

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091418\
 Data File : VX004555.D
 Acq On : 15 Sep 2018 01:24
 Operator : JC/MD
 Sample : VX0914WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0914WBL02

Quant Time: Sep 15 06:05:15 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	247202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	332324	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	306395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165637	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	157213	49.32	ug/l	0.00
Spiked Amount			Recovery	=	98.64%	
35) Dibromofluoromethane	5.50	113	148193	48.73	ug/l	0.00
Spiked Amount			Recovery	=	97.46%	
50) Toluene-d8	8.72	98	479445	47.01	ug/l	0.00
Spiked Amount			Recovery	=	94.02%	
62) 4-Bromofluorobenzene	11.14	95	157090	43.15	ug/l	0.00
Spiked Amount			Recovery	=	86.30%	

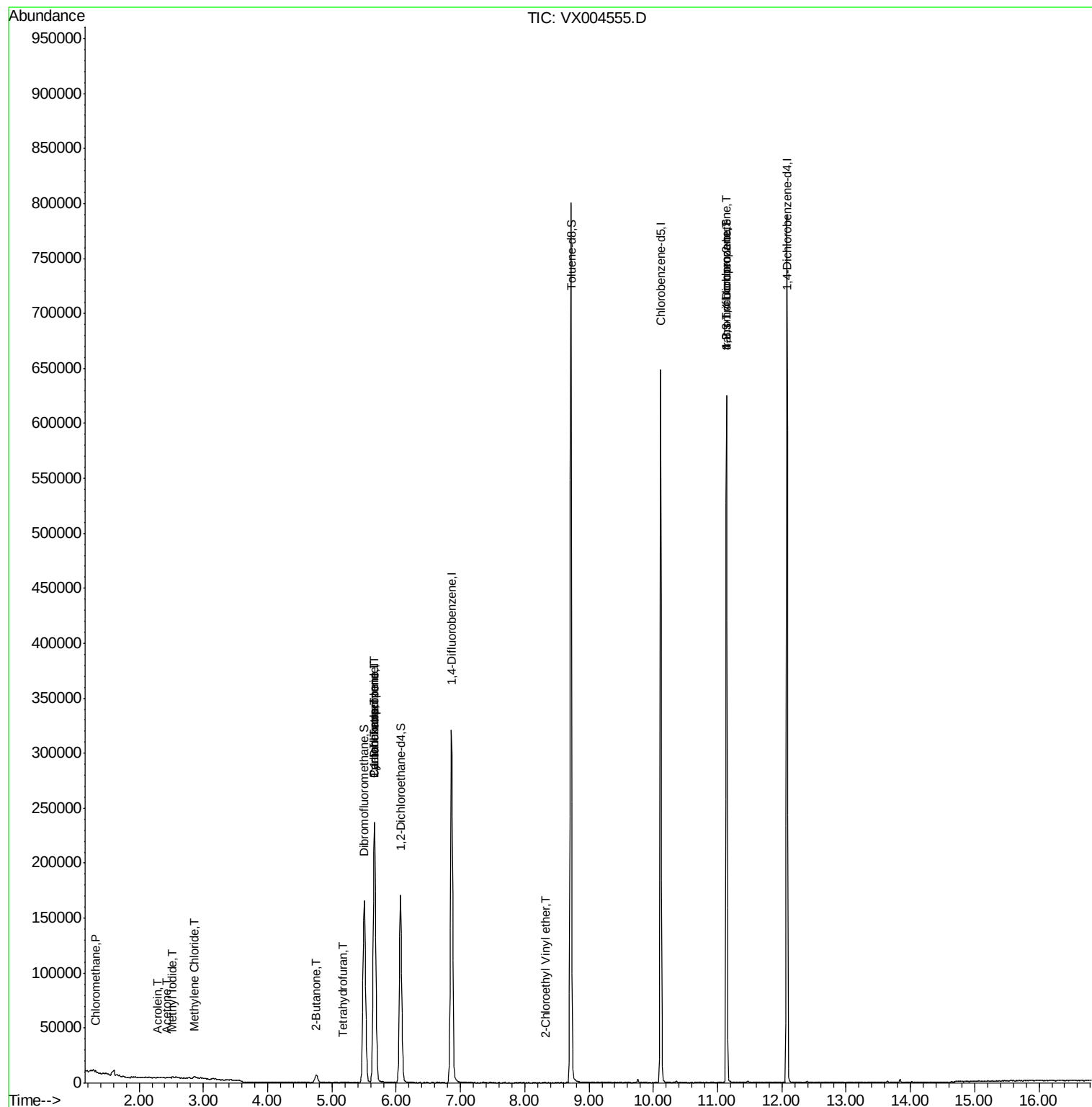
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	682	0.21	ug/l	89
5) Bromomethane	1.65	94	1189	Below Cal	#	80
10) Methyl Iodide	2.52	142	1011	4.54	ug/l #	98
13) Acrolein	2.29	56	201	0.67	ug/l	89
16) Acetone	2.44	43	834	0.54	ug/l	99
20) Methylene Chloride	2.85	84	823	0.26	ug/l	93
25) 2-Butanone	4.75	43	507	0.20	ug/l #	47
29) Tetrahydrofuran	5.18	42	612	0.41	ug/l #	57
31) Cyclohexane	5.66	56	4217	0.91	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	16248	4.03	ug/l #	49
38) Carbon Tetrachloride	5.67	117	21709	5.51	ug/l #	15
58) 2-Chloroethyl Vinyl ether	8.33	63	22	7.28	ug/l #	45
76) 1,2,3-Trichloropropane	11.14	75	74584	22.38	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.14	75	74584	71.34	ug/l #	10

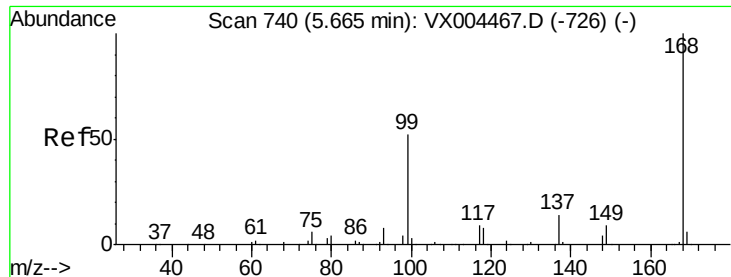
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :
VX0914WBL02

Quant Time: Sep 15 06:05:15 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
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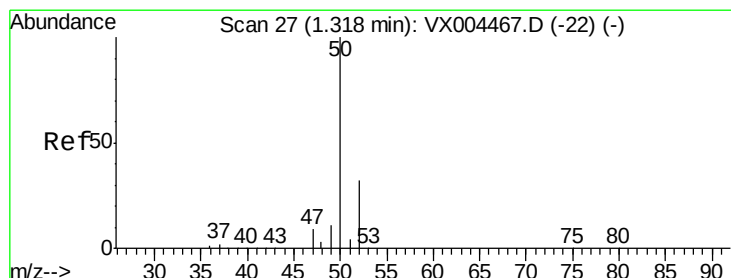
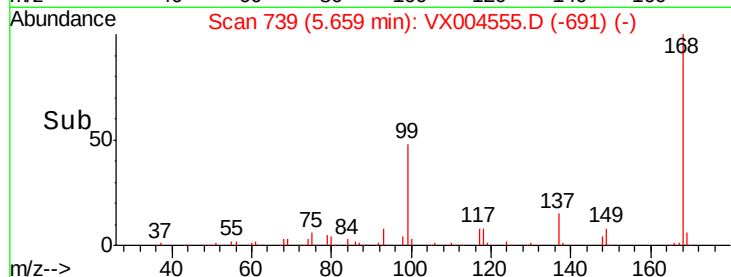
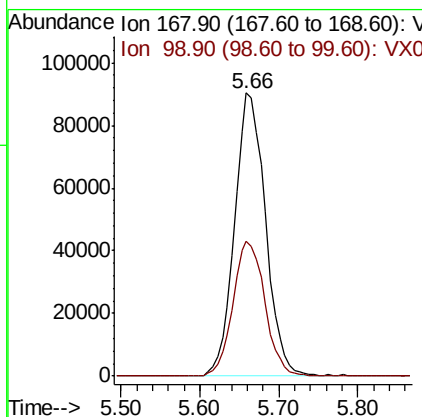
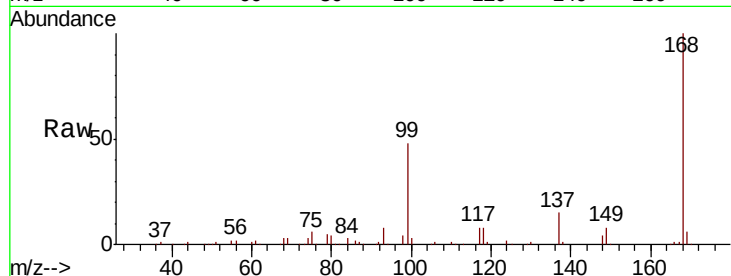




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX004555.D
Acq: 15 Sep 2018 01:24

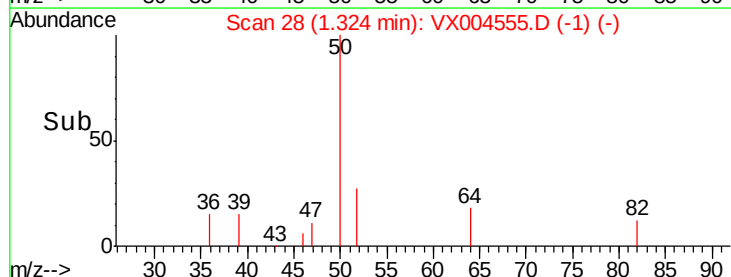
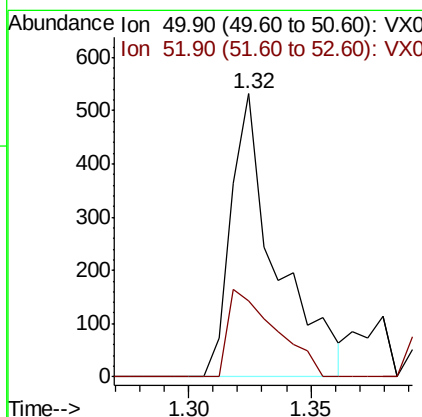
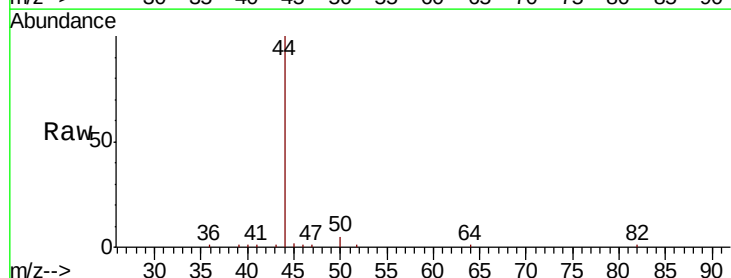
Instrument :
MSVOA_X
ClientSampleId :
VX0914WBL02

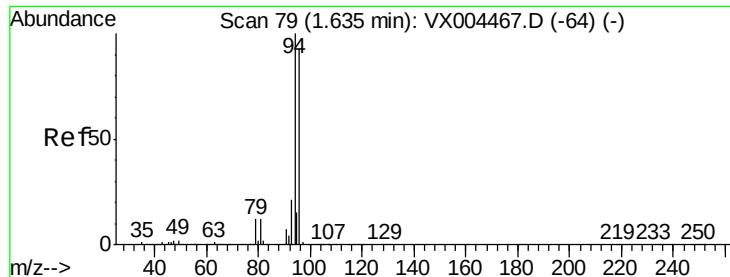
Tot Ion:168 Resp: 247202
Ion Ratio Lower Upper
168 100
99 47.9 39.9 59.9



#3
Chloromethane
Concen: 0.21 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.01 min
Lab File: VX004555.D
Acq: 15 Sep 2018 01:24

Tgt Ion: 50 Resp: 682
Ion Ratio Lower Upper
50 100
52 26.7 26.2 39.2





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX004555.D

Acq: 15 Sep 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

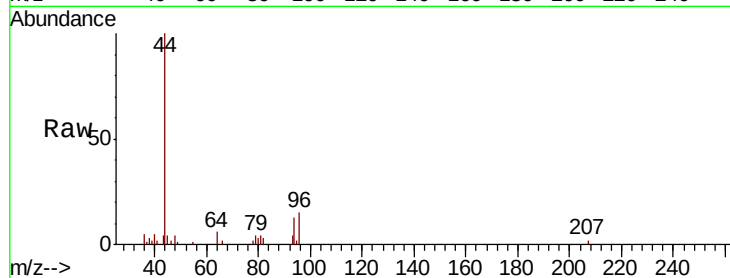
VX0914WBL02

Tot Ion: 94 Resp: 1189

Ion Ratio Lower Upper

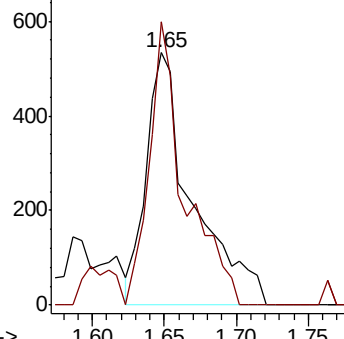
94 100

96 112.0 74.5 111.7#

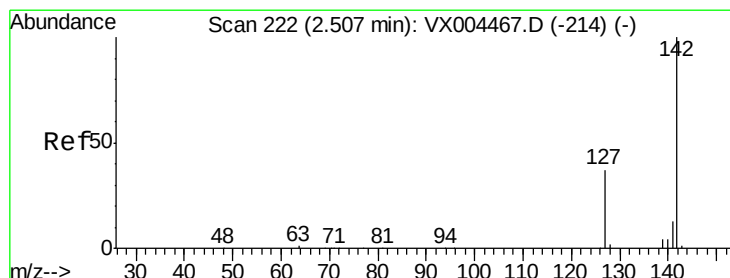
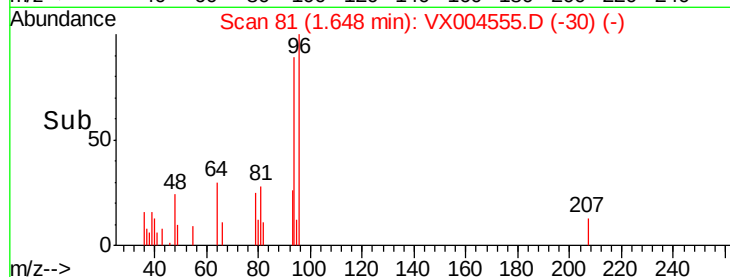


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#10

Methyl Iodide

Concen: 4.54 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX004555.D

Acq: 15 Sep 2018 01:24

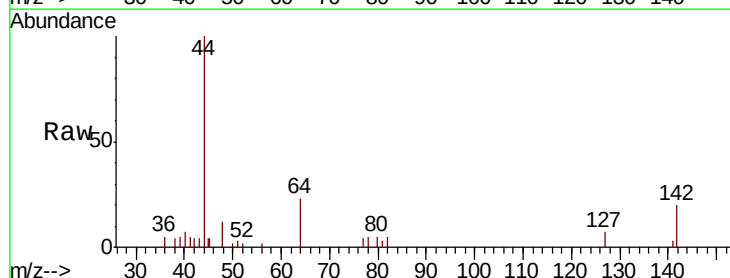
Tgt Ion: 142 Resp: 1011

Ion Ratio Lower Upper

142 100

127 42.1 33.8 50.6

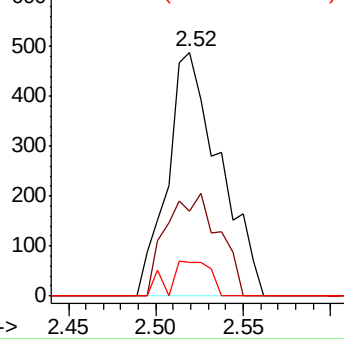
141 11.2 11.4 17.0#



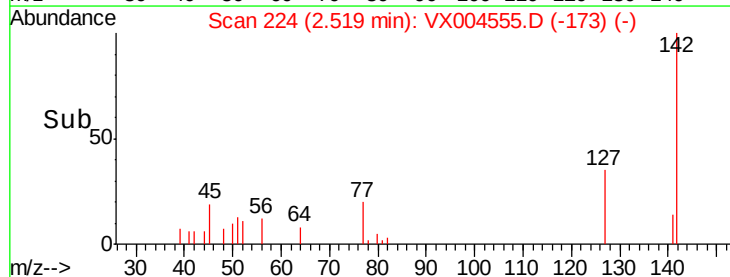
Abundance Ion 141.80 (141.50 to 142.50): V

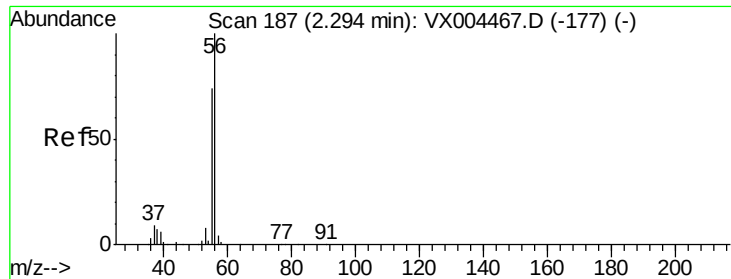
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time-->





#13

Acrolein

Concen: 0.67 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX004555.D

Acq: 15 Sep 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

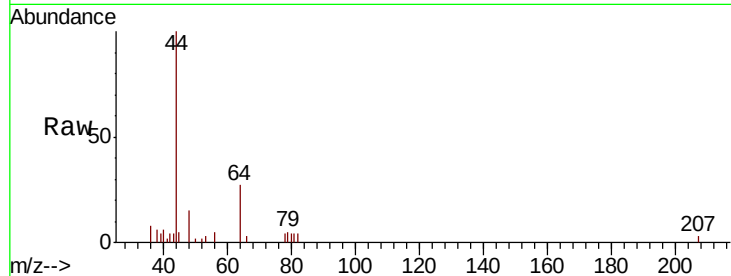
VX0914WBL02

Tot Ion: 56 Resp: 201

Ion Ratio Lower Upper

56 100

55 77.1 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

120

100

80

60

40

20

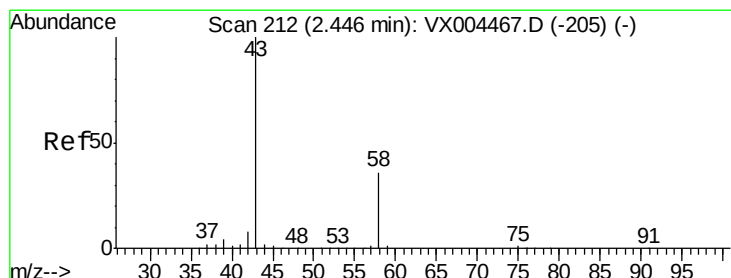
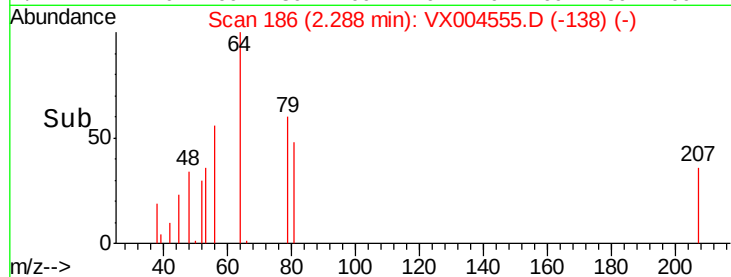
0

Time-->

2.25

2.30

2.35



#16

Acetone

Concen: 0.54 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004555.D

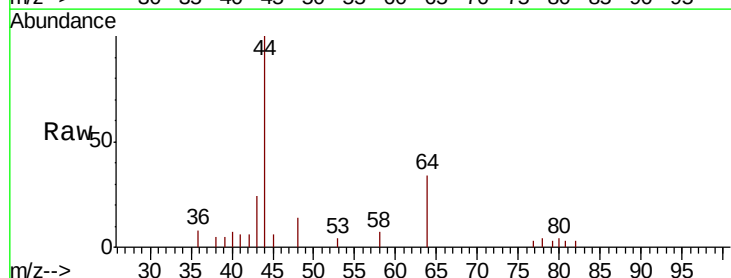
Acq: 15 Sep 2018 01:24

Tgt Ion: 43 Resp: 834

Ion Ratio Lower Upper

43 100

58 33.4 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

500

400

300

200

100

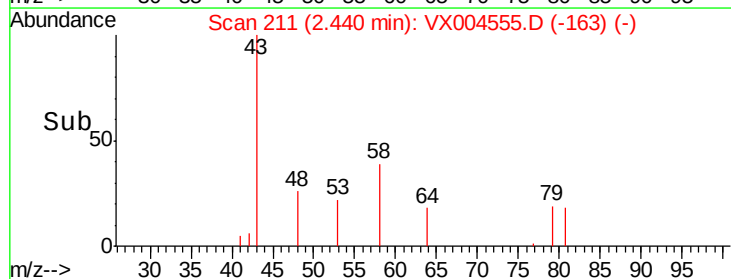
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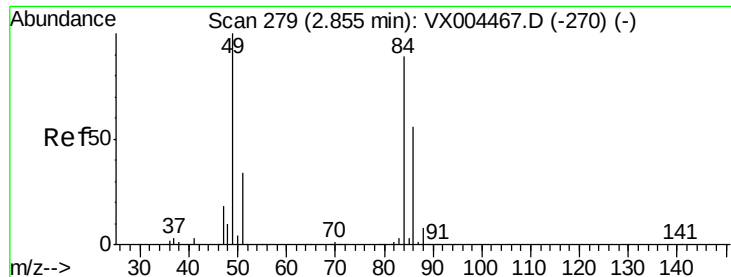
Time-->

2.40

2.45

2.50

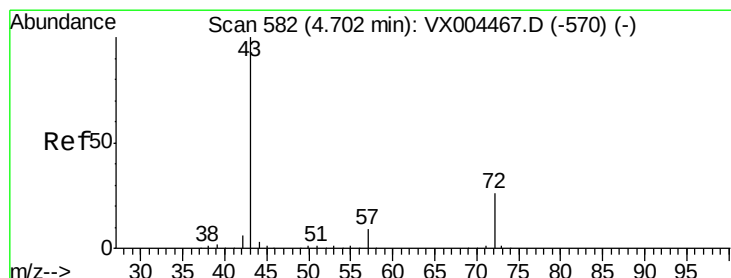
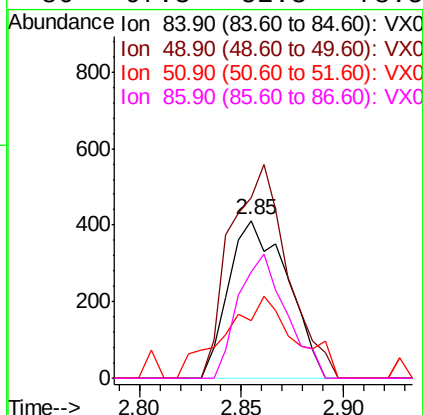
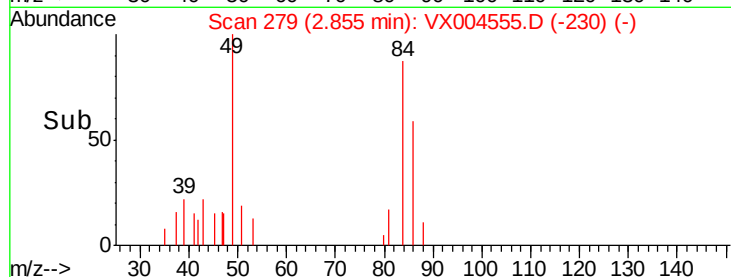
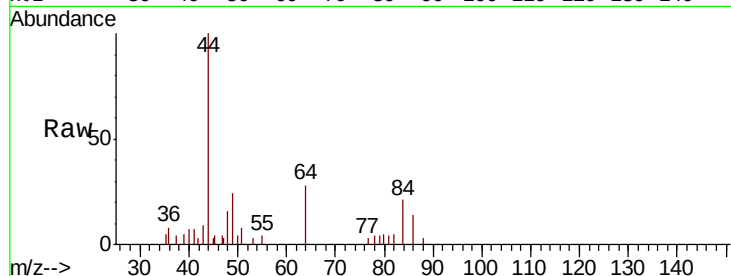




#20
Methvlene Chloride
Concen: 0.26 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004555.D
Acq: 15 Sep 2018 01:24

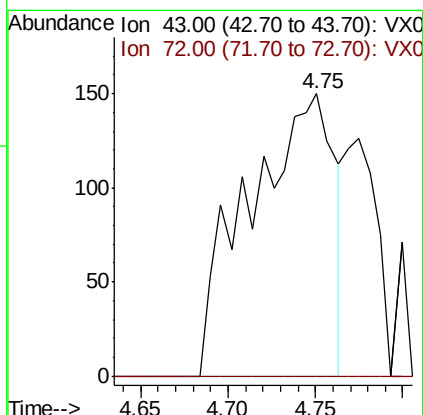
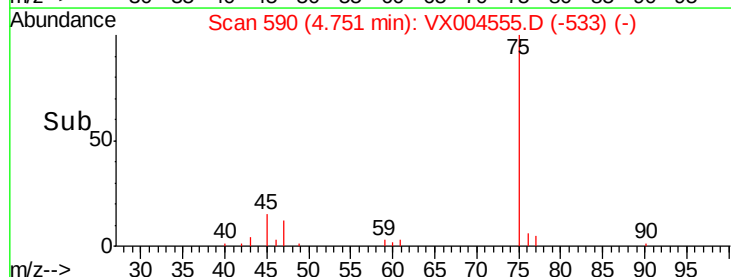
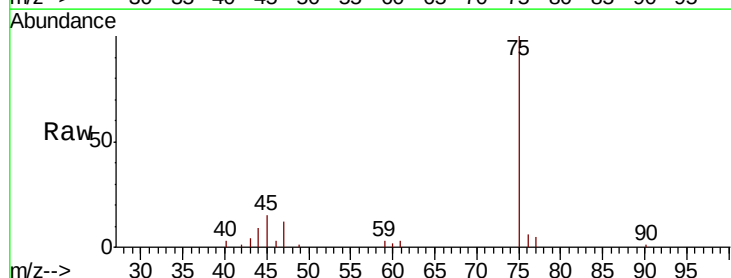
Instrument :
MSVOA_X
ClientSampleId :
VX0914WBL02

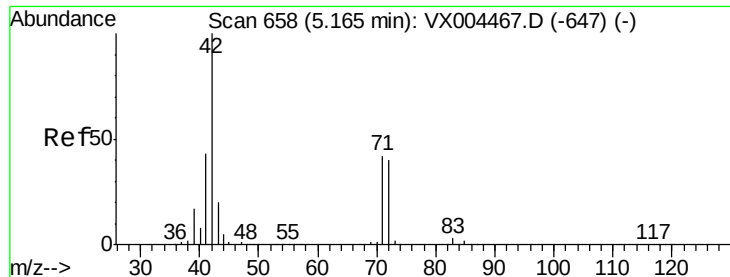
Tot Ion:	84	Resp:	823
Ion	Ratio	Lower	Upper
84	100		
49	114.5	101.2	151.8
51	36.3	29.5	44.3
86	67.3	52.3	78.5



#25
2-Butanone
Concen: 0.20 ug/l
RT: 4.75 min Scan# 590
Delta R.T. 0.05 min
Lab File: VX004555.D
Acq: 15 Sep 2018 01:24

Tgt Ion:	43	Resp:	507
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.0	33.0#





#29

Tetrahydrofuran

Concen: 0.41 ug/l

RT: 5.18 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX004555.D

Acq: 15 Sep 2018 01:24

Instrument :

MSVOA_X

ClientSampled :

VX0914WBL02

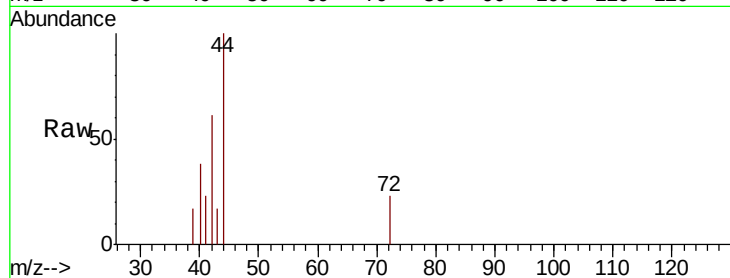
Tot Ion: 42 Resp: 612

Ion Ratio Lower Upper

42 100

72 26.0 37.4 56.0#

71 7.2 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

5.18

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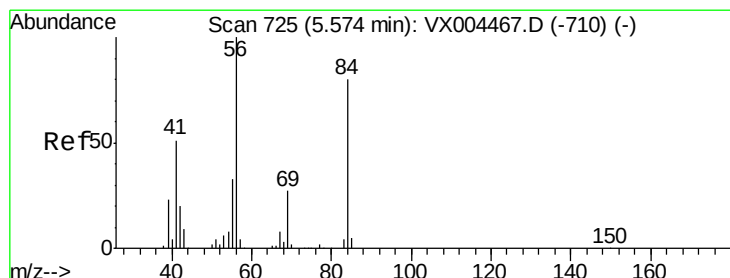
5.18

5.18

5.18

5.18

Time-->



#31

Cyclohexane

Concen: 0.91 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.09 min

Lab File: VX004555.D

Acq: 15 Sep 2018 01:24

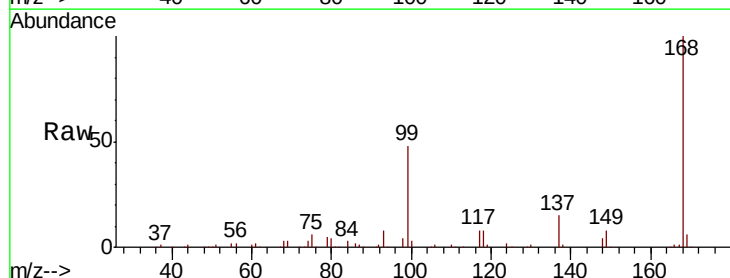
Tgt Ion: 56 Resp: 4217

Ion Ratio Lower Upper

56 100

69 172.7 25.4 38.2#

84 184.2 71.4 107.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

5.66

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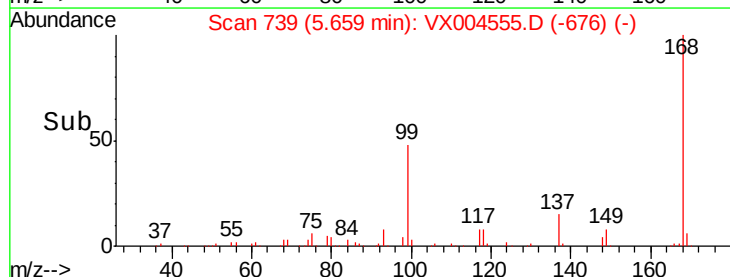
5.66

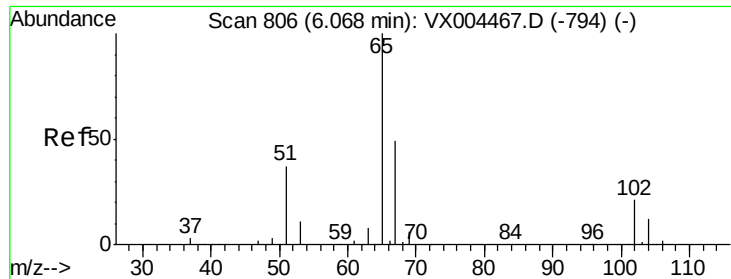
5.66

5.66

5.66

Time-->

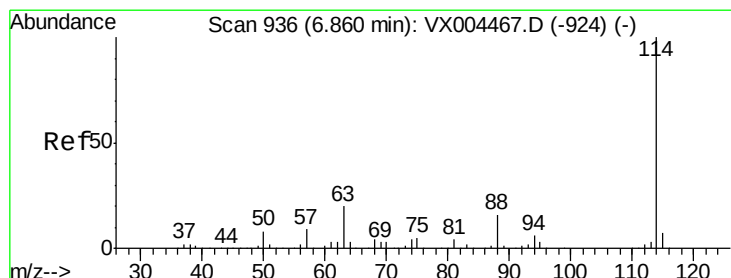
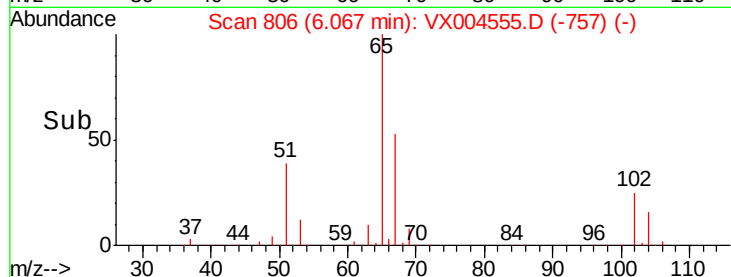
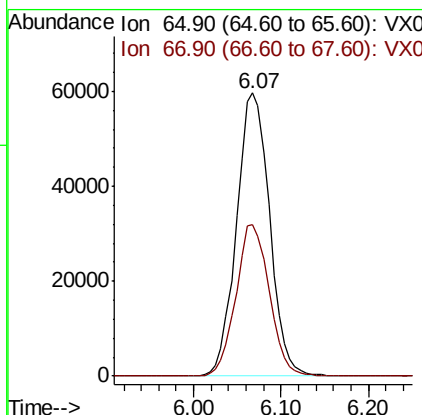
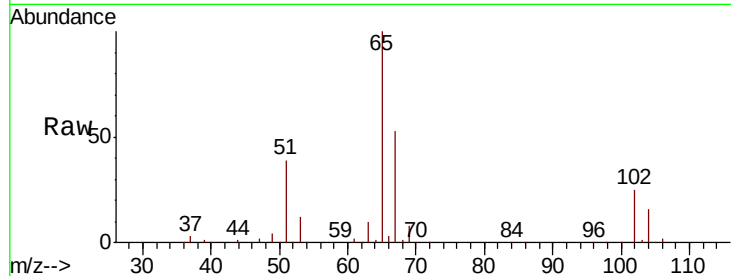




#33
 1,2-Dichloroethane-d4
 Concen: 49.32 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004555.D
 Acq: 15 Sep 2018 01:24

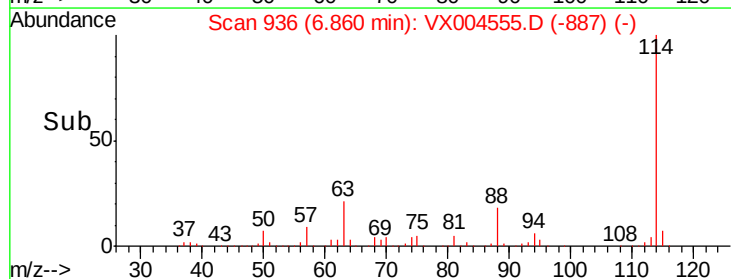
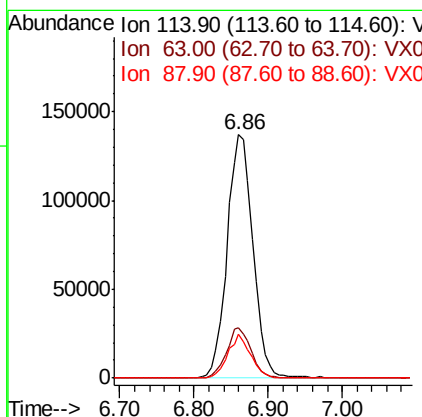
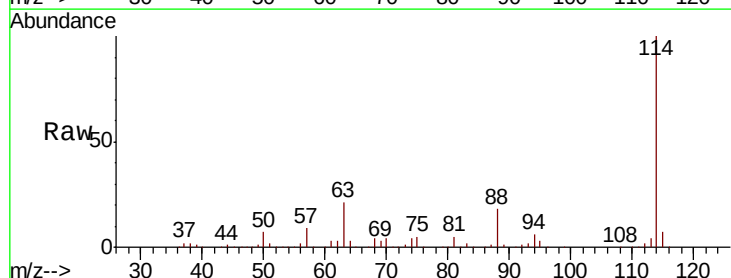
Instrument :
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 VX0914WBL02

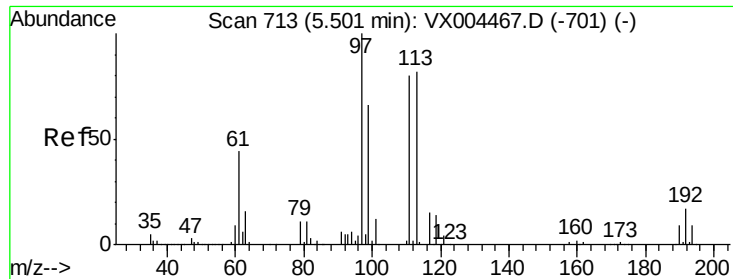
Tot Ion: 65 Resp: 157213
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004555.D
 Acq: 15 Sep 2018 01:24

Tgt Ion: 114 Resp: 332324
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 39.0
 88 18.3 0.0 30.4

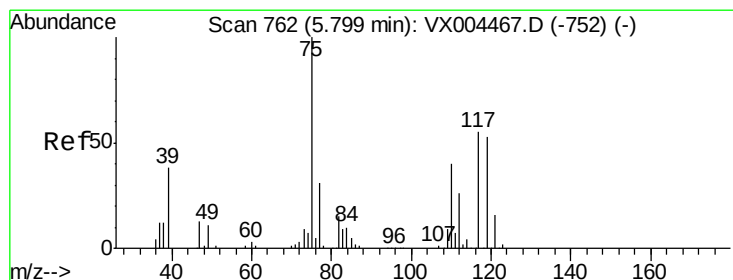
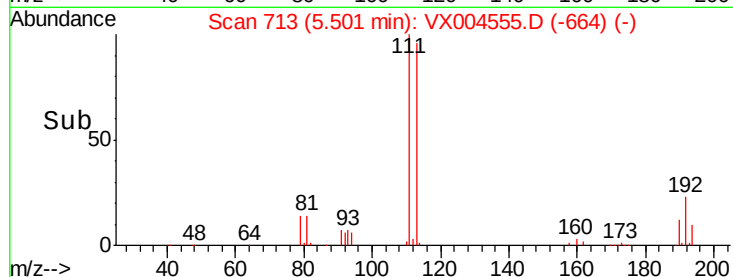
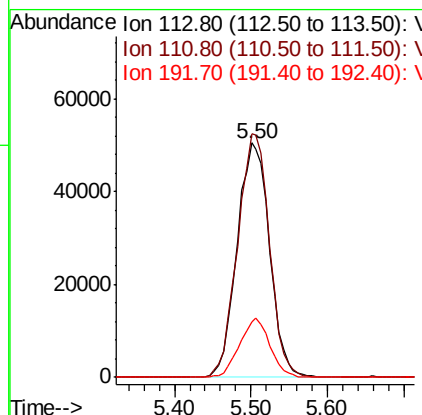
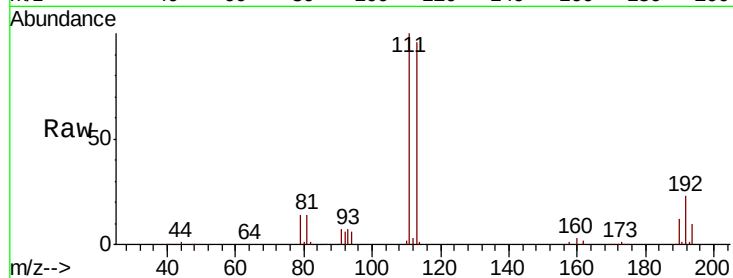




#35
 Dibromofluoromethane
 Concen: 48.73 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004555.D
 Acq: 15 Sep 2018 01:24

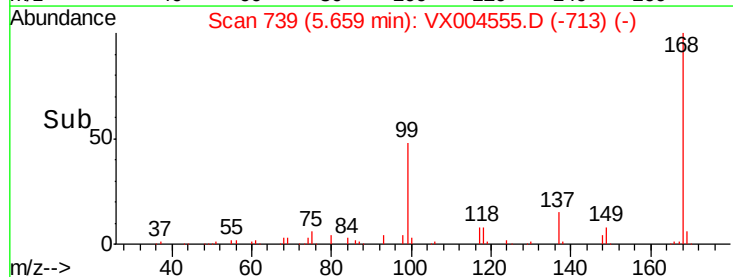
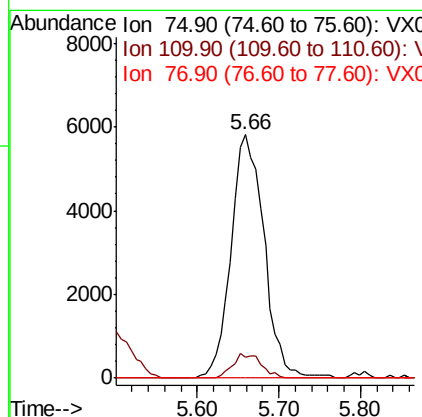
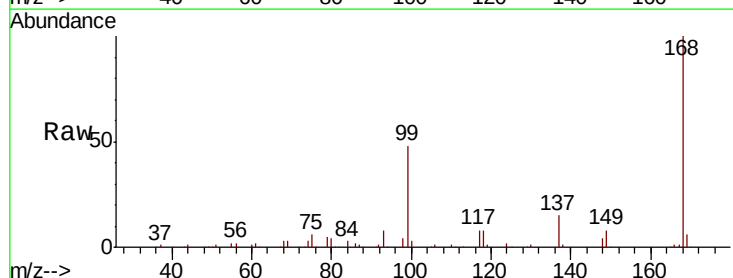
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0914WBL02

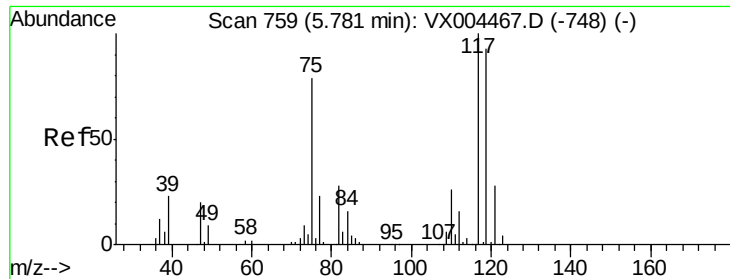
Tot Ion:113 Resp: 148193
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.4 123.6
 192 23.6 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 4.03 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX004555.D
 Acq: 15 Sep 2018 01:24

Tgt Ion: 75 Resp: 16248
 Ion Ratio Lower Upper
 75 100
 110 8.5 18.0 54.0#
 77 0.0 24.6 36.8#

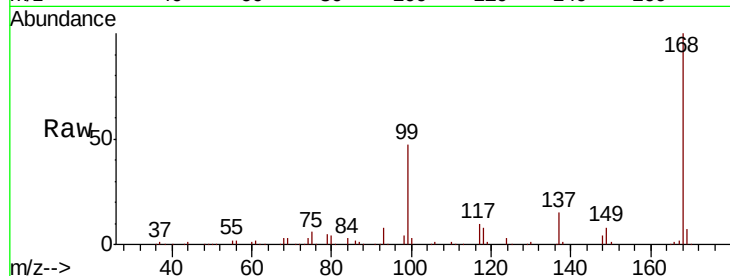




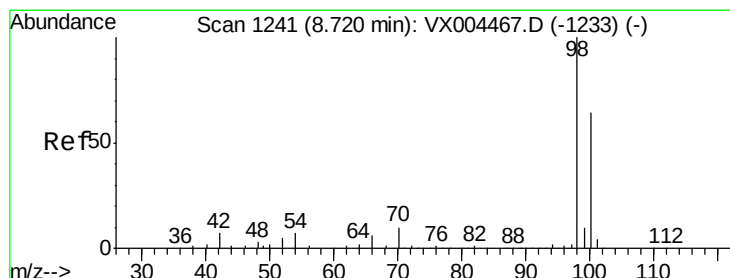
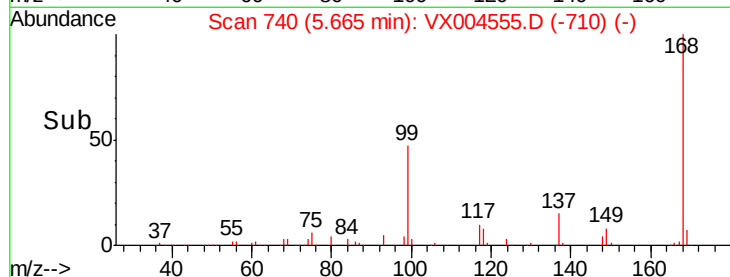
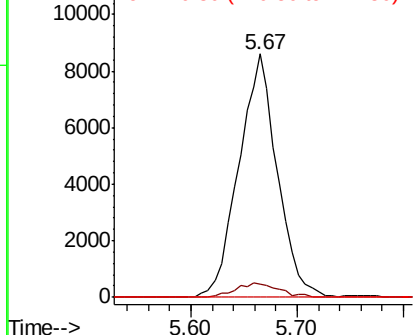
#38
Carbon Tetrachloride
Concen: 5.51 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX004555.D
Acq: 15 Sep 2018 01:24

Instrument :
MSVOA_X
ClientSampleId :
VX0914WBL02

Tot Ion:117 Resp: 21709
Ion Ratio Lower Upper
117 100
119 5.6 78.8 118.2#
121 0.0 24.9 37.3#

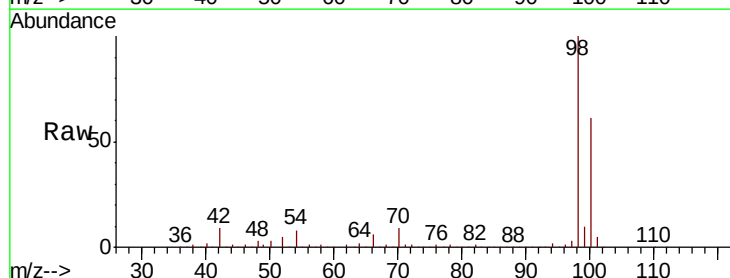


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

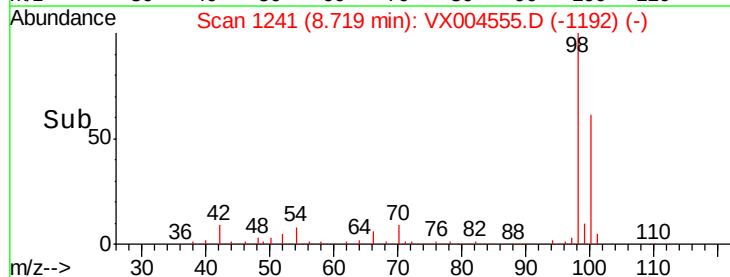
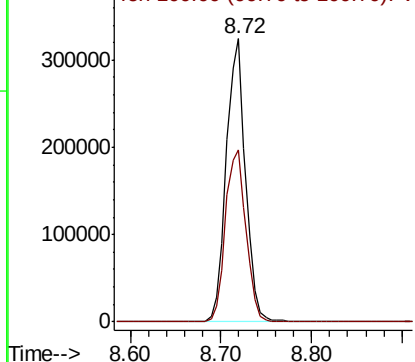


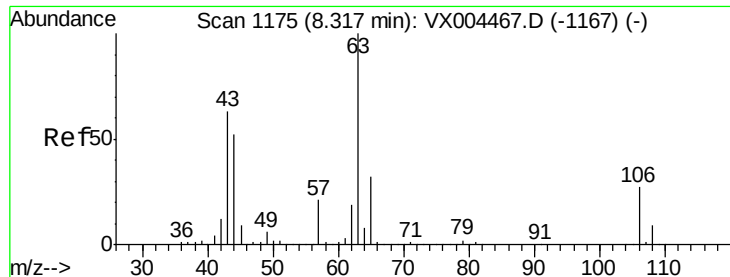
#50
Toluene-d8
Concen: 47.01 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004555.D
Acq: 15 Sep 2018 01:24

Tgt Ion: 98 Resp: 479445
Ion Ratio Lower Upper
98 100
100 64.8 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: 7.28 ug/l

RT: 8.33 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VX004555.D

Acq: 15 Sep 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

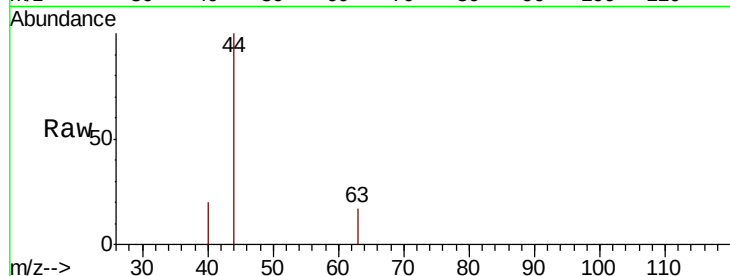
VX0914WBL02

Tot Ion: 63 Resp: 22

Ion Ratio Lower Upper

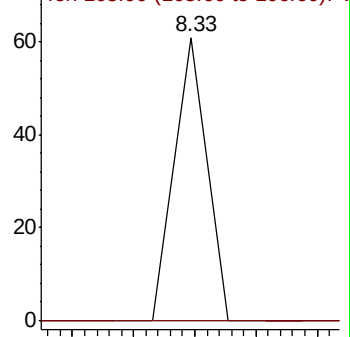
63 100

106 0.0 23.9 35.9#

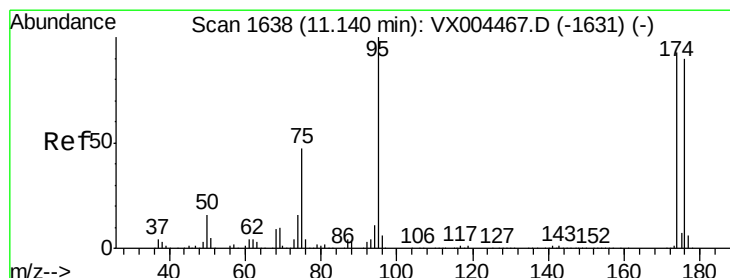
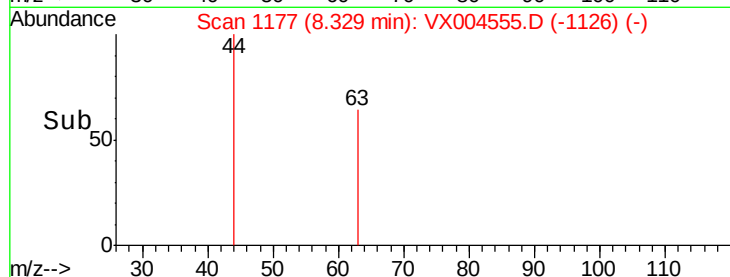


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V



Time-->



#62

4-Bromofluorobenzene

Concen: 43.15 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004555.D

Acq: 15 Sep 2018 01:24

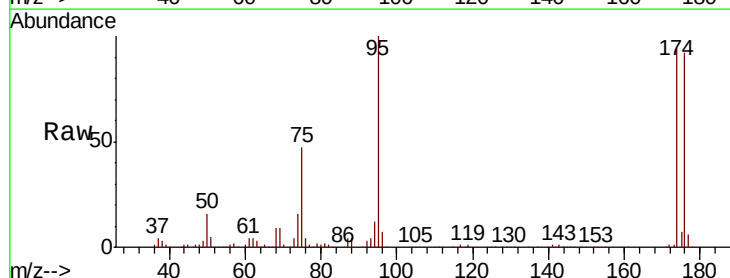
Tgt Ion: 95 Resp: 157090

Ion Ratio Lower Upper

95 100

174 93.0 0.0 185.2

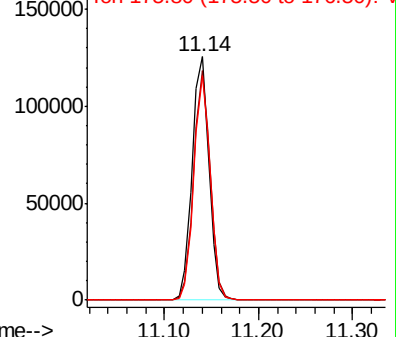
176 90.1 0.0 178.6



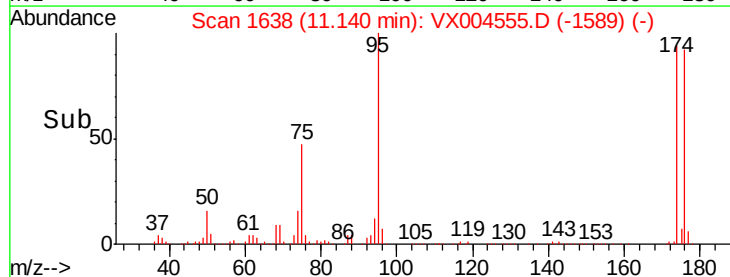
Abundance Ion 94.90 (94.60 to 95.60): VX0

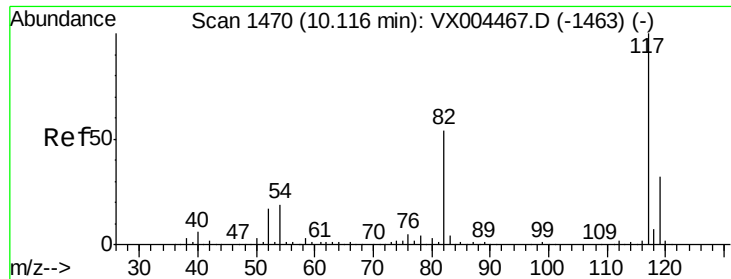
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

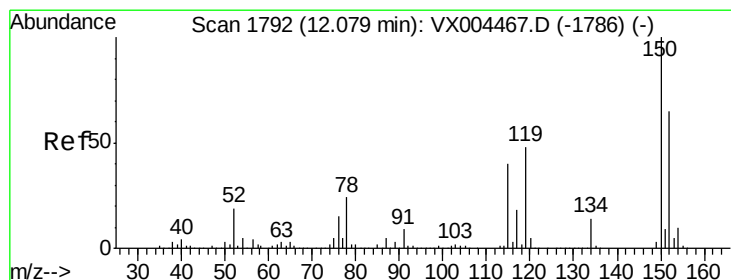
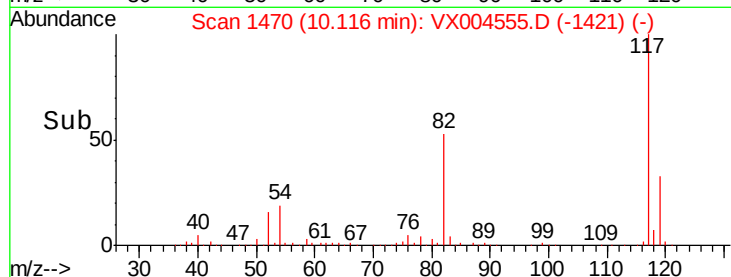
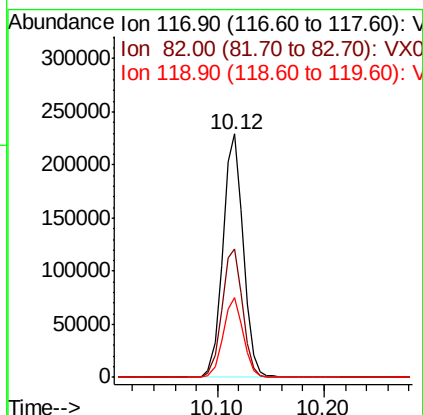
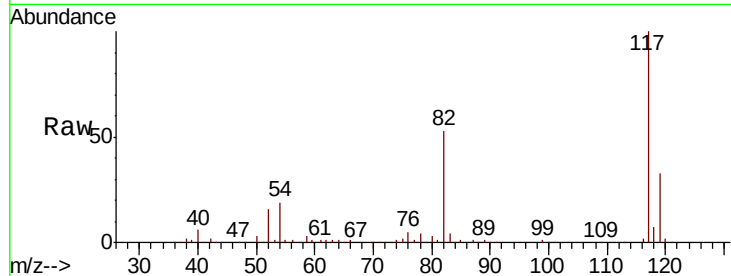




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004555.D
Acq: 15 Sep 2018 01:24

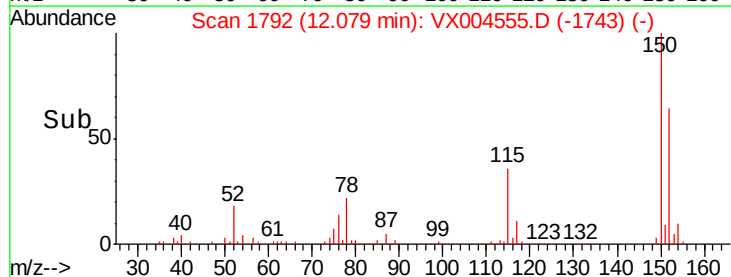
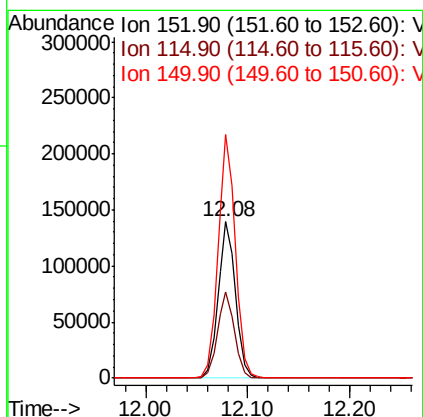
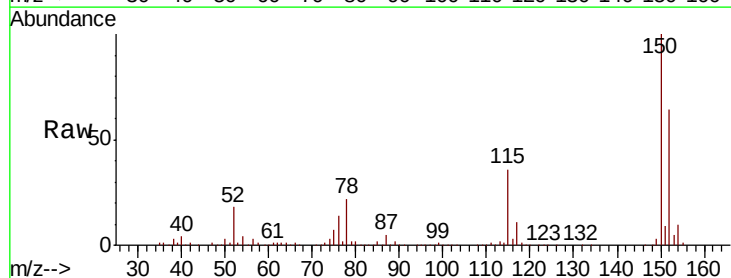
Instrument :
MSVOA_X
ClientSampleId :
VX0914WBL02

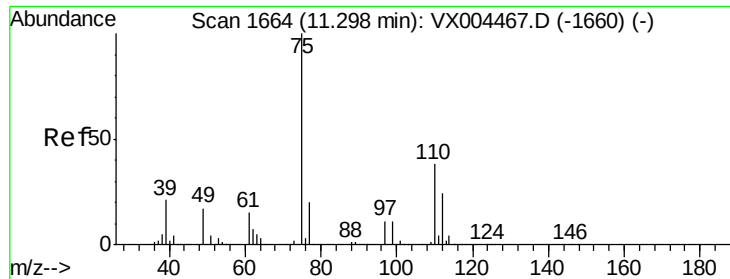
Tot Ion:117 Resp: 306395
Ion Ratio Lower Upper
117 100
82 52.7 47.8 71.6
119 32.5 29.3 43.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004555.D
Acq: 15 Sep 2018 01:24

Tgt Ion:152 Resp: 165637
Ion Ratio Lower Upper
152 100
115 54.5 39.0 117.0
150 155.9 0.0 351.0

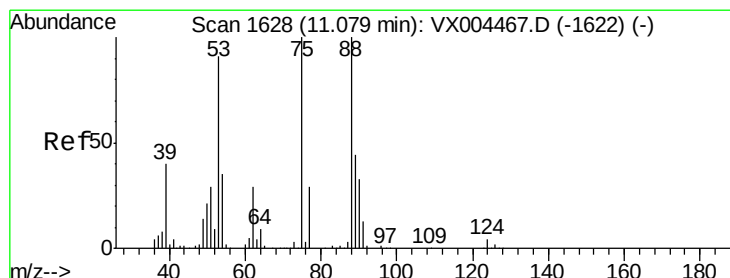
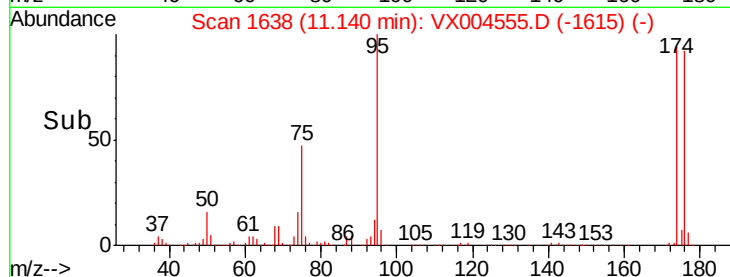
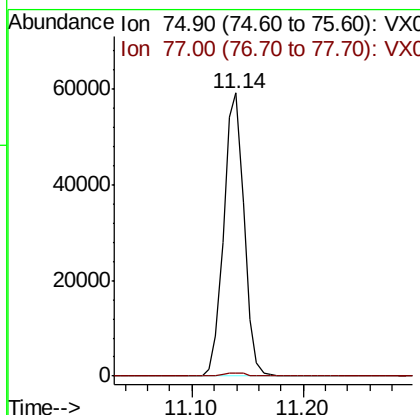
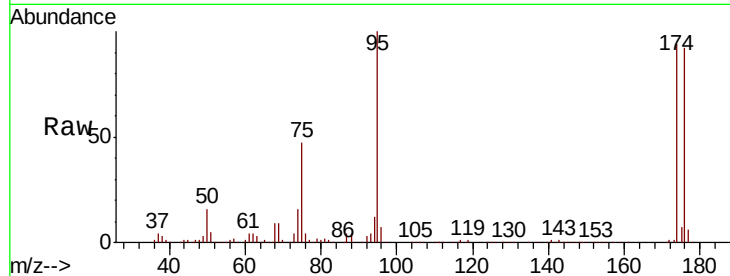




#76
 1,2,3-Trichloropropane
 Concen: 22.38 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX004555.D
 Acq: 15 Sep 2018 01:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0914WBL02

Tot Ion: 75 Resp: 74584
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.2 60.6#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.34 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.06 min
 Lab File: VX004555.D
 Acq: 15 Sep 2018 01:24

Tgt Ion: 75 Resp: 74584
 Ion Ratio Lower Upper
 75 100
 53 0.2 80.1 120.1#
 89 0.0 37.2 55.8#

