

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102618\
 Data File : VX005642.D
 Acq On : 27 Oct 2018 08:40
 Operator : JC/MD
 Sample : J5712-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9-102418

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	233893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	338695	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	144905	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	147212	51.56	ug/l	0.00
Spiked Amount			Recovery	=	103.12%	
35) Dibromofluoromethane	5.50	113	116544	50.82	ug/l	0.00
Spiked Amount			Recovery	=	101.64%	
50) Toluene-d8	8.71	98	392797	47.67	ug/l	0.00
Spiked Amount			Recovery	=	95.34%	
62) 4-Bromofluorobenzene	11.14	95	133082	42.76	ug/l	0.00
Spiked Amount			Recovery	=	85.52%	

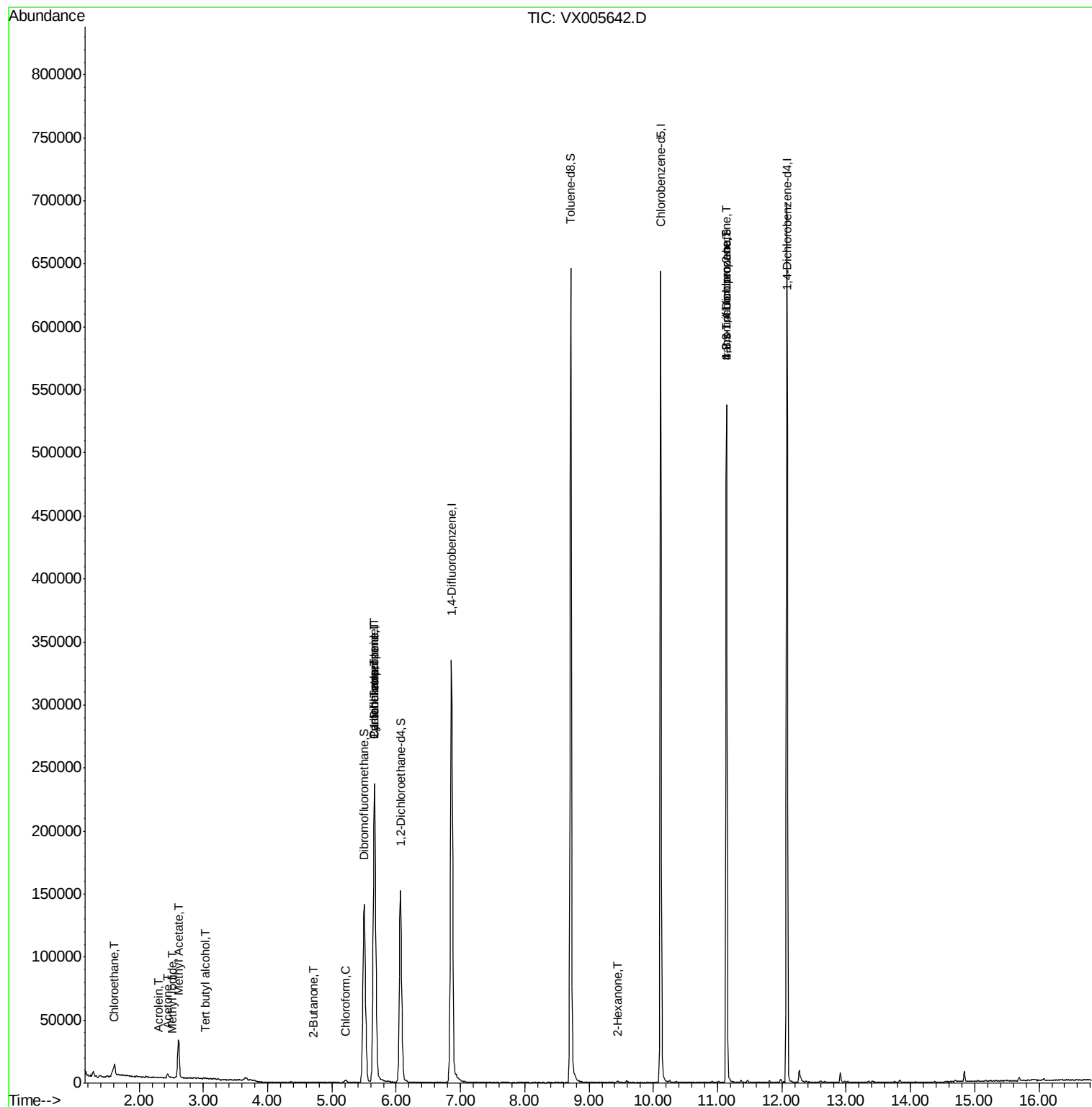
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.61	64	4214	2.282	ug/l #	55
10) Methyl Iodide	2.52	142	157	2.787	ug/l #	79
11) Tert butyl alcohol	3.03	59	901	1.173	ug/l #	72
13) Acrolein	2.30	56	118	0.301	ug/l #	8
16) Acetone	2.45	43	3710	2.459	ug/l	91
18) Methyl Acetate	2.61	43	8117	0.738	ug/l #	55
25) 2-Butanone	4.71	43	462	0.201	ug/l #	51
30) Chloroform	5.21	83	1957	0.450	ug/l #	78
31) Cyclohexane	5.67	56	4241	1.102	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	16986	5.168	ug/l #	49
38) Carbon Tetrachloride	5.67	117	22079	6.378	ug/l #	16
59) 2-Hexanone	9.45	43	732	0.220	ug/l #	26
76) 1,2,3-Trichloropropane	11.14	75	67493	21.983	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.14	75	67493	71.831	ug/l #	9

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

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Quant Time: Oct 29 00:52:52 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005642.D

Acq: 27 Oct 2018 08:40

Instrument :

MSVOA_X

ClientSampleId :

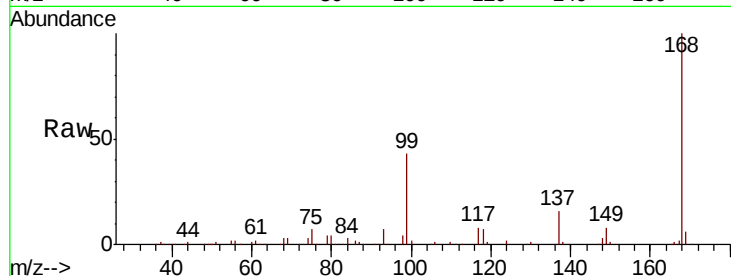
MW-9-102418

Tot Ion:168 Resp: 233893

Ion Ratio Lower Upper

168 100

99 43.3 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

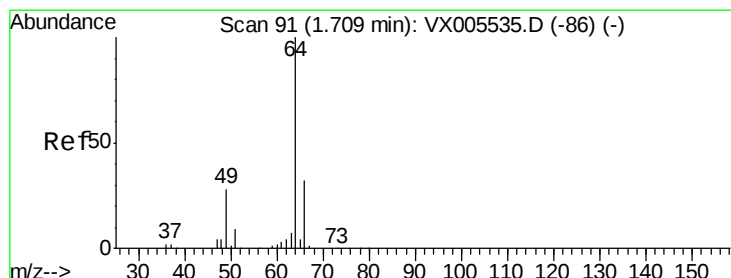
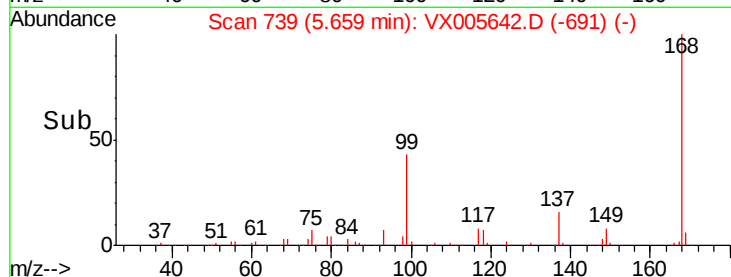
40000

20000

0

Time-->

5.60 5.70 5.80



#6

Chloroethane

Concen: 2.282 ug/l

RT: 1.61 min Scan# 74

Delta R.T. -0.10 min

Lab File: VX005642.D

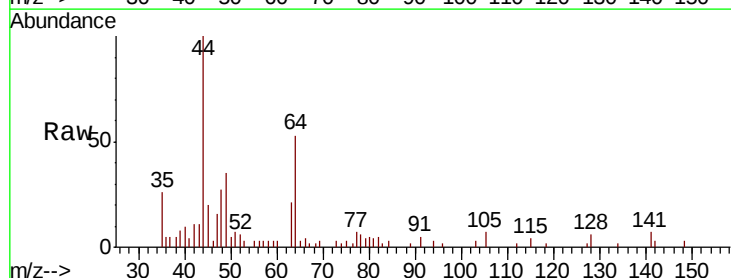
Acq: 27 Oct 2018 08:40

Tgt Ion: 64 Resp: 4214

Ion Ratio Lower Upper

64 100

66 6.8 25.8 38.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

2000

1500

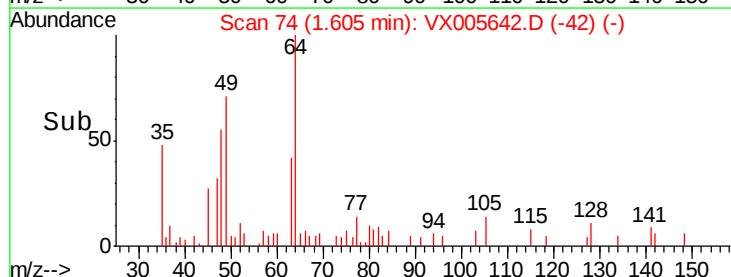
1000

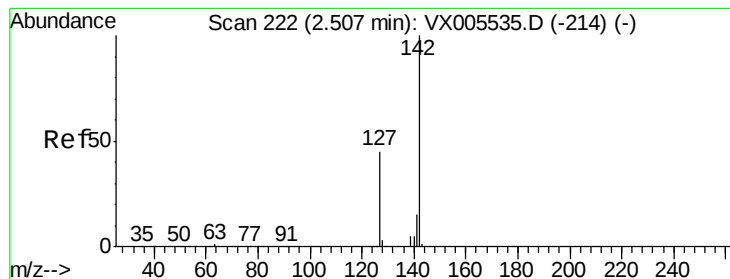
500

0

Time-->

1.45 1.50 1.55 1.60 1.65





#10

Methyl Iodide

Concen: 2.787 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX005642.D

Acq: 27 Oct 2018 08:40

Instrument :

MSVOA_X

ClientSampleId :

MW-9-102418

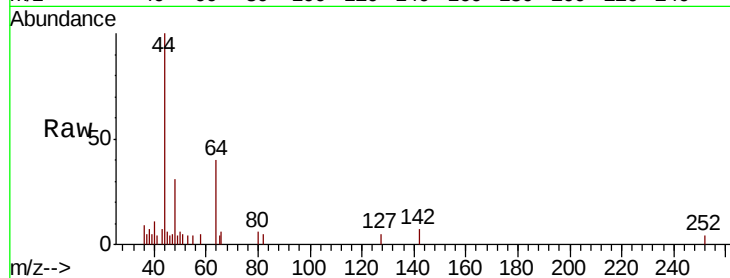
Tot Ion:142 Resp: 157

Ion Ratio Lower Upper

142 100

127 28.0 36.0 54.0#

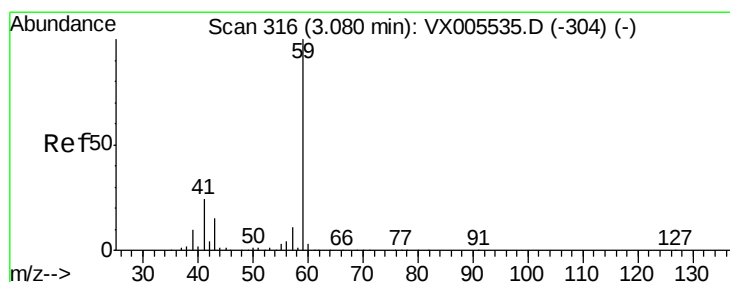
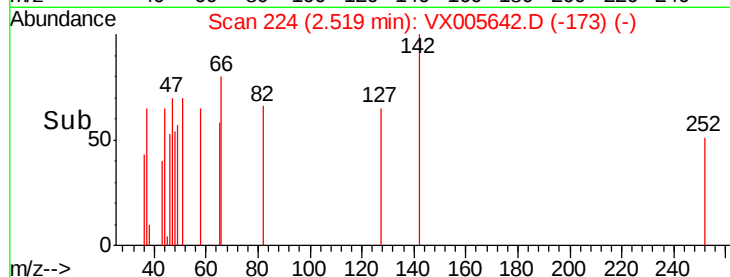
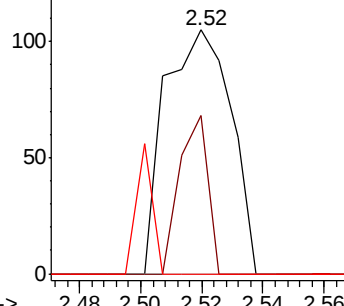
141 12.7 11.7 17.5



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: 1.173 ug/l

RT: 3.03 min Scan# 308

Delta R.T. -0.05 min

Lab File: VX005642.D

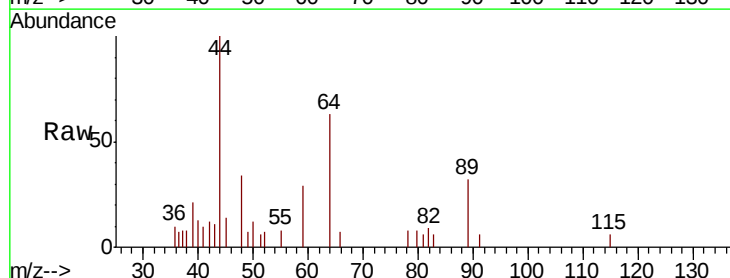
Acq: 27 Oct 2018 08:40

Tgt Ion: 59 Resp: 901

Ion Ratio Lower Upper

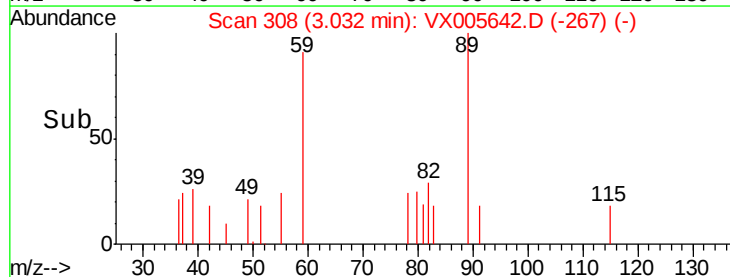
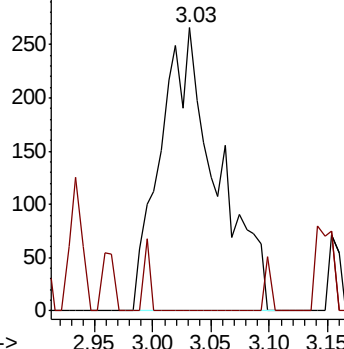
59 100

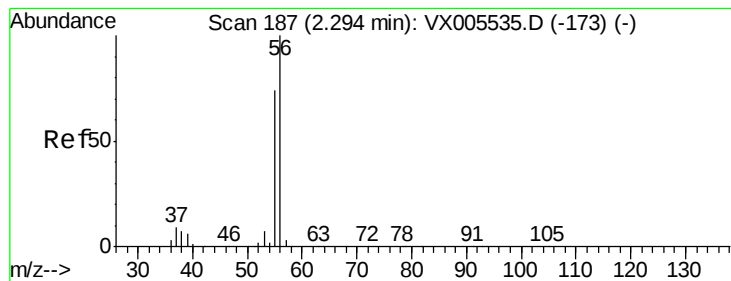
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.301 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX005642.D

Acq: 27 Oct 2018 08:40

Instrument :

MSVOA_X

ClientSampleId :

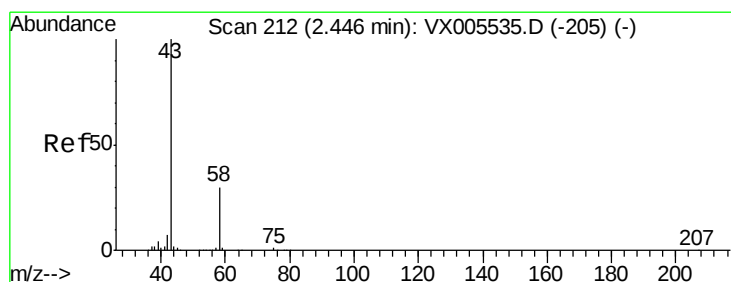
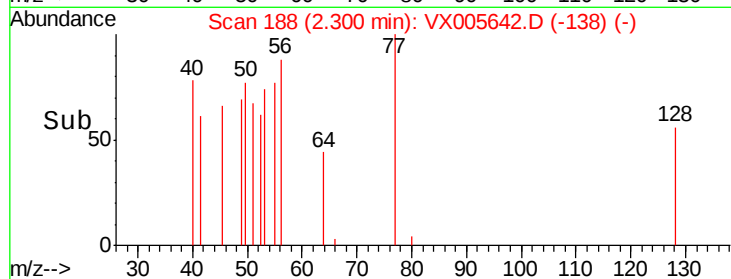
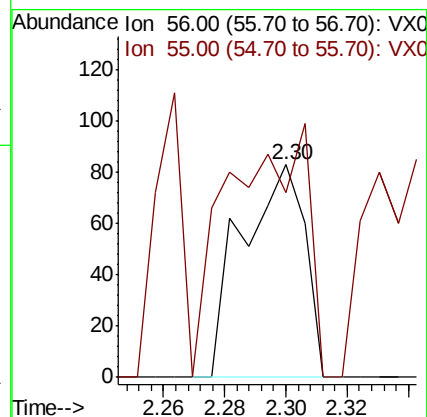
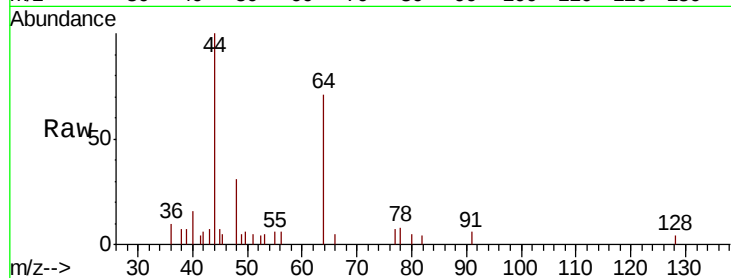
MW-9-102418

Tot Ion: 56 Resp: 118

Ion Ratio Lower Upper

56 100

55 148.3 57.3 85.9#



#16

Acetone

Concen: 2.459 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005642.D

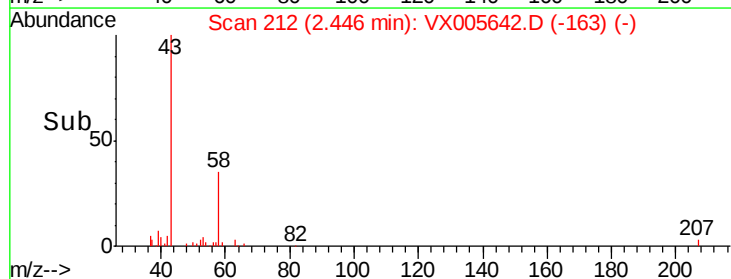
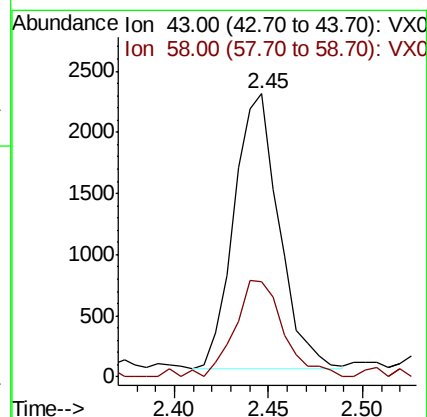
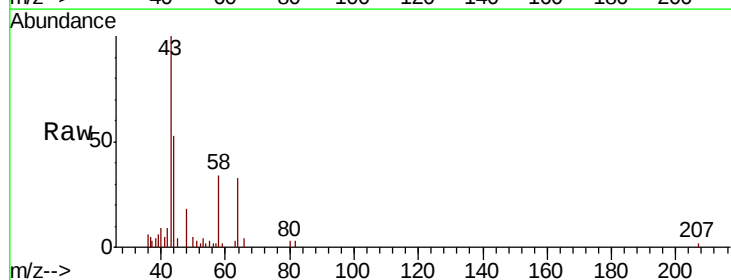
Acq: 27 Oct 2018 08:40

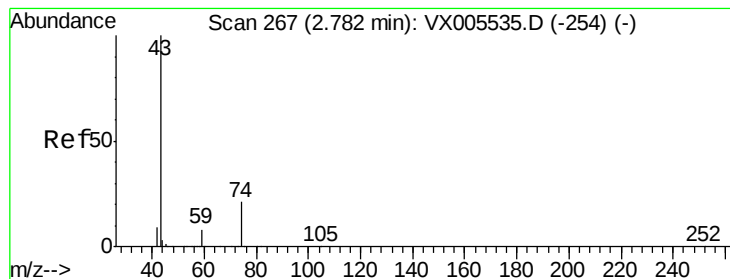
Tgt Ion: 43 Resp: 3710

Ion Ratio Lower Upper

43 100

58 34.6 23.8 35.6





#18

Methvl Acetate

Concen: 0.738 ug/l

RT: 2.61 min Scan# 239

Delta R.T. -0.17 min

Lab File: VX005642.D

Acq: 27 Oct 2018 08:40

Instrument :

MSVOA_X

ClientSampleId :

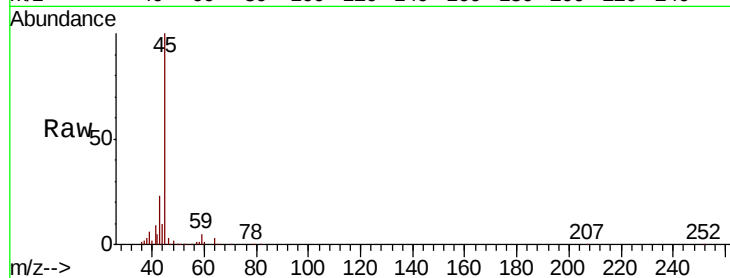
MW-9-102418

Tot Ion: 43 Resp: 8117

Ion Ratio Lower Upper

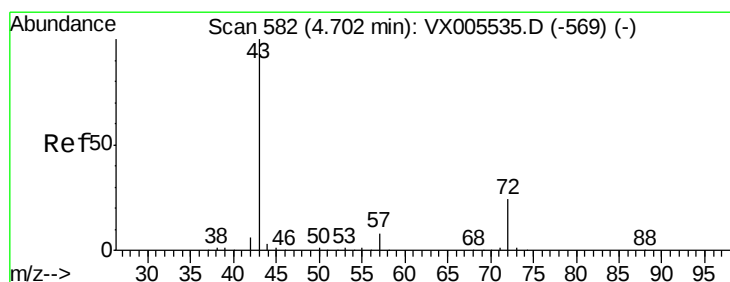
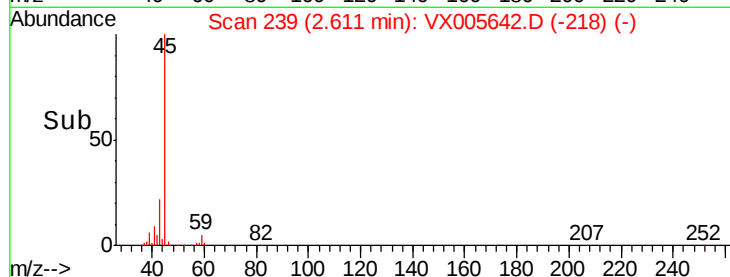
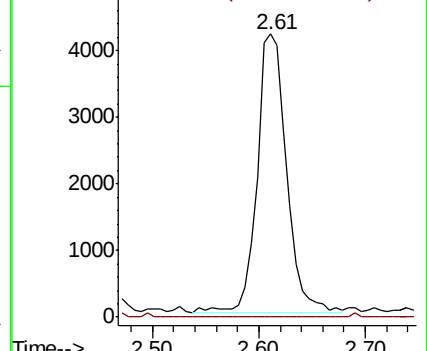
43 100

74 0.0 16.8 25.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#25

2-Butanone

Concen: 0.201 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX005642.D

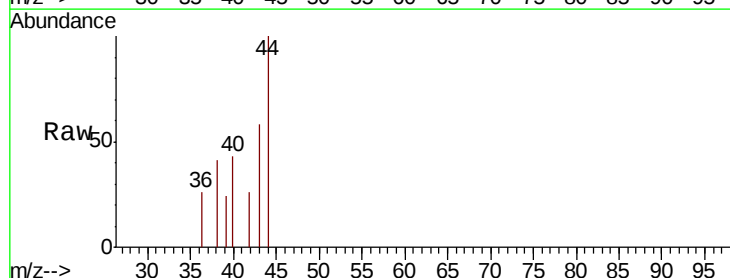
Acq: 27 Oct 2018 08:40

Tgt Ion: 43 Resp: 462

Ion Ratio Lower Upper

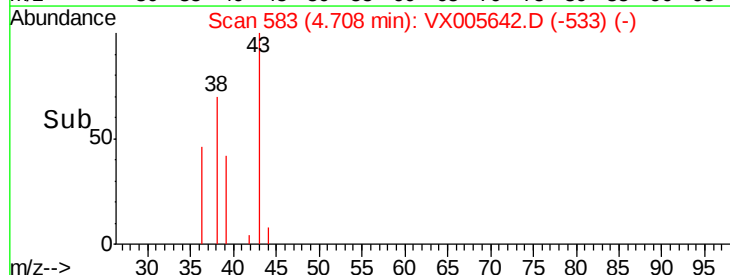
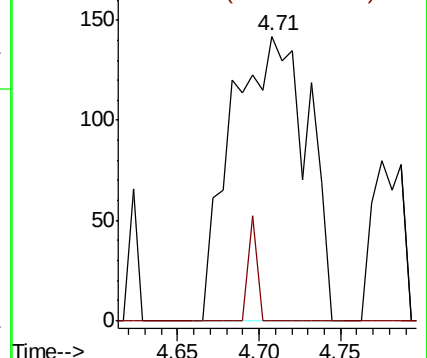
43 100

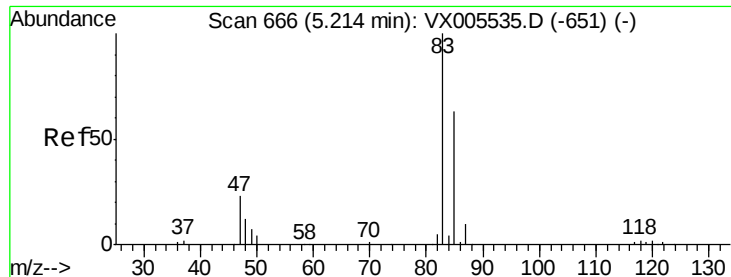
72 0.0 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

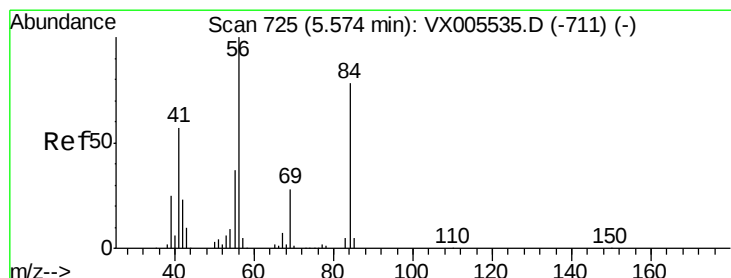
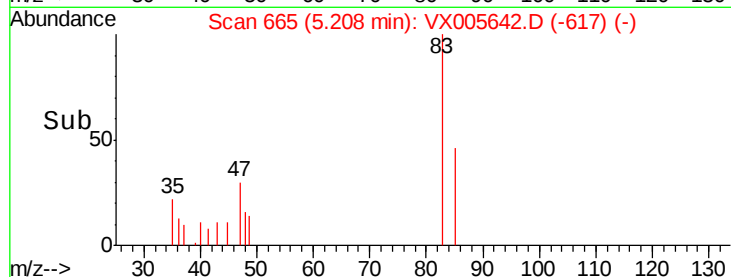
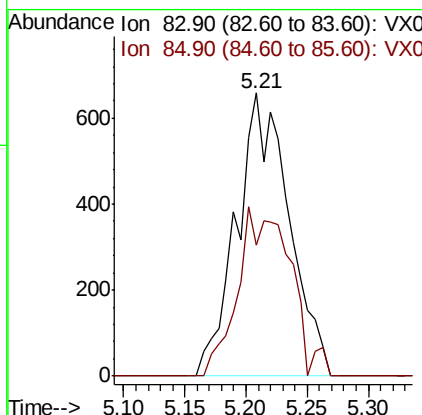
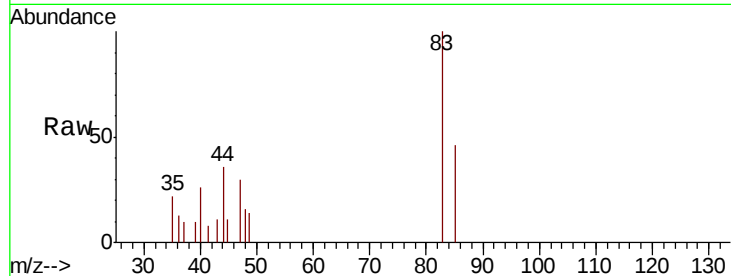




#30
Chloroform
Concen: 0.450 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX005642.D
Acq: 27 Oct 2018 08:40

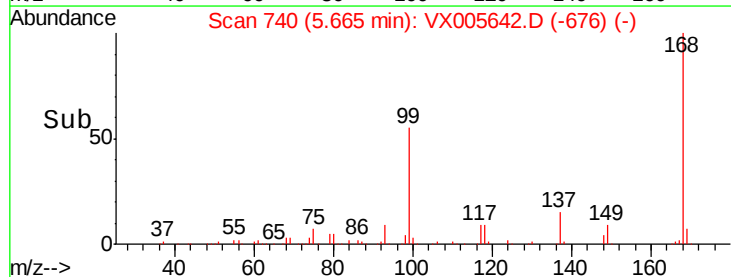
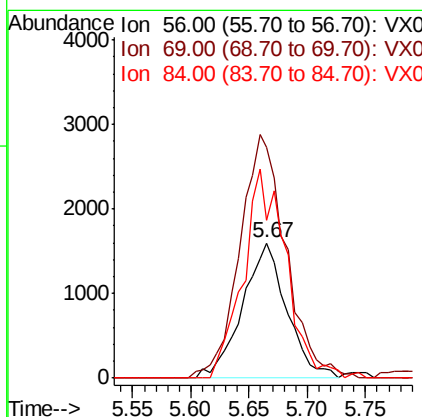
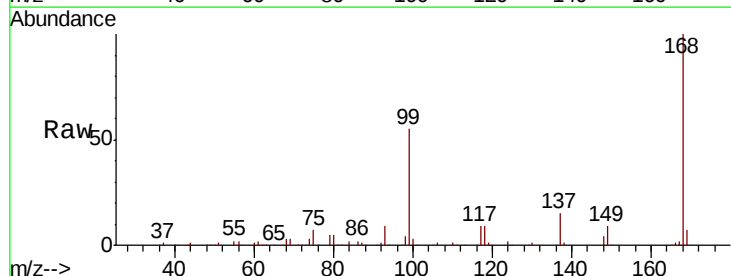
Instrument :
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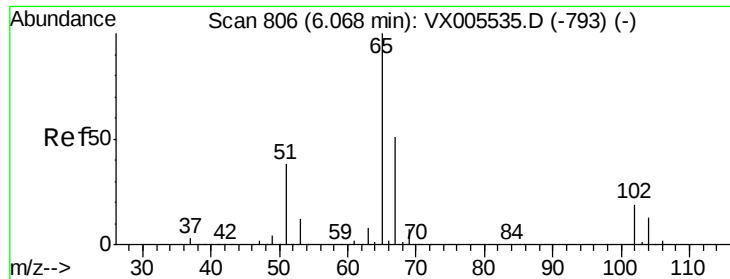
Tot Ion: 83 Resp: 1957
Ion Ratio Lower Upper
83 100
85 46.4 50.6 76.0#



#31
Cyclohexane
Concen: 1.102 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX005642.D
Acq: 27 Oct 2018 08:40

Tgt Ion: 56 Resp: 4241
Ion Ratio Lower Upper
56 100
69 171.2 22.6 34.0#
84 116.5 62.7 94.1#





#33

1,2-Dichloroethane-d4

Concen: 51.561 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005642.D

Acq: 27 Oct 2018 08:40

Instrument :

MSVOA_X

ClientSampleId :

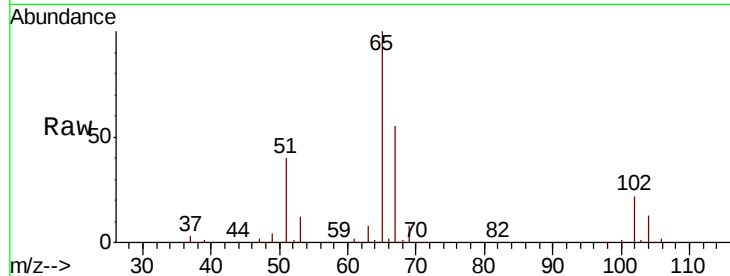
MW-9-102418

Tot Ion: 65 Resp: 147212

Ion Ratio Lower Upper

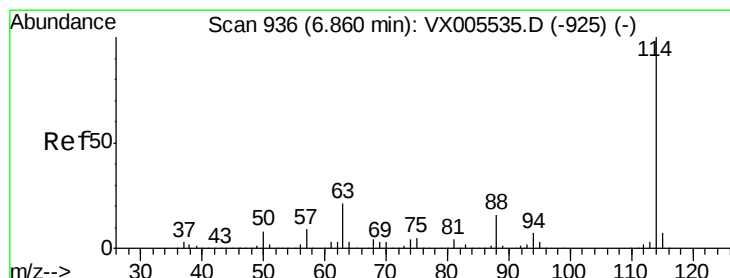
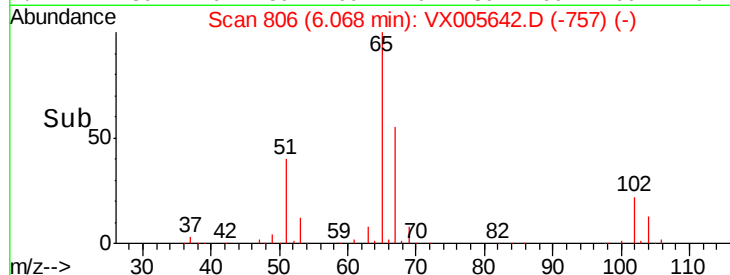
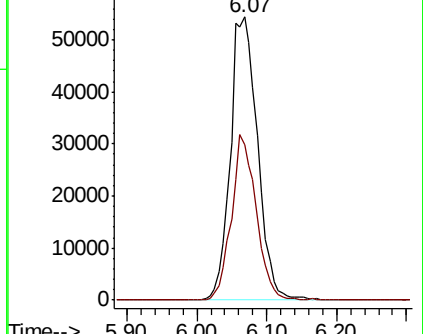
65 100

67 53.0 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005642.D

Acq: 27 Oct 2018 08:40

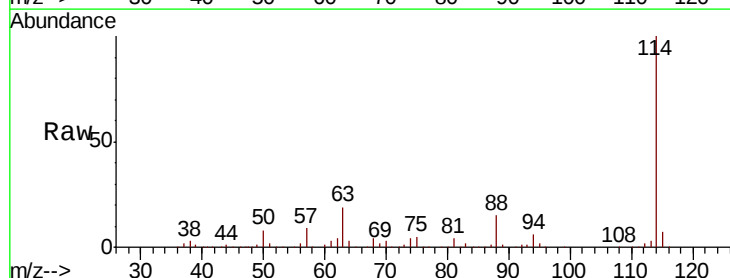
Tgt Ion: 114 Resp: 338695

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.8

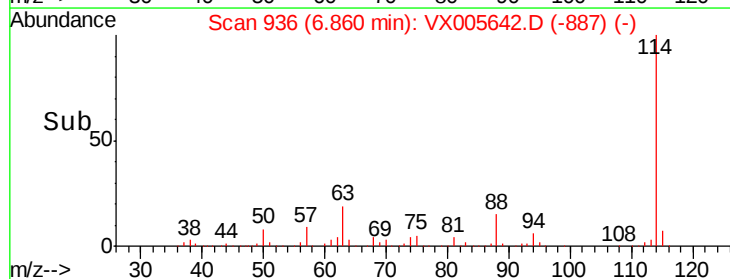
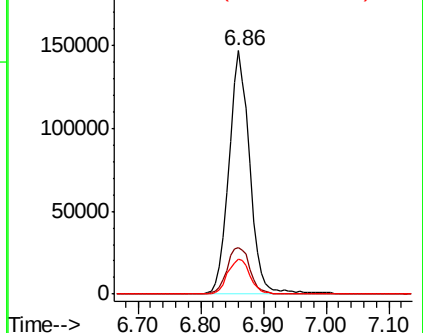
88 14.5 0.0 31.2

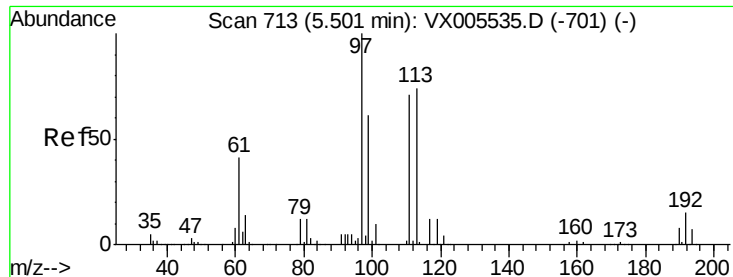


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

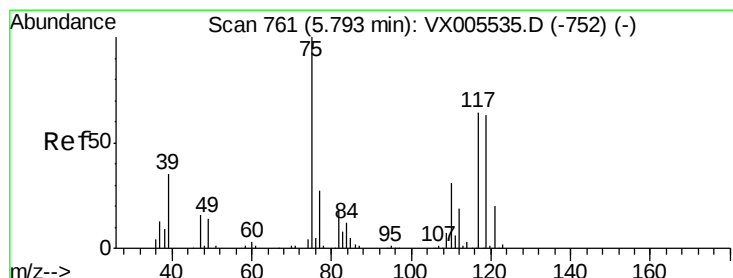
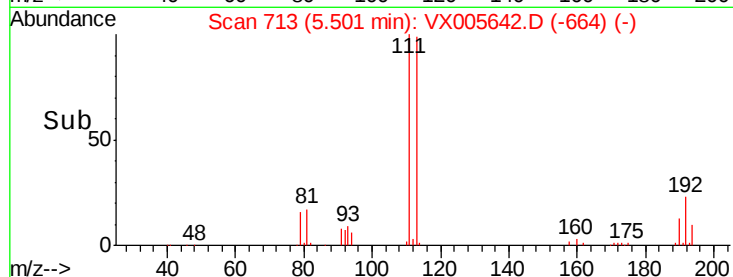
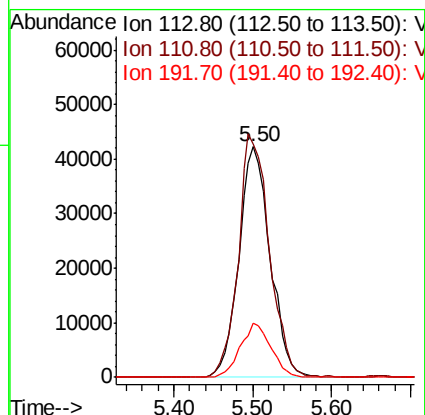
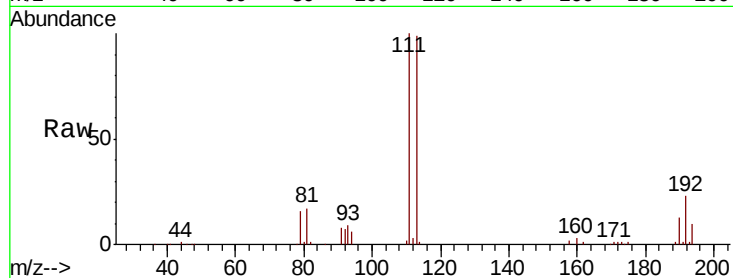




#35
 Dibromofluoromethane
 Concen: 50.818 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005642.D
 Acq: 27 Oct 2018 08:40

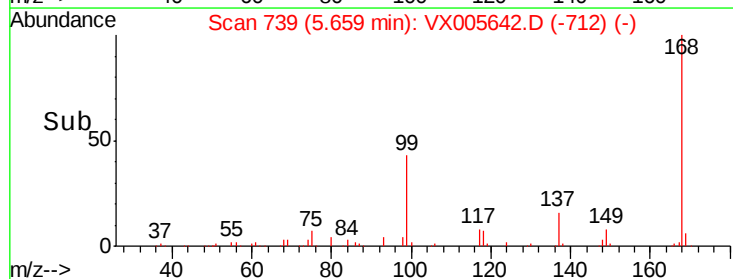
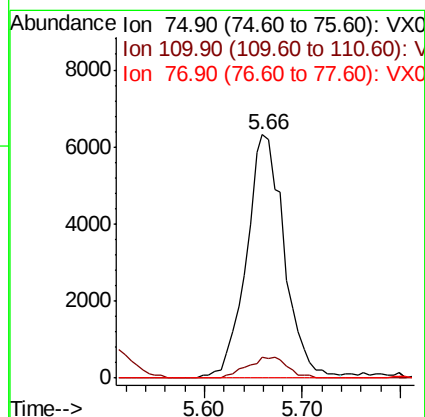
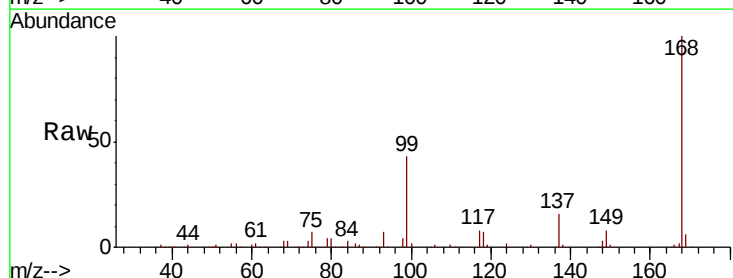
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9-102418

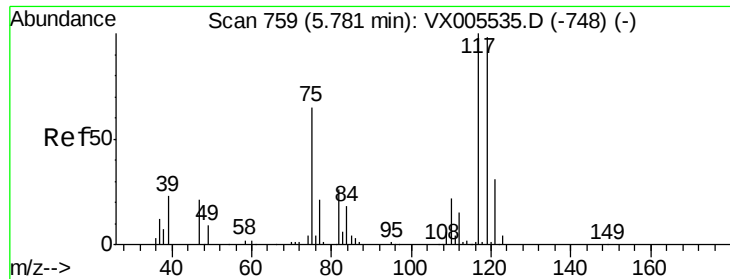
Tot Ion:113 Resp: 116544
 Ion Ratio Lower Upper
 113 100
 111 105.1 82.3 123.5
 192 23.1 17.9 26.9



#36
 1,1-Dichloropropene
 Concen: 5.168 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX005642.D
 Acq: 27 Oct 2018 08:40

Tgt Ion: 75 Resp: 16986
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.4 52.2#
 77 0.0 25.8 38.6#

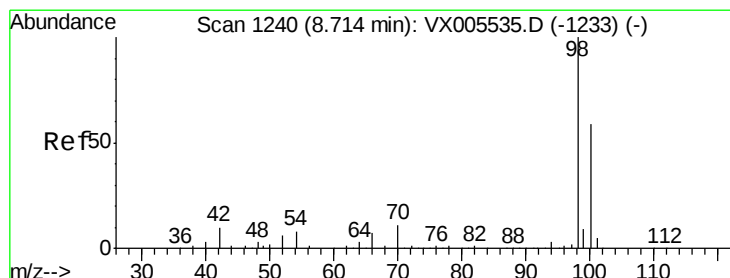
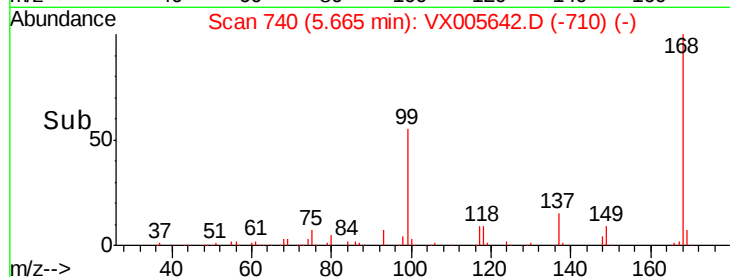
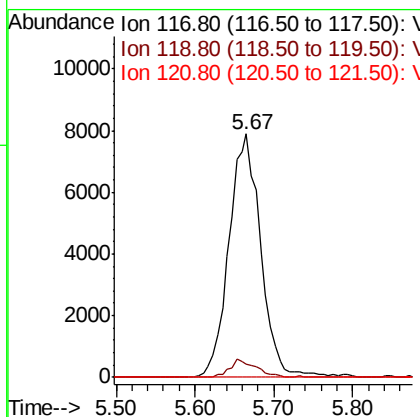
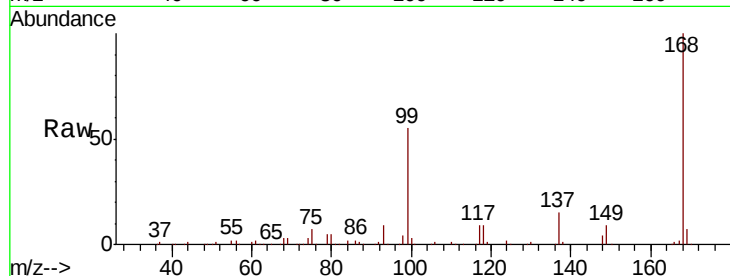




#38
Carbon Tetrachloride
Concen: 6.378 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX005642.D
Acq: 27 Oct 2018 08:40

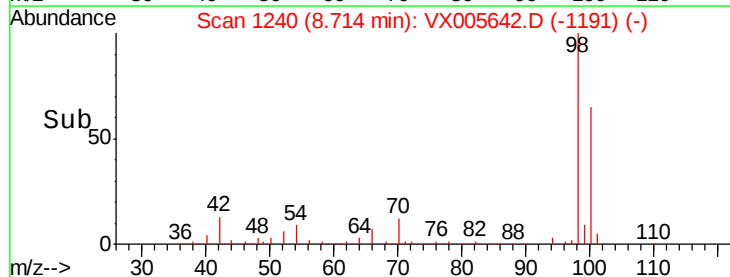
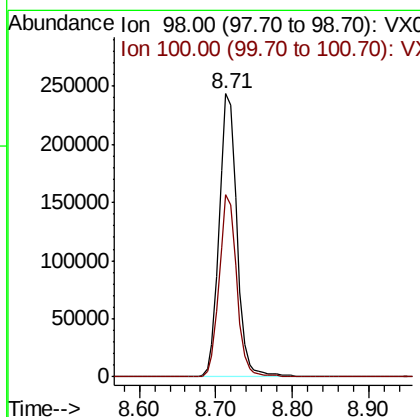
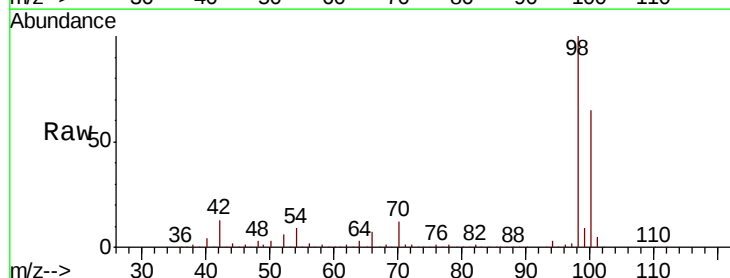
Instrument :
MSVOA_X
ClientSampleId :
MW-9-102418

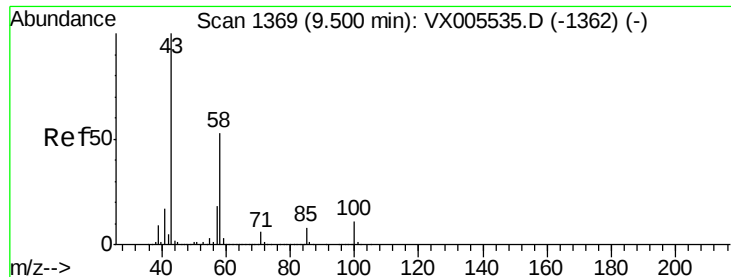
Tot Ion:117 Resp: 22079
Ion Ratio Lower Upper
117 100
119 5.5 78.1 117.1#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 47.667 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005642.D
Acq: 27 Oct 2018 08:40

Tgt Ion: 98 Resp: 392797
Ion Ratio Lower Upper
98 100
100 63.7 51.3 76.9

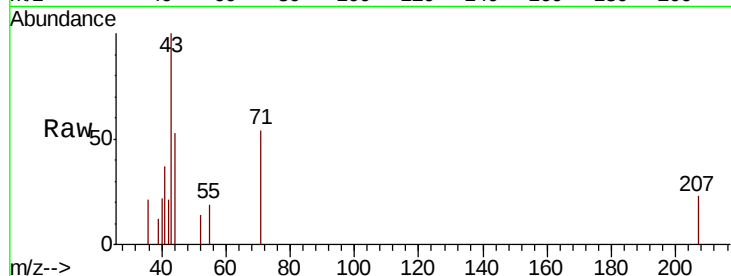




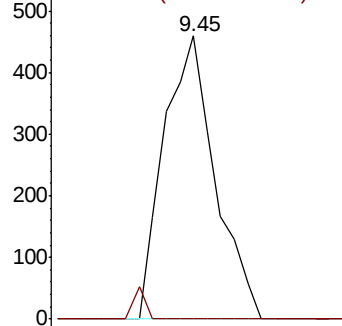
#59
2-Hexanone
Concen: 0.220 ug/l
RT: 9.45 min Scan# 1360
Delta R.T. -0.05 min
Lab File: VX005642.D
Acq: 27 Oct 2018 08:40

Instrument :
MSVOA_X
ClientSampleId :
MW-9-102418

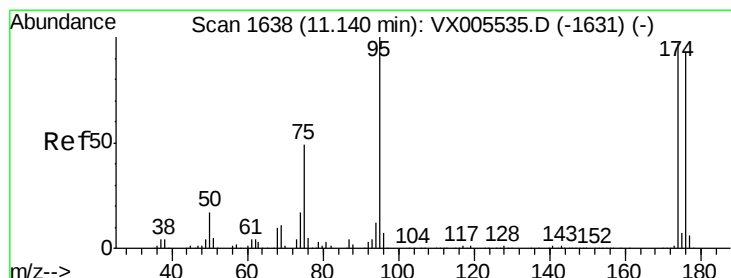
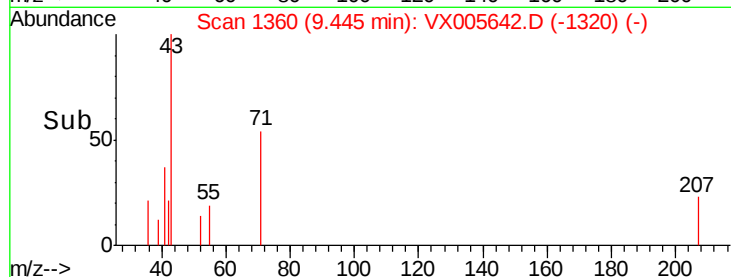
Tot Ion: 43 Resp: 732
Ion Ratio Lower Upper
43 100
58 0.0 25.9 77.8#



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

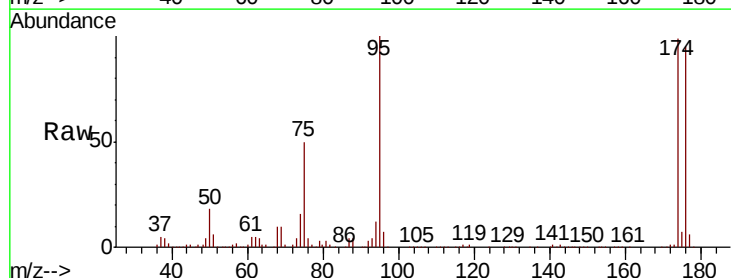


Time-->

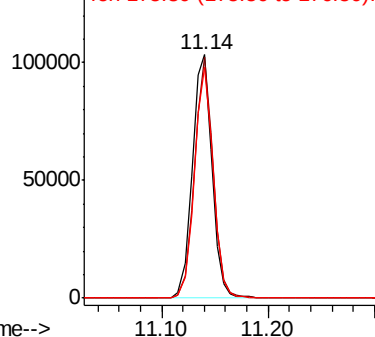


#62
4-Bromofluorobenzene
Concen: 42.764 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005642.D
Acq: 27 Oct 2018 08:40

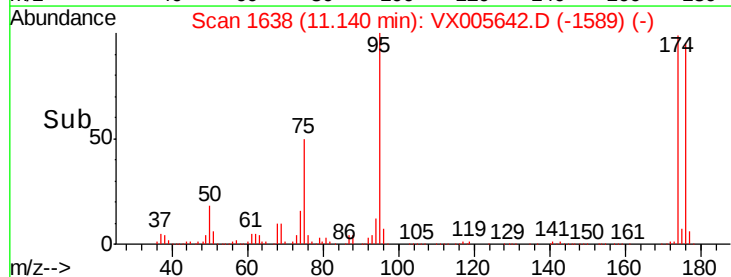
Tgt Ion: 95 Resp: 133082
Ion Ratio Lower Upper
95 100
174 93.7 0.0 184.4
176 91.0 0.0 177.4

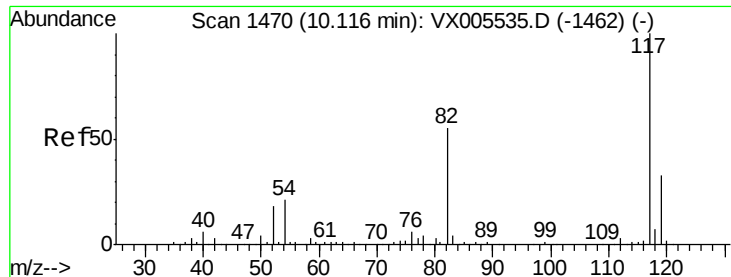


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V



Time-->

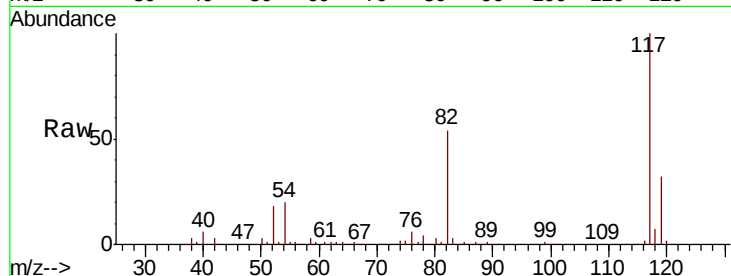




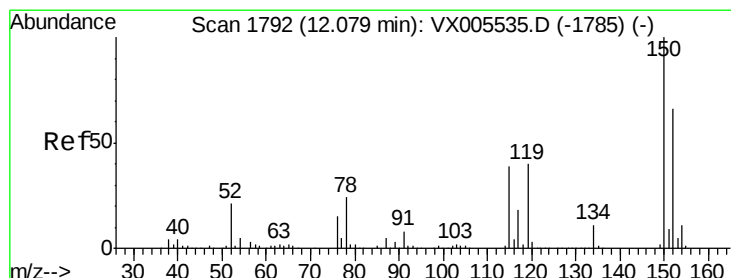
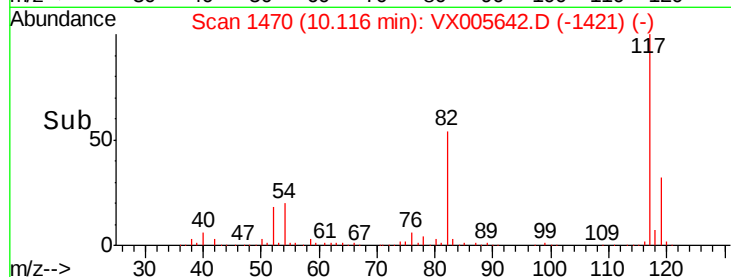
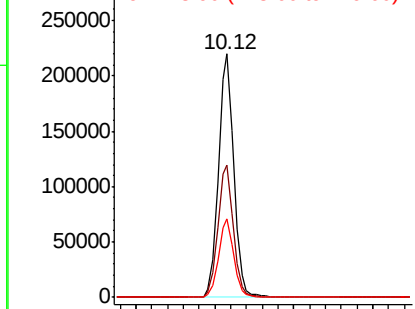
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005642.D
Acq: 27 Oct 2018 08:40

Instrument :
MSVOA_X
ClientSampleId :
MW-9-102418

Tot Ion:117 Resp: 298295
Ion Ratio Lower Upper
117 100
82 54.4 44.1 66.1
119 32.1 26.2 39.2

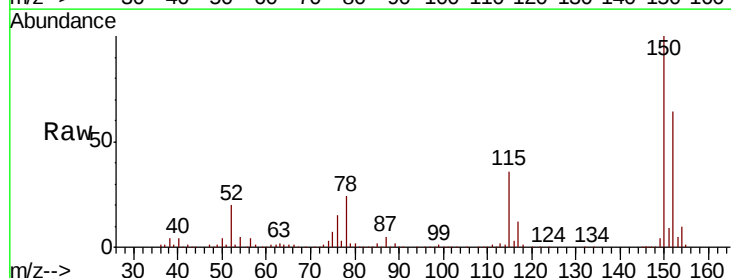


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

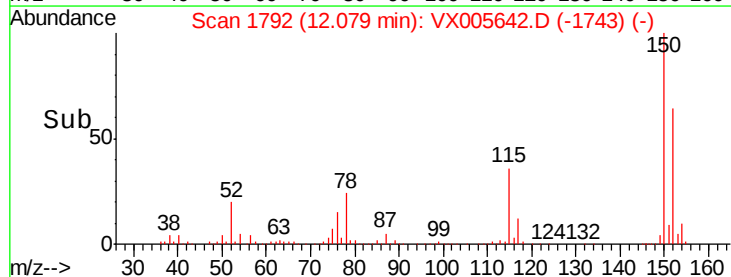
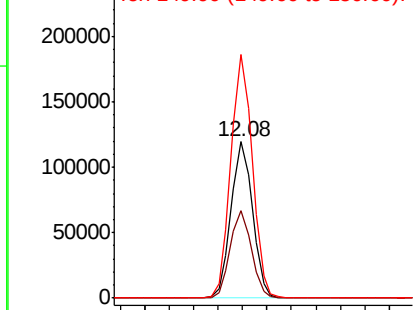


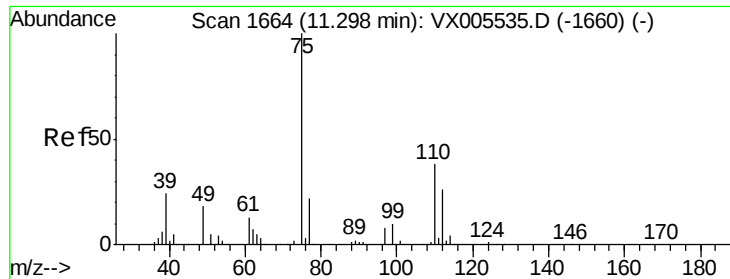
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005642.D
Acq: 27 Oct 2018 08:40

Tgt Ion:152 Resp: 144905
Ion Ratio Lower Upper
152 100
115 55.4 39.4 118.1
150 155.6 0.0 346.4



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





#76

1,2,3-Trichloropropane

Concen: 21.983 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005642.D

Acq: 27 Oct 2018 08:40

Instrument :

MSVOA_X

ClientSampleId :

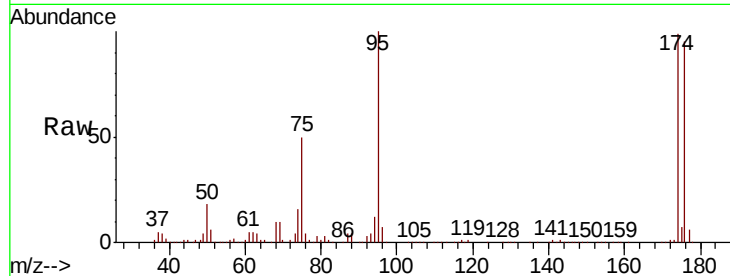
MW-9-102418

Tot Ion: 75 Resp: 67493

Ion Ratio Lower Upper

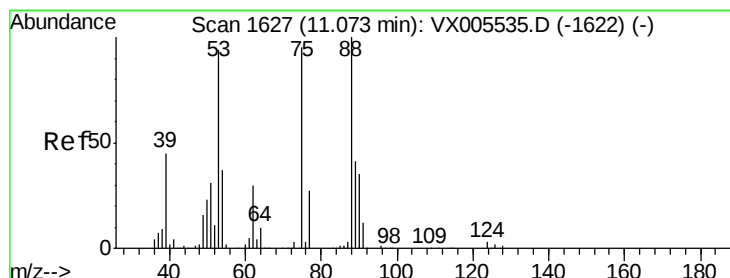
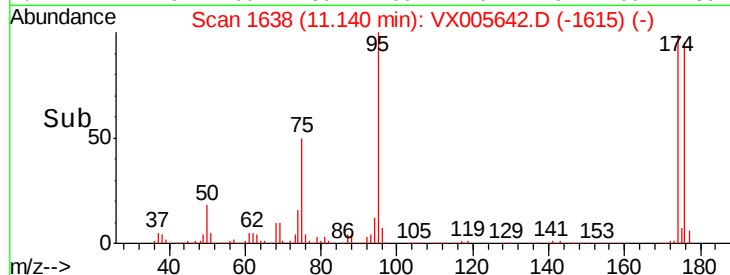
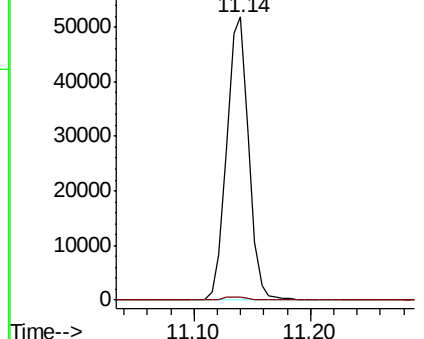
75 100

77 1.4 20.5 61.6#



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: 71.831 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX005642.D

Acq: 27 Oct 2018 08:40

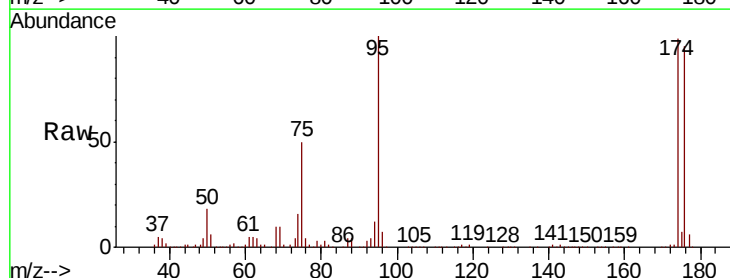
Tgt Ion: 75 Resp: 67493

Ion Ratio Lower Upper

75 100

53 0.3 80.2 120.2#

89 0.0 39.8 59.8#



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

