

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091918\
 Data File : VX004703.D
 Acq On : 19 Sep 2018 14:06
 Operator : JC/MD
 Sample : J4939-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Sep 20 03:47:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	247973	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	364853	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	326123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	179139	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	136564	42.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.42%	
35) Dibromofluoromethane	5.50	113	135467	40.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.14%	
50) Toluene-d8	8.72	98	494132	44.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.26%	
62) 4-Bromofluorobenzene	11.14	95	173711	43.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.92%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	671	0.21	ug/l	91
4) Vinyl Chloride	1.40	62	97250	29.63	ug/l	99
5) Bromomethane	1.65	94	995	Below	Cal	89
6) Chloroethane	1.73	64	155420	73.21	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1257	0.46	ug/l #	29
10) Methyl Iodide	2.52	142	1536	4.68	ug/l #	94
11) Tert butyl alcohol	3.07	59	12236	16.04	ug/l	98
12) 1,1-Dichloroethene	2.37	96	460551	177.75	ug/l	98
13) Acrolein	2.27	56	315	1.05	ug/l #	1
15) Acrylonitrile	3.15	53	428	0.23	ug/l #	57
16) Acetone	2.45	43	3548	2.27	ug/l	89
17) Carbon Disulfide	2.57	76	2284	0.30	ug/l #	91
19) Methyl tert-butyl Ether	3.20	73	2099	0.23	ug/l #	85
20) Methylene Chloride	2.85	84	5848	1.83	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	985	0.34	ug/l #	74
24) 1,1-Dichloroethane	3.70	63	165288	30.52	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	67174	21.02	ug/l	90
29) Tetrahydrofuran	5.16	42	1421	0.95	ug/l #	88
31) Cyclohexane	5.59	56	1090	0.24	ug/l	92
36) 1,1-Dichloropropene	5.65	75	15198	3.43	ug/l #	49
38) Carbon Tetrachloride	5.66	117	21034	4.86	ug/l #	15
39) Methylcyclohexane	7.46	83	2318	0.50	ug/l	88
40) Benzene	6.14	78	11671	0.89	ug/l	97
42) 1,2-Dichloroethane	6.20	62	31172	7.15	ug/l	99
43) Isopropyl Acetate	6.39	43	84974	12.70	ug/l #	61
44) Trichloroethene	7.22	130	3716	1.09	ug/l	92
48) Methyl methacrylate	7.75	41	3232	0.98	ug/l #	48
49) 1,4-Dioxane	7.75	88	205176	2617.81	ug/l #	94
58) 2-Chloroethyl Vinyl ether	8.51	63	20	7.28	ug/l #	45
59) 2-Hexanone	9.31	43	3693	1.02	ug/l	74
68) m/p-Xylenes	10.36	106	1653	0.33	ug/l	95
69) o-Xylene	10.70	106	3483	0.71	ug/l	97
73) Isopropylbenzene	11.02	105	2774	0.24	ug/l	99
74) N-ethyl acetate	10.95	43	1024	0.21	ug/l #	40

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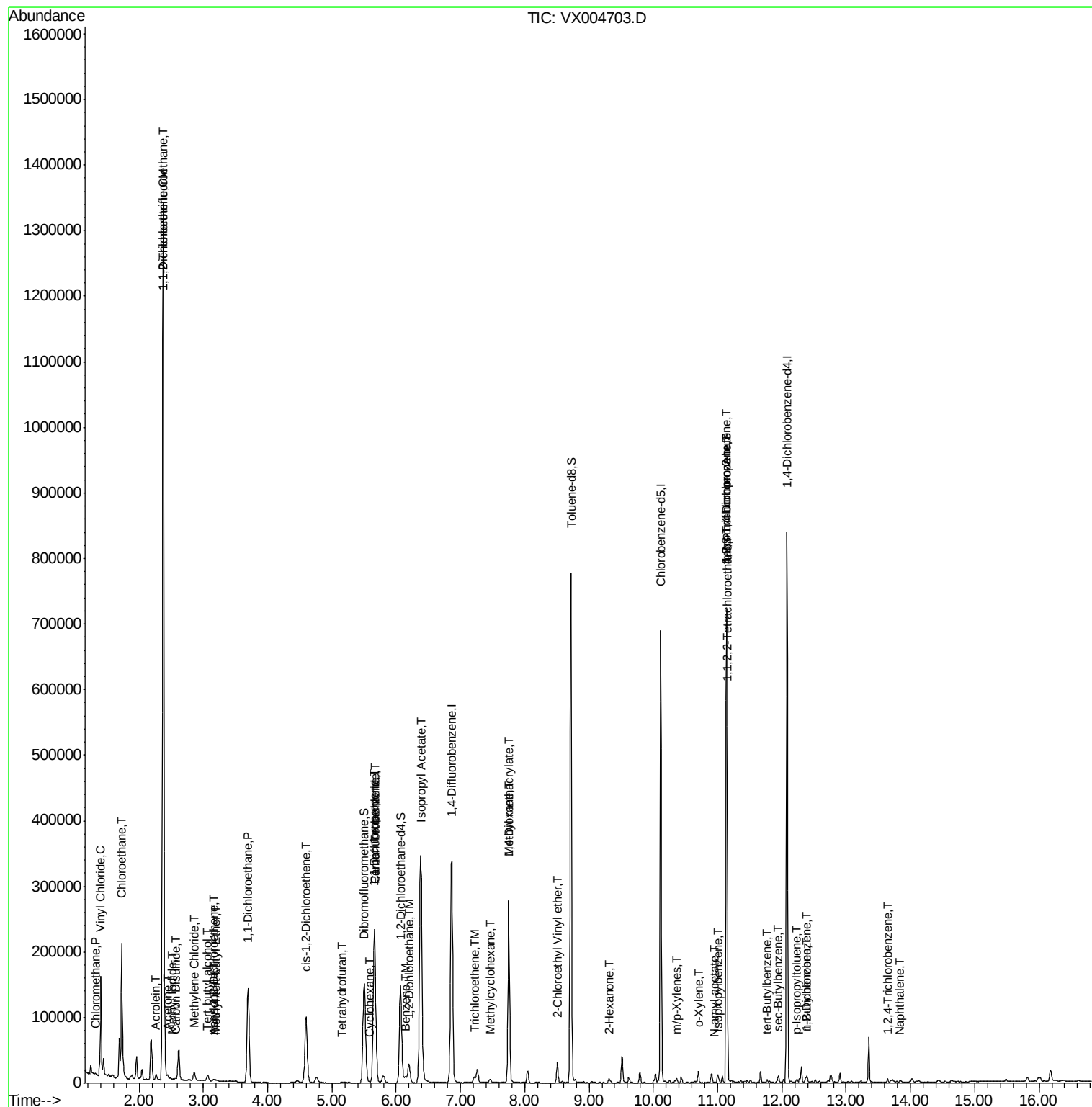
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) 1,1,2,2-Tetrachloroethane	11.15	83	2738	0.72	ug/l	97
76) 1,2,3-Trichloropropane	11.14	75	81319	22.56	ug/l #	41
81) trans-1,4-Dichloro-2-buten	11.14	75	81319	71.92	ug/l #	33
83) tert-Butylbenzene	11.77	119	2142	0.23	ug/l	86
85) sec-Butylbenzene	11.94	105	4450	0.37	ug/l	82
86) p-Isopropyltoluene	12.24	119	2532	0.24	ug/l	98
89) n-Butylbenzene	12.39	91	2334	0.24	ug/l #	66
91) 1,2-Dichlorobenzene	12.39	146	1614	0.26	ug/l	95
93) 1,2,4-Trichlorobenzene	13.65	180	1121	0.26	ug/l #	91
95) Naphthalene	13.83	128	2601	0.21	ug/l #	94

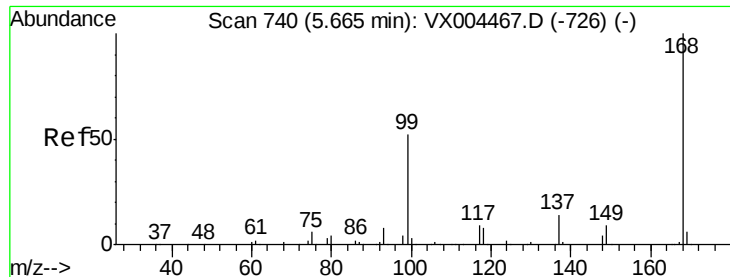
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX004703.D

Acq: 19 Sep 2018 14:06

Instrument :

MSVOA_X

ClientSampleId :

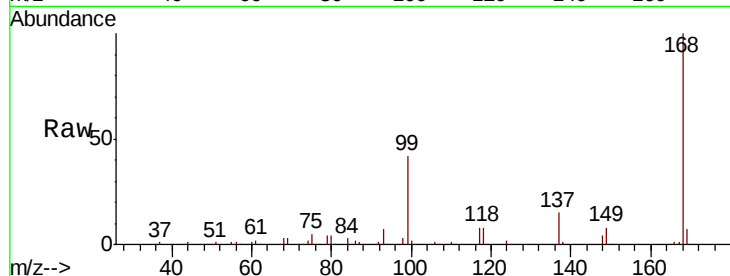
MW-1

Tot Ion:168 Resp: 247973

Ion Ratio Lower Upper

168 100

99 41.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

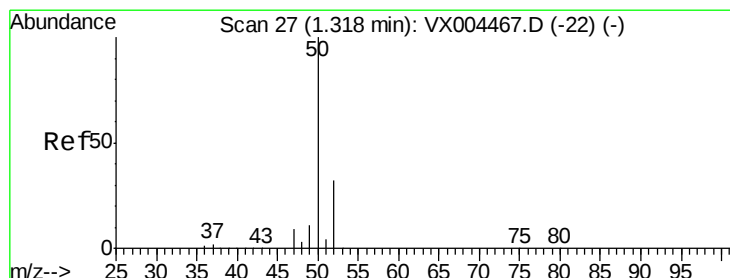
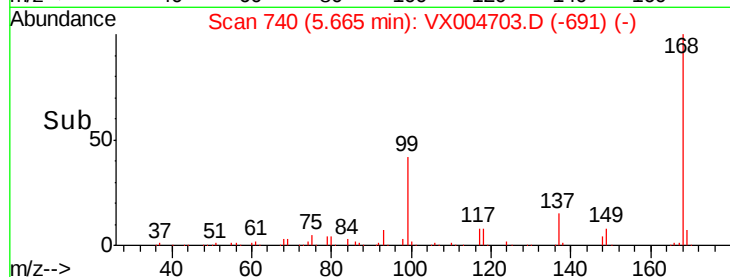
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.21 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004703.D

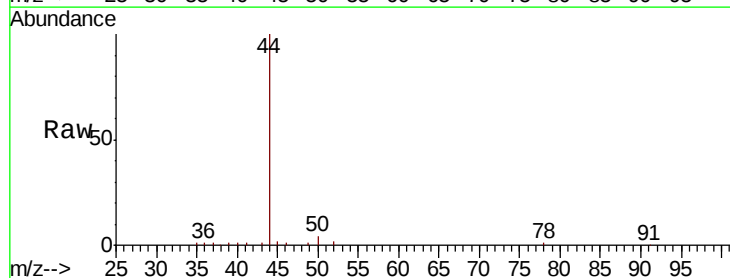
Acq: 19 Sep 2018 14:06

Tgt Ion: 50 Resp: 671

Ion Ratio Lower Upper

50 100

52 37.9 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

600

500

400

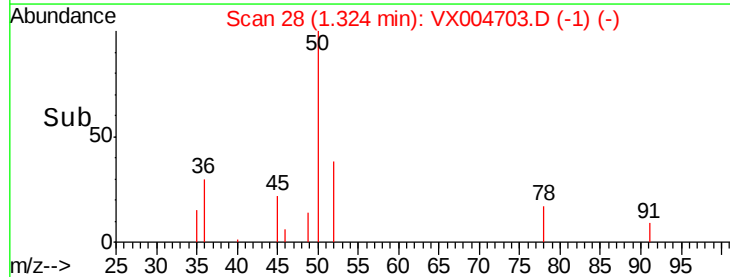
300

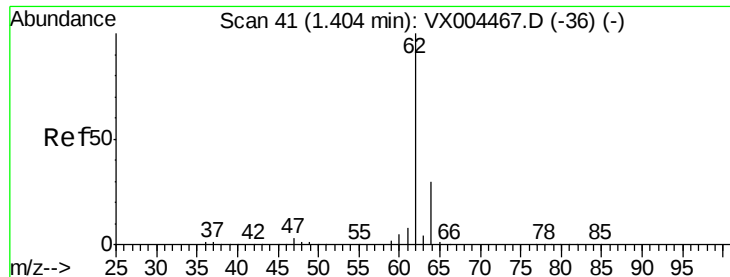
200

100

0

Time--> 1.30 1.35





#4

Vinyl Chloride

Concen: 29.63 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004703.D

Acq: 19 Sep 2018 14:06

Instrument :

MSVOA_X

ClientSampleId :

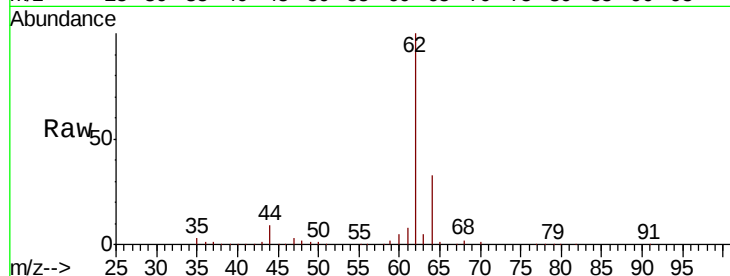
MW-1

Tot Ion: 62 Resp: 97250

Ion Ratio Lower Upper

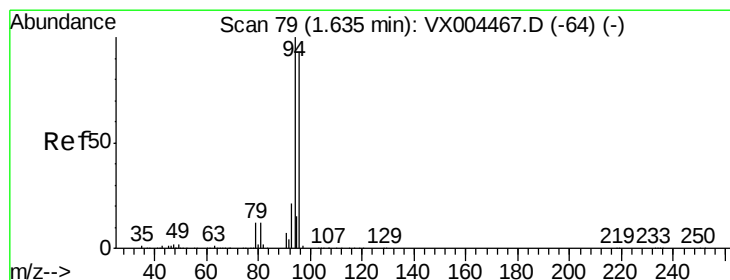
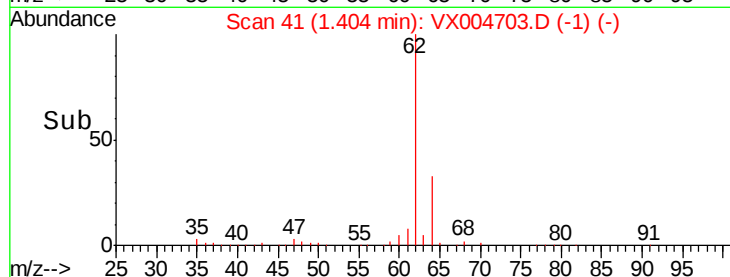
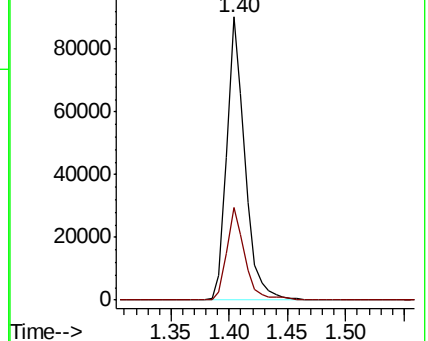
62 100

64 32.6 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX004703.D

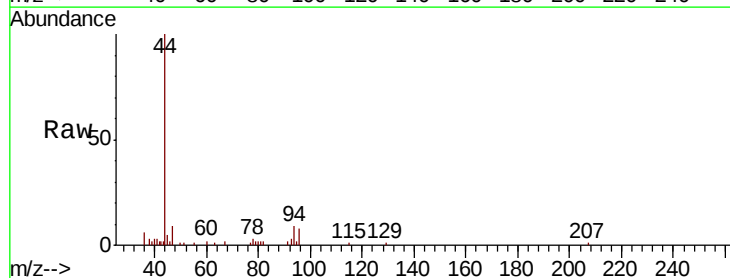
Acq: 19 Sep 2018 14:06

Tgt Ion: 94 Resp: 995

Ion Ratio Lower Upper

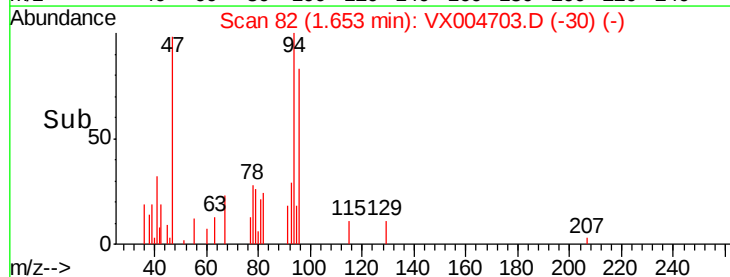
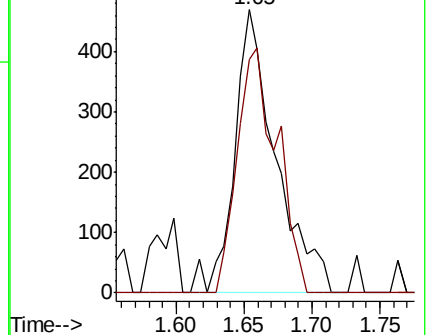
94 100

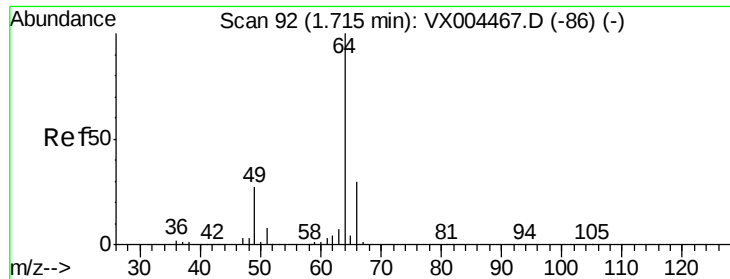
96 82.5 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 73.21 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX004703.D

Acq: 19 Sep 2018 14:06

Instrument :

MSVOA_X

ClientSampleId :

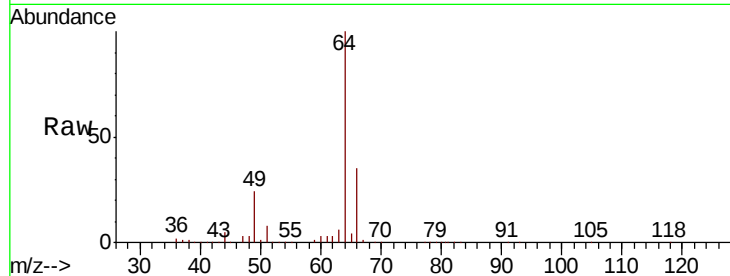
MW-1

Tot Ion: 64 Resp: 155420

Ion Ratio Lower Upper

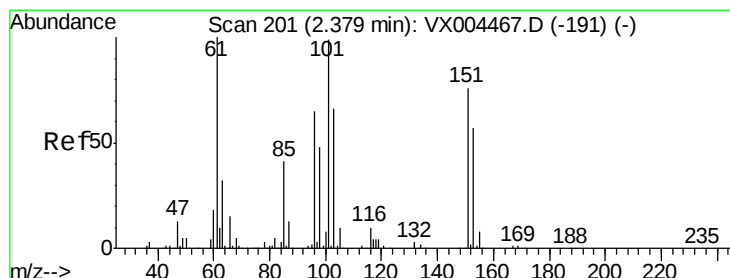
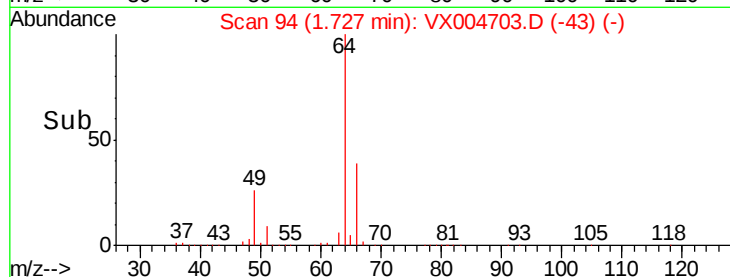
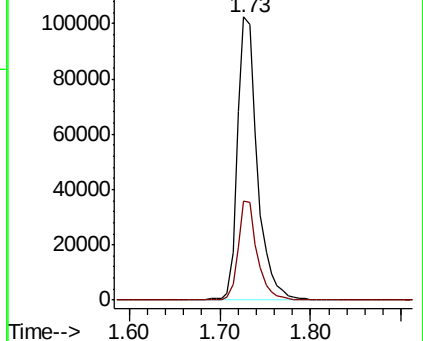
64 100

66 35.1 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.46 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX004703.D

Acq: 19 Sep 2018 14:06

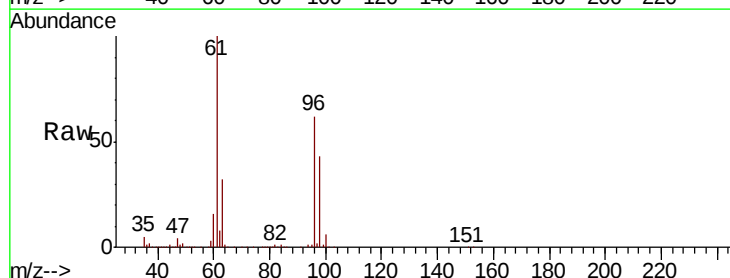
Tgt Ion:101 Resp: 1257

Ion Ratio Lower Upper

101 100

85 0.0 34.2 51.4#

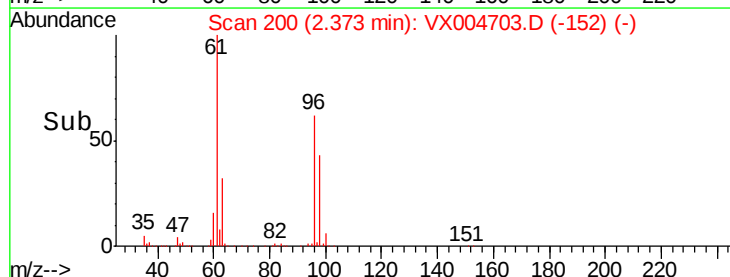
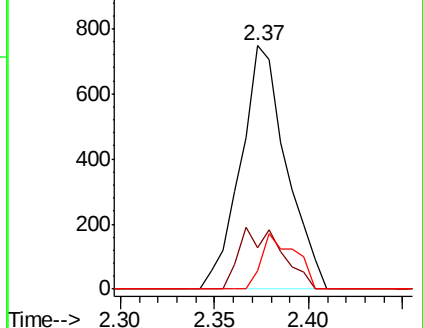
151 16.8 65.0 97.6#

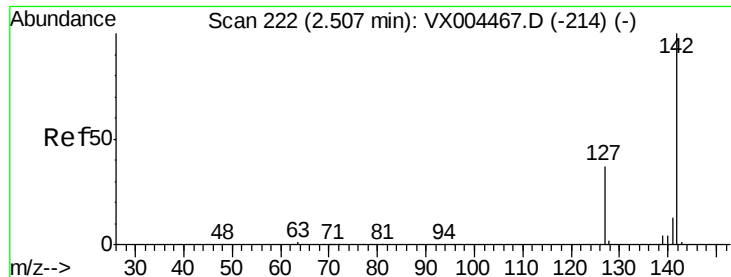


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

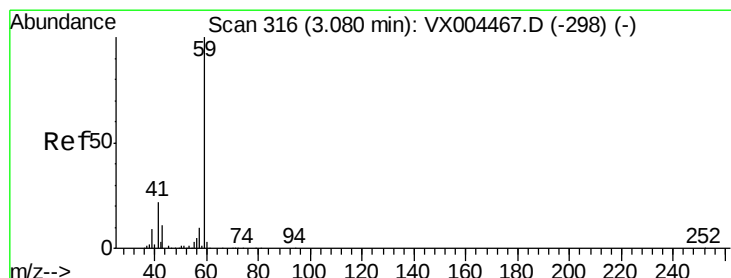
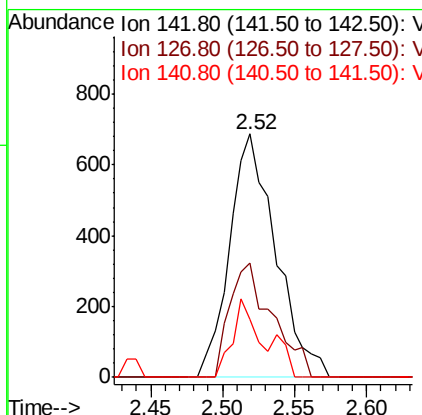
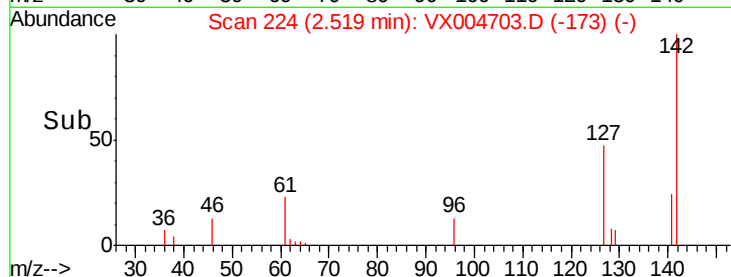
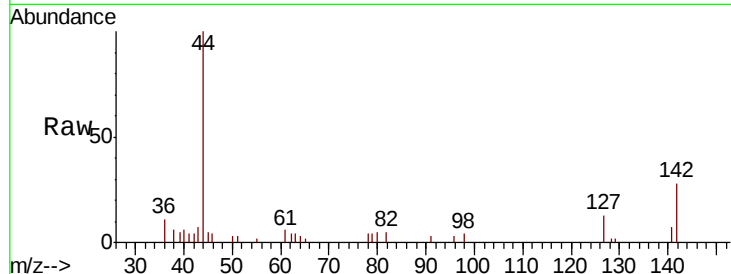




#10
Methvl Iodide
Concen: 4.68 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX004703.D
Acq: 19 Sep 2018 14:06

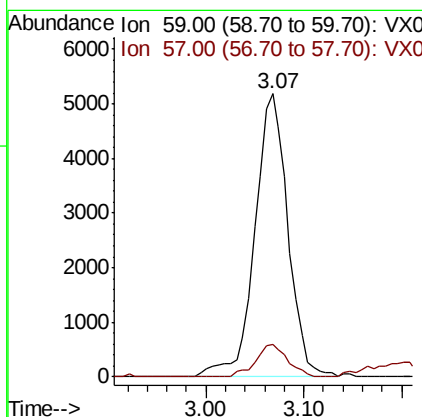
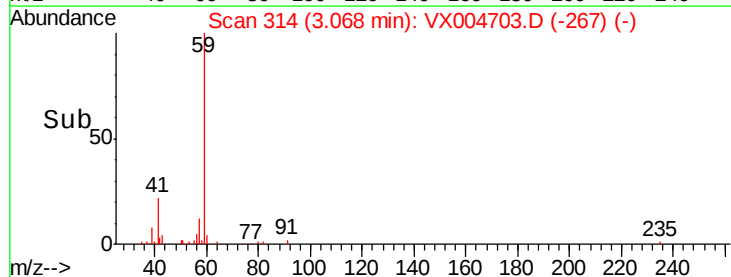
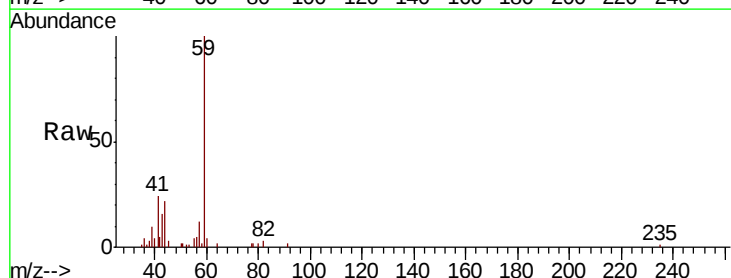
Instrument :
MSVOA_X
ClientSampled :
MW-1

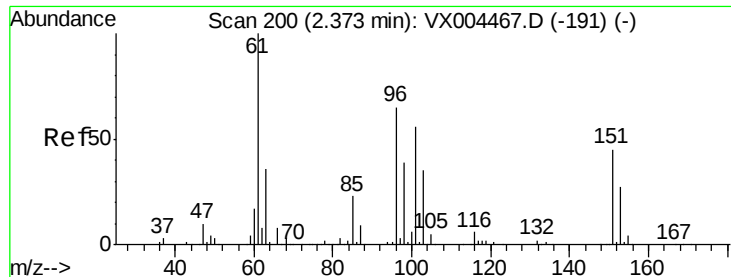
Tot Ion:142 Resp: 1536
Ion Ratio Lower Upper
142 100
127 43.4 33.8 50.6
141 22.2 11.4 17.0#



#11
Tert butyl alcohol
Concen: 16.04 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX004703.D
Acq: 19 Sep 2018 14:06

Tgt Ion: 59 Resp: 12236
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.4





#12

1,1-Dichloroethene

Concen: 177.75 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX004703.D

Acq: 19 Sep 2018 14:06

Instrument :

MSVOA_X

ClientSampleId :

MW-1

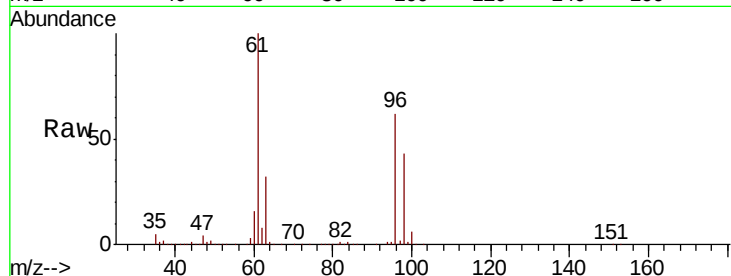
Tot Ion: 96 Resp: 460551

Ion Ratio Lower Upper

96 100

61 162.0 128.8 193.2

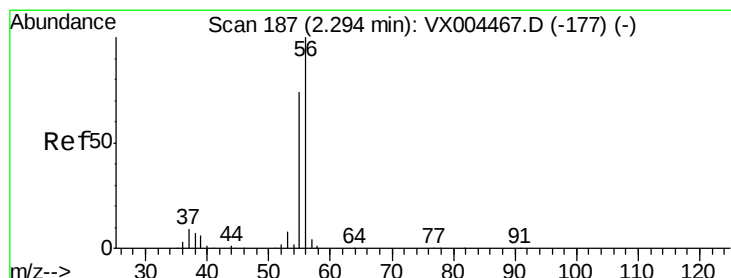
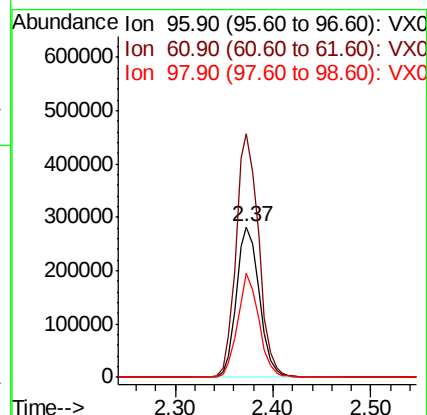
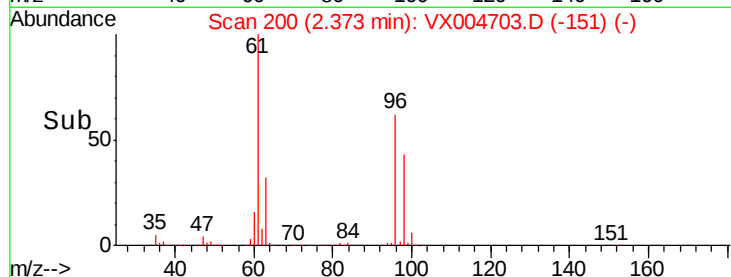
98 69.3 52.2 78.2



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



#13

Acrolein

Concen: 1.05 ug/l

RT: 2.27 min Scan# 183

Delta R.T. -0.02 min

Lab File: VX004703.D

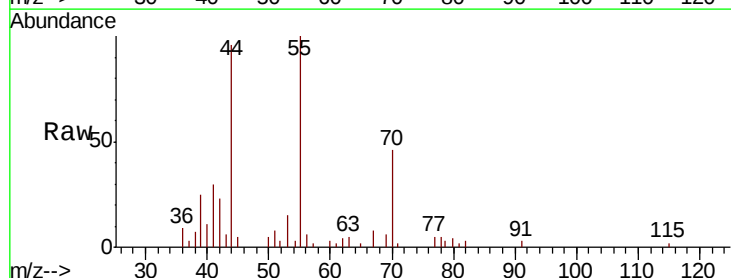
Acq: 19 Sep 2018 14:06

Tgt Ion: 56 Resp: 315

Ion Ratio Lower Upper

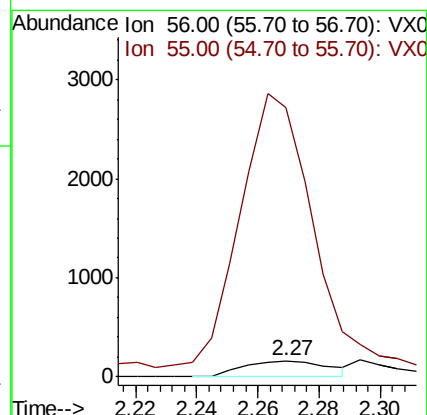
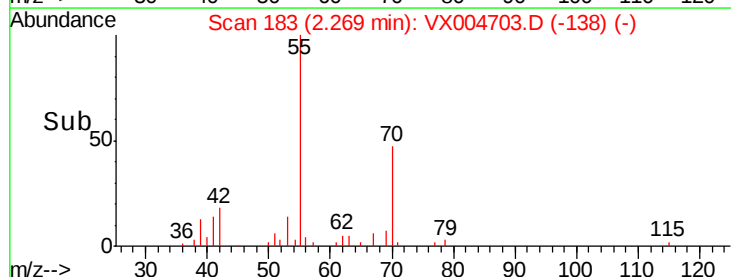
56 100

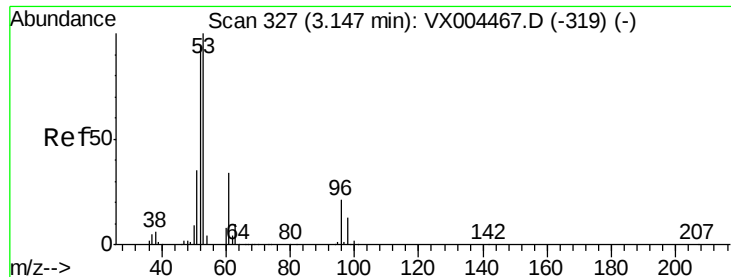
55 1452.1 54.7 82.1#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#15

Acrylonitrile

Concen: 0.23 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX004703.D

Acq: 19 Sep 2018 14:06

Instrument :

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ClientSampled :

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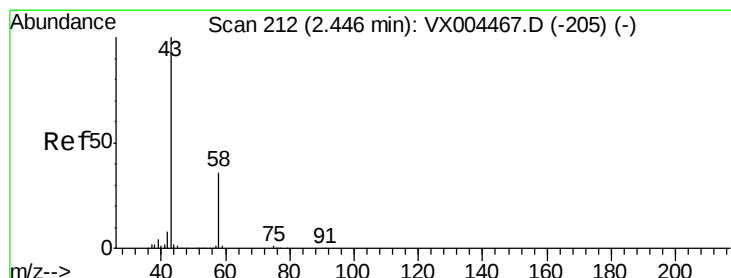
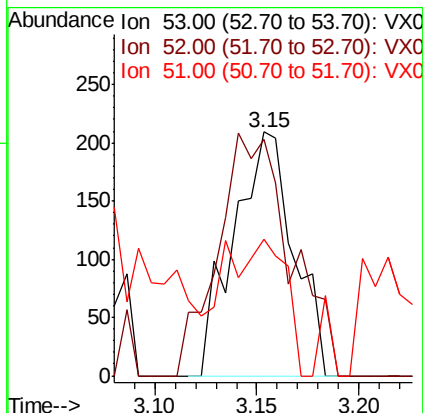
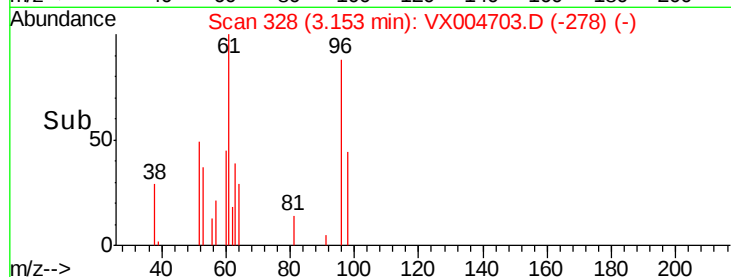
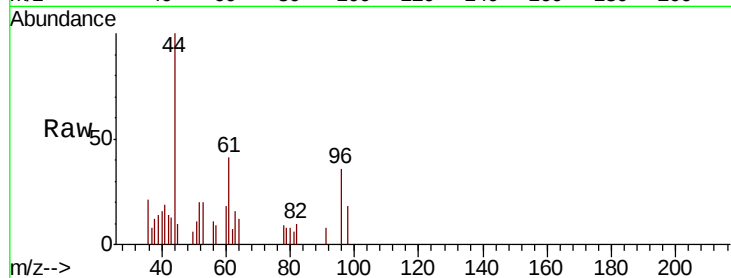
Tot Ion: 53 Resp: 428

Ion Ratio Lower Upper

53 100

52 121.0 65.2 97.8#

51 57.7 28.2 42.2#



#16

Acetone

Concen: 2.27 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004703.D

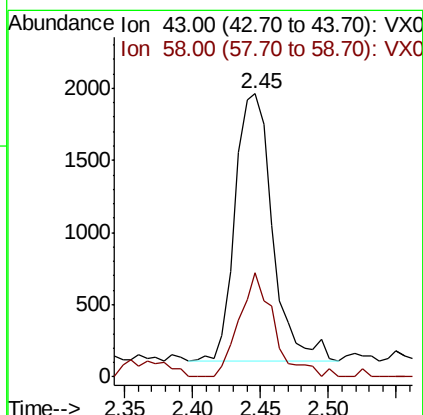
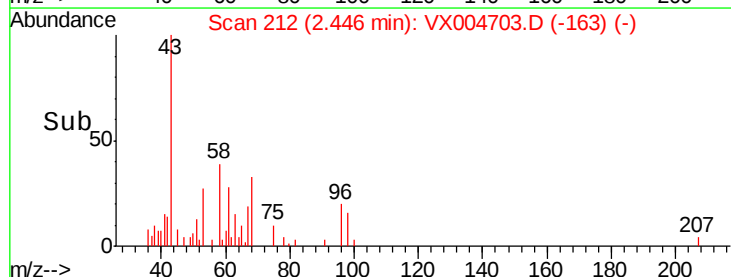
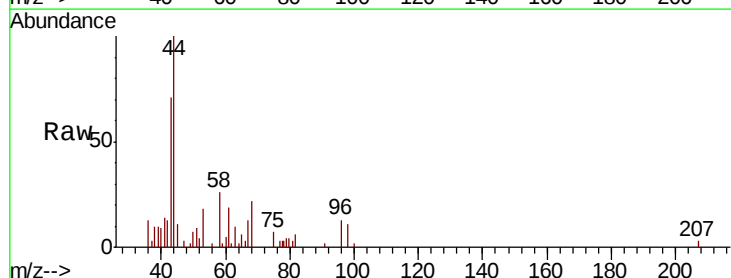
Acq: 19 Sep 2018 14:06

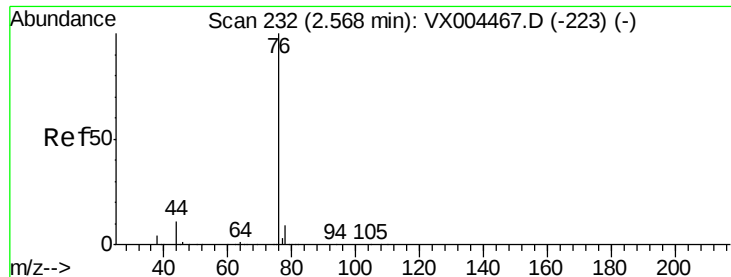
Tgt Ion: 43 Resp: 3548

Ion Ratio Lower Upper

43 100

58 38.9 26.2 39.4





#17

Carbon Disulfide

Concen: 0.30 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX004703.D

Acq: 19 Sep 2018 14:06

Instrument :

MSVOA_X

ClientSampled :

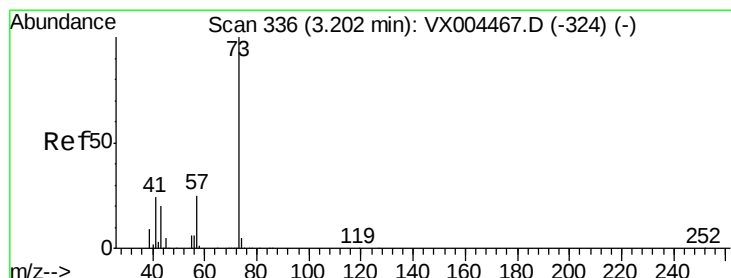
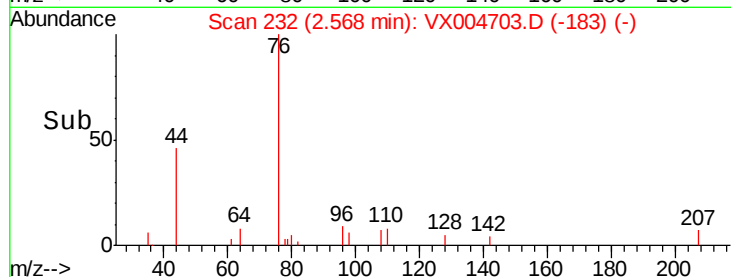
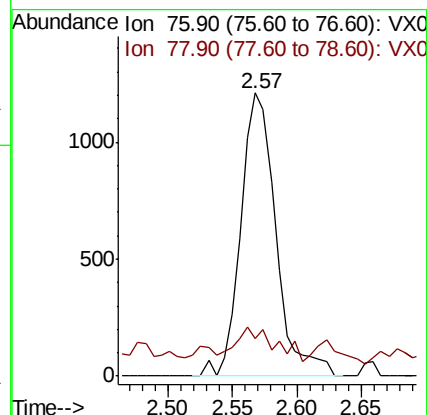
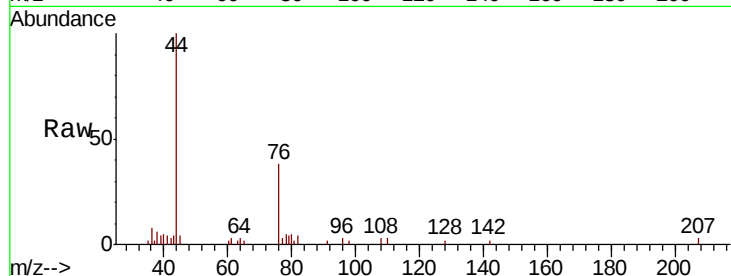
MW-1

Tot Ion: 76 Resp: 2284

Ion Ratio Lower Upper

76 100

78 5.7 7.0 10.6#



#19

Methyl tert-butyl Ether

Concen: 0.23 ug/l

RT: 3.20 min Scan# 335

Delta R.T. -0.01 min

Lab File: VX004703.D

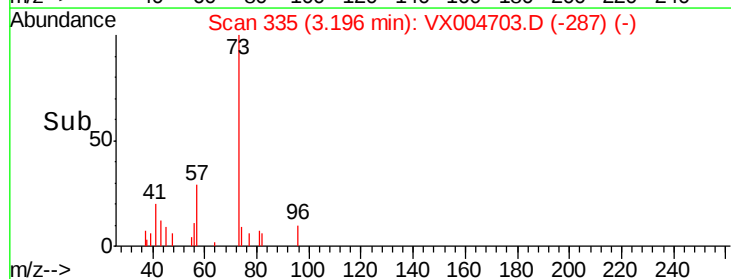
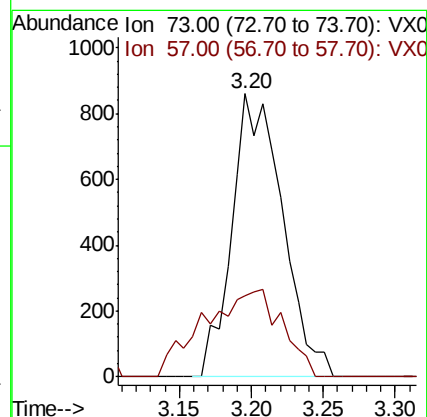
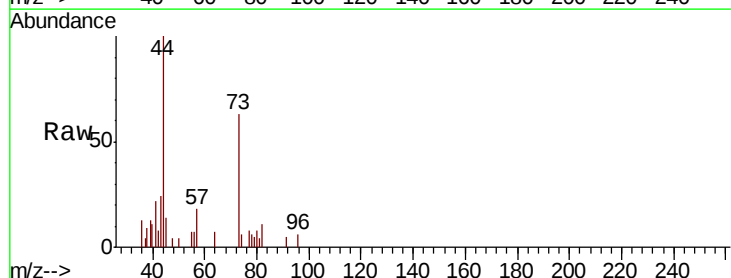
Acq: 19 Sep 2018 14:06

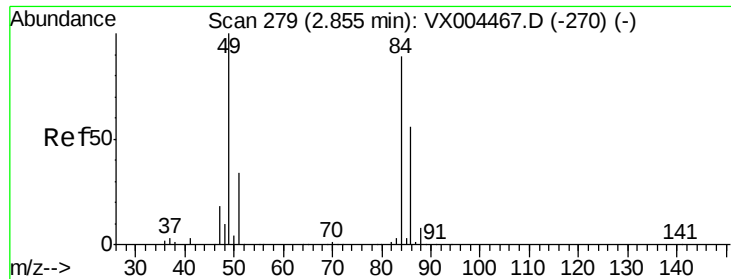
Tgt Ion: 73 Resp: 2099

Ion Ratio Lower Upper

73 100

57 28.6 17.1 25.7#

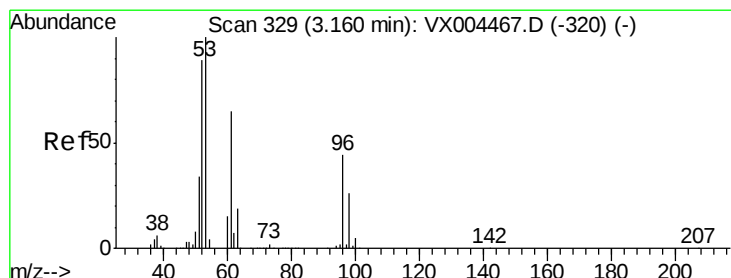
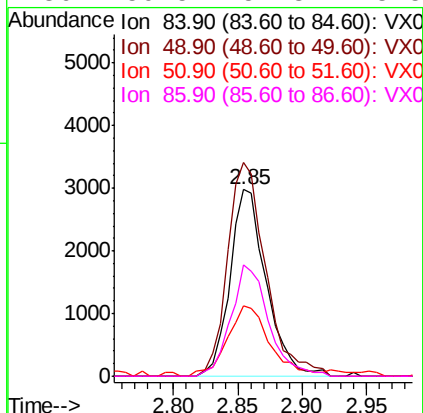
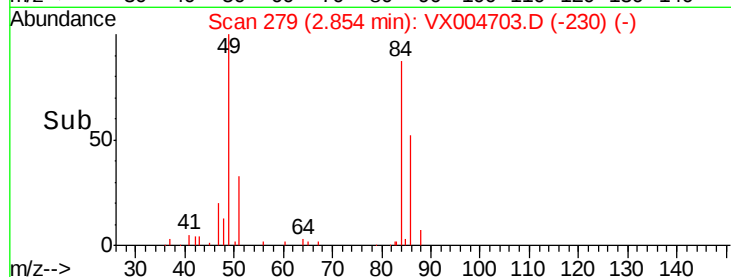
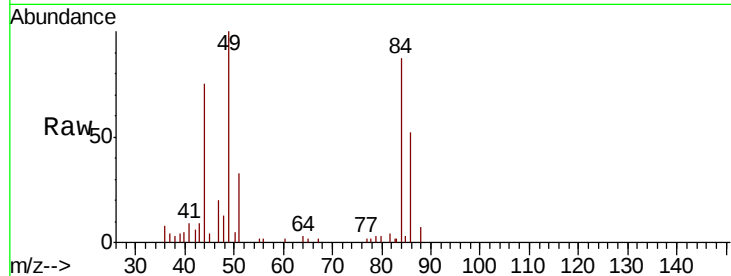




#20
Methvlene Chloride
Concen: 1.83 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004703.D
Acq: 19 Sep 2018 14:06

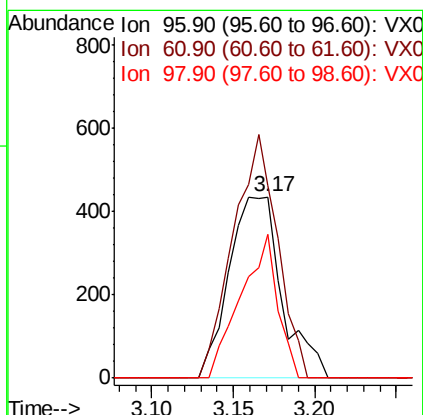
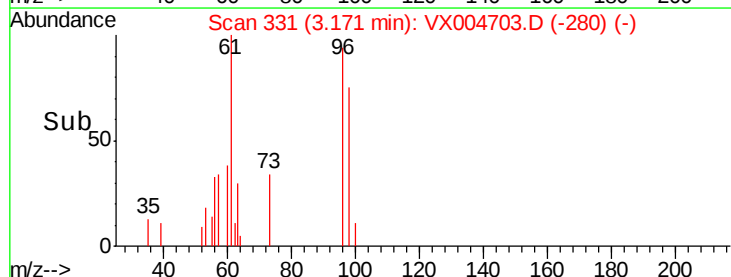
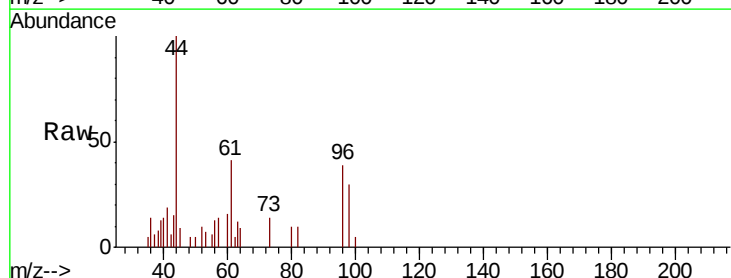
Instrument :
MSVOA_X
ClientSampled :
MW-1

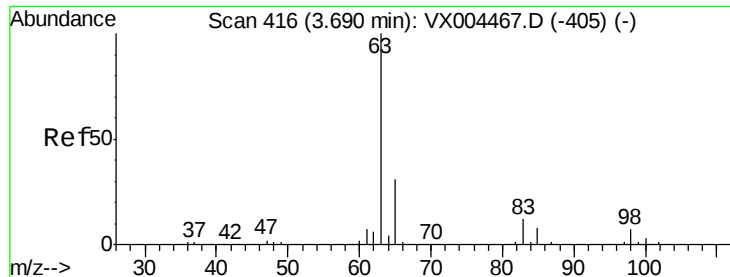
Tot Ion:	84	Resp:	5848
Ion	Ratio	Lower	Upper
84	100		
49	114.4	101.2	151.8
51	37.7	29.5	44.3
86	59.5	52.3	78.5



#21
trans-1,2-Dichloroethene
Concen: 0.34 ug/l
RT: 3.17 min Scan# 331
Delta R.T. 0.01 min
Lab File: VX004703.D
Acq: 19 Sep 2018 14:06

Tgt Ion:	96	Resp:	985
Ion	Ratio	Lower	Upper
96	100		
61	106.0	113.8	170.6#
98	79.1	51.8	77.8#





#24

1,1-Dichloroethane

Concen: 30.52 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX004703.D

Acq: 19 Sep 2018 14:06

Instrument :

MSVOA_X

ClientSampleId :

MW-1

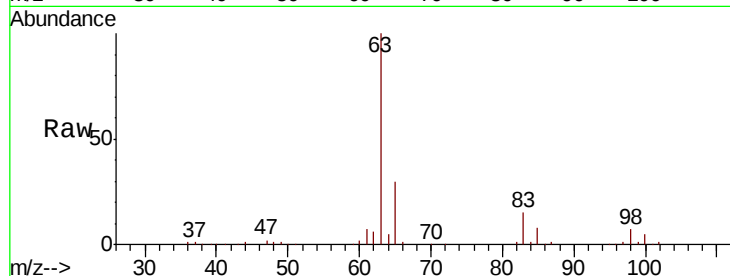
Tot Ion: 63 Resp: 165288

Ion Ratio Lower Upper

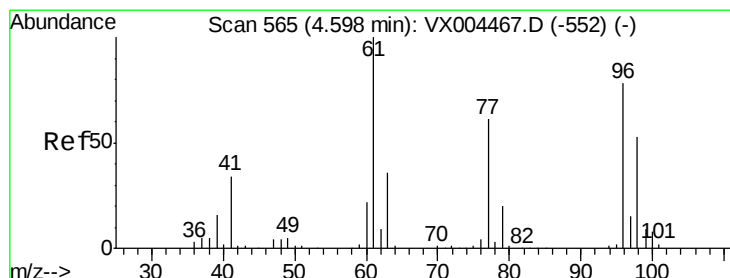
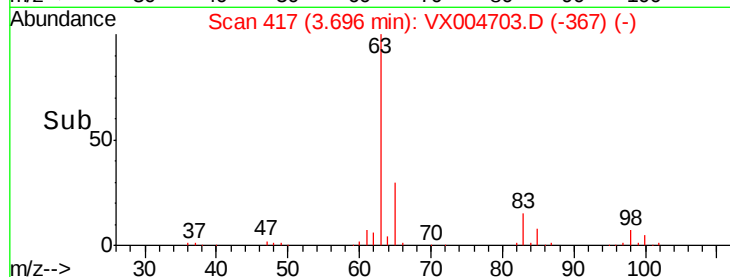
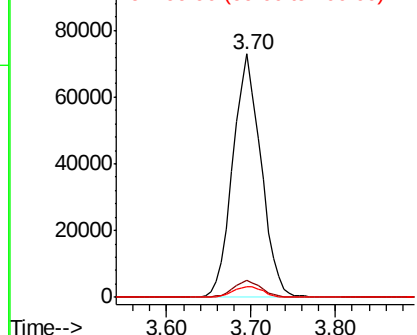
63 100

98 6.8 3.5 10.4

100 4.6 2.4 7.1



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



#27

cis-1,2-Dichloroethene

Concen: 21.02 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX004703.D

Acq: 19 Sep 2018 14:06

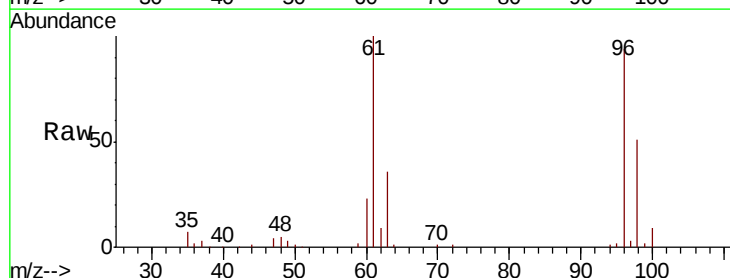
Tgt Ion: 96 Resp: 67174

Ion Ratio Lower Upper

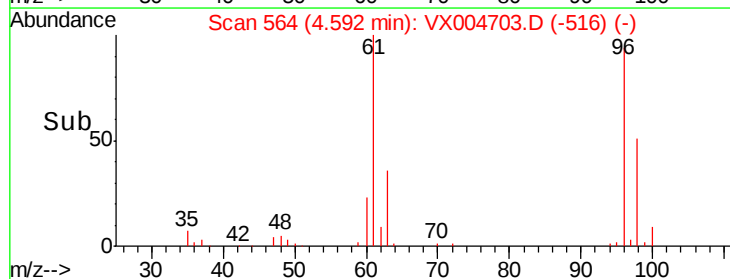
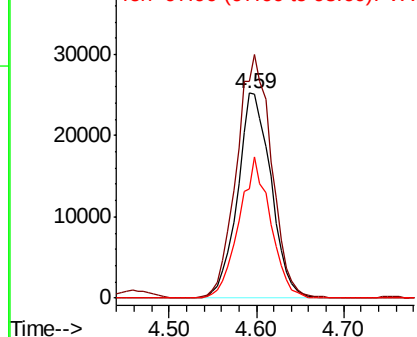
96 100

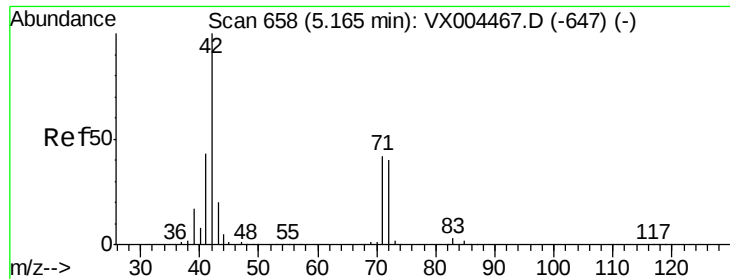
61 123.6 0.0 282.6

98 64.7 0.0 130.2



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: 0.95 ug/l

RT: 5.16 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX004703.D

Acq: 19 Sep 2018 14:06

Instrument :

MSVOA_X

ClientSampled :

MW-1

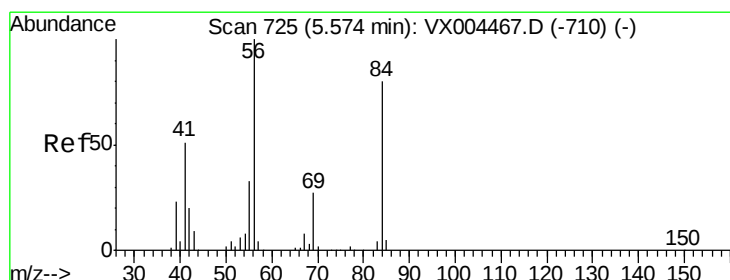
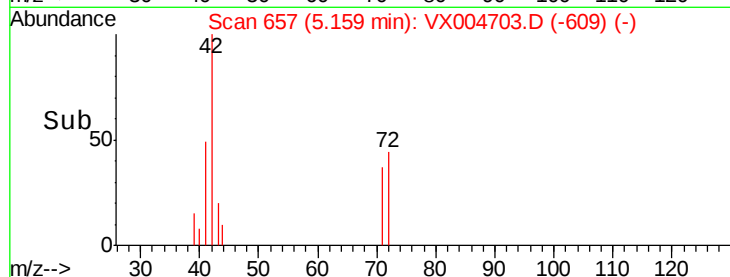
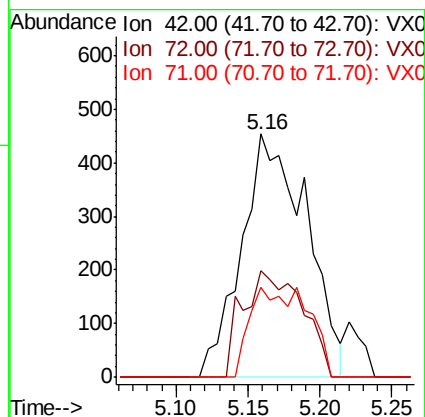
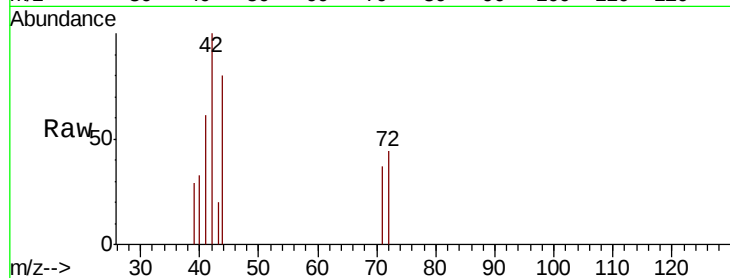
Tot Ion: 42 Resp: 1421

Ion Ratio Lower Upper

42 100

72 40.4 37.4 56.0

71 33.0 34.5 51.7#



#31

Cyclohexane

Concen: 0.24 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX004703.D

Acq: 19 Sep 2018 14:06

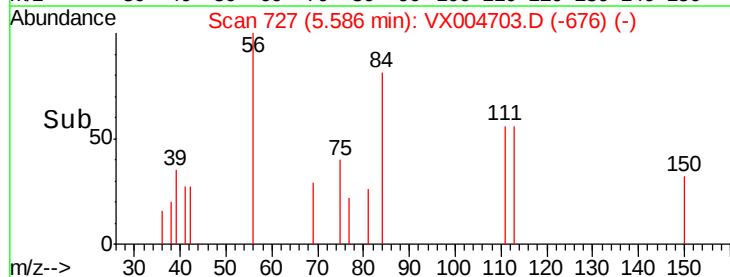
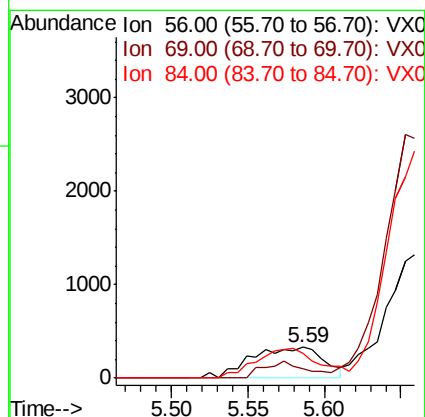
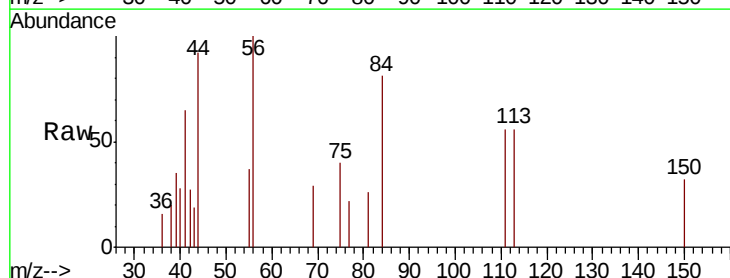
Tgt Ion: 56 Resp: 1090

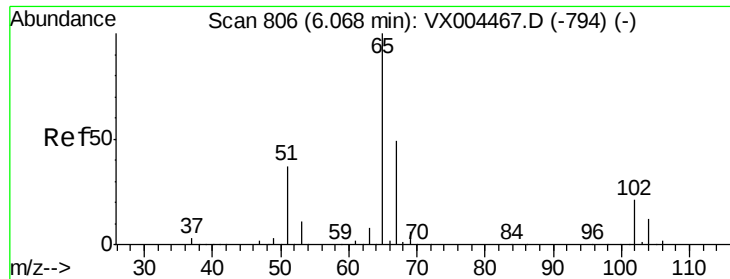
Ion Ratio Lower Upper

56 100

69 29.0 25.4 38.2

84 81.0 71.4 107.2





#33

1,2-Dichloroethane-d4

Concen: 42.71 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004703.D

Acq: 19 Sep 2018 14:06

Instrument :

MSVOA_X

ClientSampled :

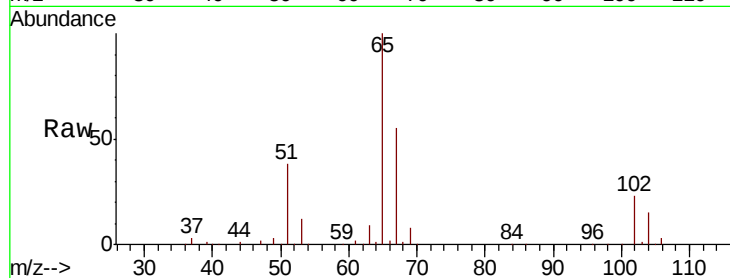
MW-1

Tot Ion: 65 Resp: 136564

Ion Ratio Lower Upper

65 100

67 56.3 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

50000

40000

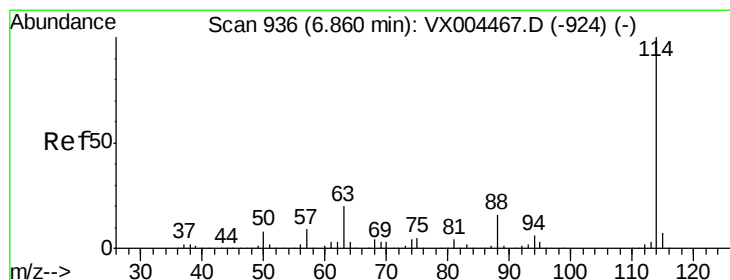
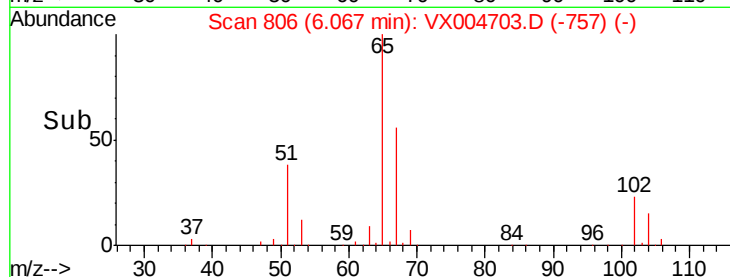
30000

20000

10000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX004703.D

Acq: 19 Sep 2018 14:06

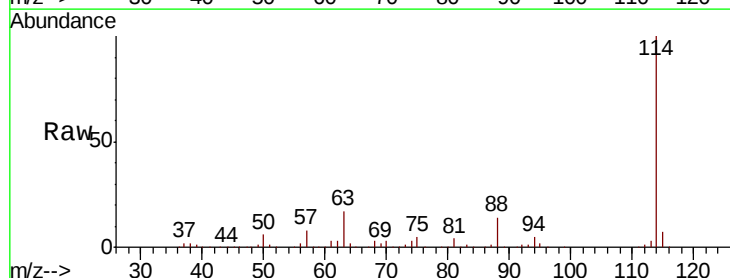
Tgt Ion: 114 Resp: 364853

Ion Ratio Lower Upper

114 100

63 16.5 0.0 39.0

88 13.6 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

200000

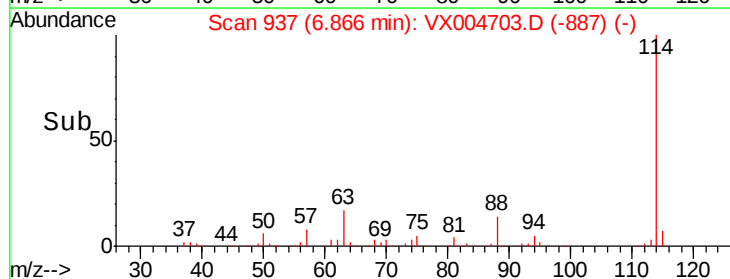
150000

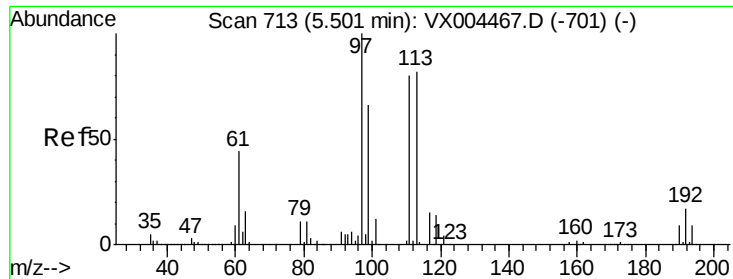
100000

50000

0

Time-->

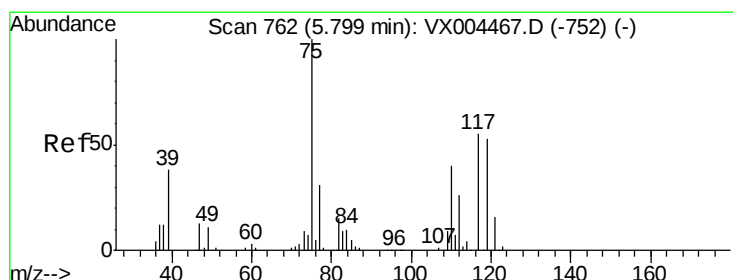
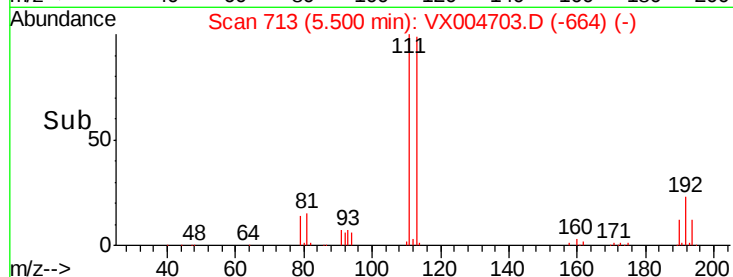
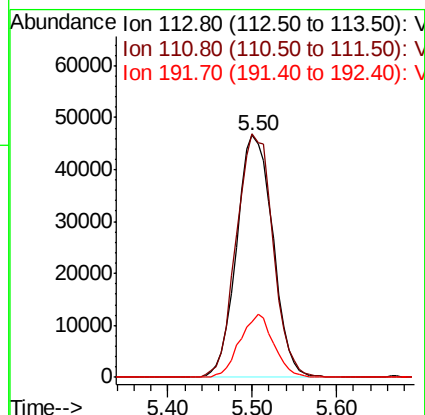
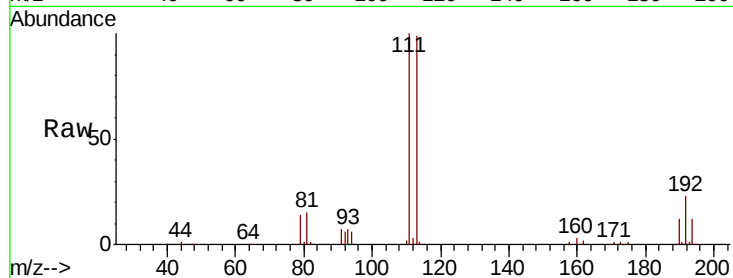




#35
 Dibromofluoromethane
 Concen: 40.57 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004703.D
 Acq: 19 Sep 2018 14:06

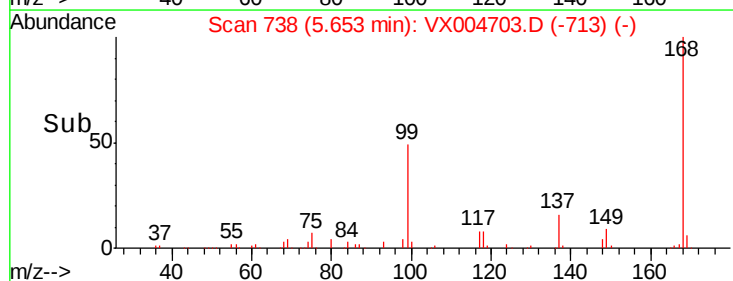
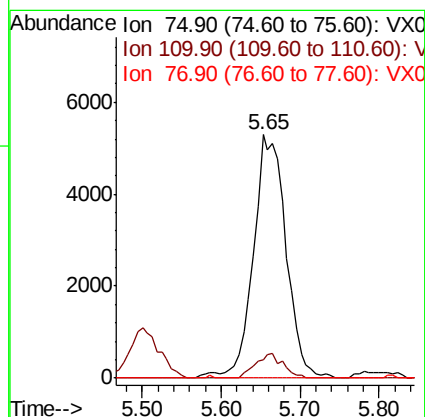
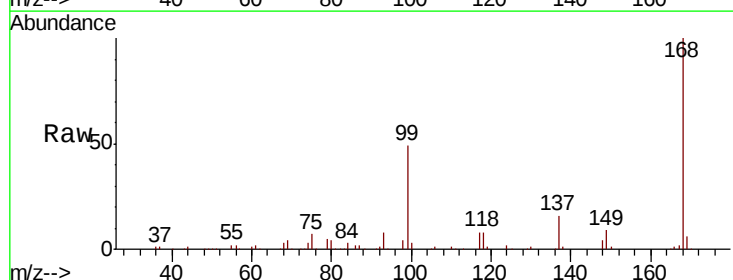
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

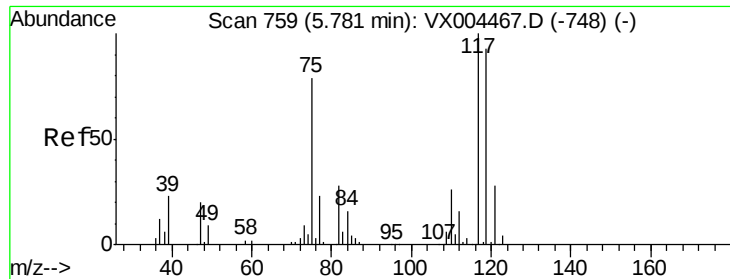
Tot Ion:113 Resp: 135467
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.4 123.6
 192 24.3 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 3.43 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.15 min
 Lab File: VX004703.D
 Acq: 19 Sep 2018 14:06

Tgt Ion: 75 Resp: 15198
 Ion Ratio Lower Upper
 75 100
 110 8.5 18.0 54.0#
 77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 4.86 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX004703.D

Acq: 19 Sep 2018 14:06

Instrument :

MSVOA_X

ClientSampleId :

MW-1

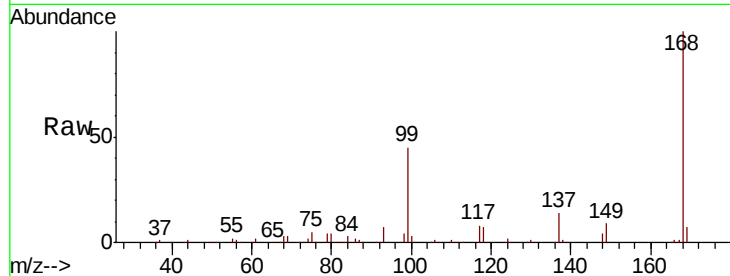
Tot Ion:117 Resp: 21034

Ion Ratio Lower Upper

117 100

119 5.9 78.8 118.2#

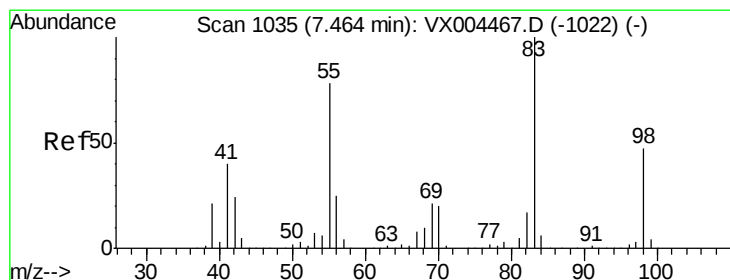
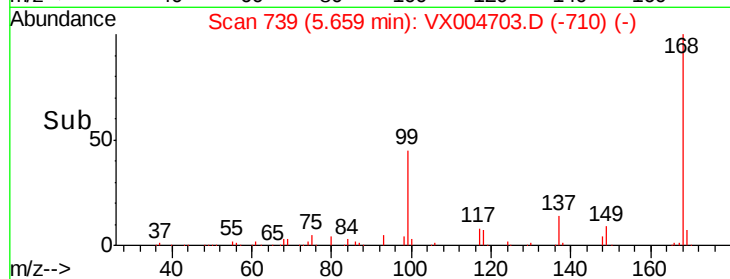
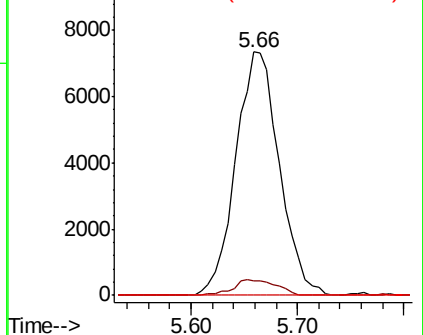
121 0.0 24.9 37.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.50 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX004703.D

Acq: 19 Sep 2018 14:06

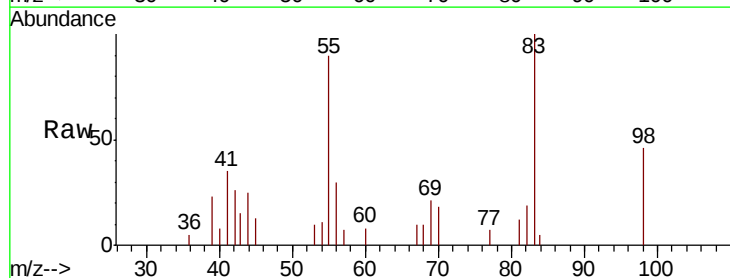
Tgt Ion: 83 Resp: 2318

Ion Ratio Lower Upper

83 100

55 89.6 61.0 91.4

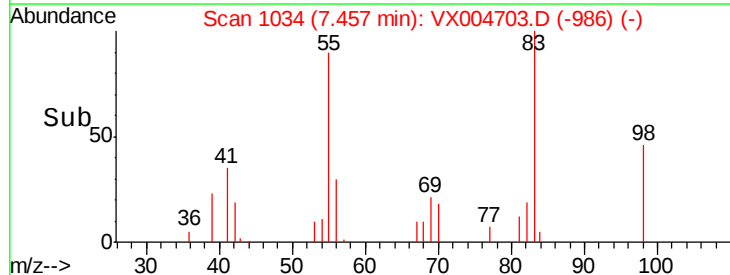
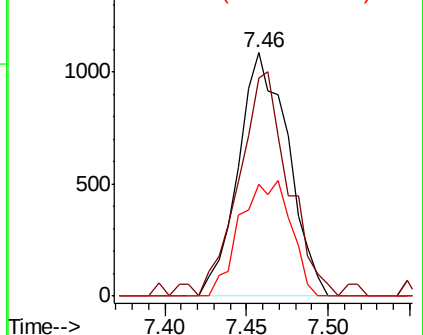
98 45.7 39.6 59.4

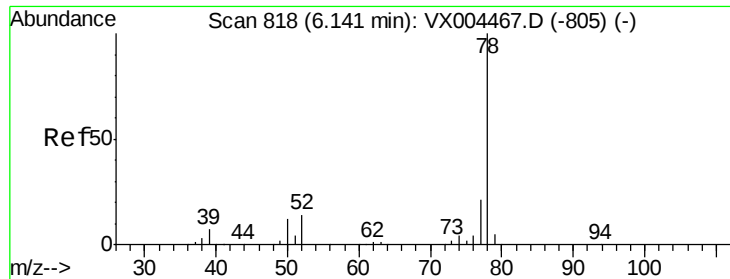


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.89 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX004703.D

Acq: 19 Sep 2018 14:06

Instrument :

MSVOA_X

ClientSampleId :

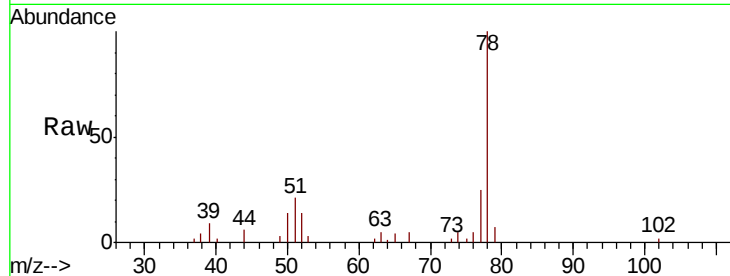
MW-1

Tot Ion: 78 Resp: 11671

Ion Ratio Lower Upper

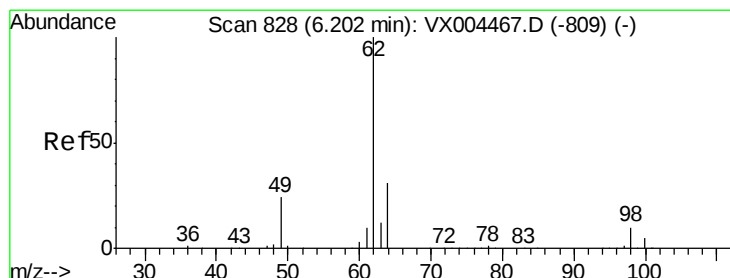
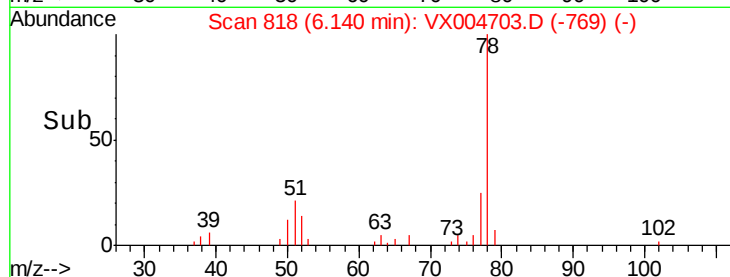
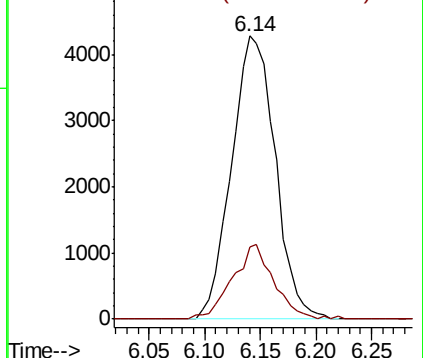
78 100

77 25.3 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#42

1,2-Dichloroethane

Concen: 7.15 ug/l

RT: 6.20 min Scan# 828

Delta R.T. -0.00 min

Lab File: VX004703.D

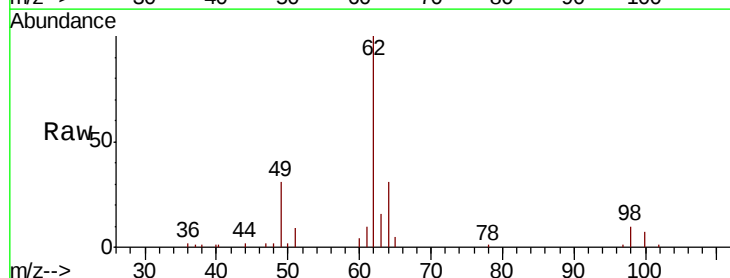
Acq: 19 Sep 2018 14:06

Tgt Ion: 62 Resp: 31172

Ion Ratio Lower Upper

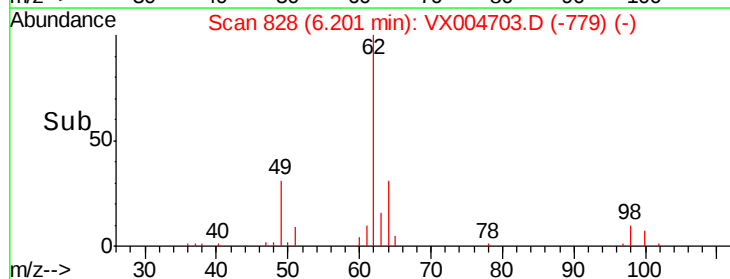
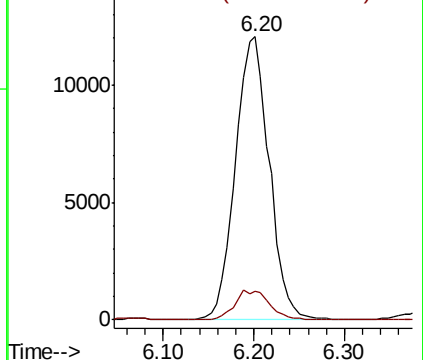
62 100

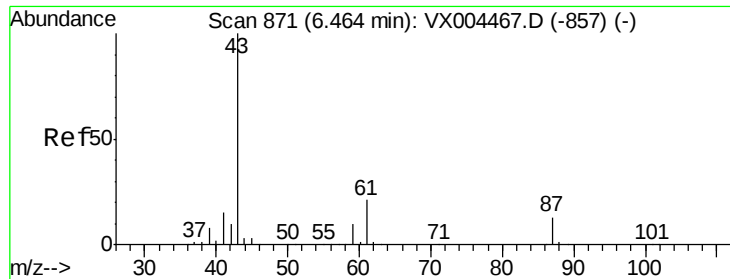
98 10.7 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



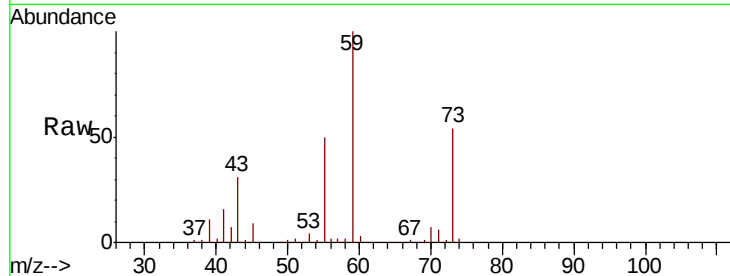


#43

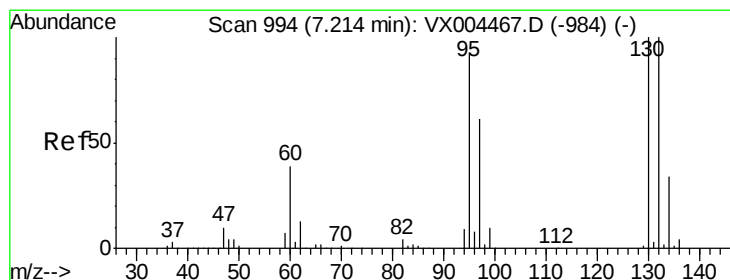
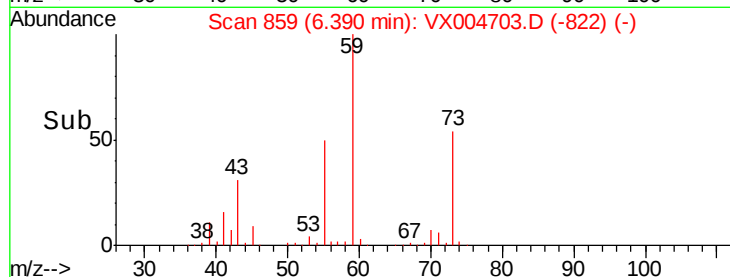
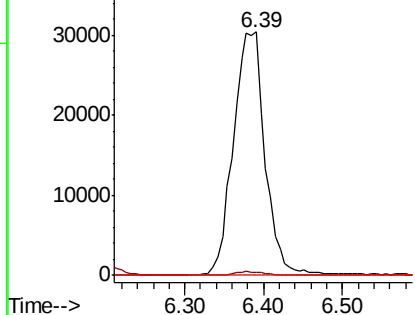
Isopropyl Acetate
 Concen: 12.70 ug/l
 RT: 6.39 min Scan# 859
 Delta R.T. -0.07 min
 Lab File: VX004703.D
 Acq: 19 Sep 2018 14:06

Instrument :
 MSVOA_X
 ClientSampled :
 MW-1

Tot Ion: 43 Resp: 84974
 Ion Ratio Lower Upper
 43 100
 61 1.4 17.0 25.4#
 87 0.0 11.4 17.2#



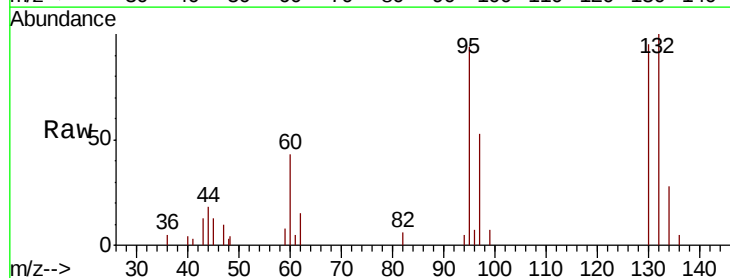
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



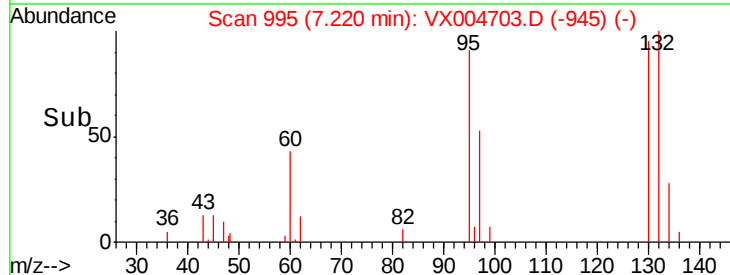
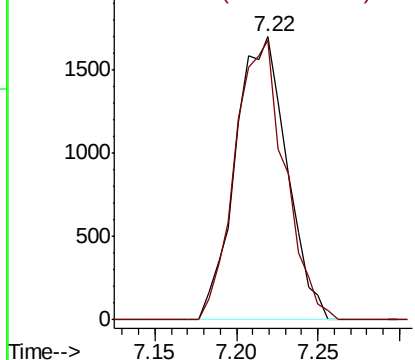
#44

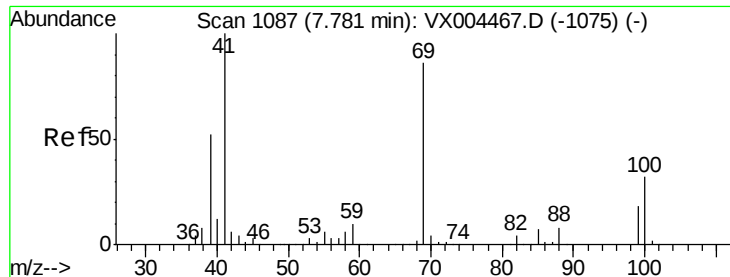
Trichloroethene
 Concen: 1.09 ug/l
 RT: 7.22 min Scan# 995
 Delta R.T. 0.01 min
 Lab File: VX004703.D
 Acq: 19 Sep 2018 14:06

Tgt Ion:130 Resp: 3716
 Ion Ratio Lower Upper
 130 100
 95 98.6 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

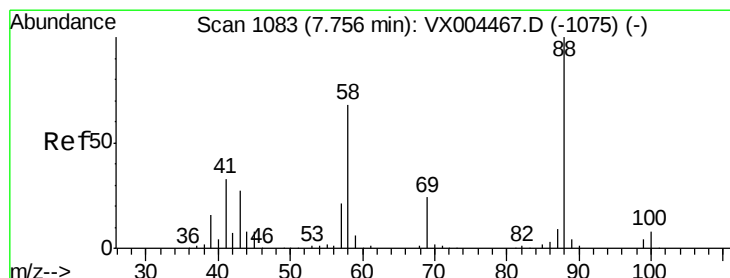
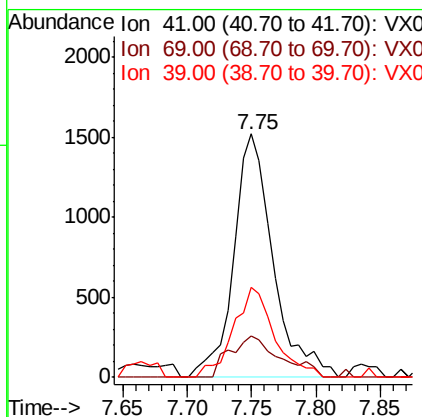
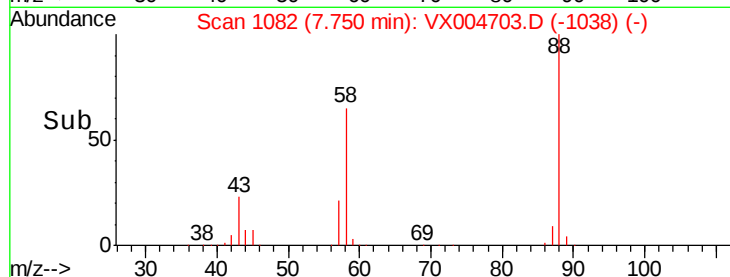
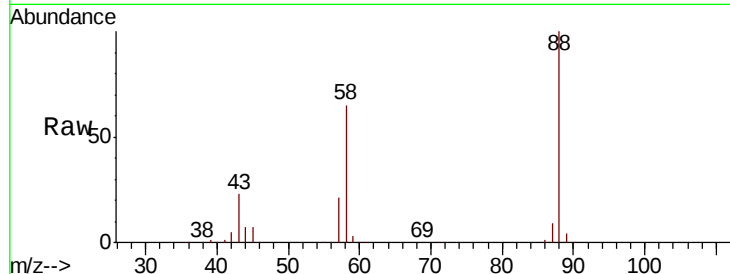




#48
Methvl methacrylate
Concen: 0.98 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.03 min
Lab File: VX004703.D
Acq: 19 Sep 2018 14:06

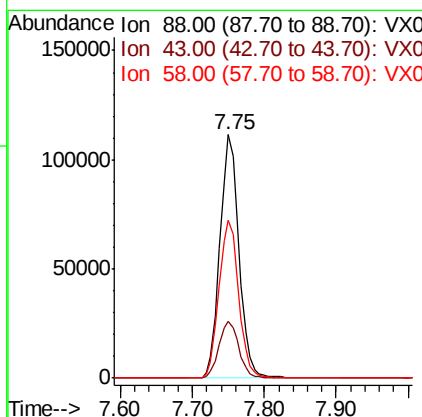
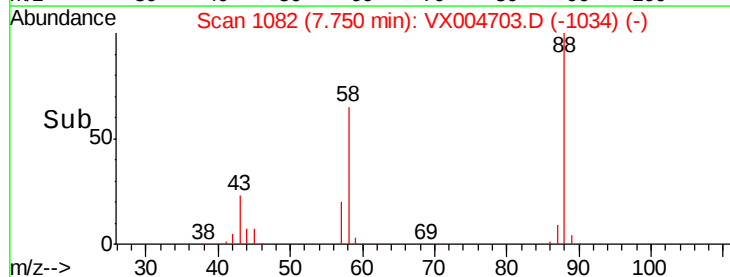
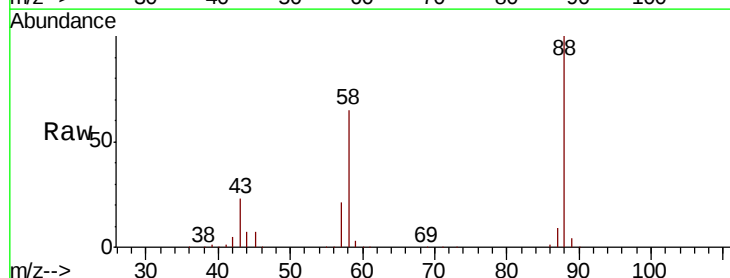
Instrument :
MSVOA_X
ClientSampled :
MW-1

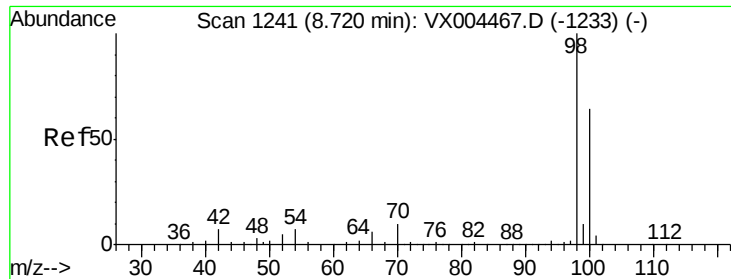
Tot Ion: 41 Resp: 3232
Ion Ratio Lower Upper
41 100
69 21.8 70.2 105.4#
39 38.3 42.7 64.1#



#49
1,4-Dioxane
Concen: 2617.81 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX004703.D
Acq: 19 Sep 2018 14:06

Tgt Ion: 88 Resp: 205176
Ion Ratio Lower Upper
88 100
43 23.8 24.7 37.1#
58 67.1 55.3 82.9

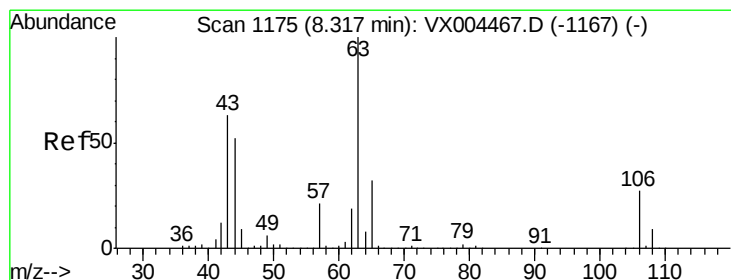
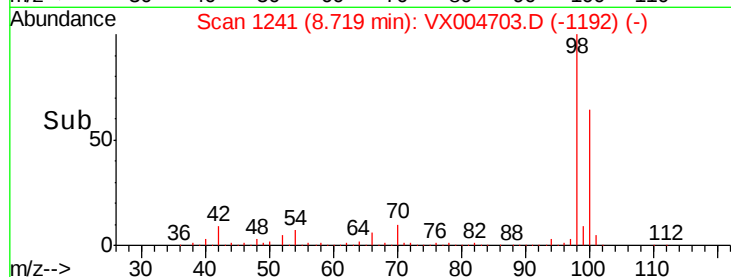
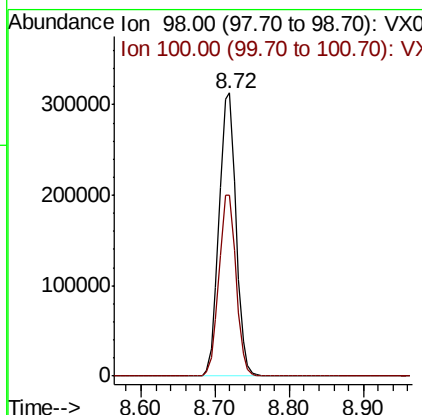
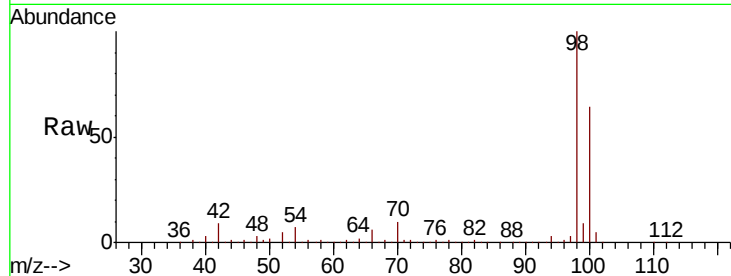




#50
Toluene-d8
Concen: 44.13 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004703.D
Acq: 19 Sep 2018 14:06

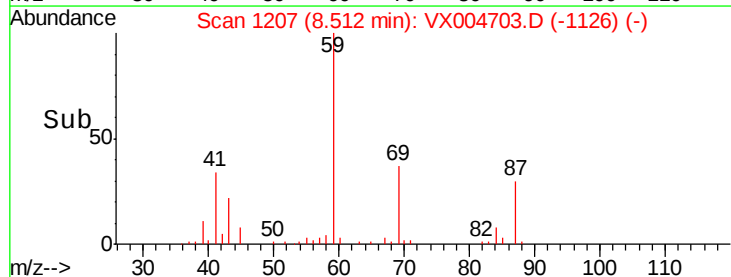
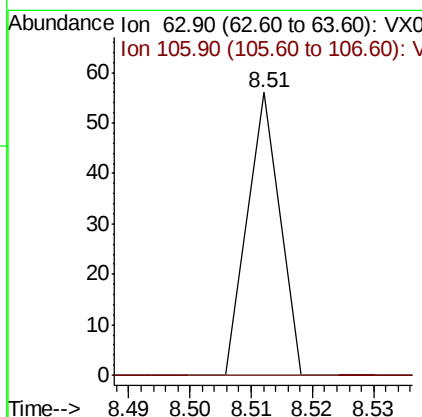
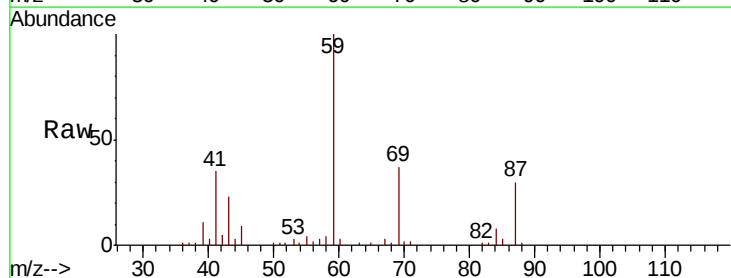
Instrument :
MSVOA_X
ClientSampleId :
MW-1

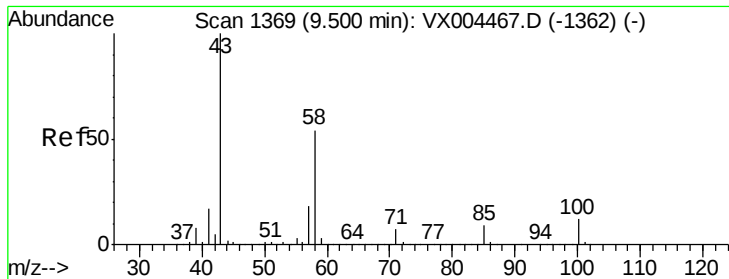
Tot Ion: 98 Resp: 494132
Ion Ratio Lower Upper
98 100
100 64.5 52.9 79.3



#58
2-Chloroethyl Vinyl ether
Concen: 7.28 ug/l
RT: 8.51 min Scan# 1207
Delta R.T. 0.20 min
Lab File: VX004703.D
Acq: 19 Sep 2018 14:06

Tgt Ion: 63 Resp: 20
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

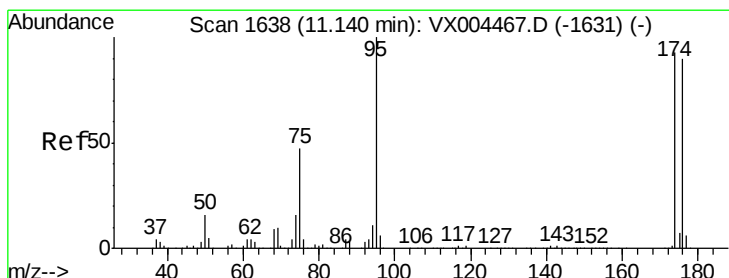
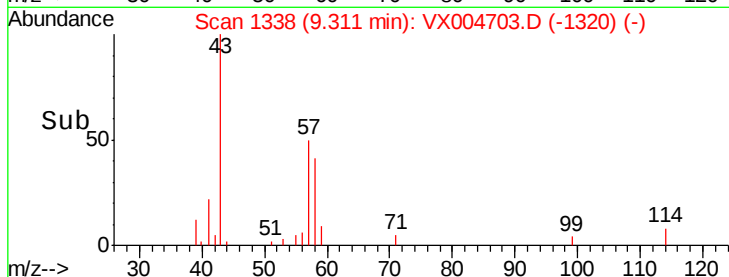
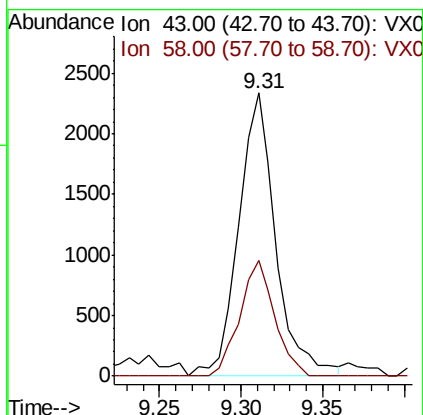
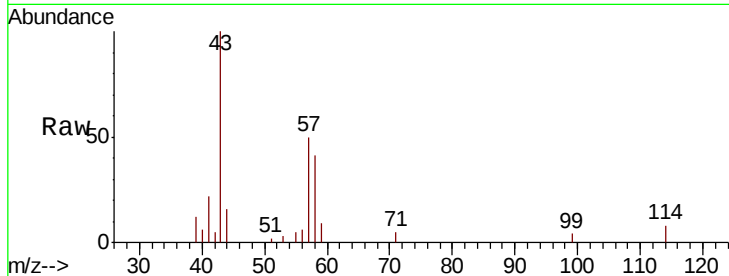




#59
2-Hexanone
Concen: 1.02 ug/l
RT: 9.31 min Scan# 1338
Delta R.T. -0.19 min
Lab File: VX004703.D
Acq: 19 Sep 2018 14:06

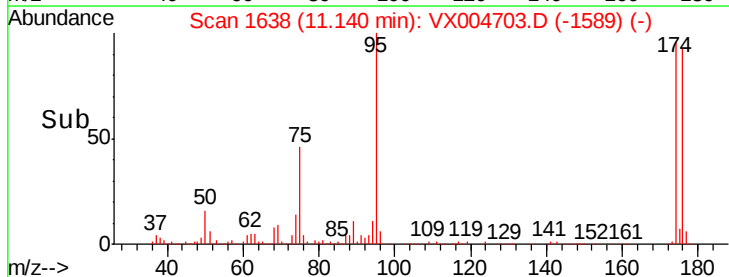
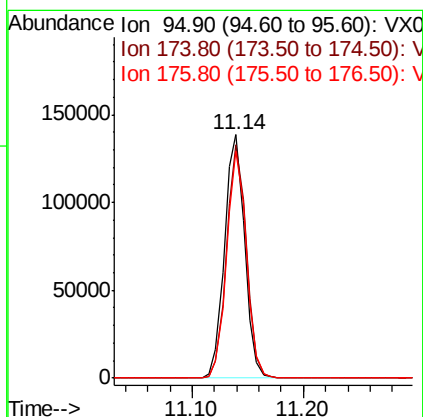
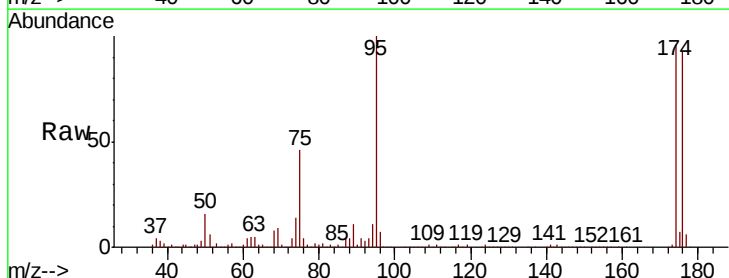
Instrument :
MSVOA_X
ClientSampled :
MW-1

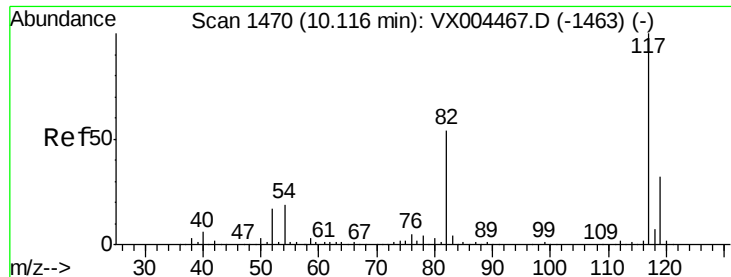
Tot Ion: 43 Resp: 3693
Ion Ratio Lower Upper
43 100
58 38.4 29.0 87.0



#62
4-Bromofluorobenzene
Concen: 43.46 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004703.D
Acq: 19 Sep 2018 14:06

Tgt Ion: 95 Resp: 173711
Ion Ratio Lower Upper
95 100
174 94.8 0.0 185.2
176 91.5 0.0 178.6

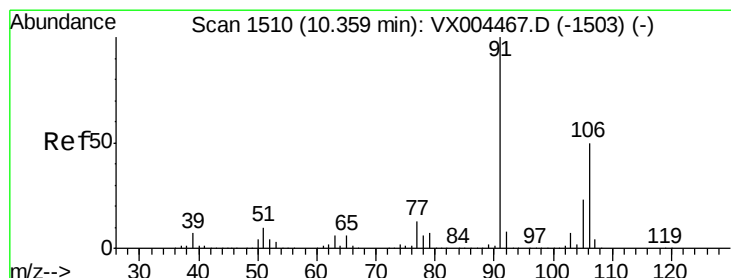
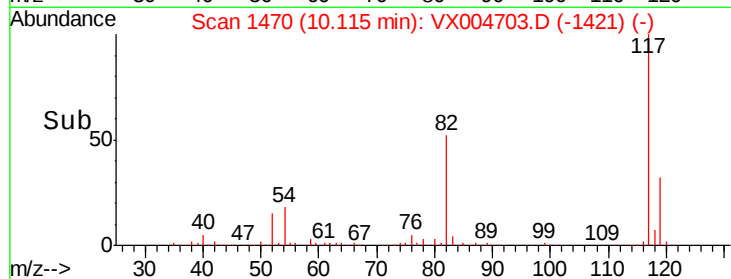
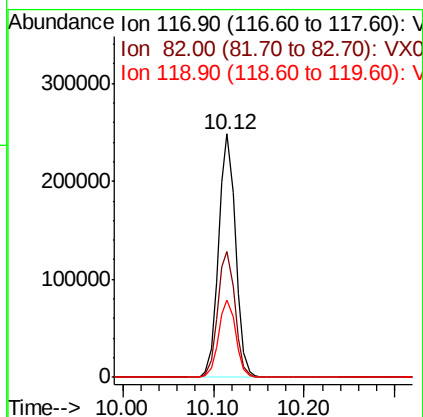
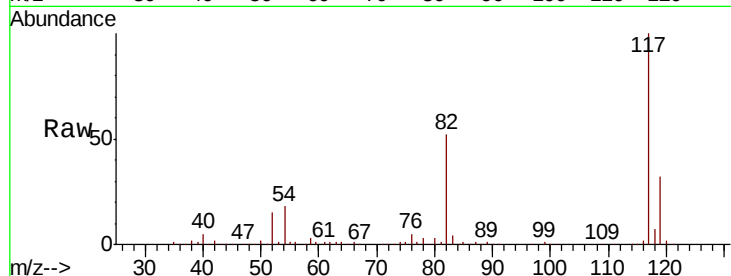




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004703.D
Acq: 19 Sep 2018 14:06

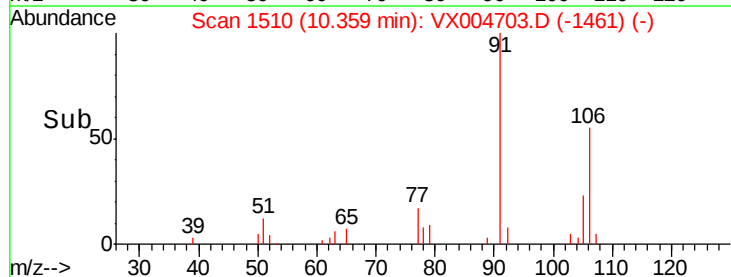
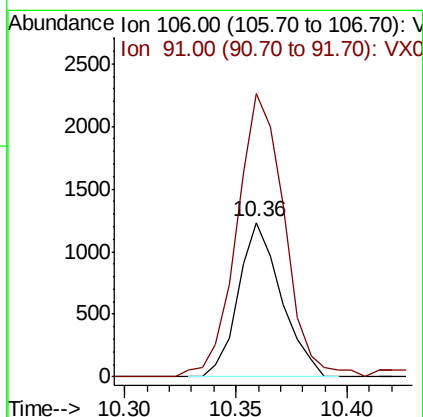
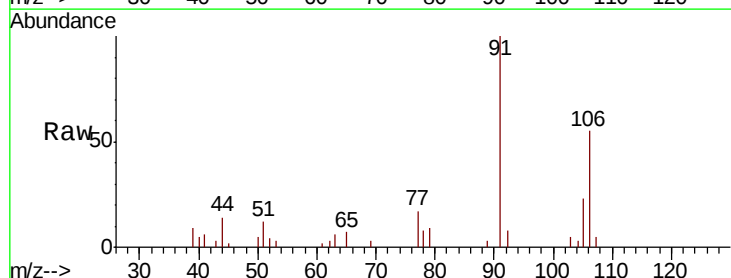
Instrument :
MSVOA_X
ClientSampleId :
MW-1

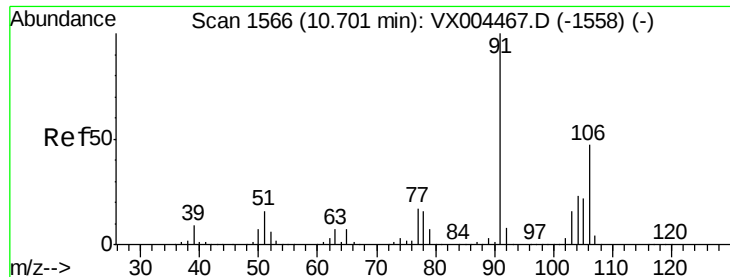
Tot Ion:117 Resp: 326123
Ion Ratio Lower Upper
117 100
82 51.7 47.8 71.6
119 31.9 29.3 43.9



#68
m/p-Xylenes
Concen: 0.33 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004703.D
Acq: 19 Sep 2018 14:06

Tgt Ion:106 Resp: 1653
Ion Ratio Lower Upper
106 100
91 203.8 157.1 235.7

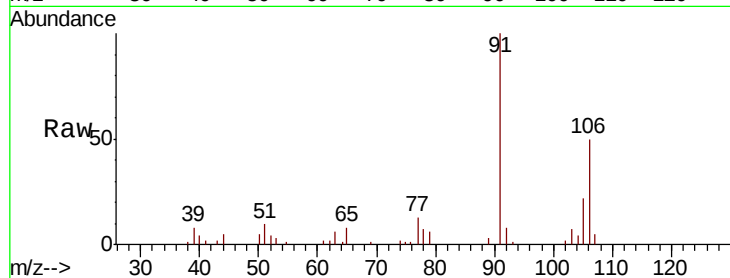




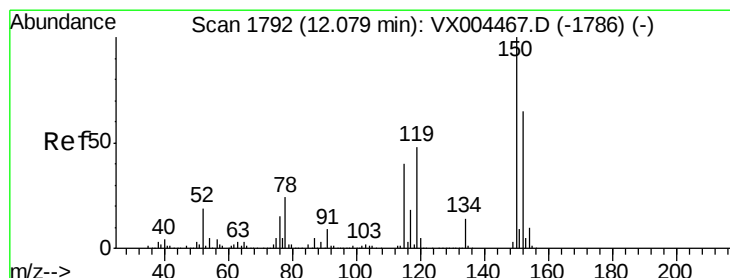
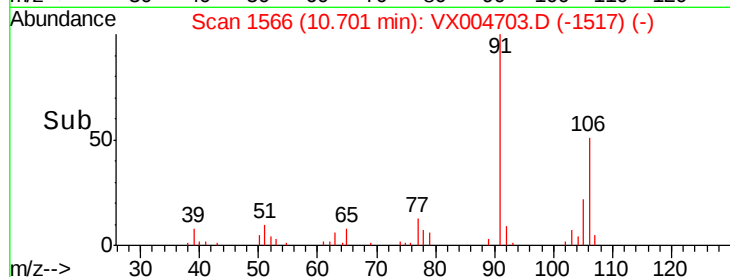
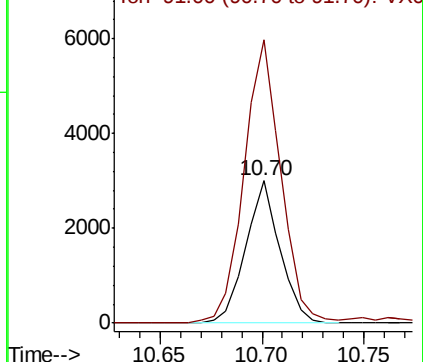
#69
o-Xylene
Concen: 0.71 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004703.D
Acq: 19 Sep 2018 14:06

Instrument :
MSVOA_X
ClientSampleId :
MW-1

Tot Ion:106 Resp: 3483
Ion Ratio Lower Upper
106 100
91 214.6 105.1 315.1

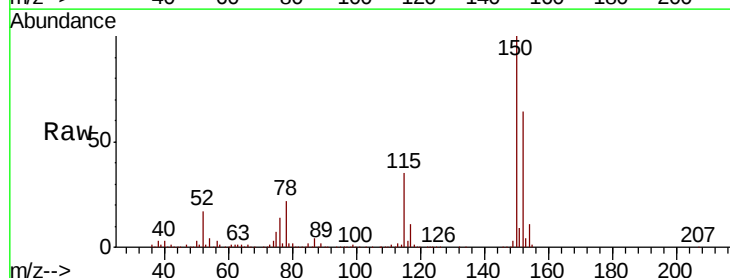


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

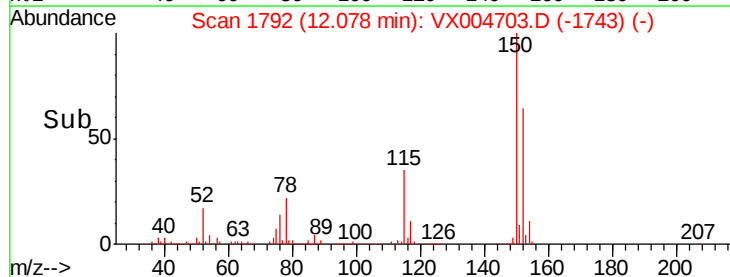
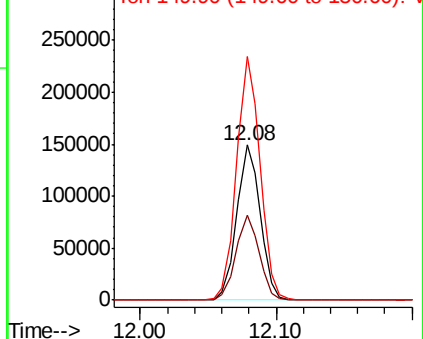


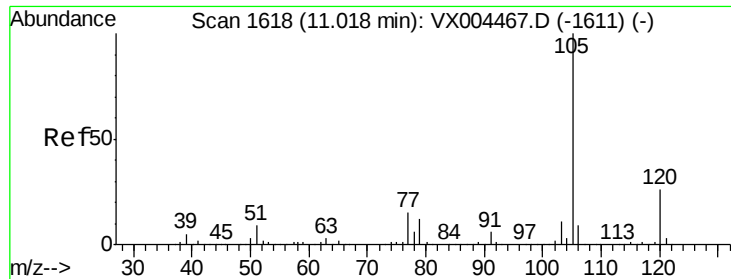
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004703.D
Acq: 19 Sep 2018 14:06

Tgt Ion:152 Resp: 179139
Ion Ratio Lower Upper
152 100
115 54.5 39.0 117.0
150 157.0 0.0 351.0



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: 0.24 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004703.D

Acq: 19 Sep 2018 14:06

Instrument :

MSVOA_X

ClientSampleId :

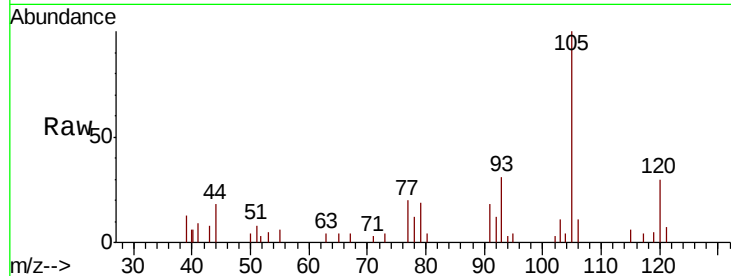
MW-1

Tot Ion: 105 Resp: 2774

Ion Ratio Lower Upper

105 100

120 27.5 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

2000

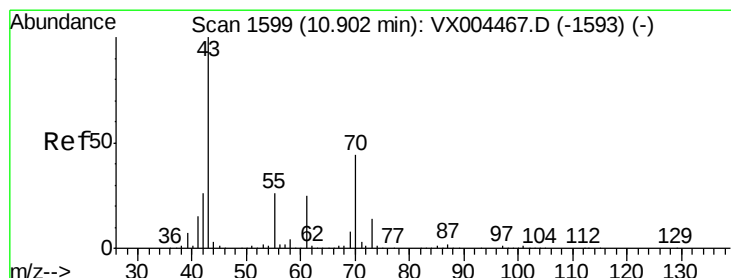
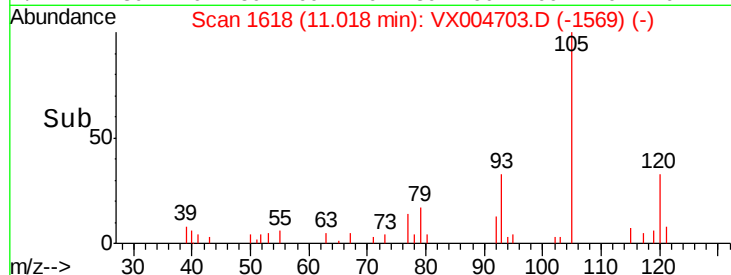
1500

1000

500

0

Time-->



#74

N-ethyl acetate

Concen: 0.21 ug/l

RT: 10.95 min Scan# 1607

Delta R.T. 0.05 min

Lab File: VX004703.D

Acq: 19 Sep 2018 14:06

Tgt Ion: 43 Resp: 1024

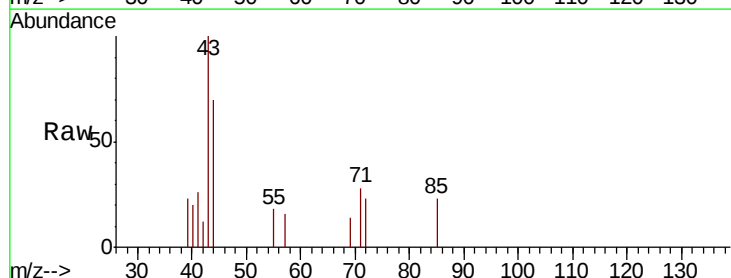
Ion Ratio Lower Upper

43 100

70 0.0 37.4 56.0#

55 0.0 21.8 32.8#

61 0.0 20.6 30.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

800

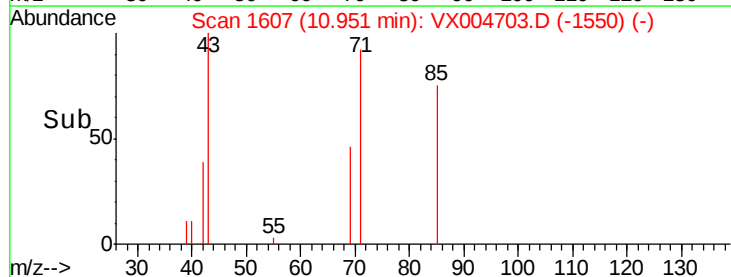
600

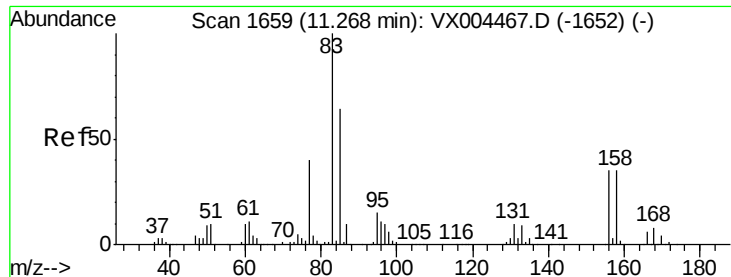
400

200

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 0.72 ug/l

RT: 11.15 min Scan# 1640

Delta R.T. -0.12 min

Lab File: VX004703.D

Acq: 19 Sep 2018 14:06

Instrument :

MSVOA_X

ClientSampled :

MW-1

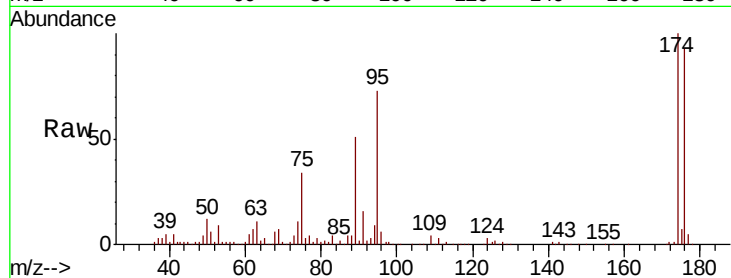
Tot Ion: 83 Resp: 2738

Ion Ratio Lower Upper

83 100

131 8.0 5.2 15.6

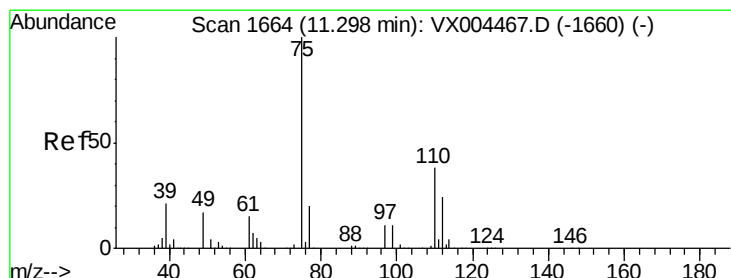
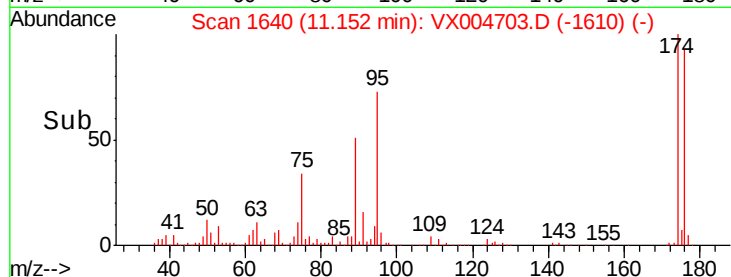
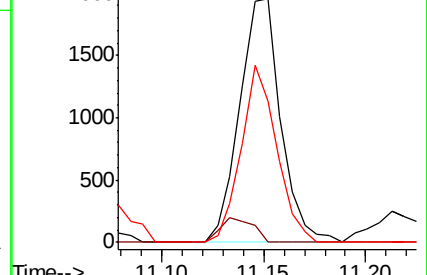
85 62.4 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.56 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX004703.D

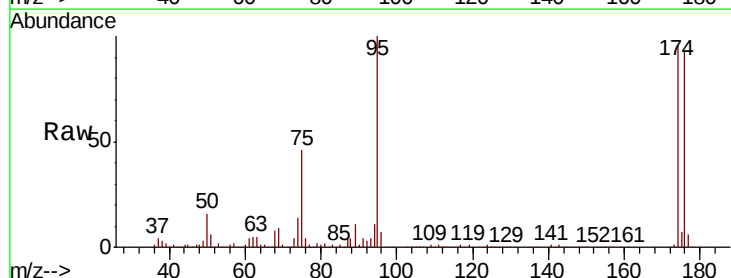
Acq: 19 Sep 2018 14:06

Tgt Ion: 75 Resp: 81319

Ion Ratio Lower Upper

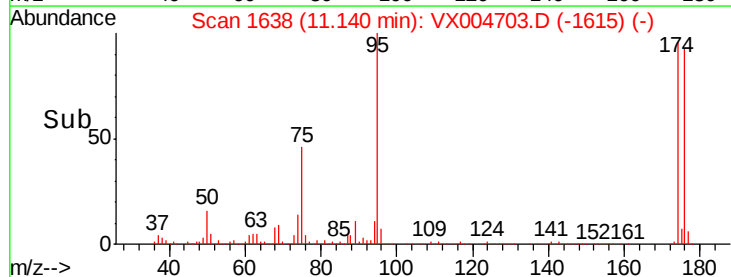
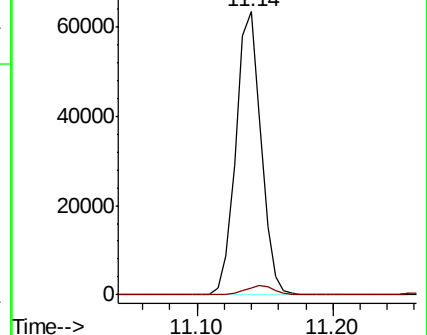
75 100

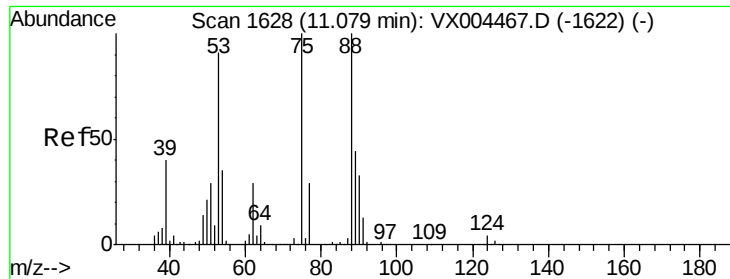
77 4.0 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 71.92 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004703.D

Acq: 19 Sep 2018 14:06

Instrument :

MSVOA_X

ClientSampleId :

MW-1

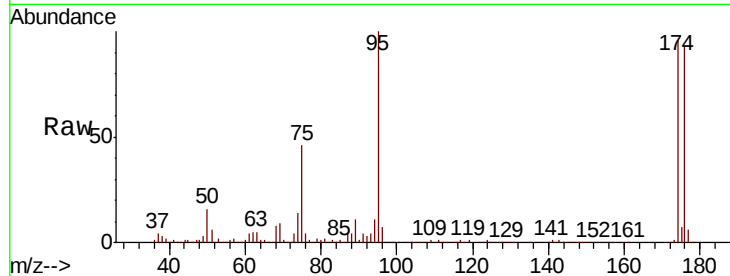
Tot Ion: 75 Resp: 81319

Ion Ratio Lower Upper

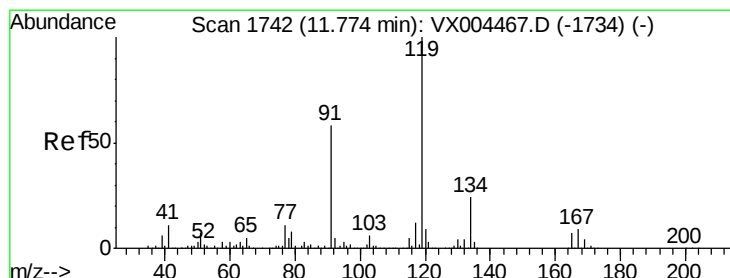
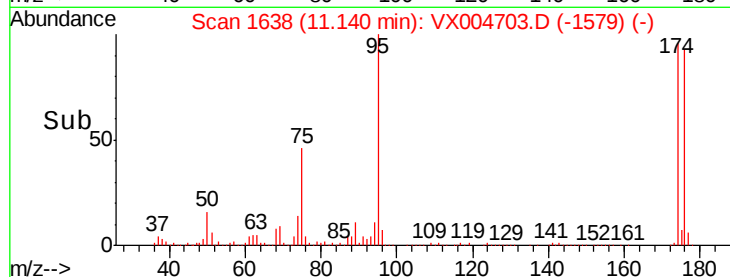
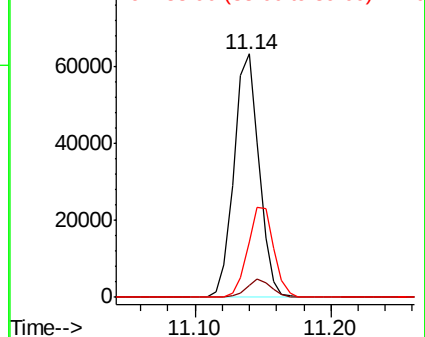
75 100

53 7.2 80.1 120.1#

89 39.0 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#83

tert-Butylbenzene

Concen: 0.23 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX004703.D

Acq: 19 Sep 2018 14:06

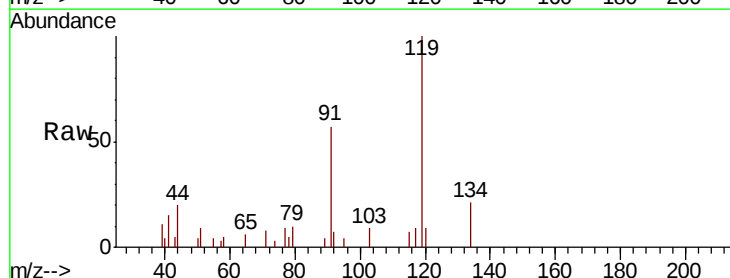
Tgt Ion: 119 Resp: 2142

Ion Ratio Lower Upper

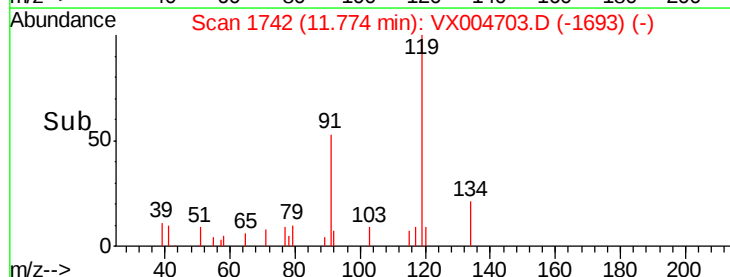
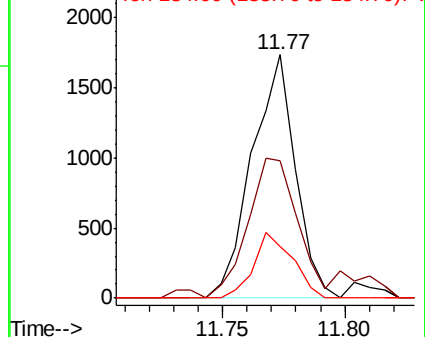
119 100

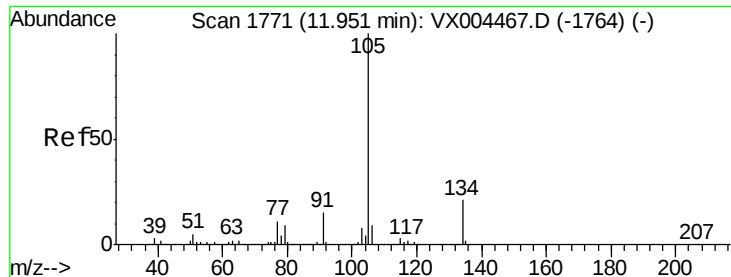
91 67.6 27.0 81.0

134 24.0 11.7 35.1



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

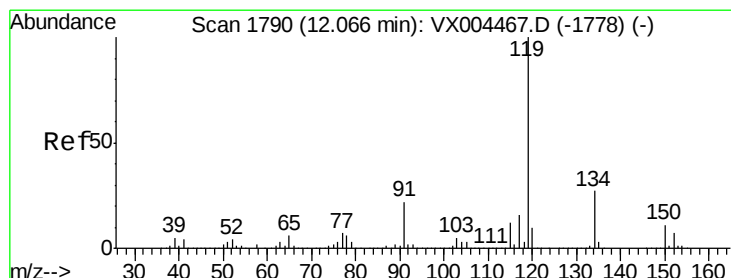
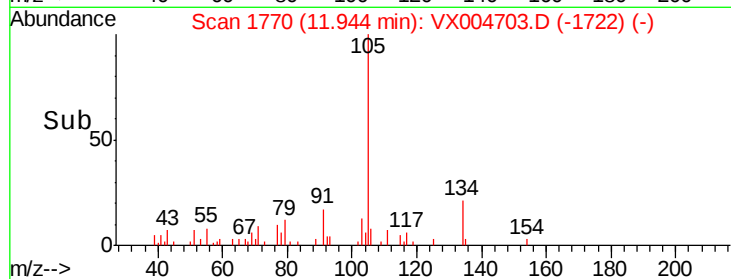
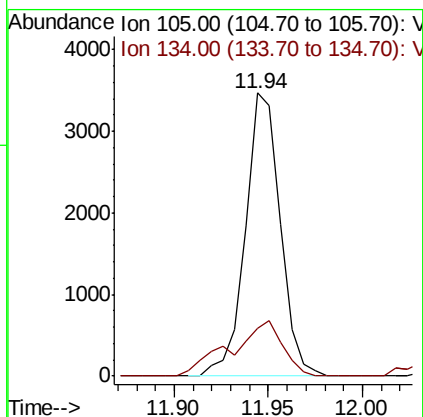
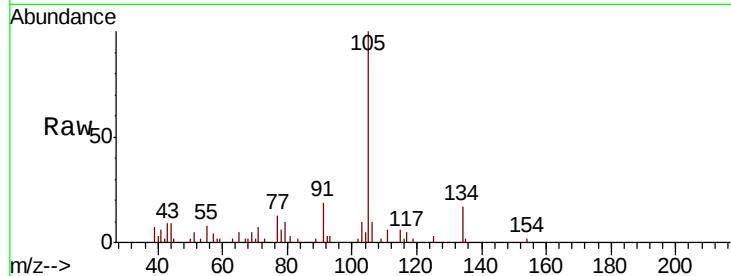




#85
 sec-Butylbenzene
 Concen: 0.37 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: VX004703.D
 Acq: 19 Sep 2018 14:06

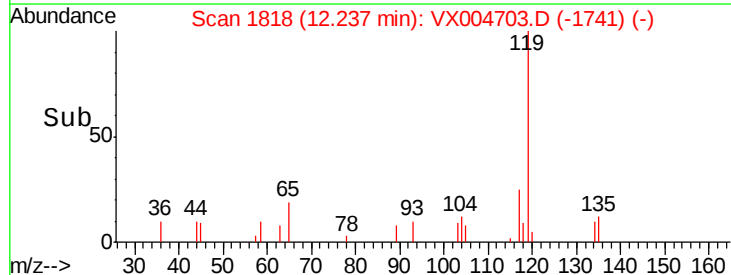
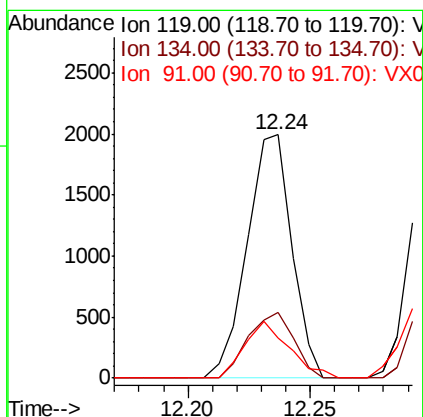
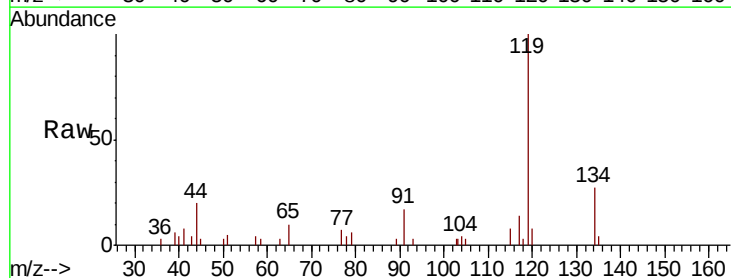
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

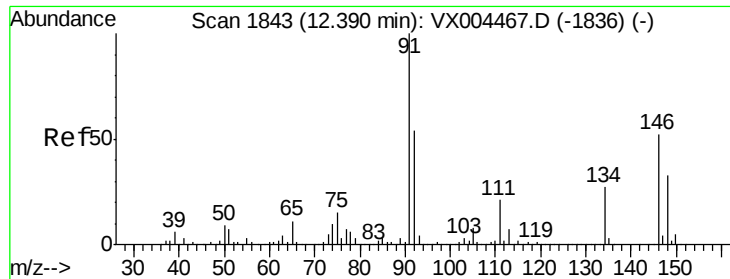
Tot Ion:105 Resp: 4450
 Ion Ratio Lower Upper
 105 100
 134 29.4 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 0.24 ug/l
 RT: 12.24 min Scan# 1818
 Delta R.T. 0.17 min
 Lab File: VX004703.D
 Acq: 19 Sep 2018 14:06

Tgt Ion:119 Resp: 2532
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.4 40.2
 91 23.2 10.9 32.7

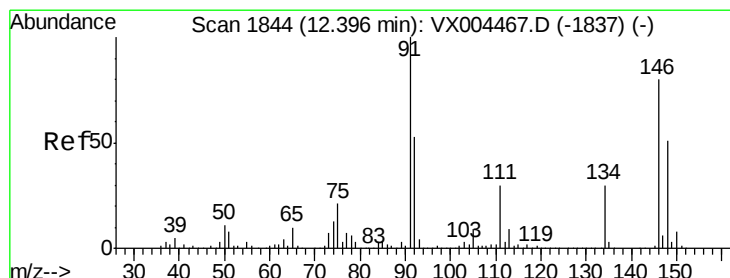
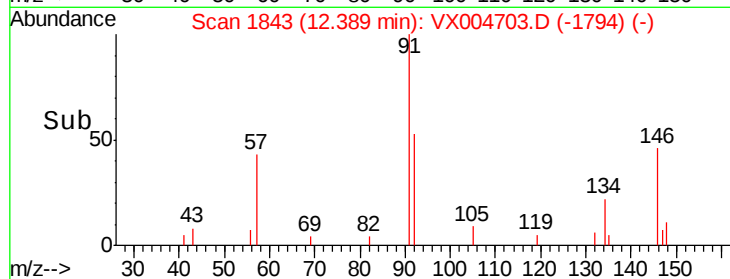
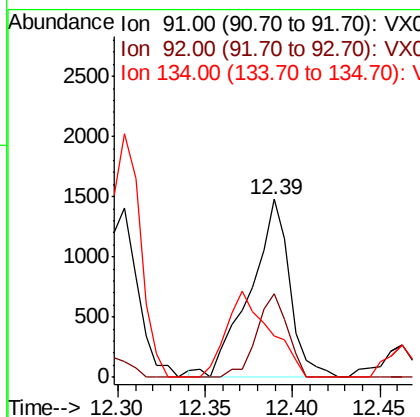
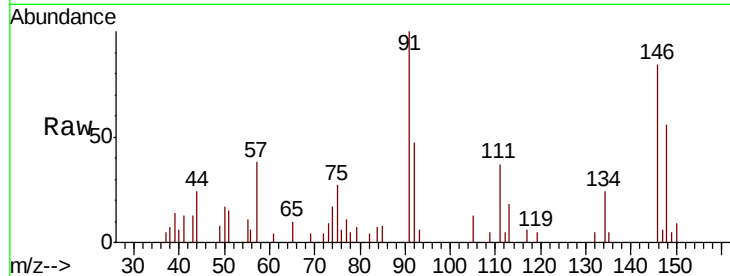




#89
n-Butylbenzene
Concen: 0.24 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004703.D
Acq: 19 Sep 2018 14:06

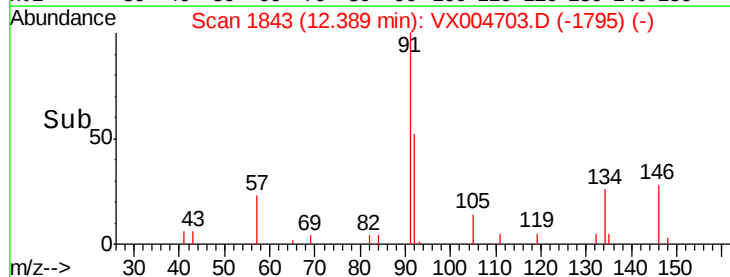
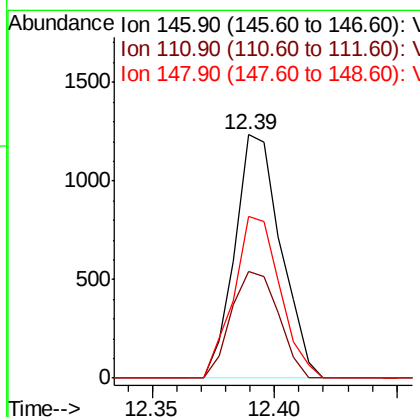
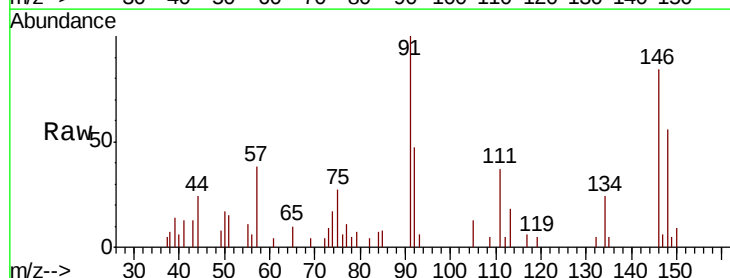
Instrument :
MSVOA_X
ClientSampled :
MW-1

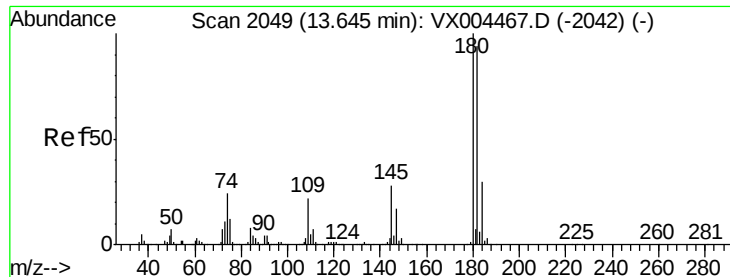
Tot Ion: 91 Resp: 2334
Ion Ratio Lower Upper
91 100
92 36.3 27.3 81.9
134 53.5 13.6 40.7#



#91
1,2-Dichlorobenzene
Concen: 0.26 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.01 min
Lab File: VX004703.D
Acq: 19 Sep 2018 14:06

Tgt Ion: 146 Resp: 1614
Ion Ratio Lower Upper
146 100
111 44.7 19.4 58.1
148 67.0 32.8 98.3

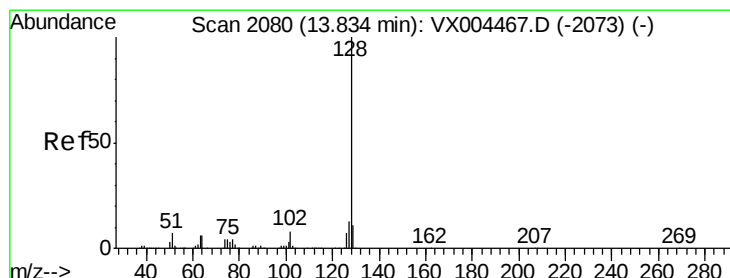
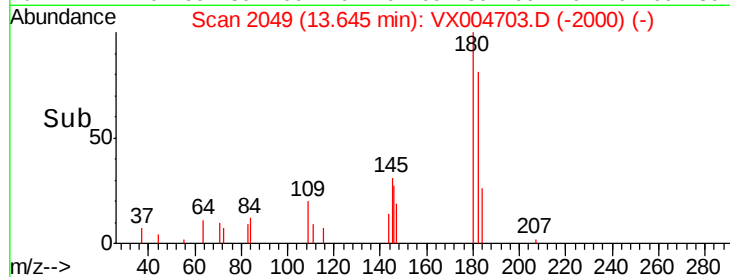
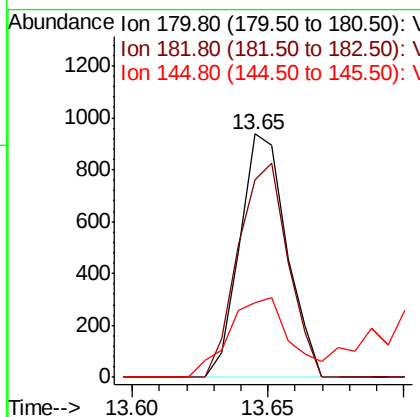
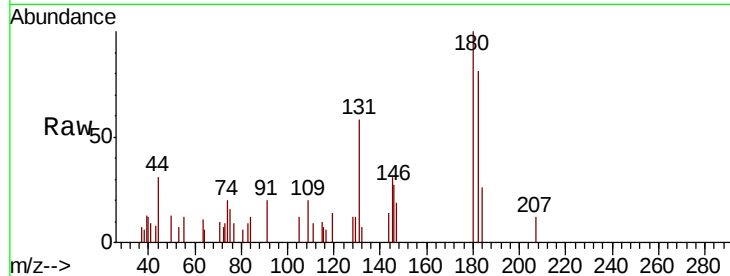




#93
 1,2,4-Trichlorobenzene
 Concen: 0.26 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004703.D
 Acq: 19 Sep 2018 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Tot Ion:180 Resp: 1121
 Ion Ratio Lower Upper
 180 100
 182 93.3 48.4 145.0
 145 43.0 14.3 42.9#



#95
 Naphthalene
 Concen: 0.21 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX004703.D
 Acq: 19 Sep 2018 14:06

Tgt Ion:128 Resp: 2601
 Ion Ratio Lower Upper
 128 100
 127 15.5 10.2 15.2#
 129 12.8 8.6 12.8

