

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091918\
 Data File : VX004704.D
 Acq On : 19 Sep 2018 14:32
 Operator : JC/MD
 Sample : J4939-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 20 03:48:10 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	236720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	358949	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	326809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	183733	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	138878	45.50	ug/l	0.00
Spiked Amount			Recovery	=	91.00%	
35) Dibromofluoromethane	5.50	113	135441	41.23	ug/l	0.00
Spiked Amount			Recovery	=	82.46%	
50) Toluene-d8	8.71	98	489131	44.40	ug/l	0.00
Spiked Amount			Recovery	=	88.80%	
62) 4-Bromofluorobenzene	11.14	95	173148	44.04	ug/l	0.00
Spiked Amount			Recovery	=	88.08%	

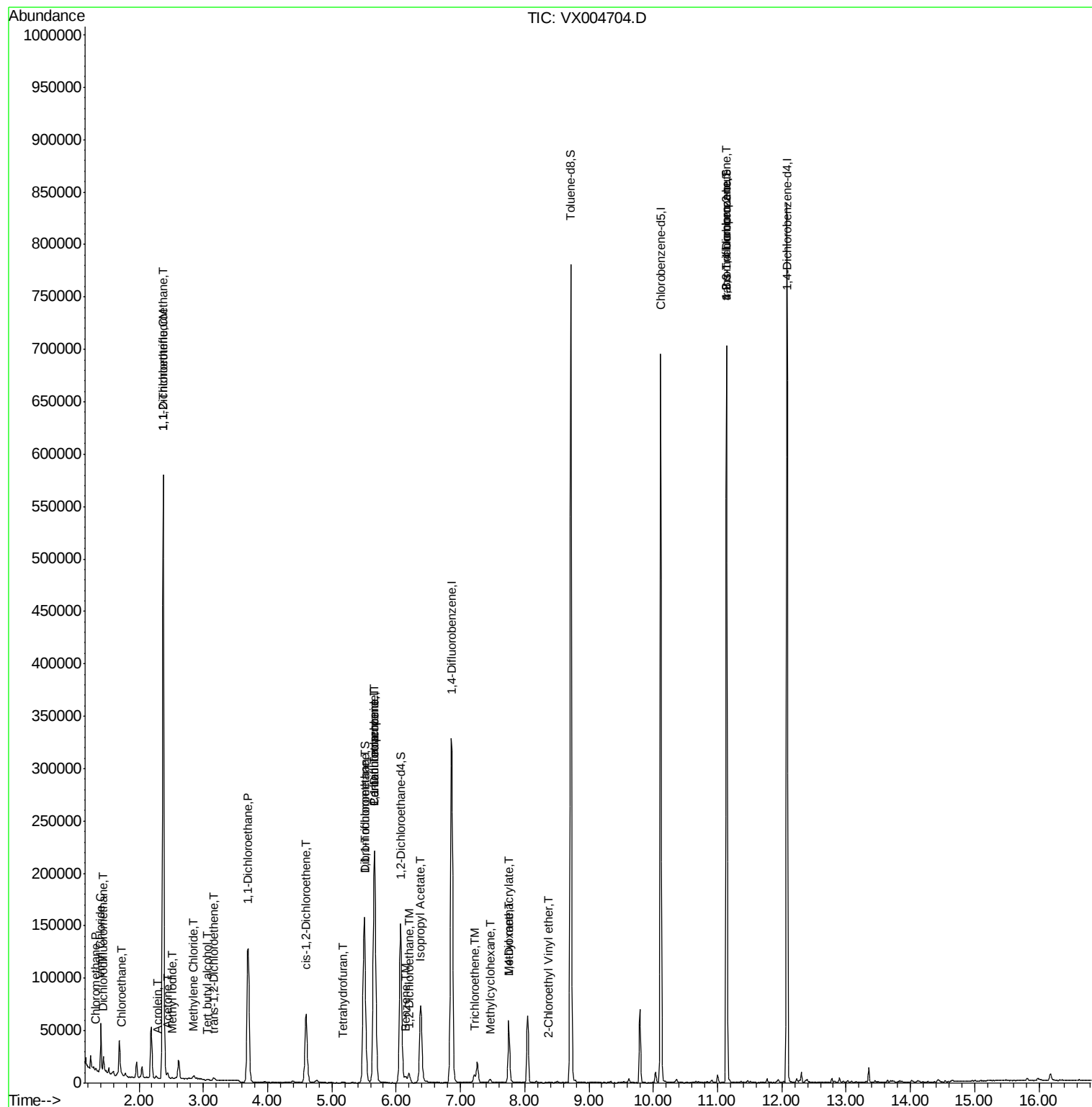
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.45	85	2568	1.16	ug/l	97
3) Chloromethane	1.32	50	716	0.23	ug/l	93
4) Vinyl Chloride	1.40	62	29400	9.38	ug/l	100
5) Bromomethane	1.65	94	834	Below Cal		88
6) Chloroethane	1.73	64	1174	0.58	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.37	101	607	0.23	ug/l #	17
10) Methyl Iodide	2.51	142	1004	4.55	ug/l #	93
11) Tert butyl alcohol	3.07	59	1100	1.51	ug/l #	88
12) 1,1-Dichloroethene	2.37	96	195397	79.00	ug/l	96
13) Acrolein	2.29	56	119	0.41	ug/l #	56
16) Acetone	2.45	43	4392	2.95	ug/l #	86
20) Methylene Chloride	2.85	84	964	0.32	ug/l #	78
21) trans-1,2-Dichloroethene	3.16	96	634	0.23	ug/l	87
24) 1,1-Dichloroethane	3.69	63	156502	30.27	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	41190	13.50	ug/l	92
29) Tetrahydrofuran	5.16	42	574	0.40	ug/l #	60
32) 1,1,1-Trichloroethane	5.51	97	1299	0.32	ug/l #	23
36) 1,1-Dichloropropene	5.67	75	14576	3.34	ug/l #	50
38) Carbon Tetrachloride	5.66	117	19985	4.70	ug/l #	16
39) Methylcyclohexane	7.46	83	1347	0.30	ug/l	90
40) Benzene	6.14	78	6581	0.51	ug/l	94
42) 1,2-Dichloroethane	6.20	62	9071	2.12	ug/l	100
43) Isopropyl Acetate	6.38	43	19069	2.90	ug/l #	60
44) Trichloroethene	7.22	130	3200	0.95	ug/l	98
48) Methyl methacrylate	7.75	41	891	0.27	ug/l #	44
49) 1,4-Dioxane	7.76	88	43361	562.34	ug/l #	96
58) 2-Chloroethyl Vinyl ether	8.37	63	196	7.35	ug/l #	45
76) 1,2,3-Trichloropropane	11.14	75	80406	21.75	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	80406	69.33	ug/l #	15

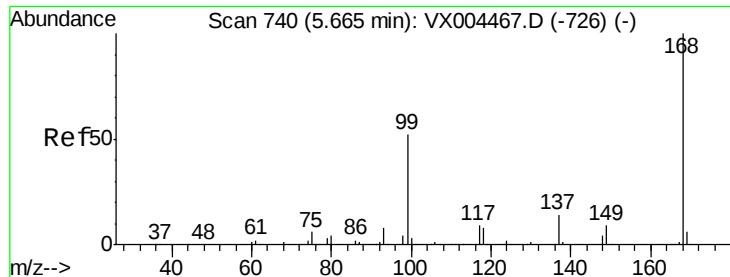
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004704.D

Acq: 19 Sep 2018 14:32

Instrument :

MSVOA_X

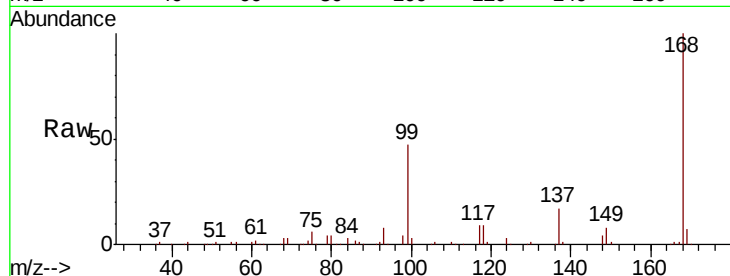
ClientSampled :

Tot Ion:168 Resp: 236720

Ion Ratio Lower Upper

168 100

99 46.7 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

80000

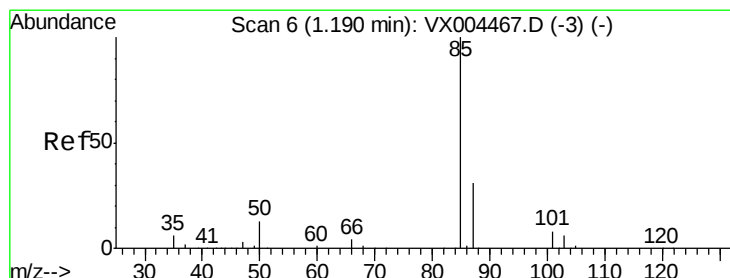
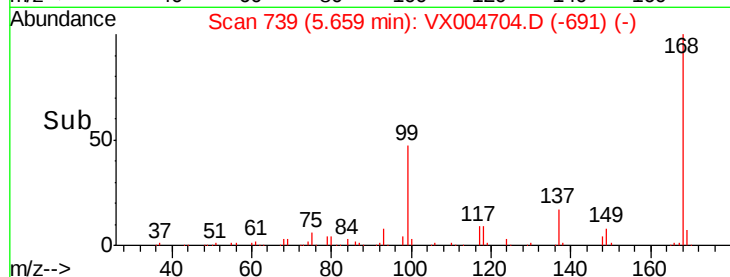
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 1.16 ug/l

RT: 1.45 min Scan# 48

Delta R.T. 0.26 min

Lab File: VX004704.D

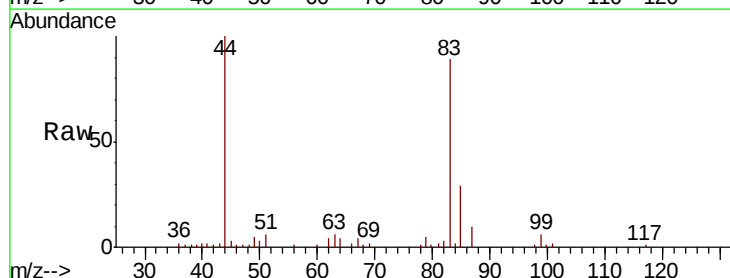
Acq: 19 Sep 2018 14:32

Tgt Ion: 85 Resp: 2568

Ion Ratio Lower Upper

85 100

87 35.6 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.45

2500

2000

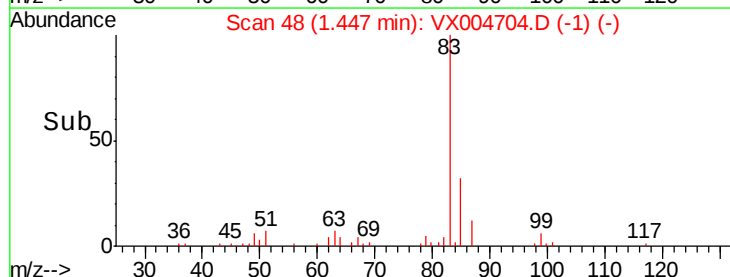
1500

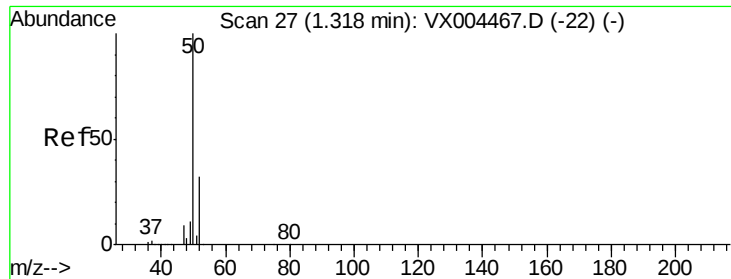
1000

500

0

Time--> 1.40 1.42 1.44 1.46 1.48





#3

Chloromethane

Concen: 0.23 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004704.D

Acq: 19 Sep 2018 14:32

Instrument :

MSVOA_X

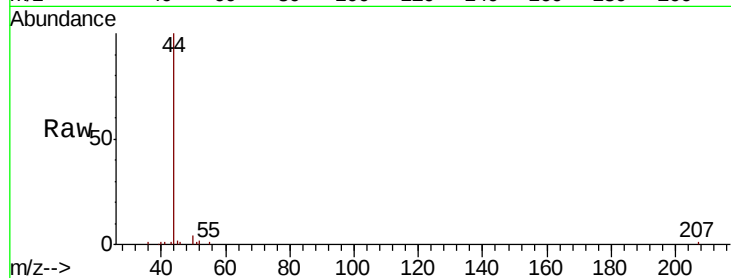
ClientSampleId :

Tot Ion: 50 Resp: 716

Ion Ratio Lower Upper

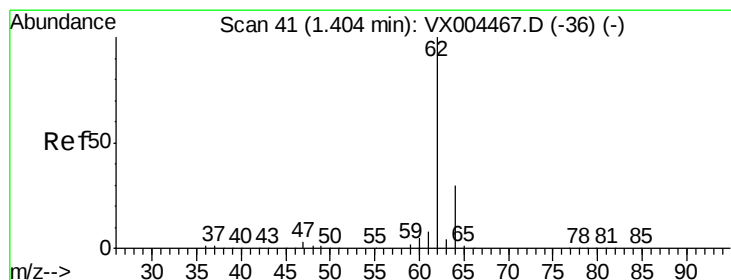
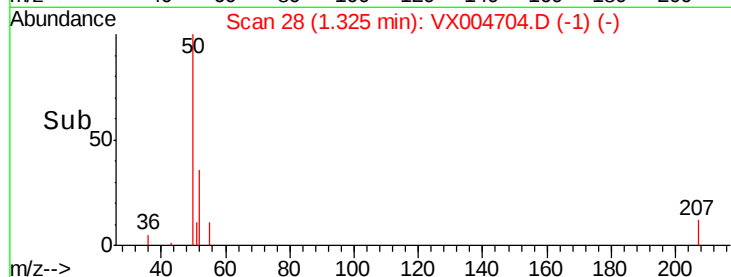
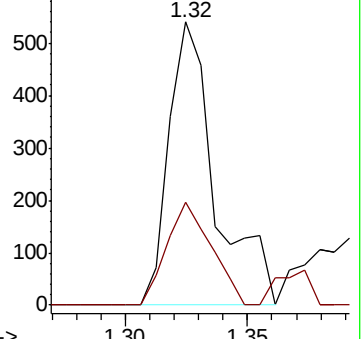
50 100

52 36.5 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 9.38 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004704.D

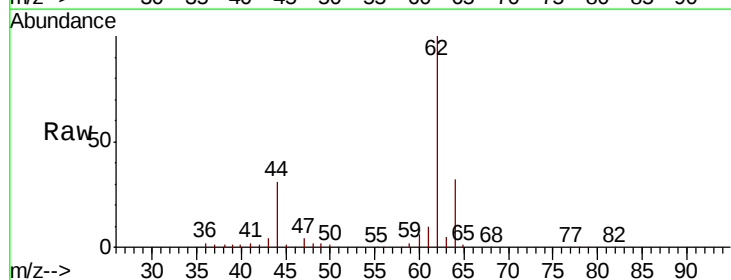
Acq: 19 Sep 2018 14:32

Tgt Ion: 62 Resp: 29400

Ion Ratio Lower Upper

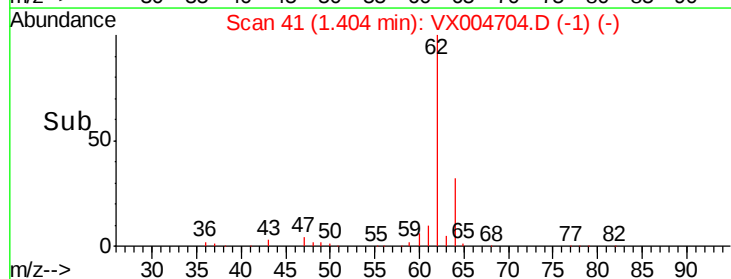
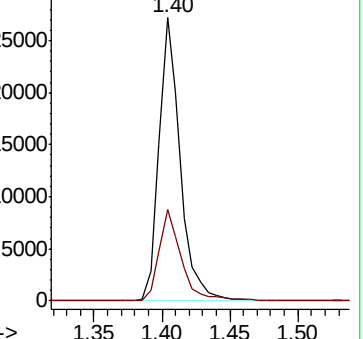
62 100

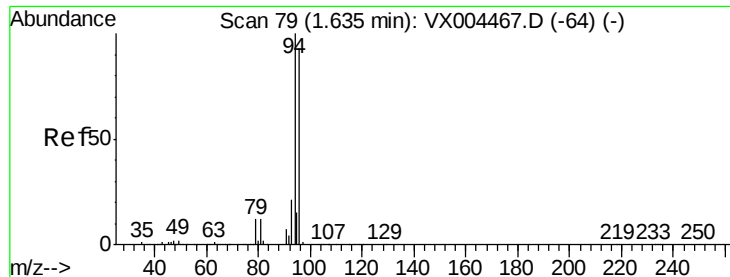
64 32.1 25.8 38.8



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# 81

Delta R.T. 0.01 min

Lab File: VX004704.D

Acq: 19 Sep 2018 14:32

Instrument :

MSVOA_X

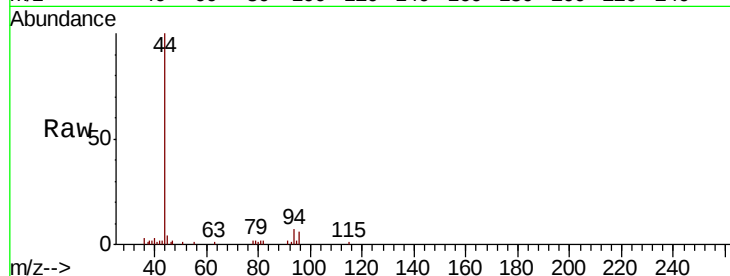
ClientSampleId :

Tot Ion: 94 Resp: 834

Ion Ratio Lower Upper

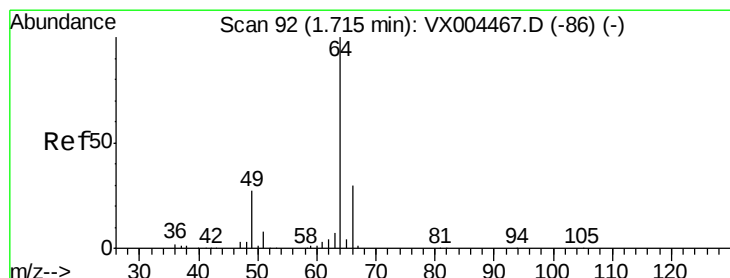
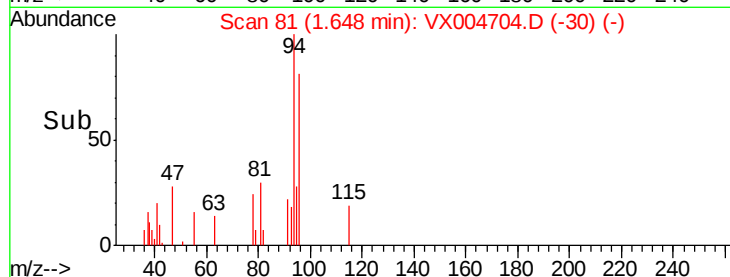
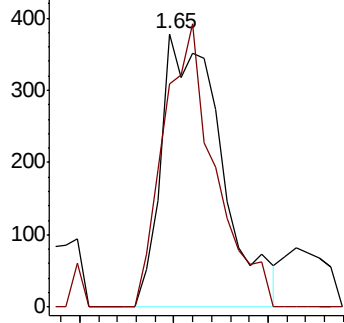
94 100

96 81.5 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: 0.58 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX004704.D

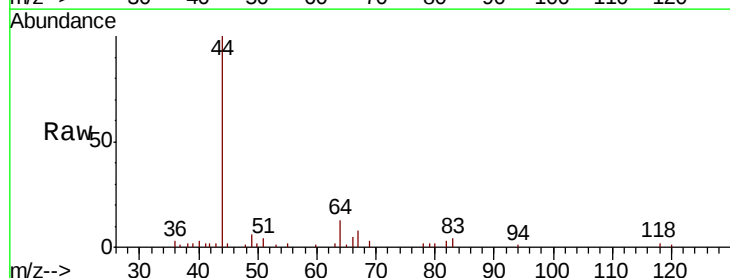
Acq: 19 Sep 2018 14:32

Tgt Ion: 64 Resp: 1174

Ion Ratio Lower Upper

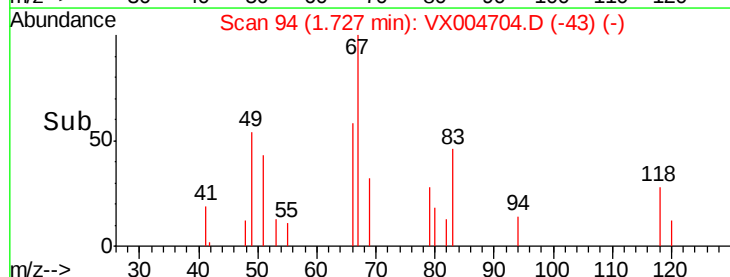
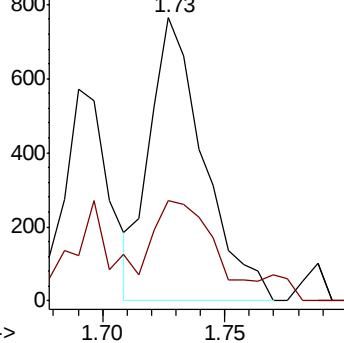
64 100

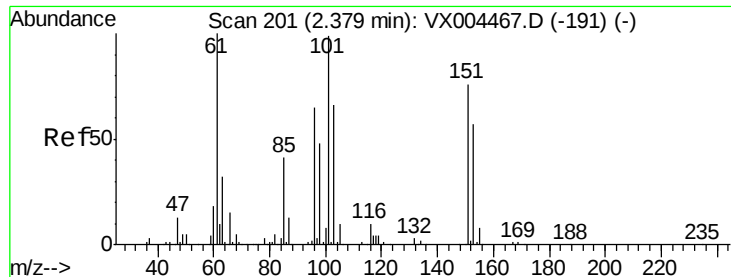
66 26.6 24.6 36.8



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: 0.23 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX004704.D

Acq: 19 Sep 2018 14:32

Instrument :

MSVOA_X

ClientSampleId :

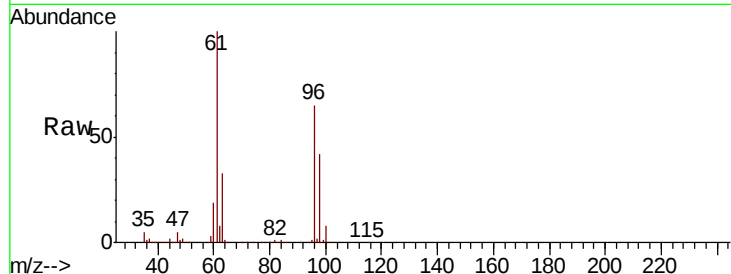
Tot Ion:101 Resp: 607

Ion Ratio Lower Upper

101 100

85 0.0 34.2 51.4#

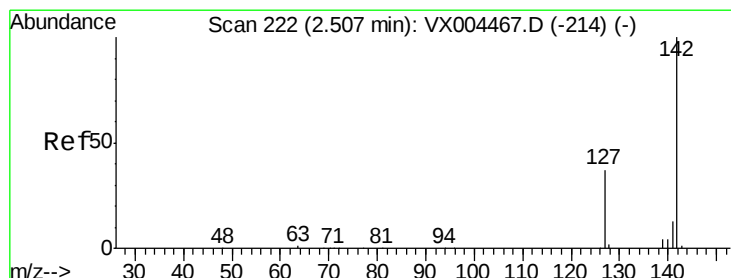
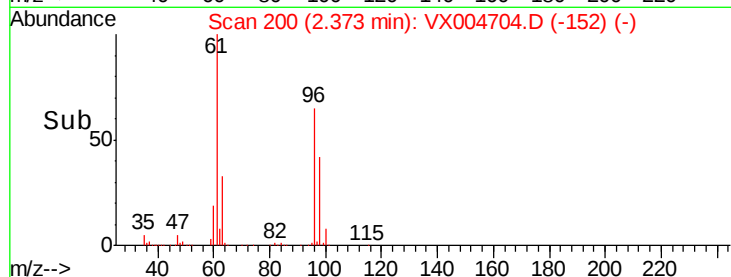
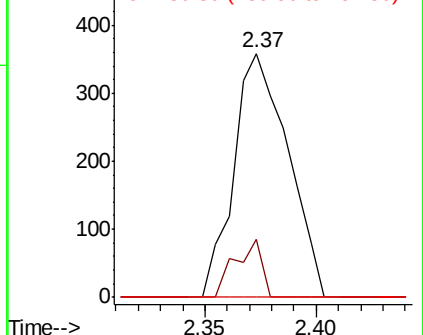
151 0.0 65.0 97.6#



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

Methyl Iodide

Concen: 4.55 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX004704.D

Acq: 19 Sep 2018 14:32

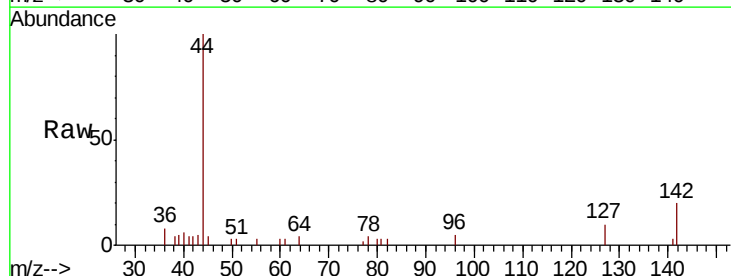
Tgt Ion:142 Resp: 1004

Ion Ratio Lower Upper

142 100

127 37.6 33.8 50.6

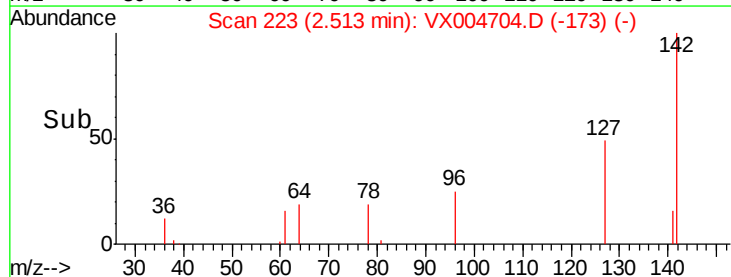
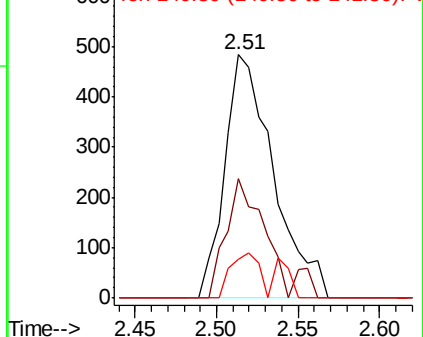
141 10.8 11.4 17.0#

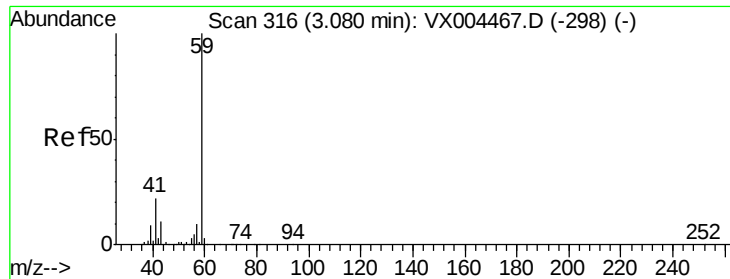


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

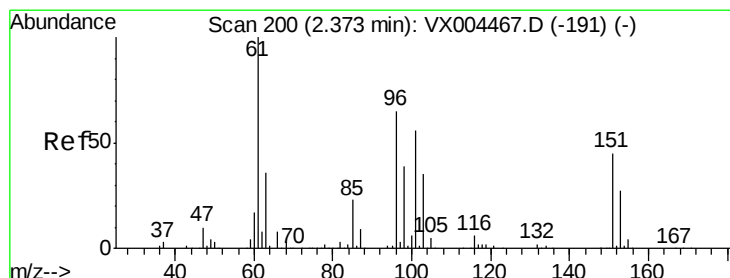
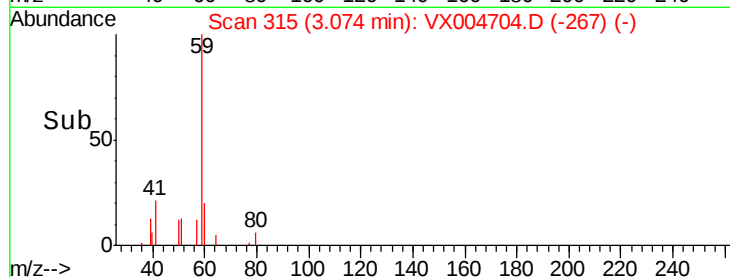
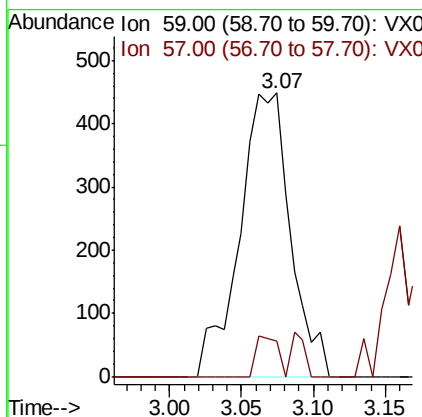
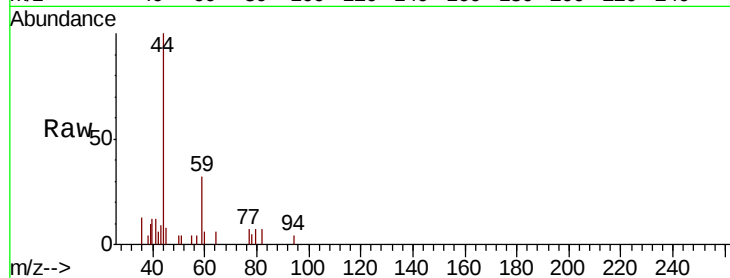




#11
Tert butyl alcohol
Concen: 1.51 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

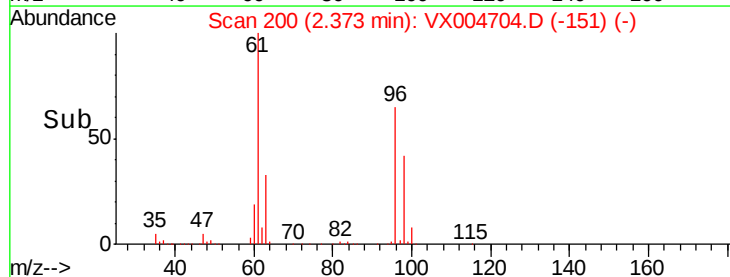
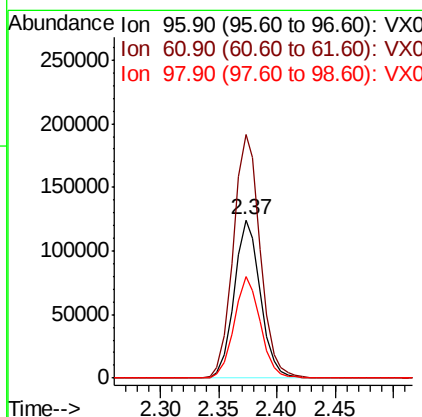
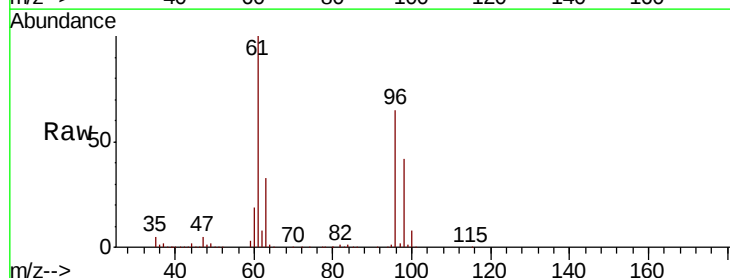
Instrument :
MSVOA_X
ClientSampled :

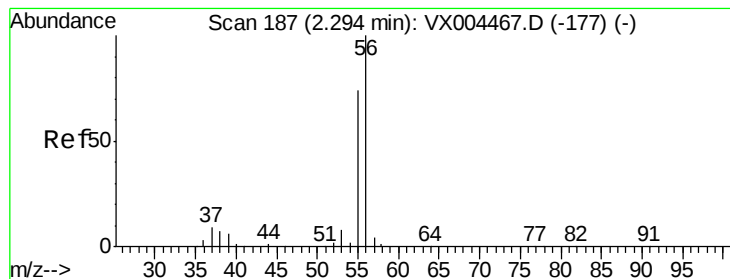
Tot Ion: 59 Resp: 1100
Ion Ratio Lower Upper
59 100
57 6.0 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 79.00 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Tgt Ion: 96 Resp: 195397
Ion Ratio Lower Upper
96 100
61 154.1 128.8 193.2
98 64.4 52.2 78.2





#13

Acrolein

Concen: 0.41 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX004704.D

Acq: 19 Sep 2018 14:32

Instrument :

MSVOA_X

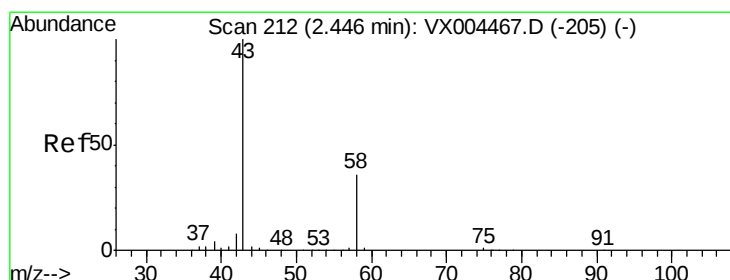
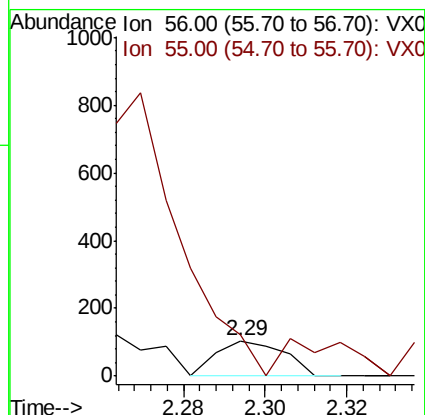
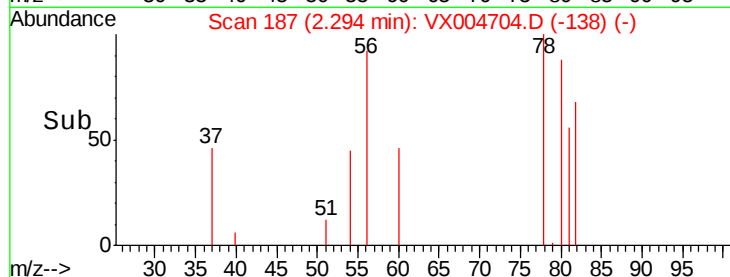
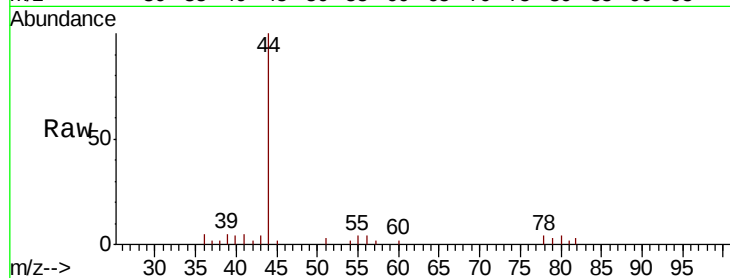
ClientSampled :

Tot Ion: 56 Resp: 119

Ion Ratio Lower Upper

56 100

55 104.2 54.7 82.1#



#16

Acetone

Concen: 2.95 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004704.D

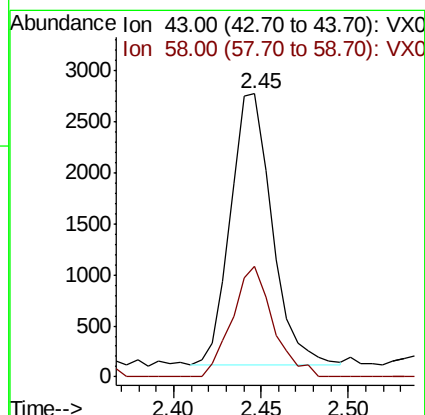
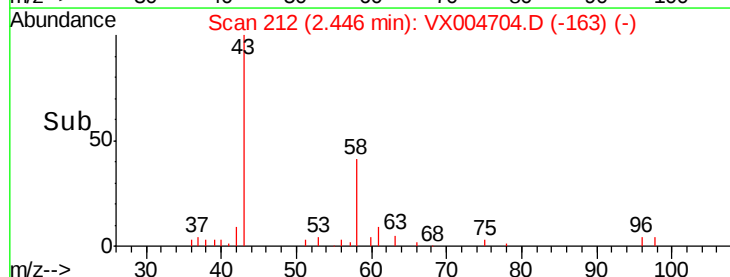
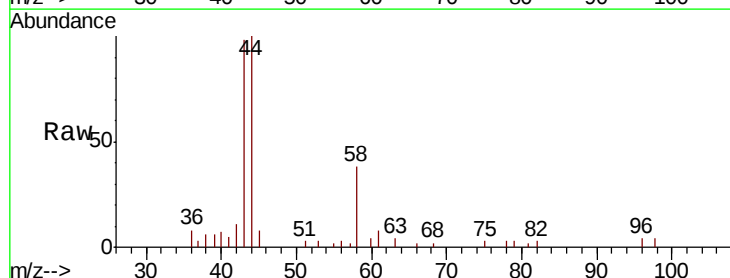
Acq: 19 Sep 2018 14:32

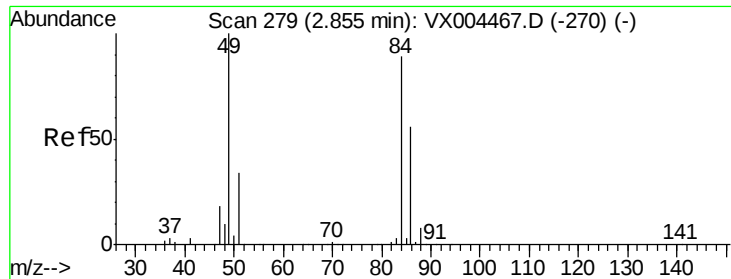
Tgt Ion: 43 Resp: 4392

Ion Ratio Lower Upper

43 100

58 40.6 26.2 39.4#

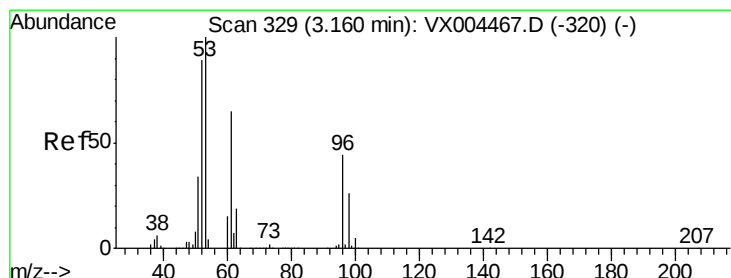
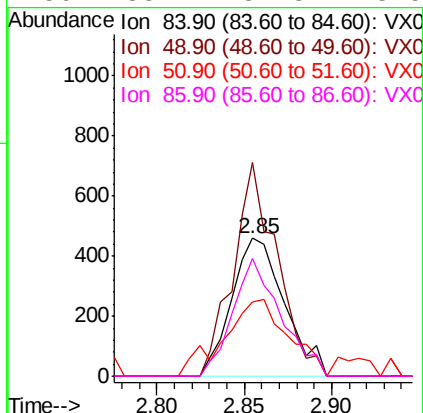
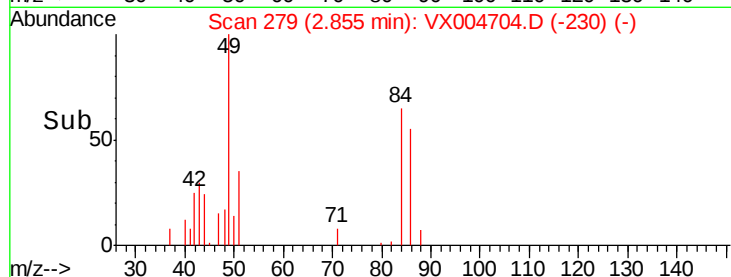
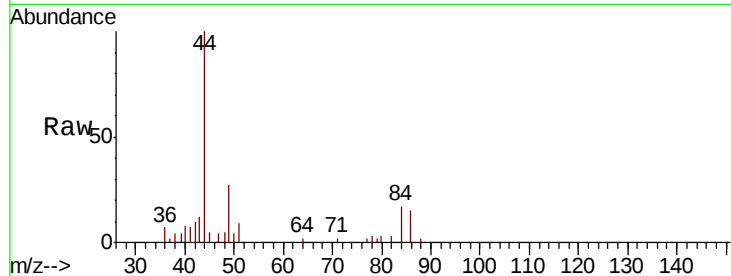




#20
Methvlene Chloride
Concen: 0.32 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

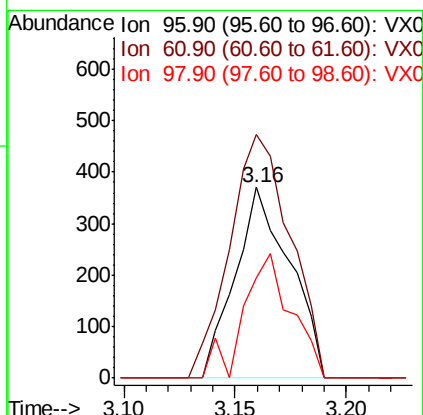
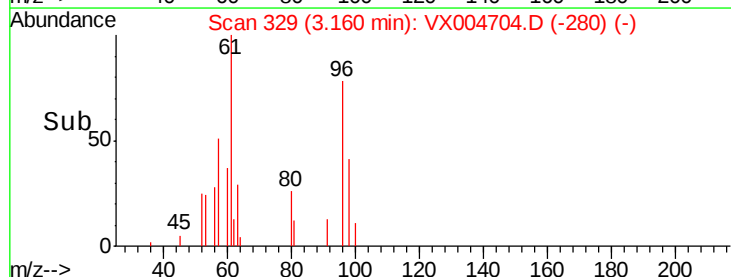
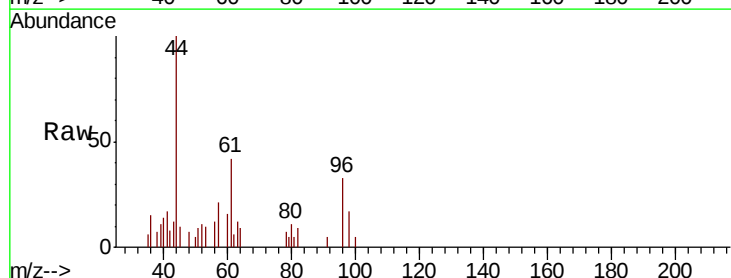
Instrument :
MSVOA_X
ClientSampleId :

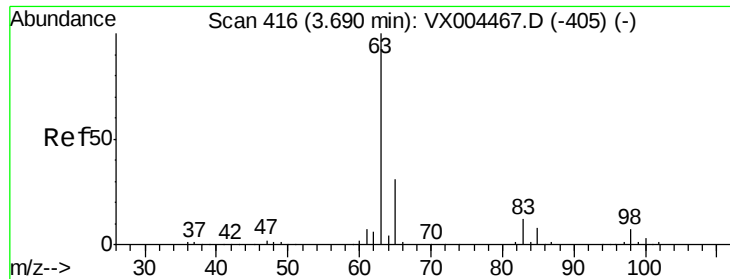
Tot Ion: 84 Resp: 964
Ion Ratio Lower Upper
84 100
49 154.9 101.2 151.8#
51 41.8 29.5 44.3
86 85.4 52.3 78.5#



#21
trans-1,2-Dichloroethene
Concen: 0.23 ug/l
RT: 3.16 min Scan# 329
Delta R.T. 0.00 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Tgt Ion: 96 Resp: 634
Ion Ratio Lower Upper
96 100
61 127.5 113.8 170.6
98 52.6 51.8 77.8





#24

1,1-Dichloroethane

Concen: 30.27 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX004704.D

Acq: 19 Sep 2018 14:32

Instrument :

MSVOA_X

ClientSampleId :

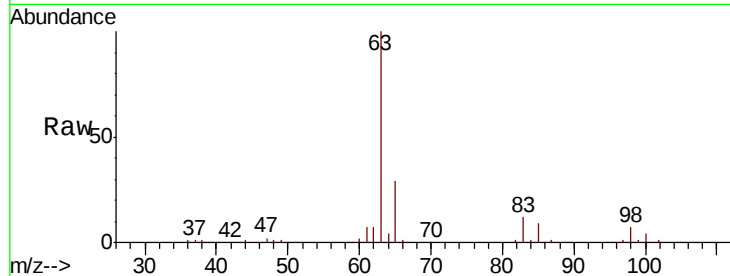
Tot Ion: 63 Resp: 156502

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.4

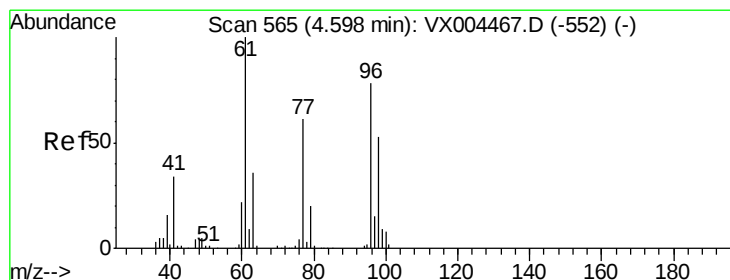
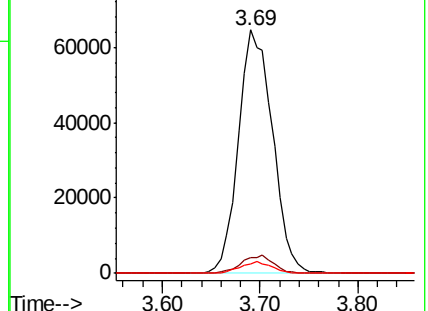
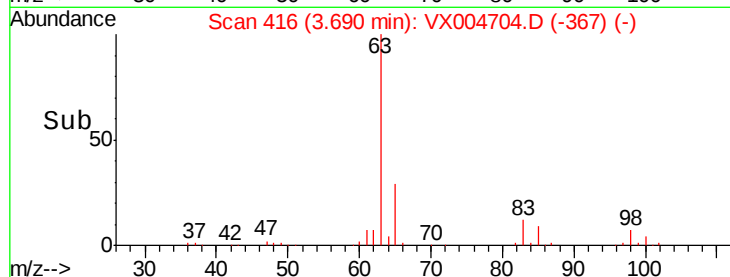
100 3.9 2.4 7.1



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: 13.50 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX004704.D

Acq: 19 Sep 2018 14:32

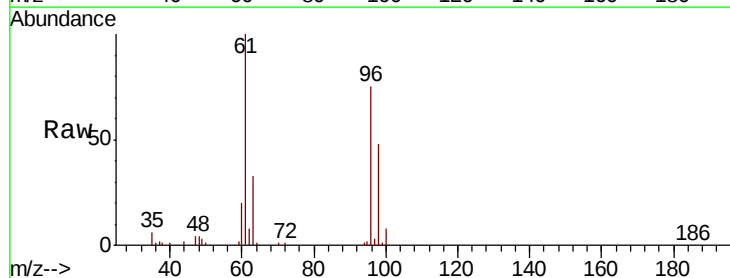
Tgt Ion: 96 Resp: 41190

Ion Ratio Lower Upper

96 100

61 127.6 0.0 282.6

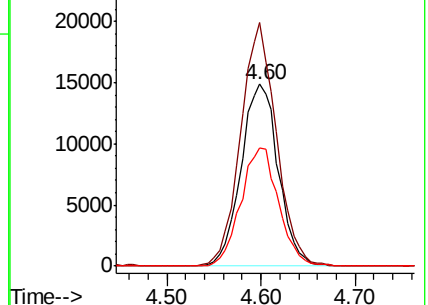
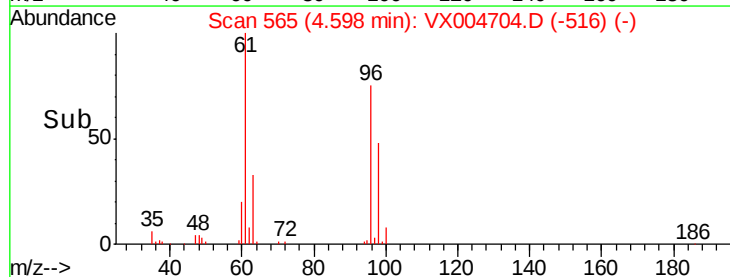
98 65.7 0.0 130.2

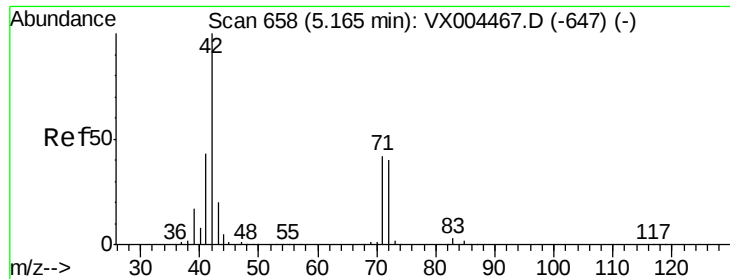


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#29

Tetrahydrofuran

Concen: 0.40 ug/l

RT: 5.16 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX004704.D

Acq: 19 Sep 2018 14:32

Instrument :

MSVOA_X

ClientSampled :

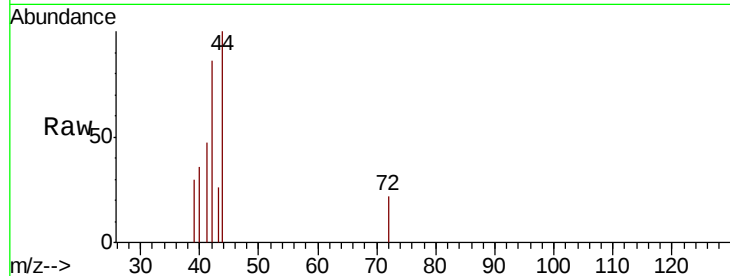
Tot Ion: 42 Resp: 574

Ion Ratio Lower Upper

42 100

72 20.9 37.4 56.0#

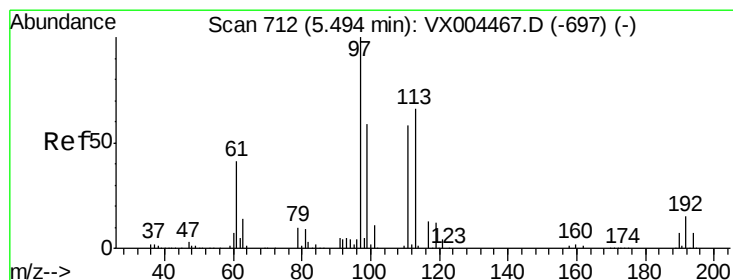
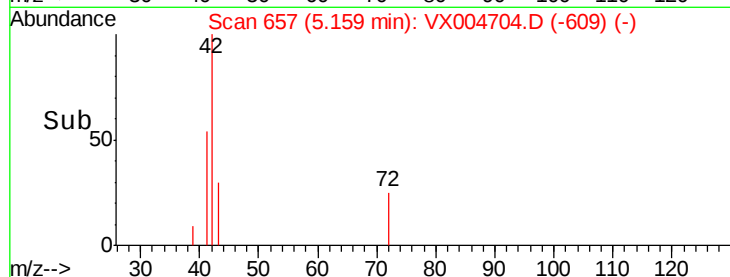
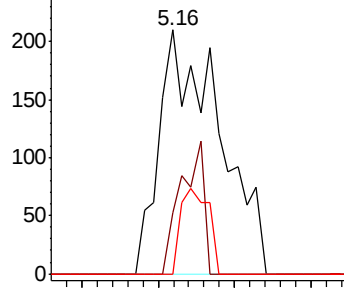
71 16.4 34.5 51.7#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#32

1,1,1-Trichloroethane

Concen: 0.32 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX004704.D

Acq: 19 Sep 2018 14:32

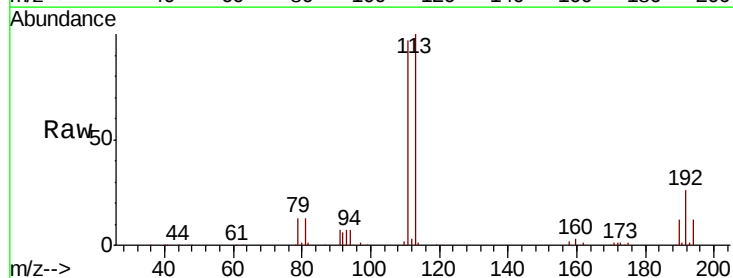
Tgt Ion: 97 Resp: 1299

Ion Ratio Lower Upper

97 100

99 0.0 52.0 78.0#

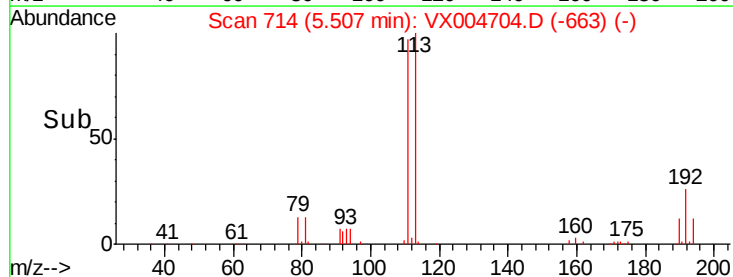
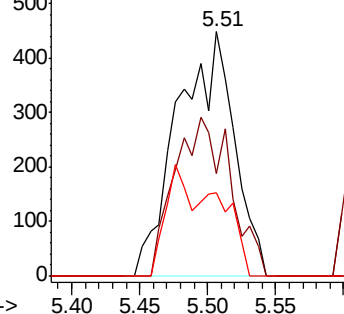
61 0.0 34.9 52.3#

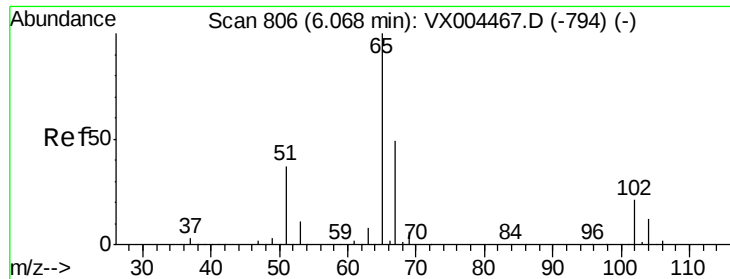


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

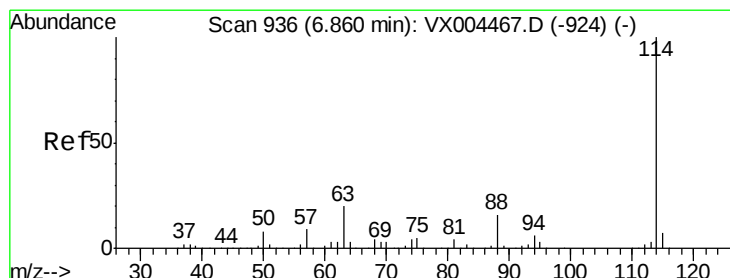
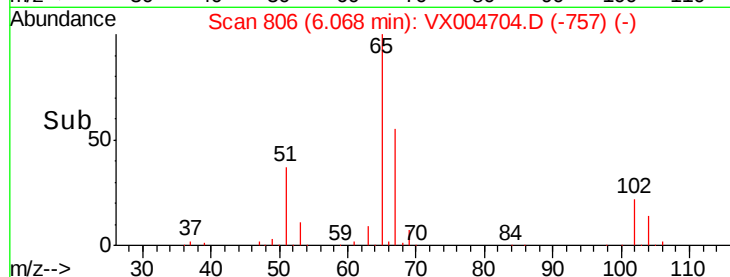
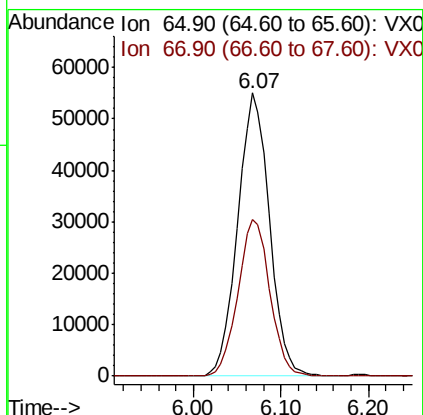
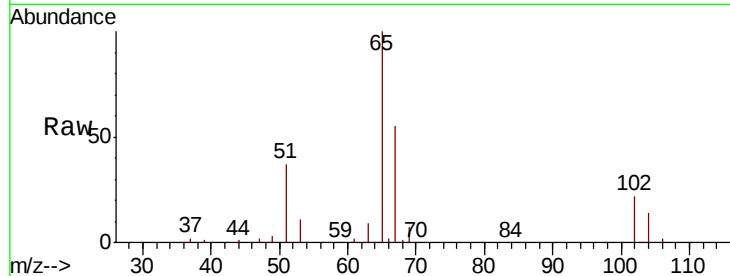




#33
 1,2-Dichloroethane-d4
 Concen: 45.50 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004704.D
 Acq: 19 Sep 2018 14:32

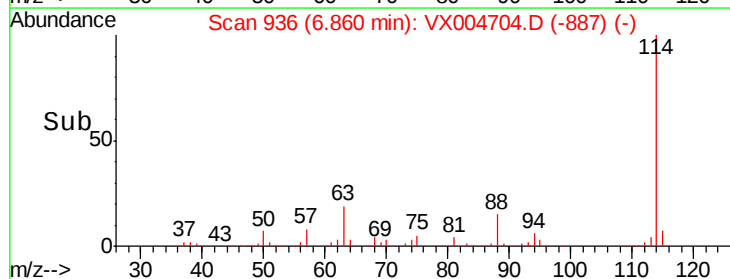
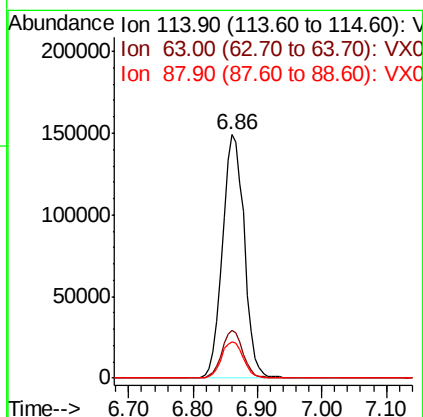
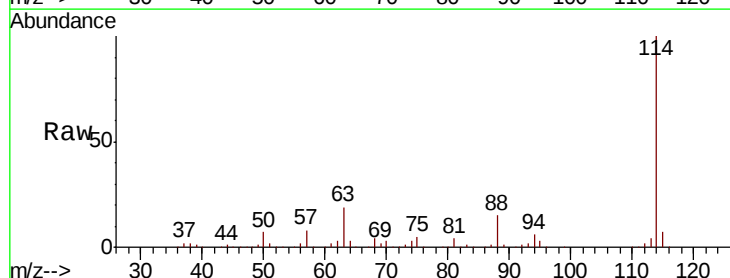
Instrument :
 MSVOA_X
 ClientSampleId :

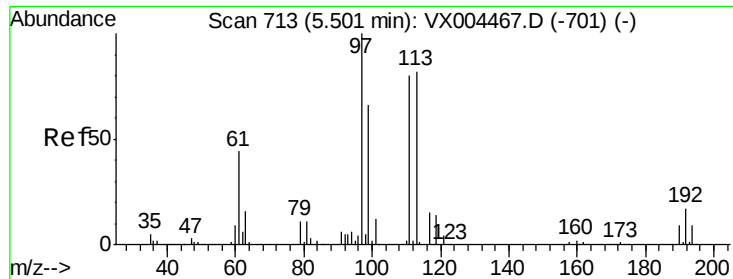
Tot Ion: 65 Resp: 138878
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004704.D
 Acq: 19 Sep 2018 14:32

Tgt Ion: 114 Resp: 358949
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.0
 88 14.7 0.0 30.4

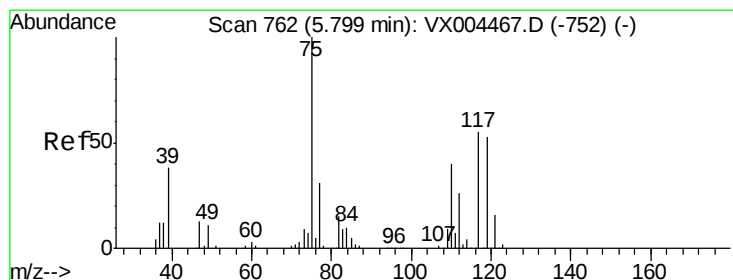
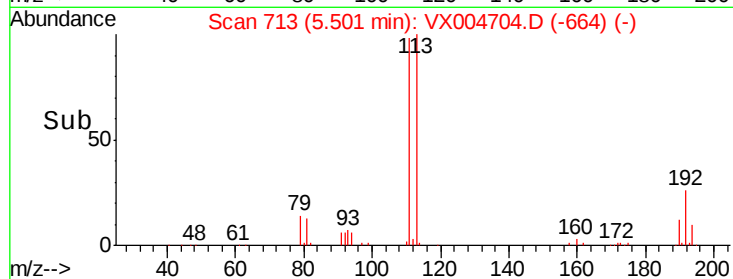
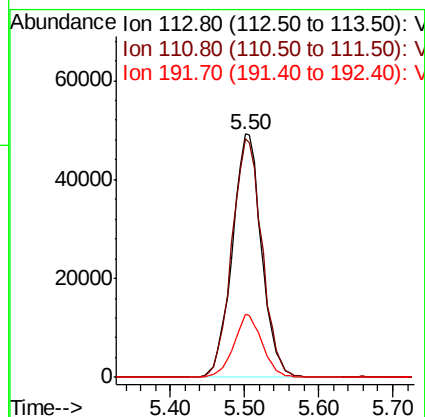
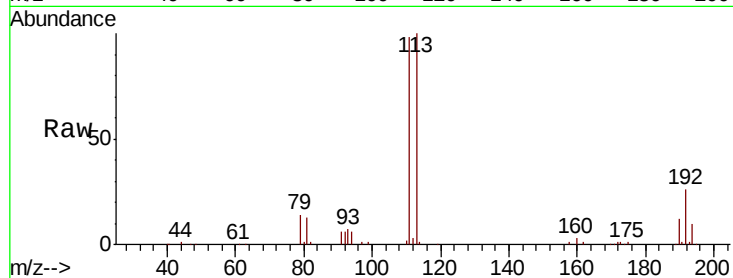




#35
 Dibromofluoromethane
 Concen: 41.23 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004704.D
 Acq: 19 Sep 2018 14:32

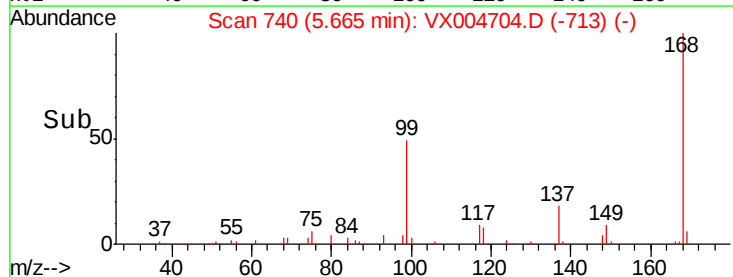
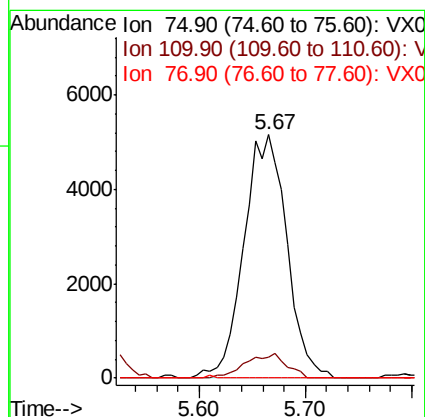
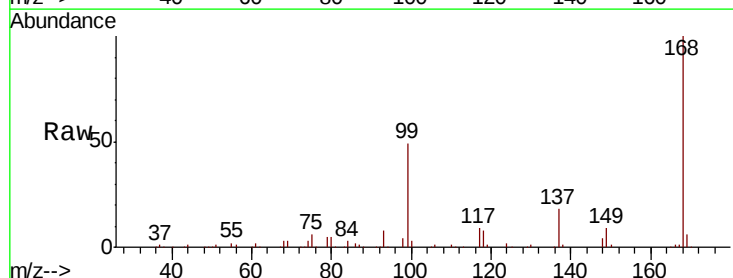
Instrument :
 MSVOA_X
 ClientSampleId :

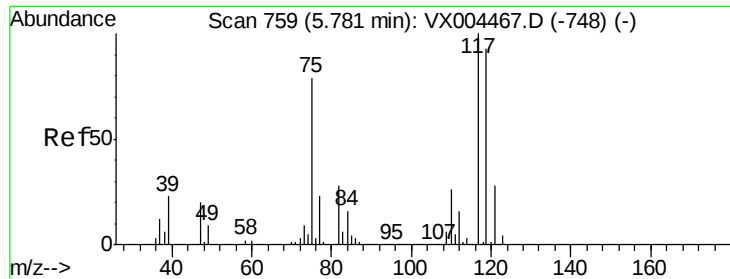
Tot Ion:113 Resp: 135441
 Ion Ratio Lower Upper
 113 100
 111 100.6 82.4 123.6
 192 24.9 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 3.34 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX004704.D
 Acq: 19 Sep 2018 14:32

Tgt Ion: 75 Resp: 14576
 Ion Ratio Lower Upper
 75 100
 110 9.5 18.0 54.0#
 77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 4.70 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX004704.D

Acq: 19 Sep 2018 14:32

Instrument :

MSVOA_X

ClientSampleId :

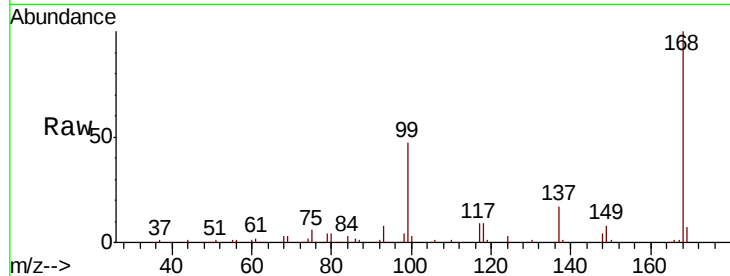
Tot Ion:117 Resp: 19985

Ion Ratio Lower Upper

117 100

119 6.7 78.8 118.2#

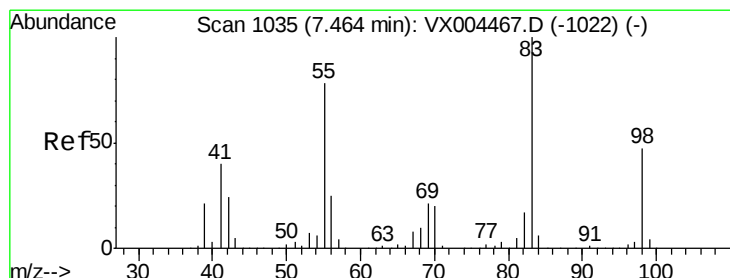
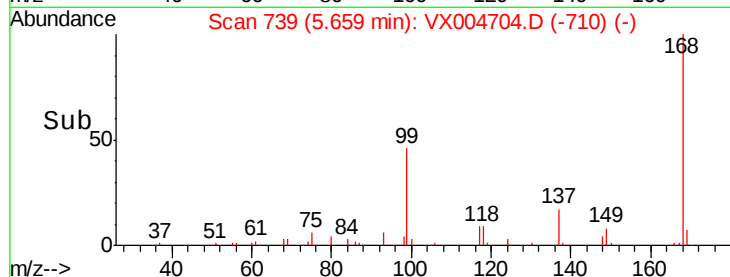
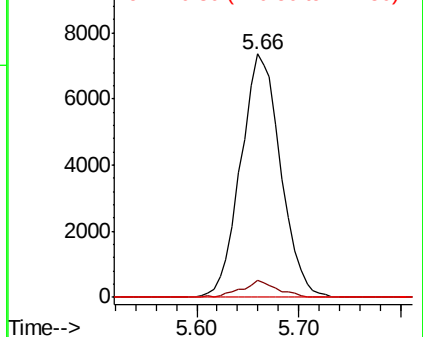
121 0.0 24.9 37.3#



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: 0.30 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX004704.D

Acq: 19 Sep 2018 14:32

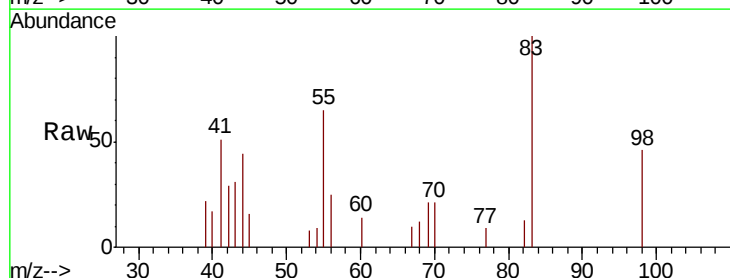
Tgt Ion: 83 Resp: 1347

Ion Ratio Lower Upper

83 100

55 65.2 61.0 91.4

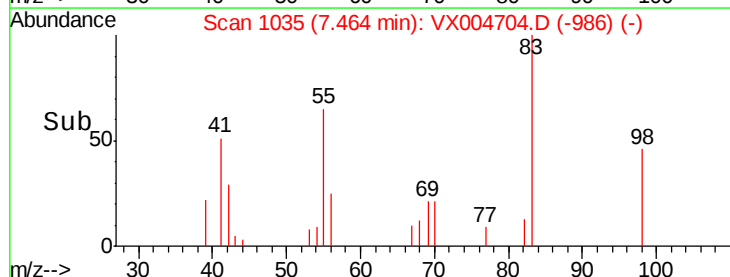
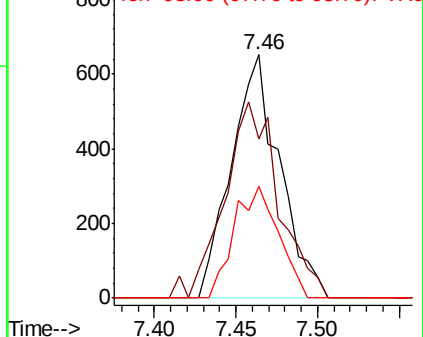
98 46.0 39.6 59.4

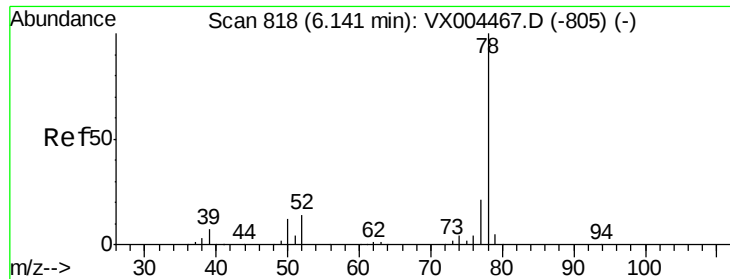


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.51 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX004704.D

Acq: 19 Sep 2018 14:32

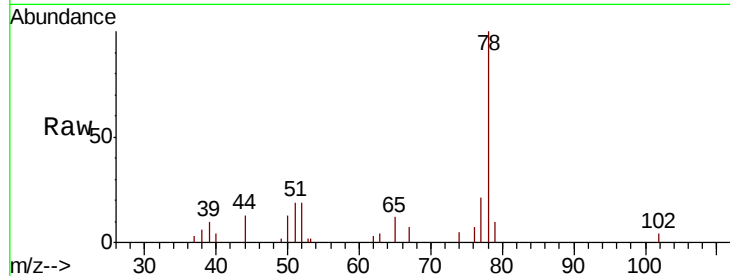
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 78 Resp: 6581

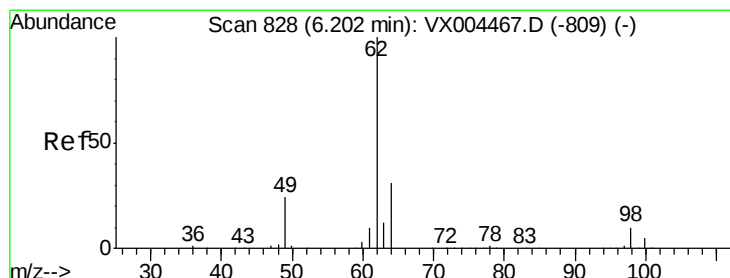
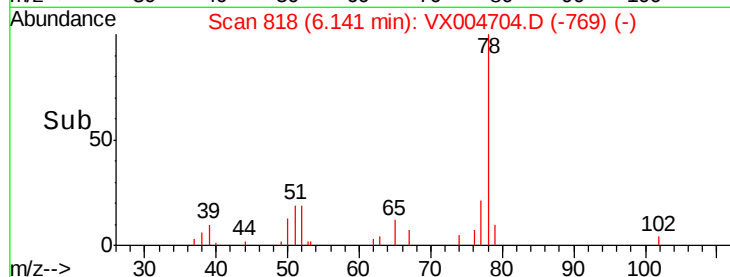
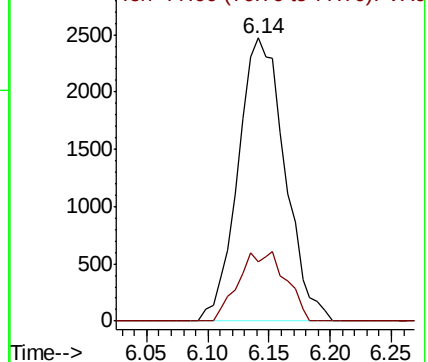
Ion Ratio Lower Upper

78 100

77 20.9 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: 2.12 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.01 min

Lab File: VX004704.D

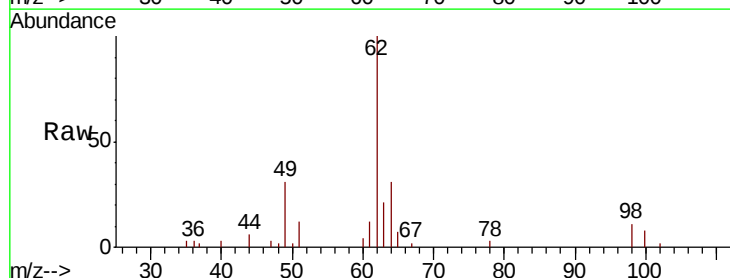
Acq: 19 Sep 2018 14:32

Tgt Ion: 62 Resp: 9071

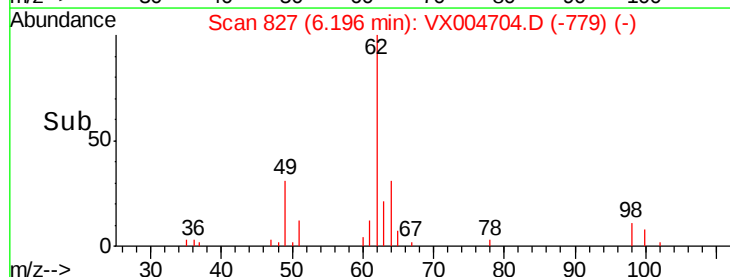
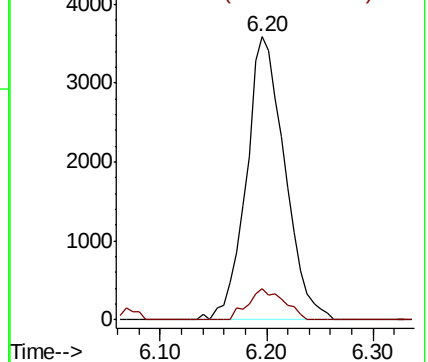
Ion Ratio Lower Upper

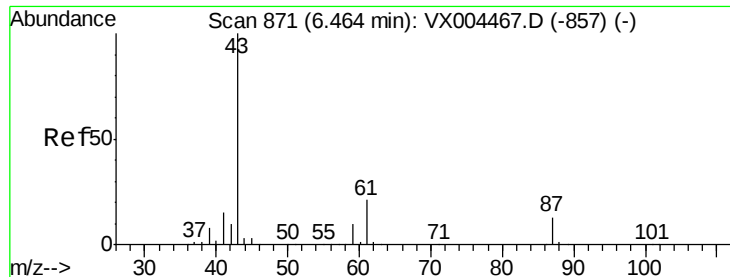
62 100

98 10.2 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: 2.90 ug/l

RT: 6.38 min Scan# 858

Delta R.T. -0.08 min

Lab File: VX004704.D

Acq: 19 Sep 2018 14:32

Instrument :

MSVOA_X

ClientSampleId :

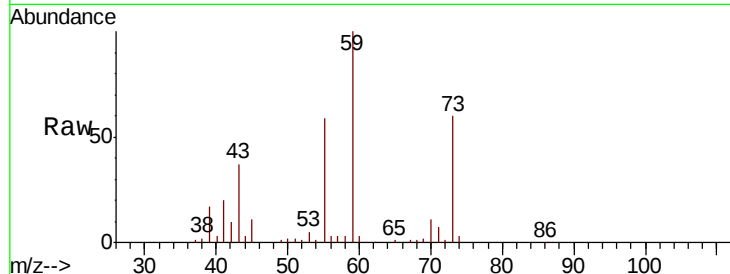
Tot Ion: 43 Resp: 19069

Ion Ratio Lower Upper

43 100

61 0.7 17.0 25.4#

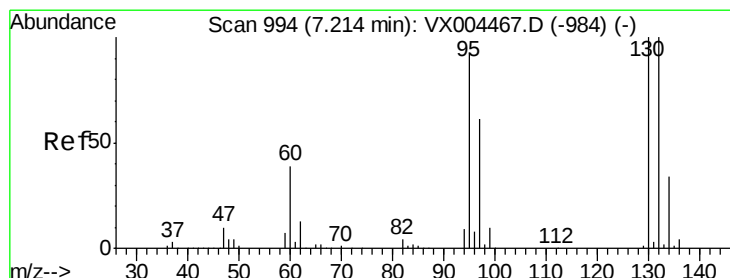
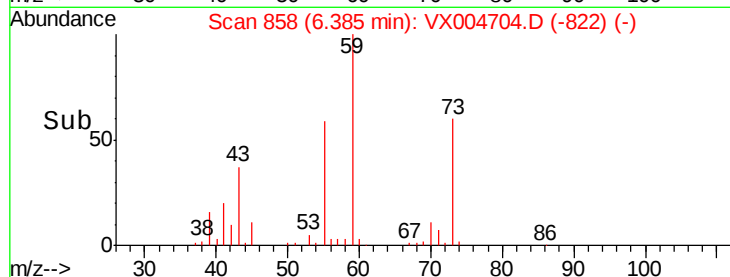
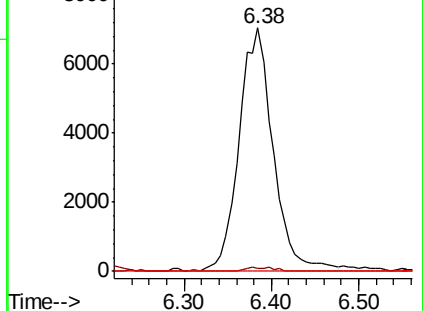
87 0.0 11.4 17.2#



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: 0.95 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX004704.D

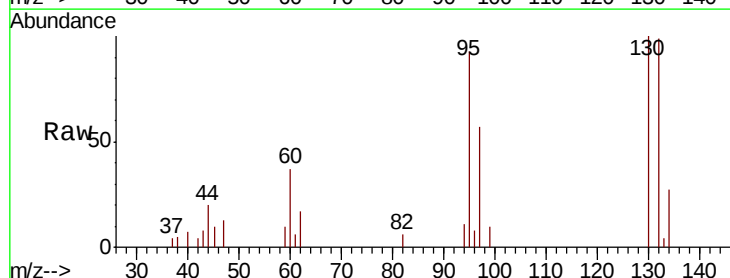
Acq: 19 Sep 2018 14:32

Tgt Ion:130 Resp: 3200

Ion Ratio Lower Upper

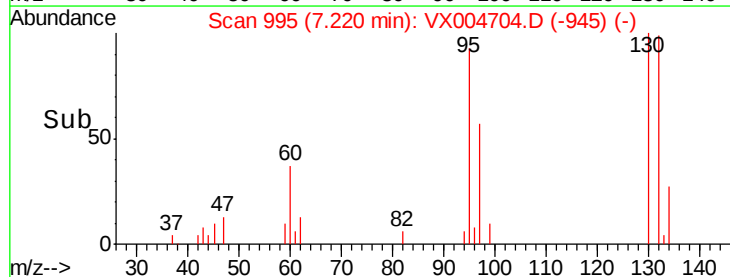
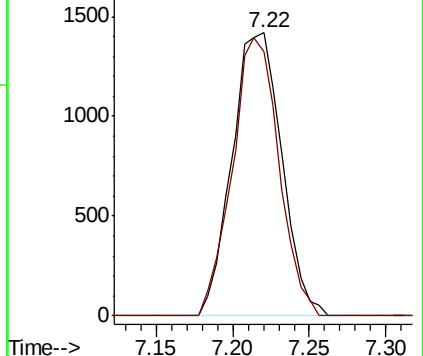
130 100

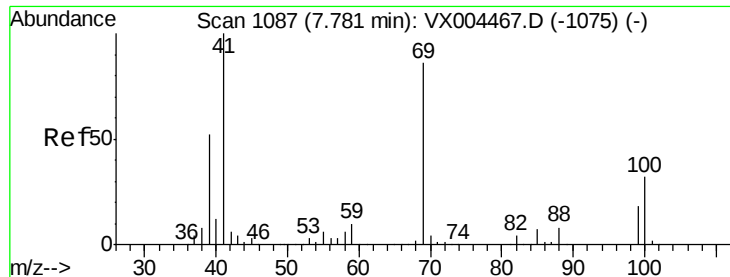
95 93.2 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#48

Methyl methacrylate

Concen: 0.27 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.03 min

Lab File: VX004704.D

Acq: 19 Sep 2018 14:32

Instrument :
MSVOA_X
ClientSampled :

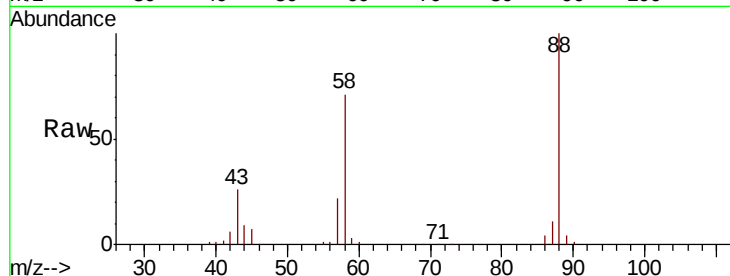
Tot Ion: 41 Resp: 891

Ion Ratio Lower Upper

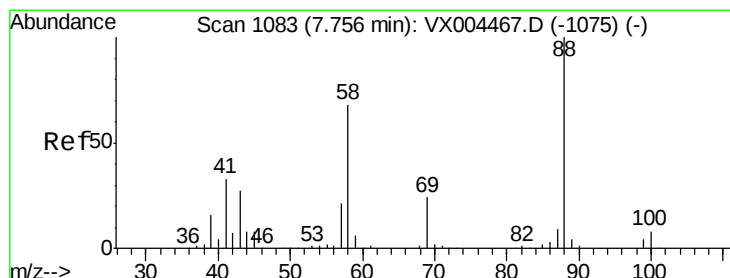
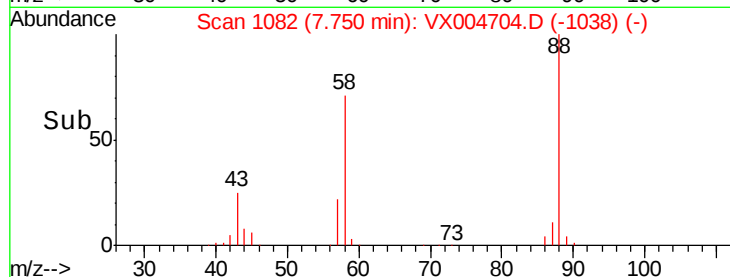
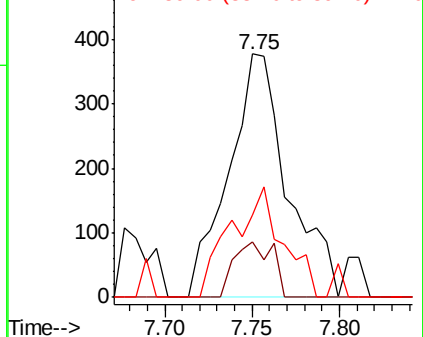
41 100

69 14.8 70.2 105.4#

39 39.7 42.7 64.1#



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0



#49

1,4-Dioxane

Concen: 562.34 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.00 min

Lab File: VX004704.D

Acq: 19 Sep 2018 14:32

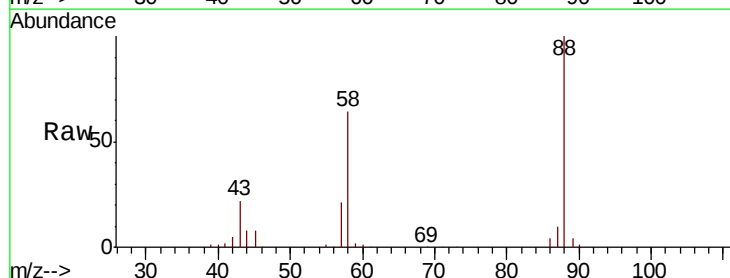
Tgt Ion: 88 Resp: 43361

Ion Ratio Lower Upper

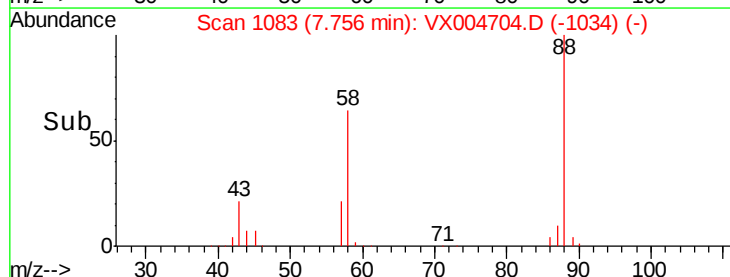
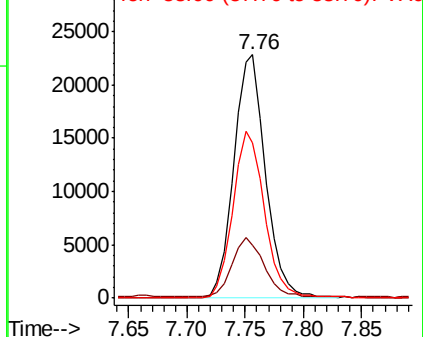
88 100

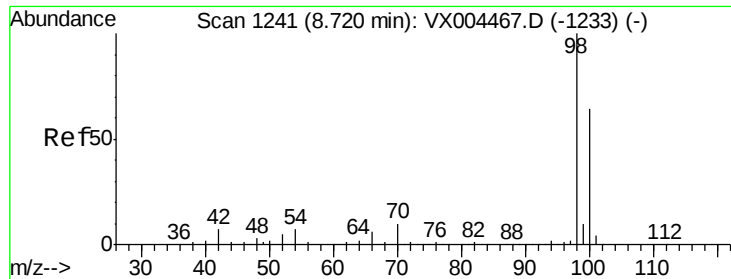
43 24.2 24.7 37.1#

58 68.8 55.3 82.9



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 44.40 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004704.D

Acq: 19 Sep 2018 14:32

Instrument :

MSVOA_X

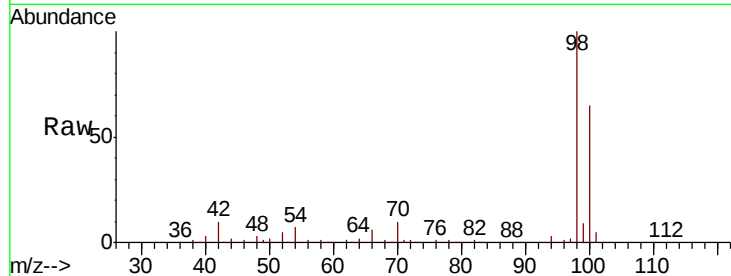
ClientSampleId :

Tot Ion: 98 Resp: 489131

Ion Ratio Lower Upper

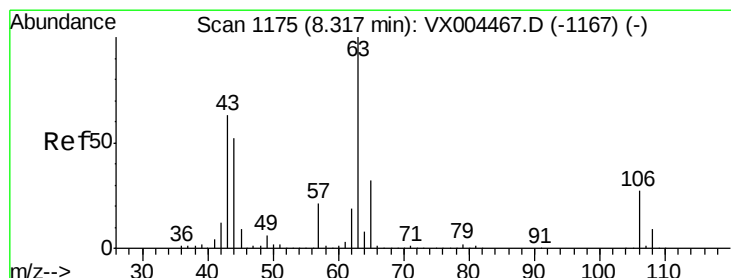
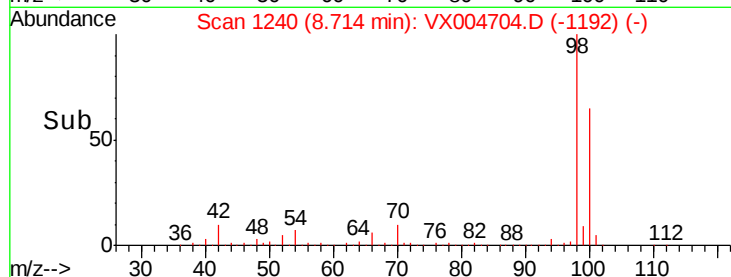
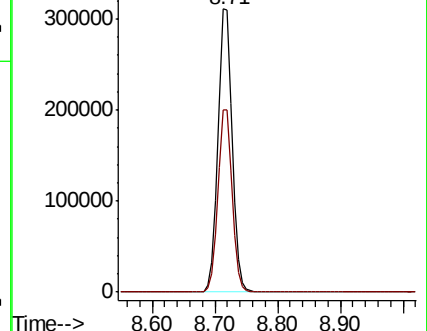
98 100

100 64.3 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#58

2-Chloroethyl Vinyl ether

Concen: 7.35 ug/l

RT: 8.37 min Scan# 1183

Delta R.T. 0.05 min

Lab File: VX004704.D

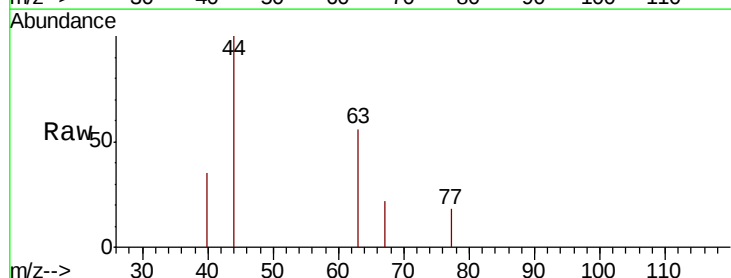
Acq: 19 Sep 2018 14:32

Tgt Ion: 63 Resp: 196

Ion Ratio Lower Upper

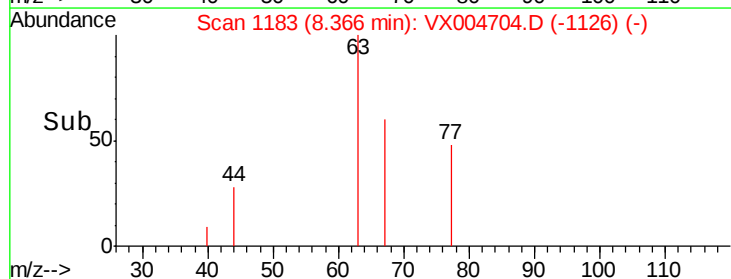
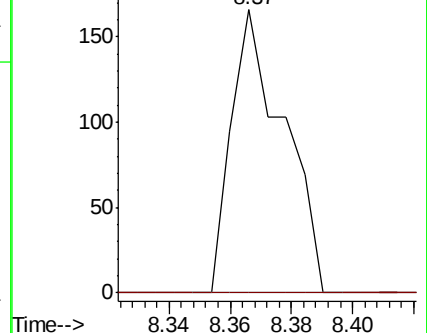
63 100

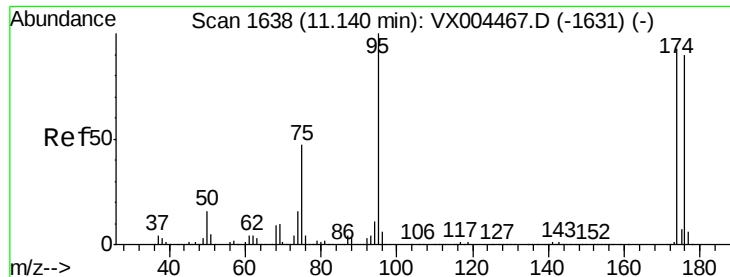
106 0.0 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





#62

4-Bromofluorobenzene

Concen: 44.04 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004704.D

Acq: 19 Sep 2018 14:32

Instrument :

MSVOA_X

ClientSampleId :

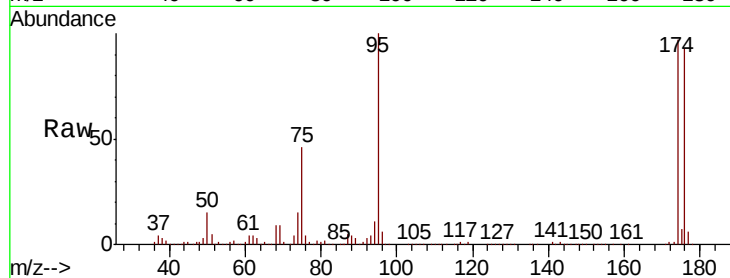
Tot Ion: 95 Resp: 173148

Ion Ratio Lower Upper

95 100

174 93.9 0.0 185.2

176 91.5 0.0 178.6

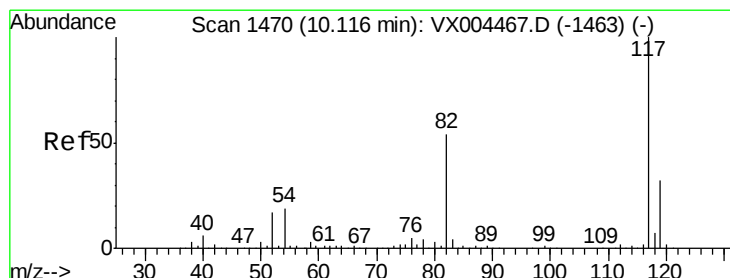
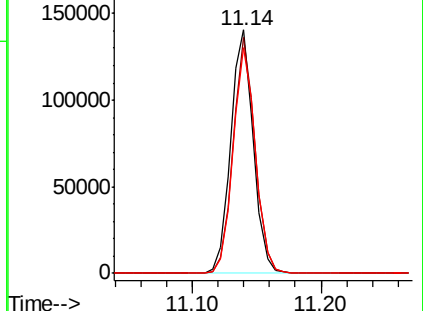
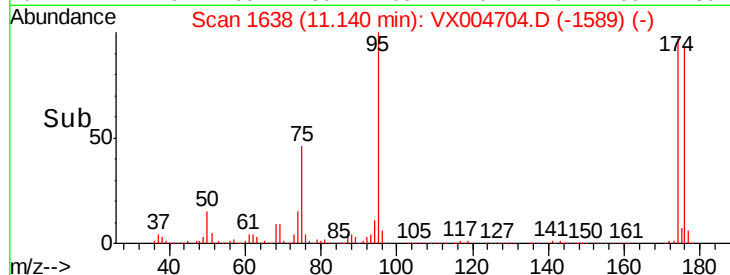


Abundance Ion 94.90 (94.60 to 95.60): VX004467.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX004467.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX004467.D (-1631) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX004704.D

Acq: 19 Sep 2018 14:32

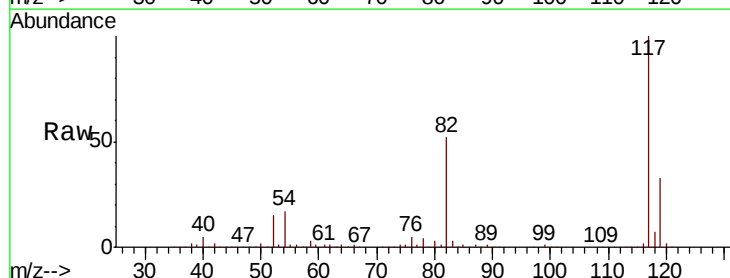
Tgt Ion: 117 Resp: 326809

Ion Ratio Lower Upper

117 100

82 52.2 47.8 71.6

119 32.6 29.3 43.9

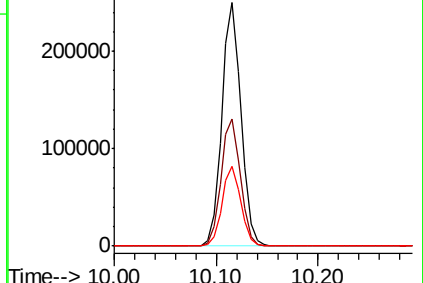
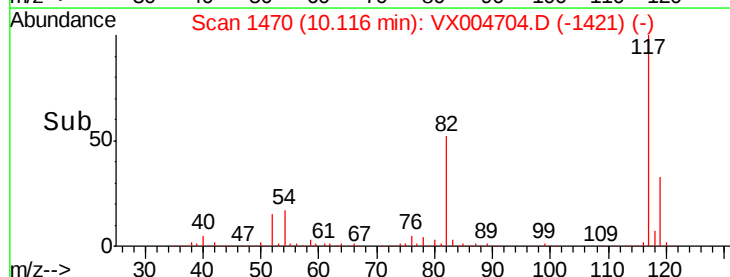


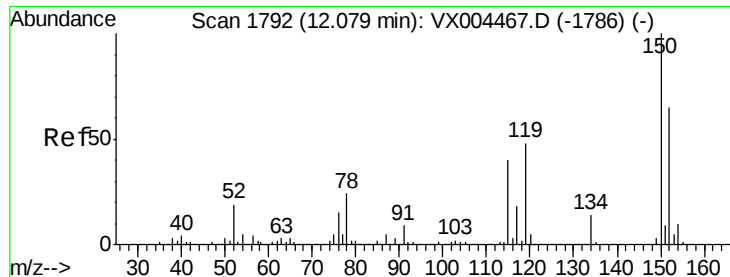
Abundance Ion 116.90 (116.60 to 117.60): VX004467.D (-1463) (-)

Ion 82.00 (81.70 to 82.70): VX004467.D (-1463) (-)

Ion 118.90 (118.60 to 119.60): VX004467.D (-1463) (-)

Time-->



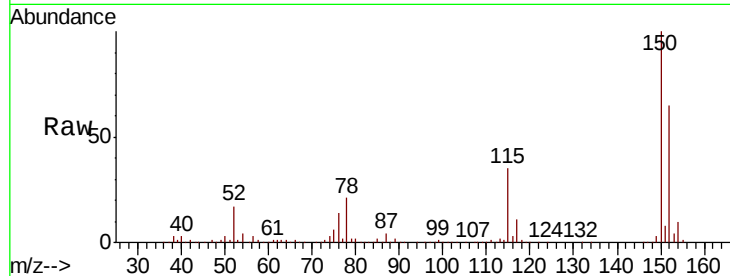


#72

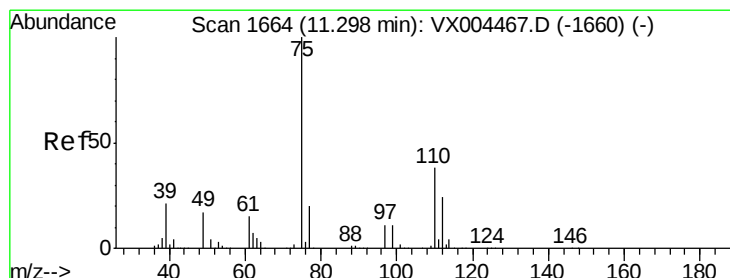
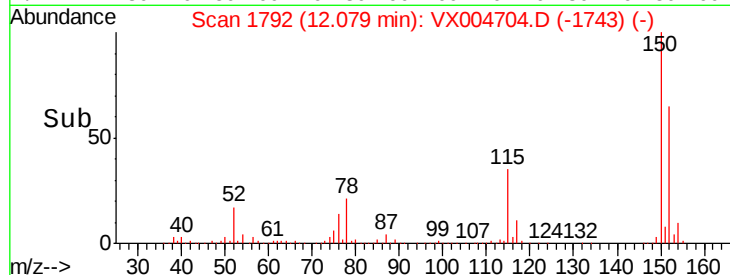
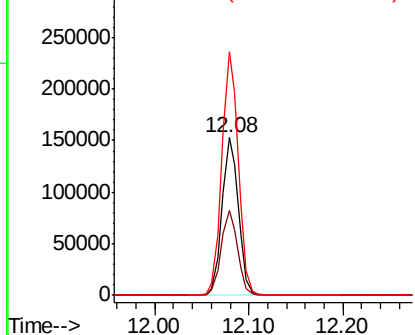
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:152 Resp: 183733
Ion Ratio Lower Upper
152 100
115 53.9 39.0 117.0
150 155.6 0.0 351.0



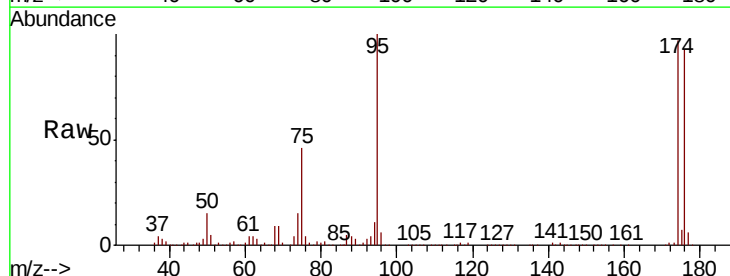
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



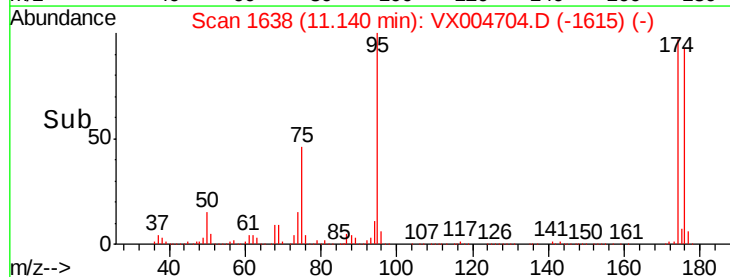
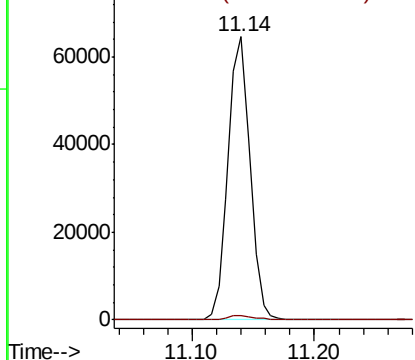
#76

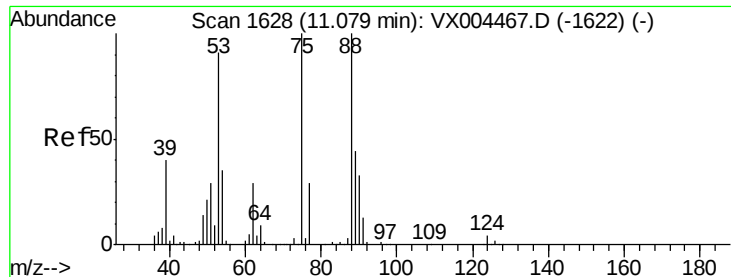
1,2,3-Trichloropropane
Concen: 21.75 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Tgt Ion: 75 Resp: 80406
Ion Ratio Lower Upper
75 100
77 1.9 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: 69.33 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004704.D

Acq: 19 Sep 2018 14:32

Instrument :

MSVOA_X

ClientSampleId :

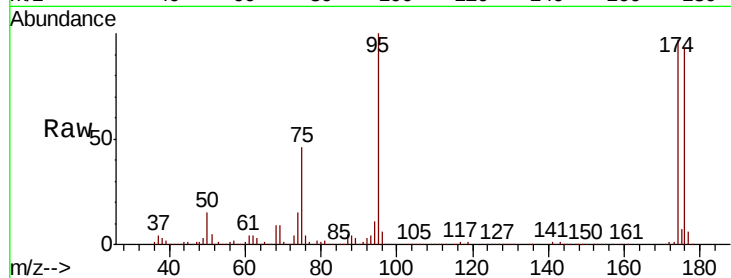
Tot Ion: 75 Resp: 80406

Ion Ratio Lower Upper

75 100

53 2.0 80.1 120.1#

89 9.5 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

