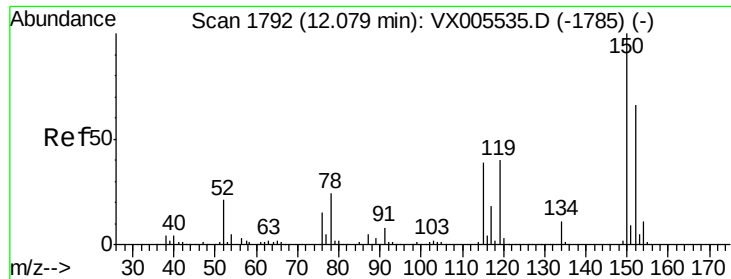
#69
o-Xylene
Concen: 1.349 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005670.D
Acq: 29 Oct 2018 19:37

Tgt Ion:106 Resp: 5861
Ion Ratio Lower Upper
106 100
91 216.3 108.5 325.5



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



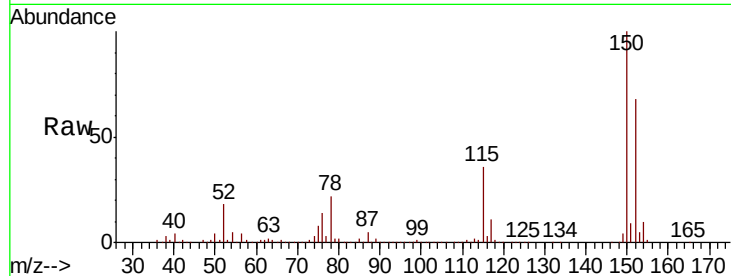


#72

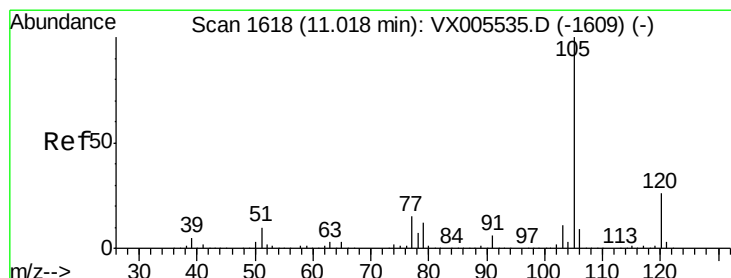
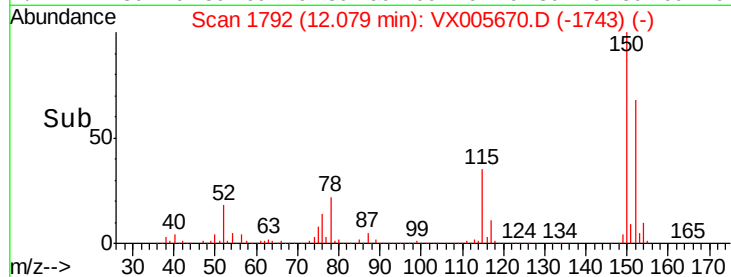
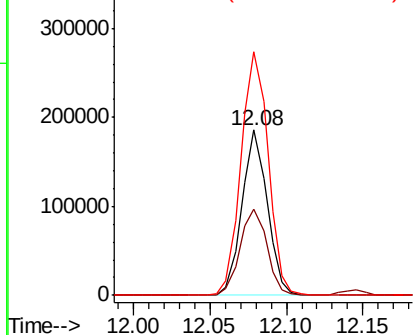
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005670.D
Acq: 29 Oct 2018 19:37

Instrument :
MSVOA_X
ClientSampleId :
MW-202DL

Tot Ion:152 Resp: 213668
Ion Ratio Lower Upper
152 100
115 55.3 39.4 118.1
150 158.3 0.0 346.4



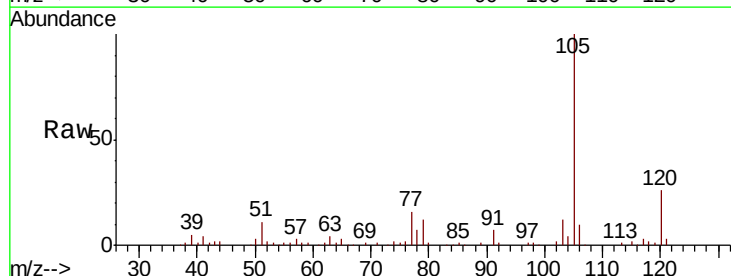
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



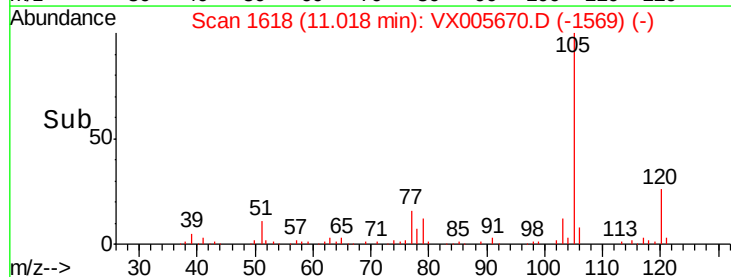
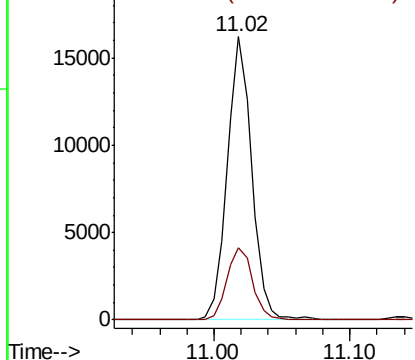
#73

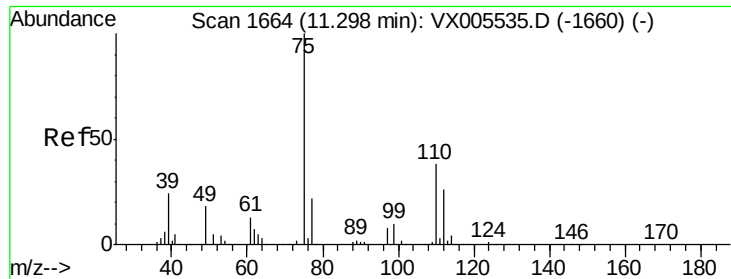
Isopropylbenzene
Concen: 1.549 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005670.D
Acq: 29 Oct 2018 19:37

Tgt Ion:105 Resp: 20234
Ion Ratio Lower Upper
105 100
120 26.9 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 17.886 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005670.D

Acq: 29 Oct 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

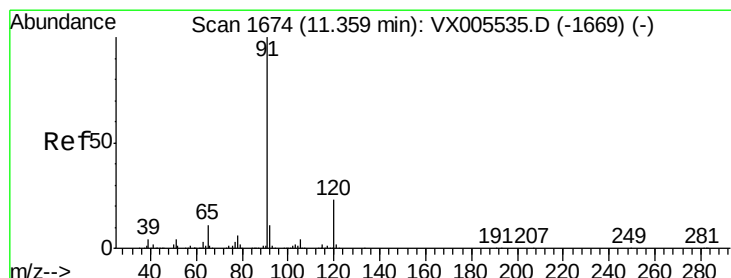
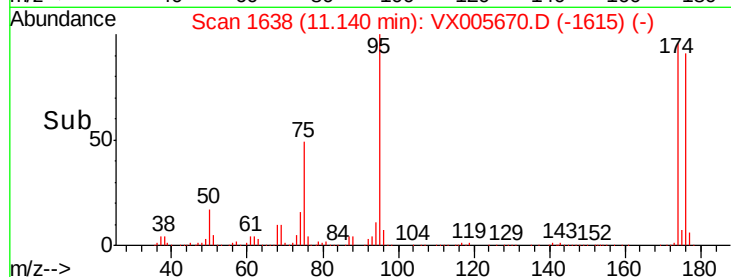
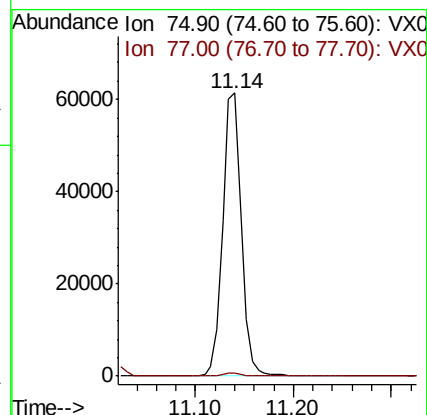
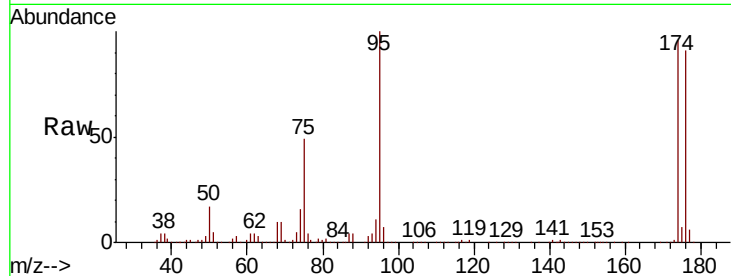
MW-202DL

Tot Ion: 75 Resp: 80971

Ion Ratio Lower Upper

75 100

77 1.3 20.5 61.6#



#78

n-propylbenzene

Concen: 2.399 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005670.D

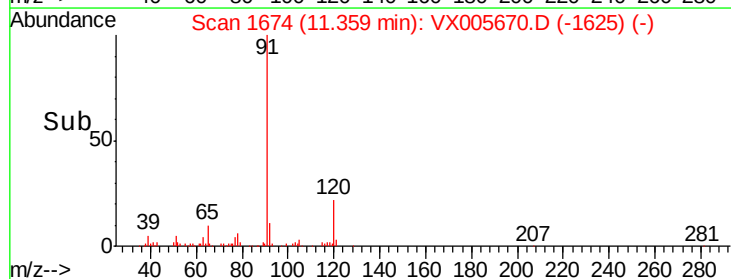
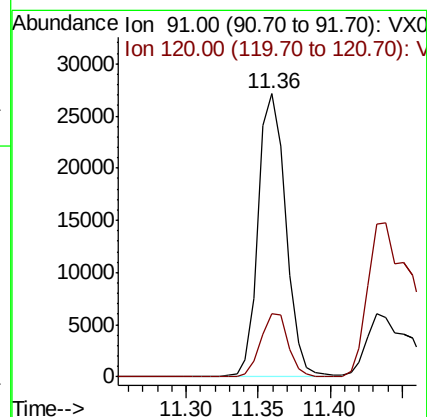
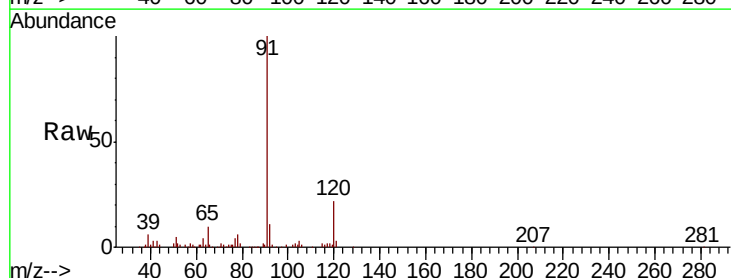
Acq: 29 Oct 2018 19:37

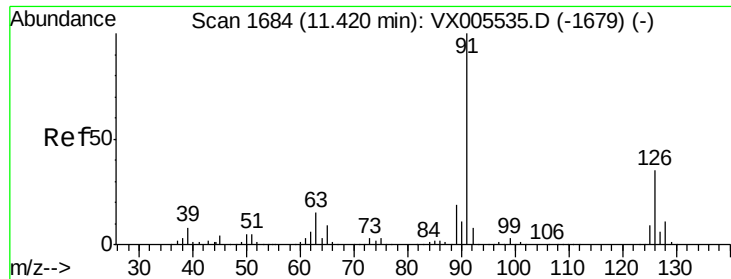
Tgt Ion: 91 Resp: 35822

Ion Ratio Lower Upper

91 100

120 22.3 11.9 35.5

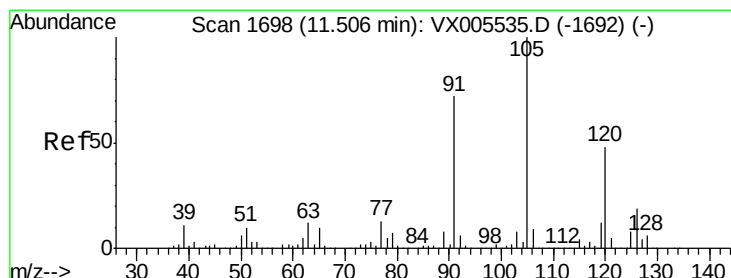
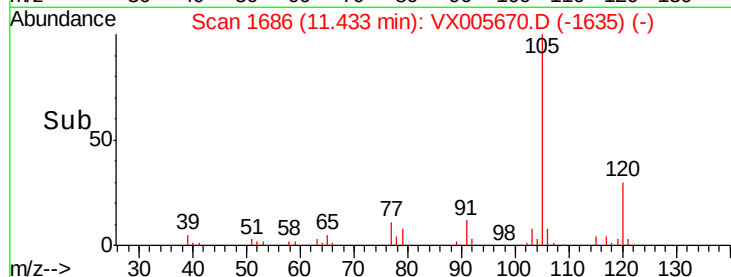
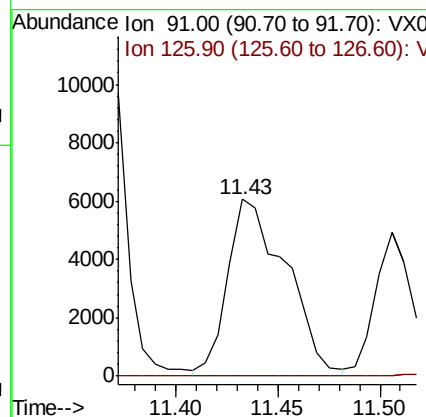
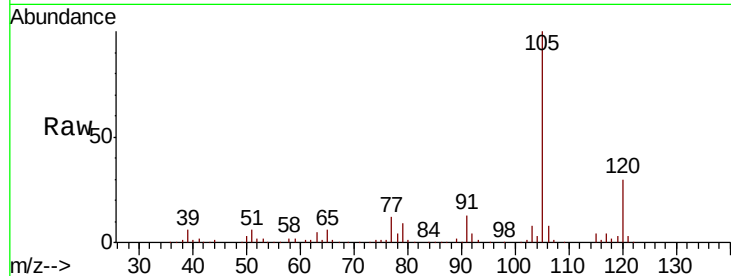




#79
 2-Chlorotoluene
 Concen: 1.305 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.01 min
 Lab File: VX005670.D
 Acq: 29 Oct 2018 19:37

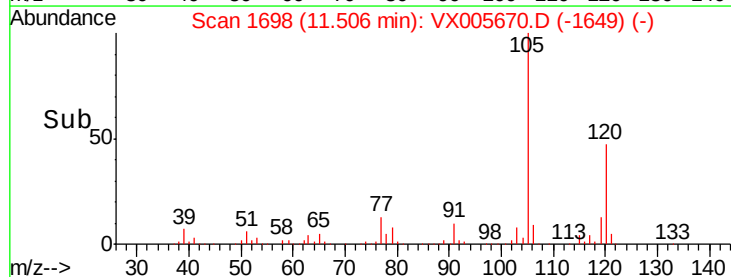
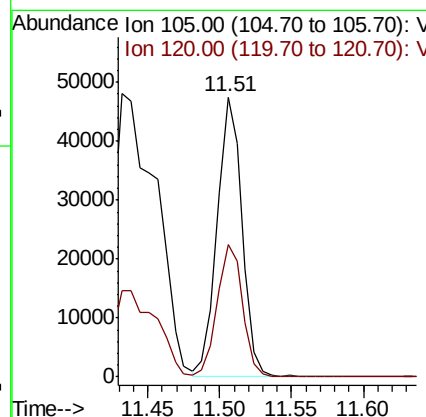
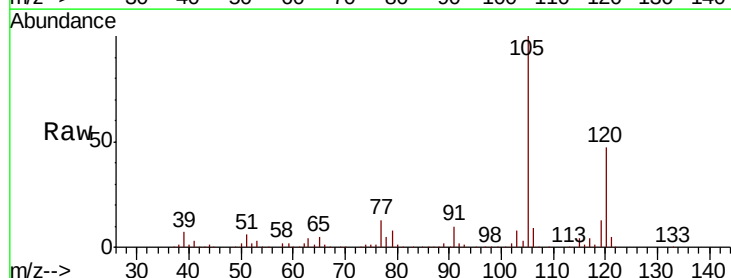
Instrument :
 MSVOA_X
 ClientSampled :
 MW-202DL

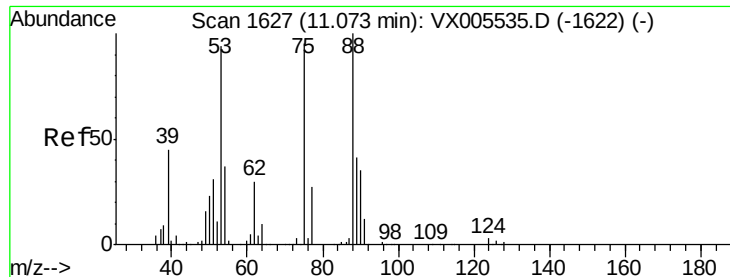
Tot Ion: 91 Resp: 12080
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.3 52.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 5.113 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005670.D
 Acq: 29 Oct 2018 19:37

Tgt Ion: 105 Resp: 57130
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.1 72.2

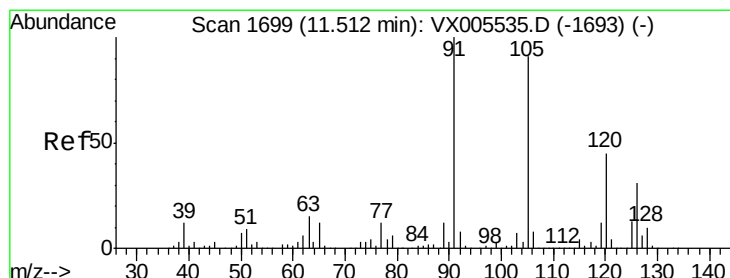
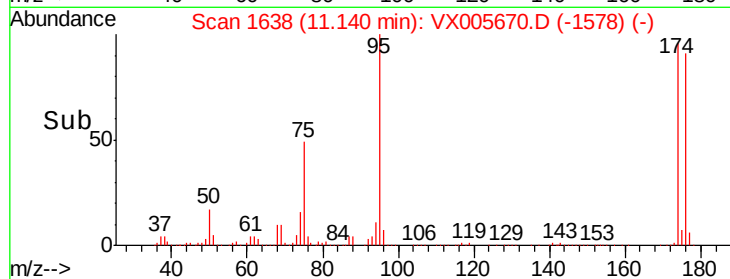
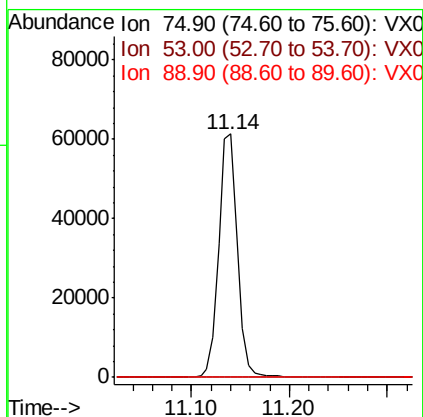
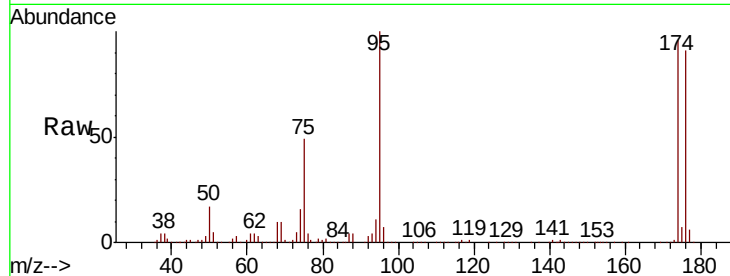




#81
trans-1,4-Dichloro-2-butene
Concen: 58.442 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX005670.D
Acq: 29 Oct 2018 19:37

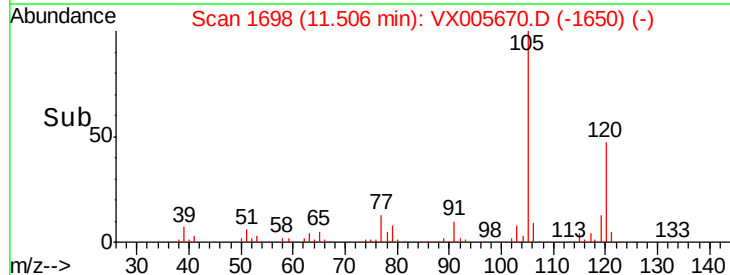
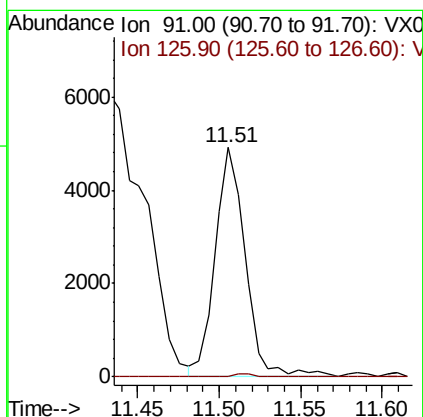
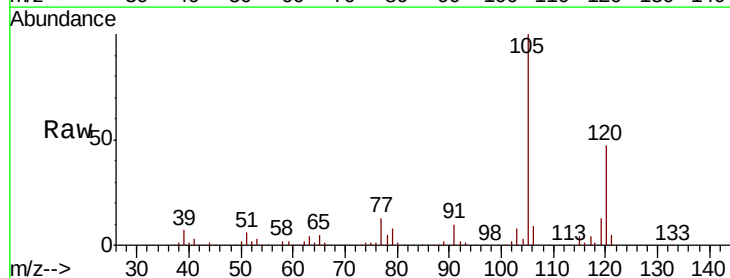
Instrument :
MSVOA_X
ClientSampleId :
MW-202DL

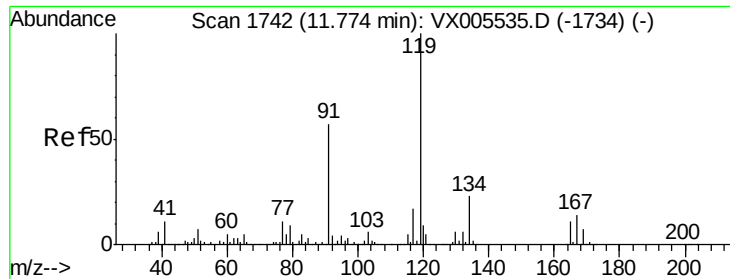
Tot Ion: 75 Resp: 80971
Ion Ratio Lower Upper
75 100
53 0.2 80.2 120.2#
89 0.0 39.8 59.8#



#82
4-Chlorotoluene
Concen: 0.583 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX005670.D
Acq: 29 Oct 2018 19:37

Tgt Ion: 91 Resp: 6370
Ion Ratio Lower Upper
91 100
126 0.8 15.2 45.6#

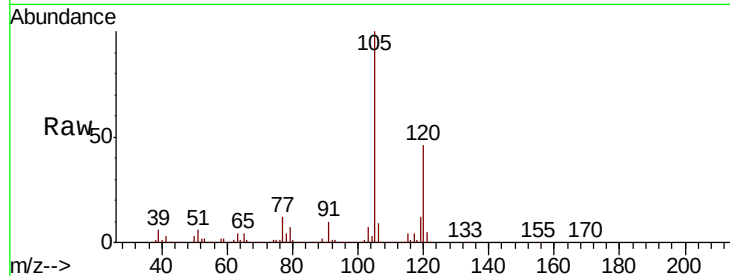




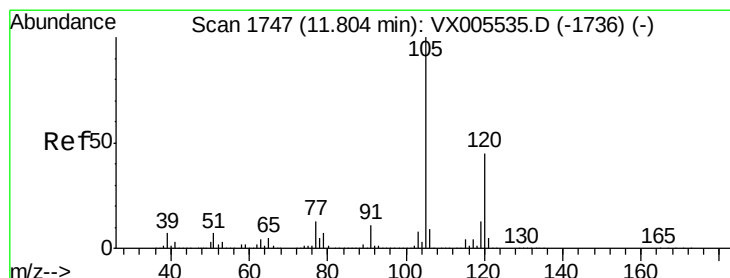
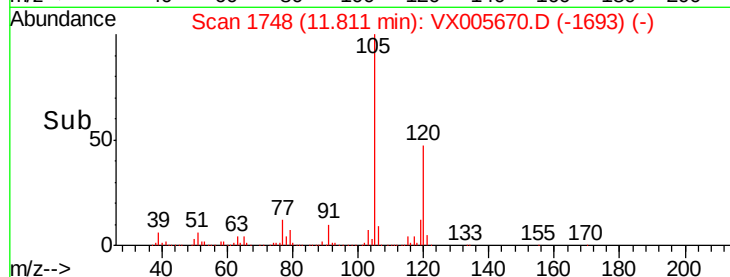
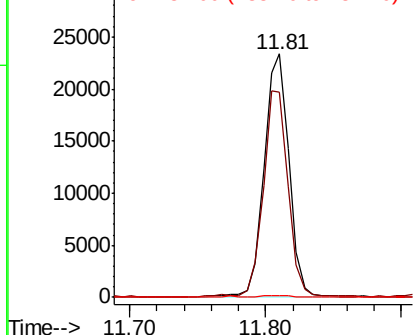
#83
tert-Butylbenzene
Concen: 2.701 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.04 min
Lab File: VX005670.D
Acq: 29 Oct 2018 19:37

Instrument :
MSVOA_X
ClientSampleId :
MW-202DL

Tot Ion:119 Resp: 30086
Ion Ratio Lower Upper
119 100
91 86.4 28.5 85.5#
134 1.1 11.3 33.8#

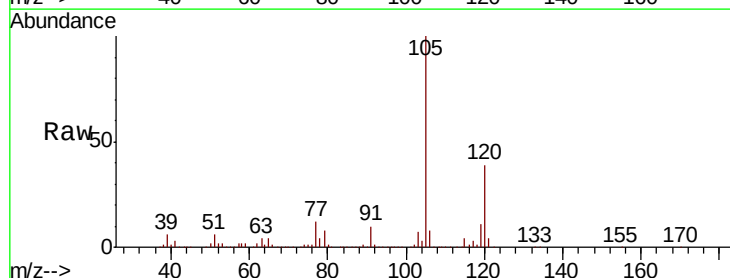


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

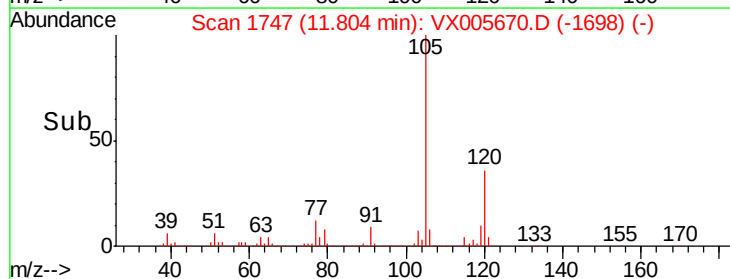
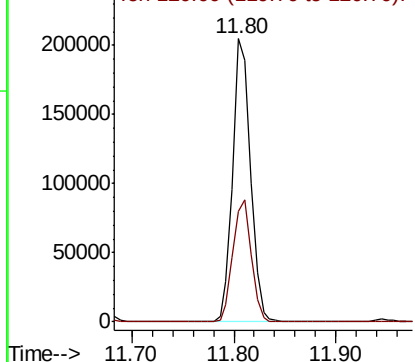


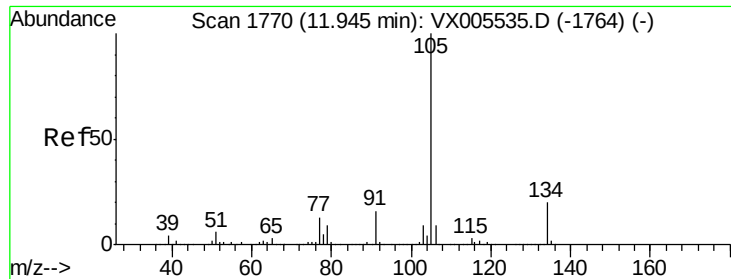
#84
1,2,4-Trimethylbenzene
Concen: 21.710 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX005670.D
Acq: 29 Oct 2018 19:37

Tgt Ion:105 Resp: 245837
Ion Ratio Lower Upper
105 100
120 44.6 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.498 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX005670.D

Acq: 29 Oct 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

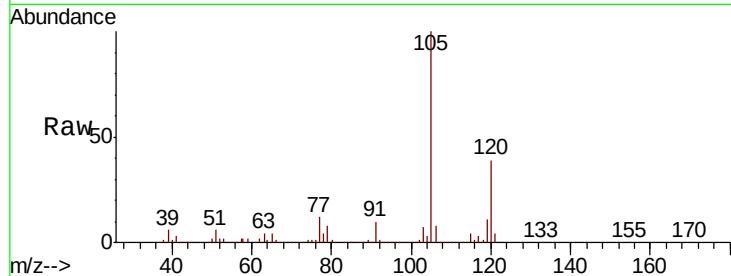
MW-202DL

Tot Ion:105 Resp: 245837

Ion Ratio Lower Upper

105 100

134 0.1 10.2 30.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

100000

50000

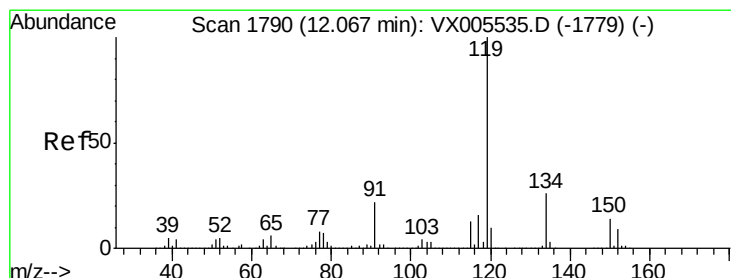
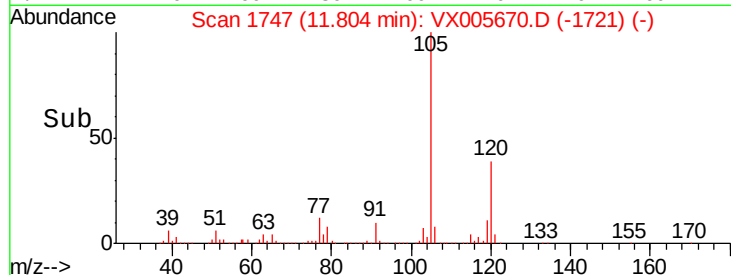
0

11.70

11.80

11.90

Time-->



#86

p-Isopropyltoluene

Concen: 0.319 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.04 min

Lab File: VX005670.D

Acq: 29 Oct 2018 19:37

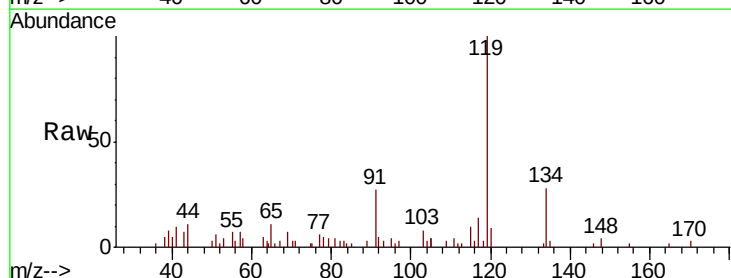
Tgt Ion:119 Resp: 3788

Ion Ratio Lower Upper

119 100

134 30.1 13.0 39.0

91 25.1 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

4000

3000

2000

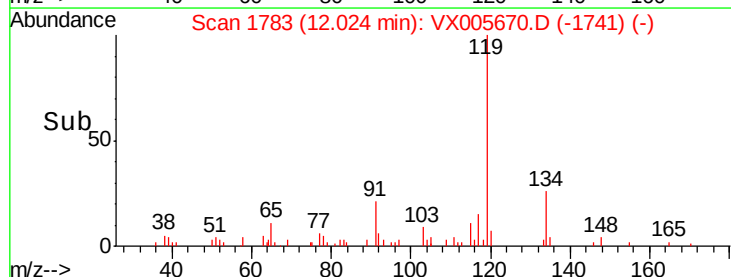
1000

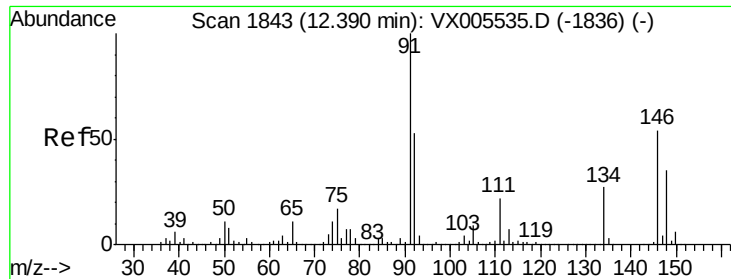
0

12.00

12.05

Time-->

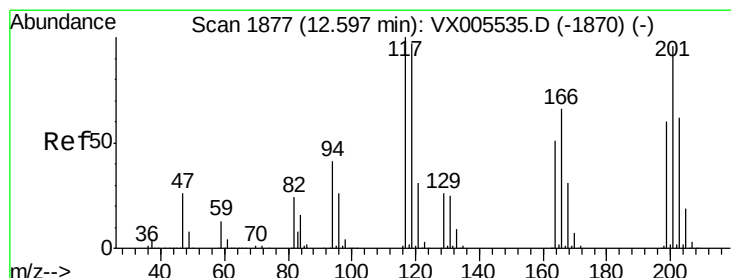
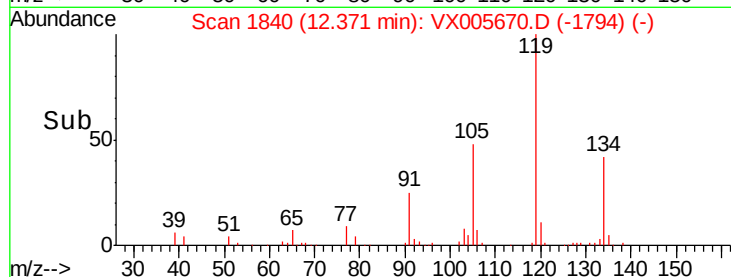
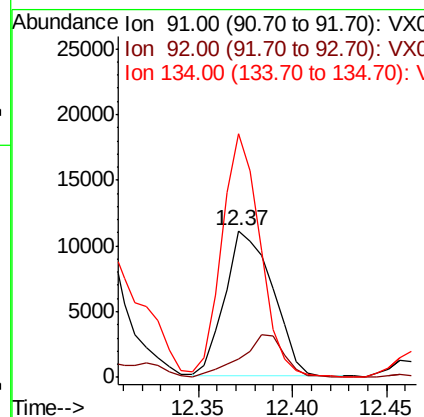
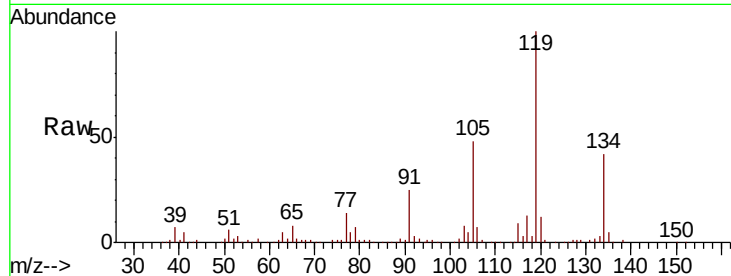




#89
n-Butylbenzene
Concen: 1.805 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.02 min
Lab File: VX005670.D
Acq: 29 Oct 2018 19:37

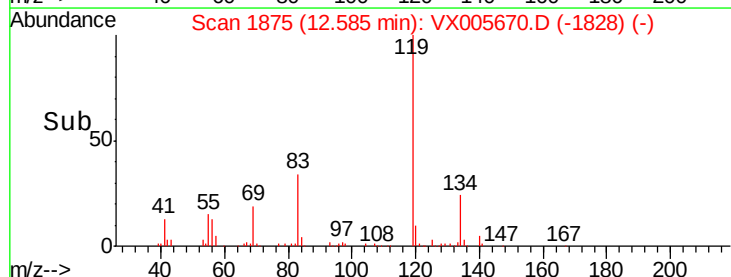
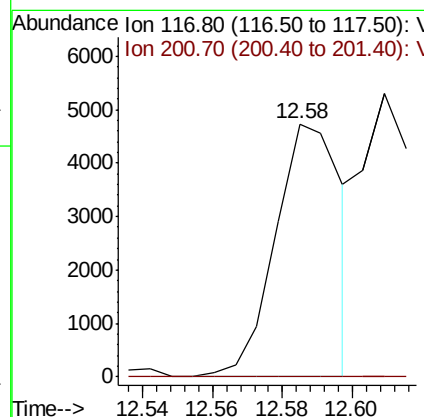
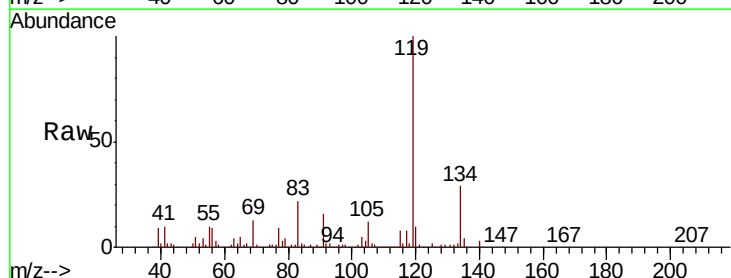
Instrument :
MSVOA_X
ClientSampled :
MW-202DL

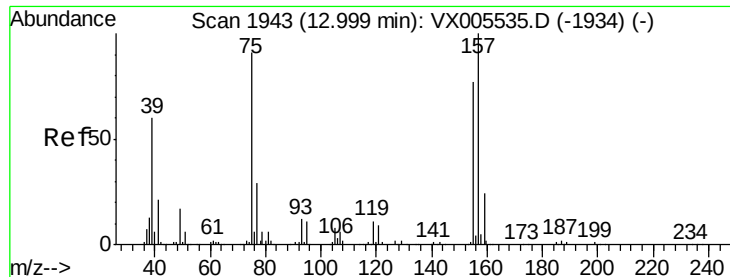
Tot Ion: 91 Resp: 19354
Ion Ratio Lower Upper
91 100
92 26.8 26.1 78.2
134 135.6 13.1 39.3#



#90
Hexachloroethane
Concen: 3.045 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX005670.D
Acq: 29 Oct 2018 19:37

Tgt Ion: 117 Resp: 6240
Ion Ratio Lower Upper
117 100
201 0.0 47.9 143.6#

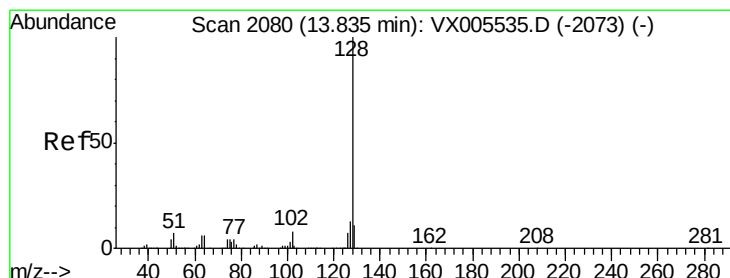
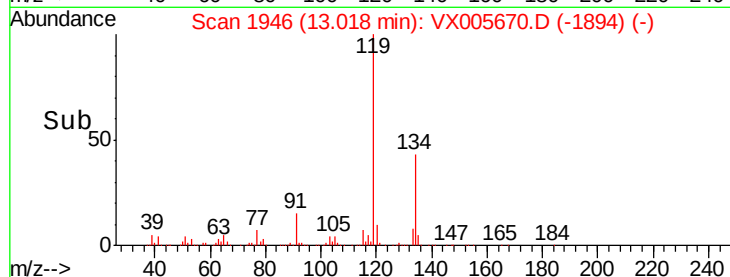
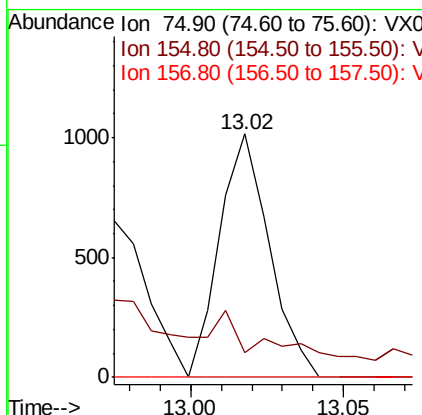
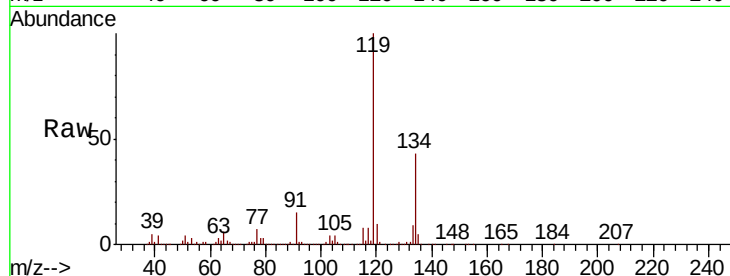




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.979 ug/l
 RT: 13.02 min Scan# 1946
 Delta R.T. 0.02 min
 Lab File: VX005670.D
 Acq: 29 Oct 2018 19:37

Instrument :
 MSVOA_X
 ClientSampled :
 MW-202DL

Tot Ion: 75 Resp: 1141
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.4 136.1#
 157 0.0 57.4 172.0#



#95
 Naphthalene
 Concen: 36.431 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX005670.D
 Acq: 29 Oct 2018 19:37

Tgt Ion:128 Resp: 531615
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.4 15.6
 129 11.0 8.7 13.1

