

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX103018\
 Data File : VX005684.D
 Acq On : 30 Oct 2018 11:46
 Operator : JC/MD
 Sample : VX1030MBL01
 Misc : 5.00g/10mL/100ul/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1030MBL01

Quant Time: Oct 30 15:55:22 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	5.67	168	241228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	375019	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	318634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	155504	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	142654	48.45	ug/l	0.00
Spiked Amount			Recovery	=	96.90%	
35) Dibromofluoromethane	5.50	113	116044	45.70	ug/l	0.00
Spiked Amount			Recovery	=	91.40%	
50) Toluene-d8	8.71	98	421075	46.15	ug/l	0.00
Spiked Amount			Recovery	=	92.30%	
62) 4-Bromofluorobenzene	11.14	95	141787	41.15	ug/l	0.00
Spiked Amount			Recovery	=	82.30%	

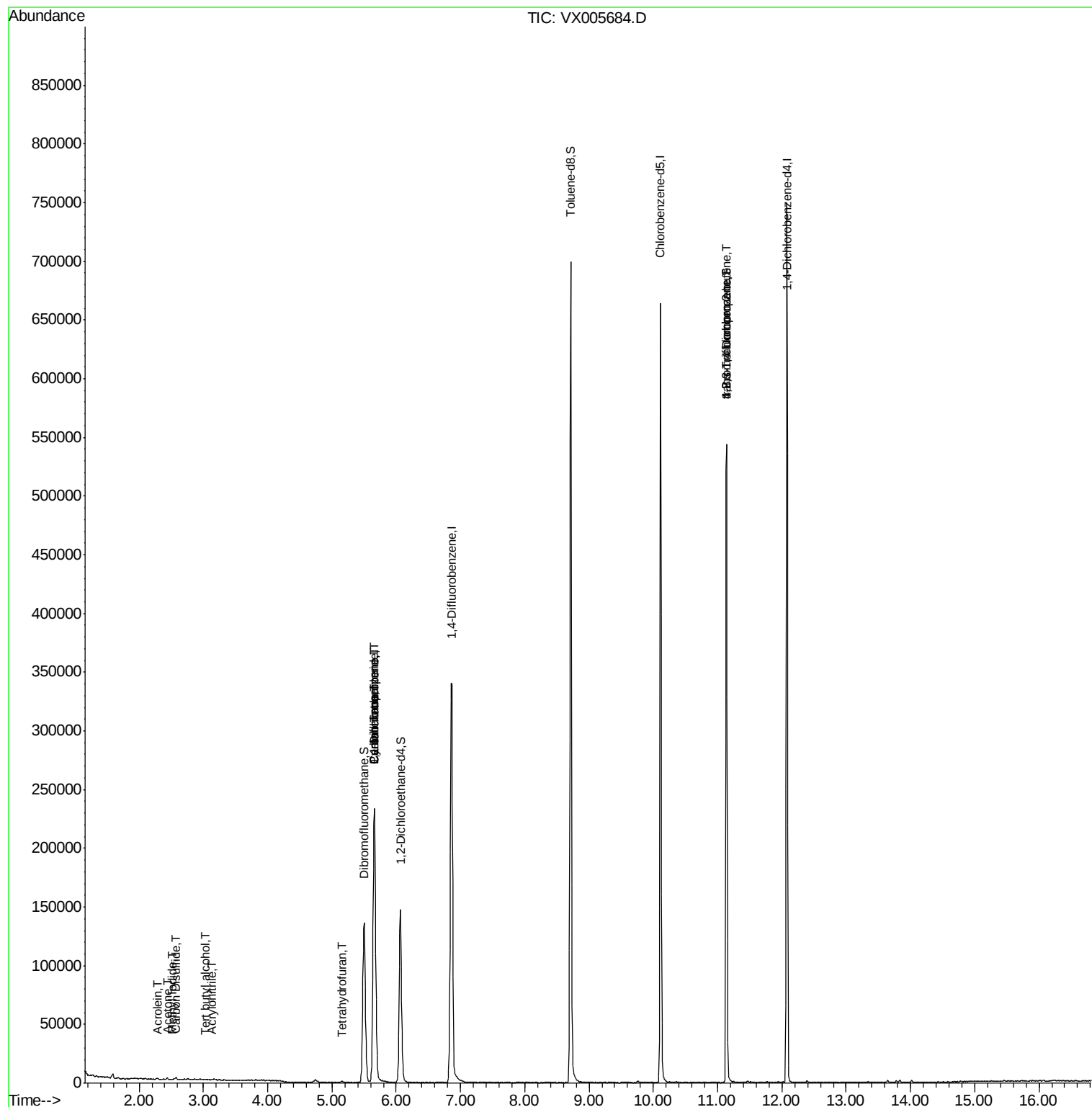
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.51	142	243	2.82	ug/l #	48
11) Tert butyl alcohol	3.04	59	676	0.85	ug/l #	90
13) Acrolein	2.29	56	127	0.31	ug/l #	47
15) Acrylonitrile	3.14	53	541	0.30	ug/l #	67
16) Acetone	2.44	43	640	0.41	ug/l #	75
17) Carbon Disulfide	2.57	76	1441	0.21	ug/l	99
18) Methyl Acetate	2.78	43	346	Below Cal		95
29) Tetrahydrofuran	5.15	42	793	0.51	ug/l #	73
31) Cyclohexane	5.66	56	4723	1.19	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	16739	4.60	ug/l #	50
38) Carbon Tetrachloride	5.66	117	21511	5.61	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	70171	21.30	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	70171	69.59	ug/l #	9

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

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Instrument :
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ClientSampled :
VX1030MBL01

Quant Time: Oct 30 15:55:22 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: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005684.D

Acq: 30 Oct 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

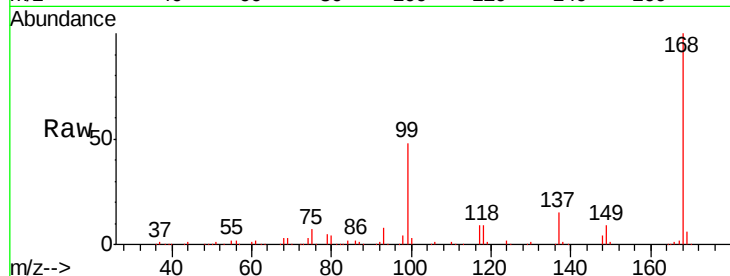
VX1030MBL01

Tgt Ion:168 Resp: 241228

Ion Ratio Lower Upper

168 100

99 47.9 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

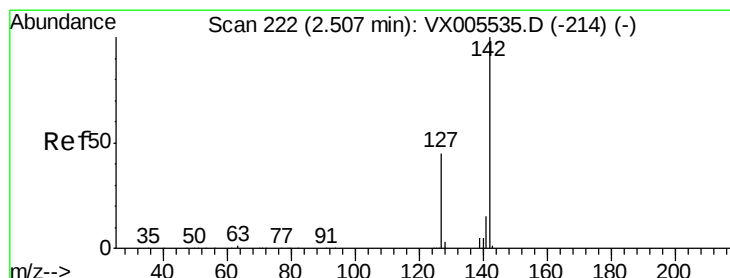
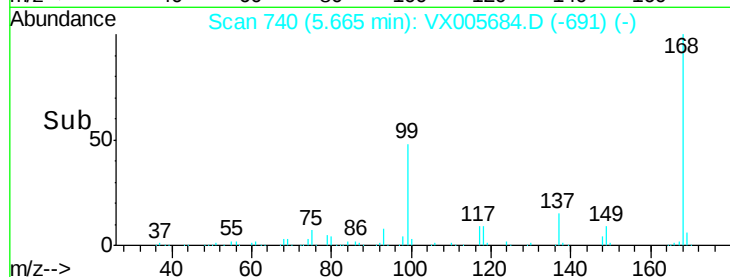
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 2.82 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005684.D

Acq: 30 Oct 2018 11:46

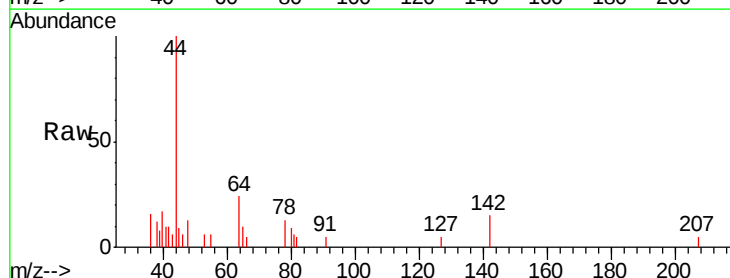
Tgt Ion:142 Resp: 243

Ion Ratio Lower Upper

142 100

127 7.8 36.0 54.0#

141 0.0 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

2.51

200

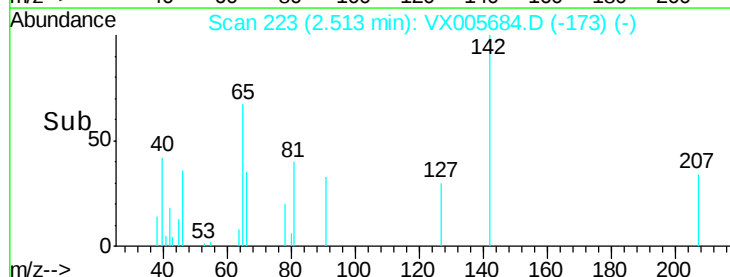
150

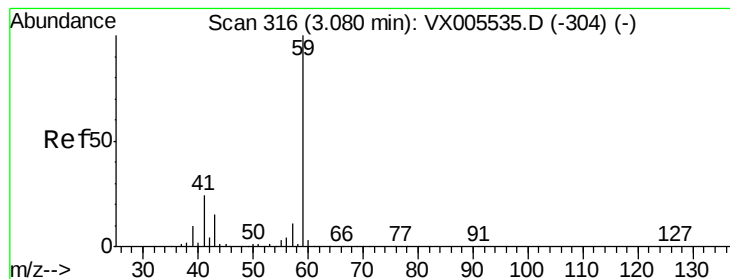
100

50

0

Time--> 2.50 2.55





#11

Tert butyl alcohol

Concen: 0.85 ug/l

RT: 3.04 min Scan# 309

Delta R.T. -0.04 min

Lab File: VX005684.D

Acq: 30 Oct 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

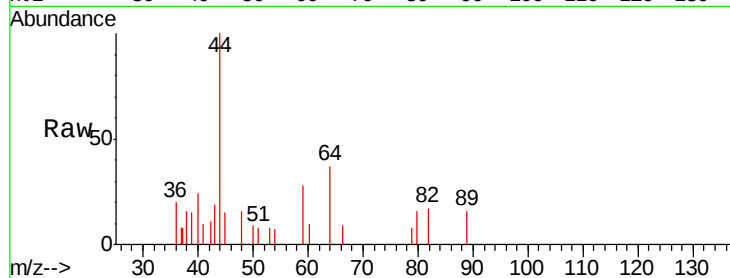
VX1030MBL01

Tgt Ion: 59 Resp: 676

Ion Ratio Lower Upper

59 100

57 6.7 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.04

200

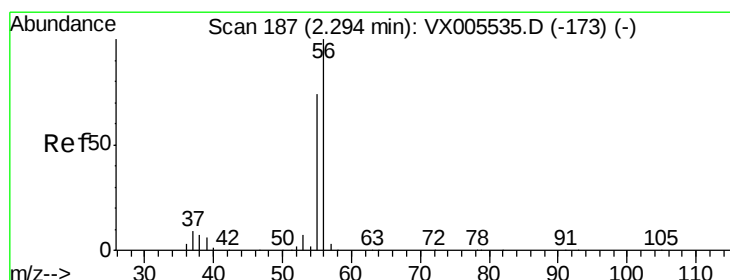
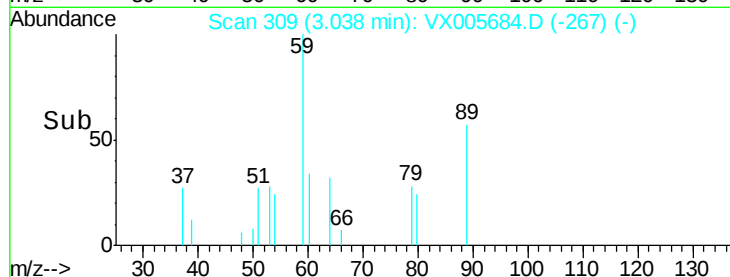
150

100

50

0

Time-->



#13

Acrolein

Concen: 0.31 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX005684.D

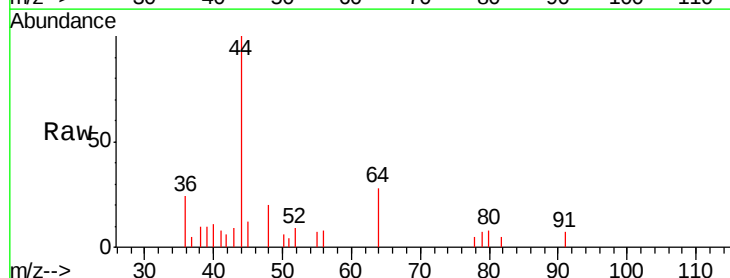
Acq: 30 Oct 2018 11:46

Tgt Ion: 56 Resp: 127

Ion Ratio Lower Upper

56 100

55 115.7 57.3 85.9#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

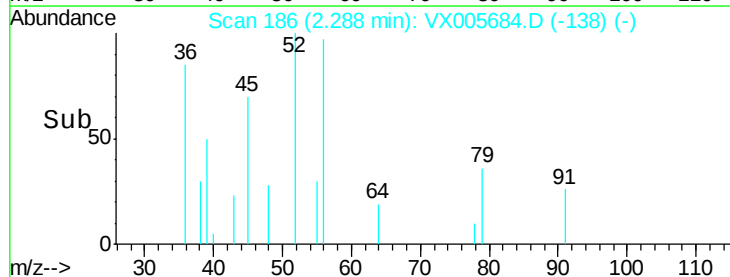
2.29

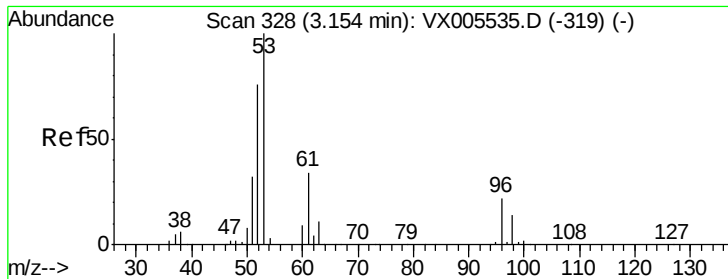
100

50

0

Time-->





#15

Acrylonitrile

Concen: 0.30 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX005684.D

Acq: 30 Oct 2018 11:46

Instrument :

MSVOA_X

ClientSampled :

VX1030MBL01

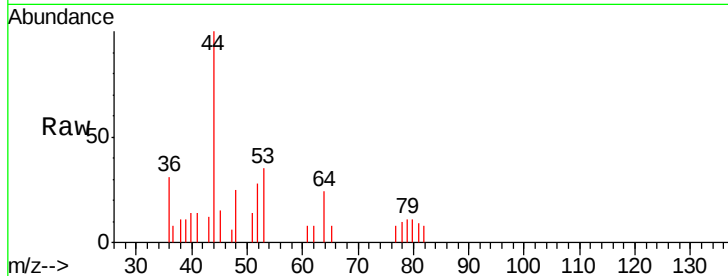
Tgt Ion: 53 Resp: 541

Ion Ratio Lower Upper

53 100

52 97.2 66.6 99.8

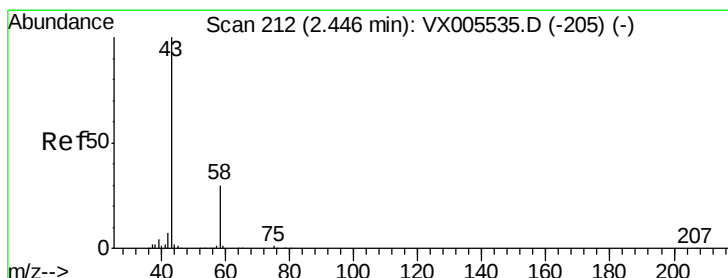
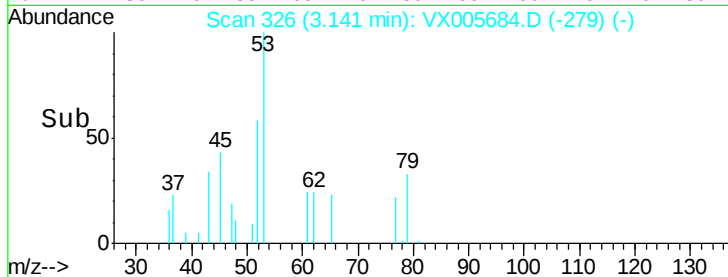
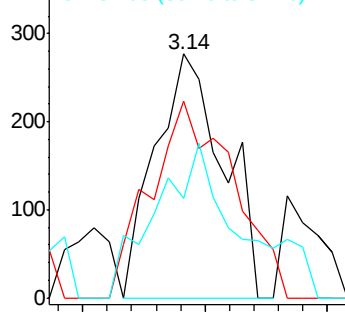
51 78.0 28.4 42.6#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 0.41 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX005684.D

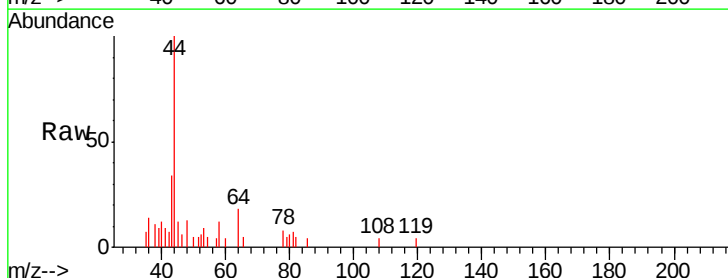
Acq: 30 Oct 2018 11:46

Tgt Ion: 43 Resp: 640

Ion Ratio Lower Upper

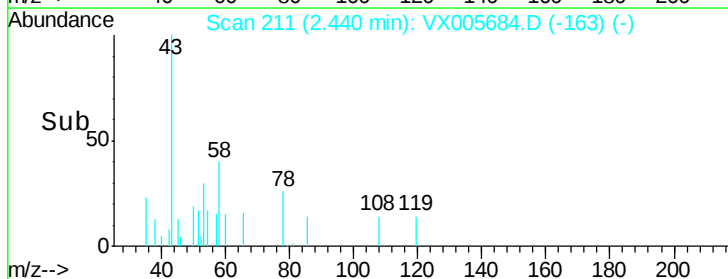
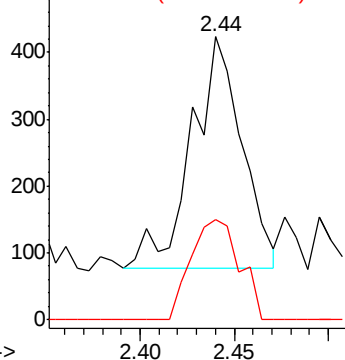
43 100

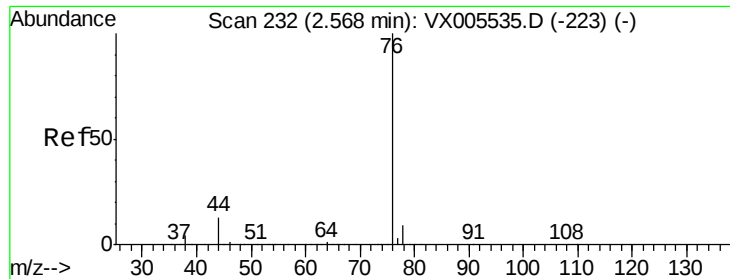
58 43.2 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

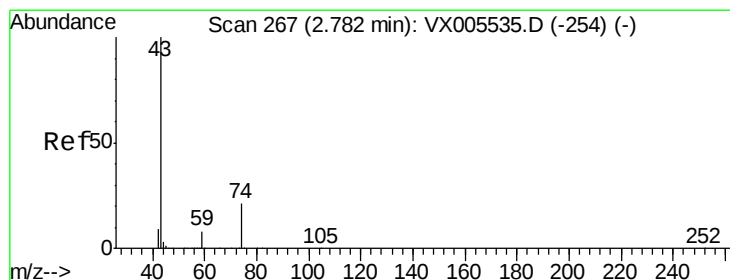
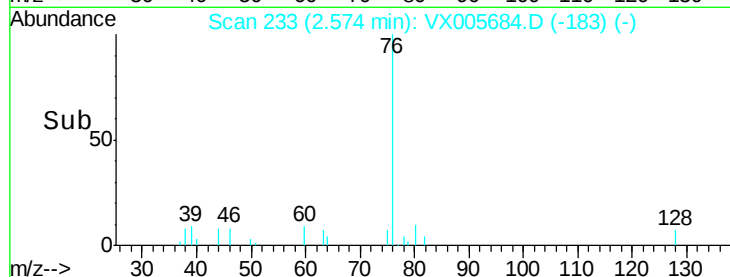
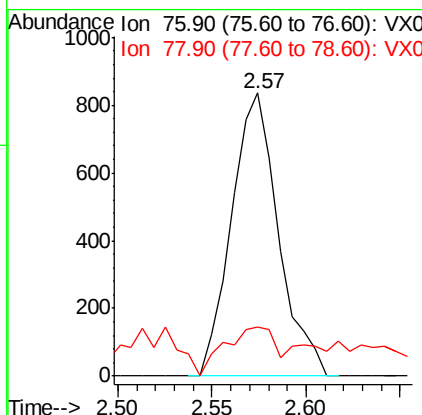
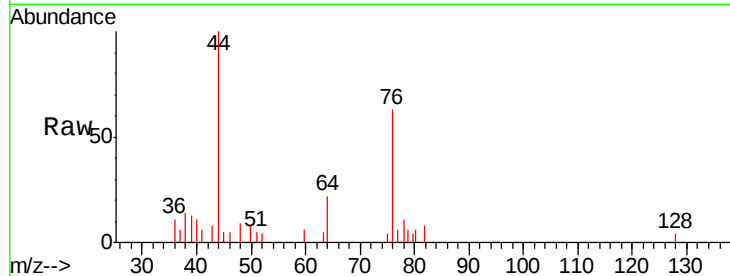




#17
Carbon Disulfide
Concen: 0.21 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX005684.D
Acq: 30 Oct 2018 11:46

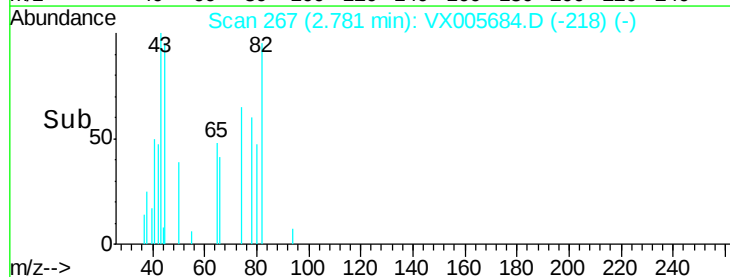
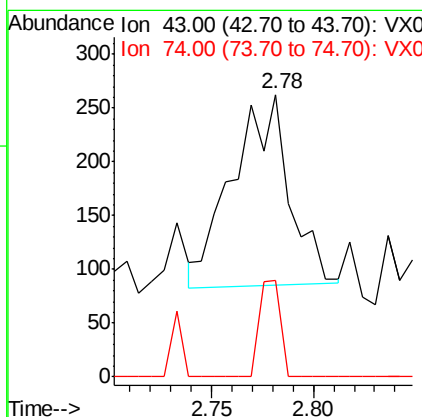
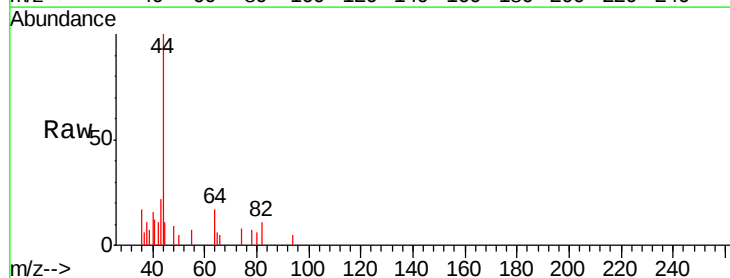
Instrument :
MSVOA_X
ClientSampleId :
VX1030MBL01

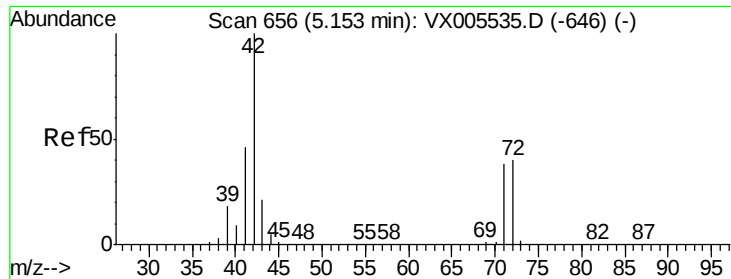
Tgt Ion: 76 Resp: 1441
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005684.D
Acq: 30 Oct 2018 11:46

Tgt Ion: 43 Resp: 346
Ion Ratio Lower Upper
43 100
74 18.8 16.8 25.2





#29

Tetrahydrofuran

Concen: 0.51 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX005684.D

Acq: 30 Oct 2018 11:46

Instrument :

MSVOA_X

ClientSampled :

VX1030MBL01

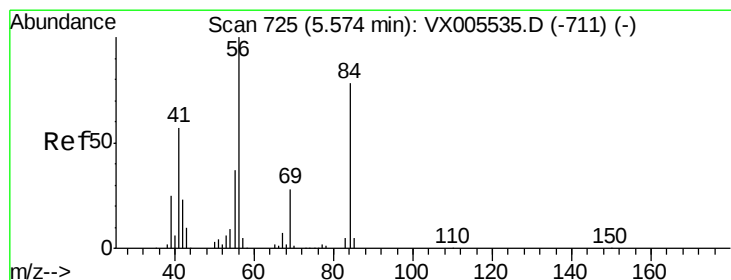
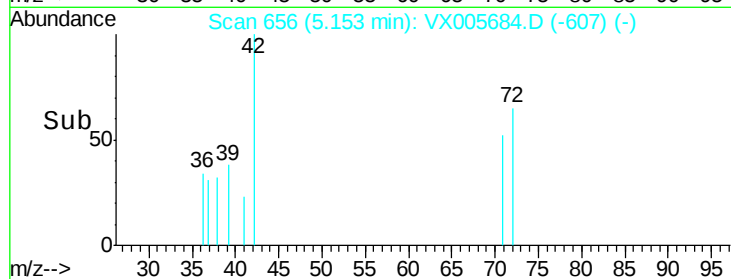
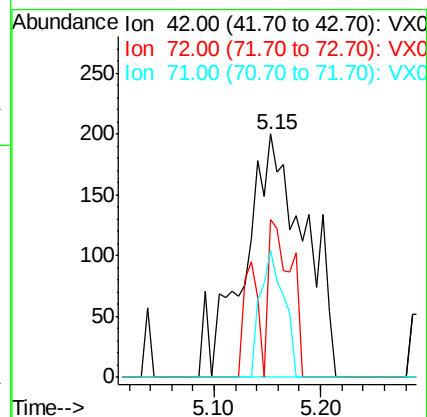
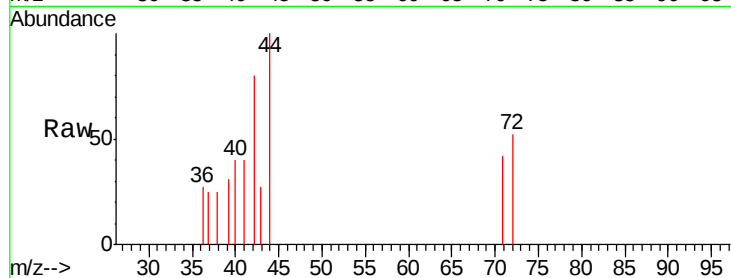
Tgt Ion: 42 Resp: 793

Ion Ratio Lower Upper

42 100

72 24.5 32.0 48.0#

71 20.4 29.8 44.8#



#31

Cyclohexane

Concen: 1.19 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.09 min

Lab File: VX005684.D

Acq: 30 Oct 2018 11:46

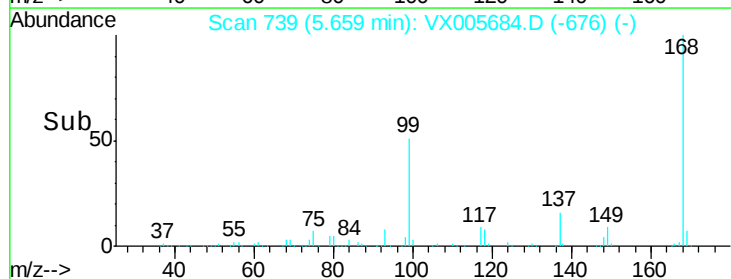
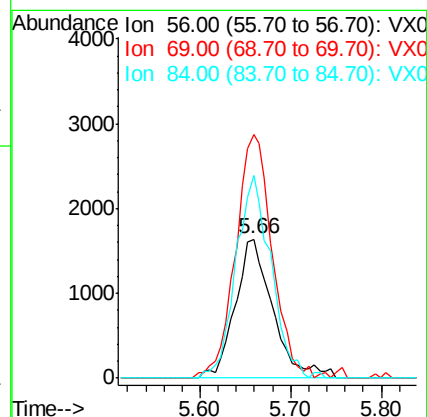
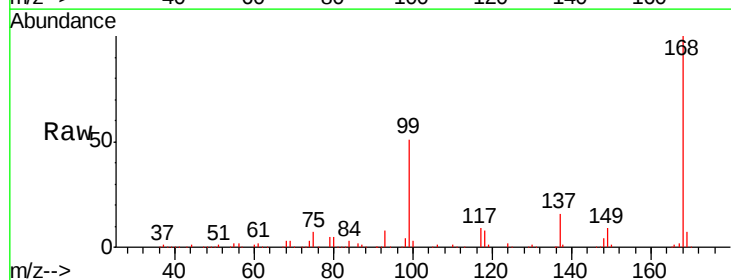
Tgt Ion: 56 Resp: 4723

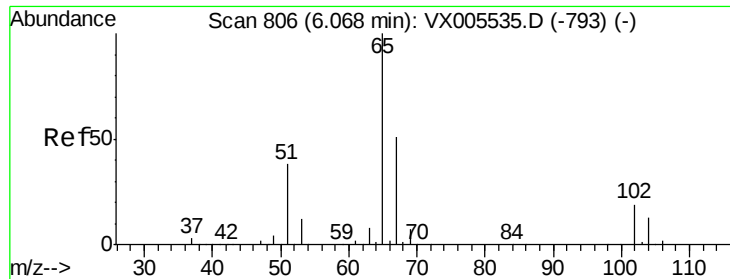
Ion Ratio Lower Upper

56 100

69 175.3 22.6 34.0#

84 145.7 62.7 94.1#





#33

1,2-Dichloroethane-d4

Concen: 48.45 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005684.D

Acq: 30 Oct 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

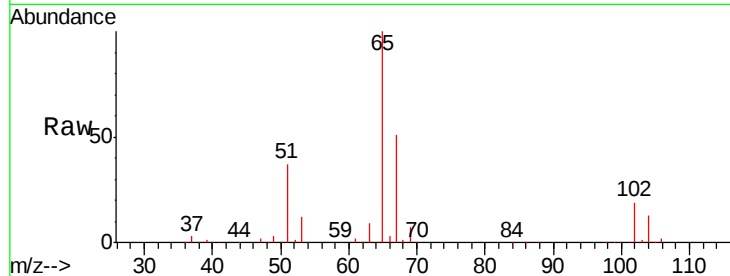
VX1030MBL01

Tgt Ion: 65 Resp: 142654

Ion Ratio Lower Upper

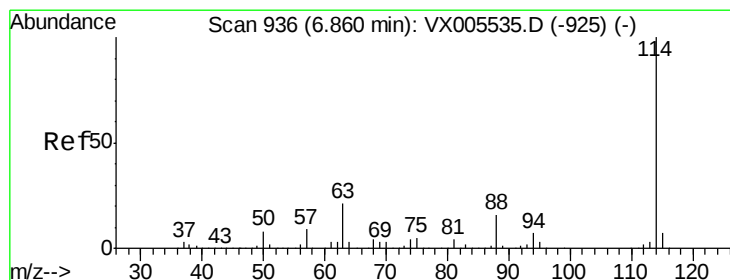
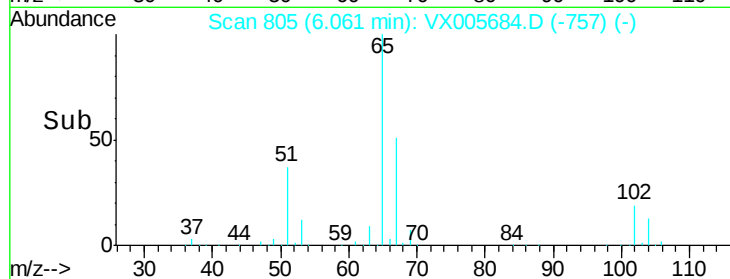
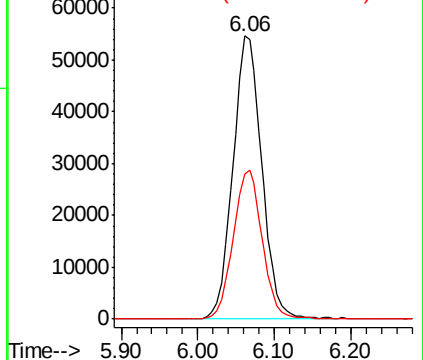
65 100

67 52.6 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: 50.00 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX005684.D

Acq: 30 Oct 2018 11:46

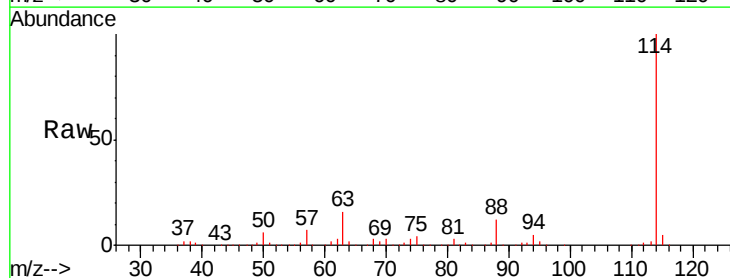
Tgt Ion: 114 Resp: 375019

Ion Ratio Lower Upper

114 100

63 16.1 0.0 42.8

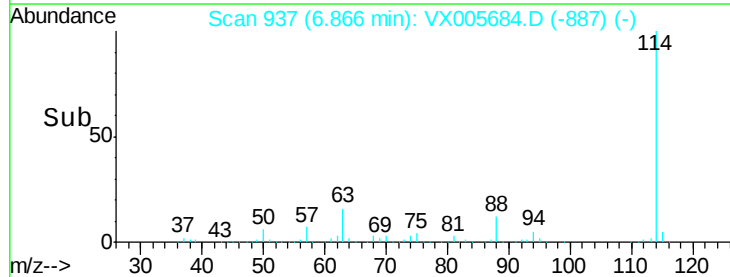
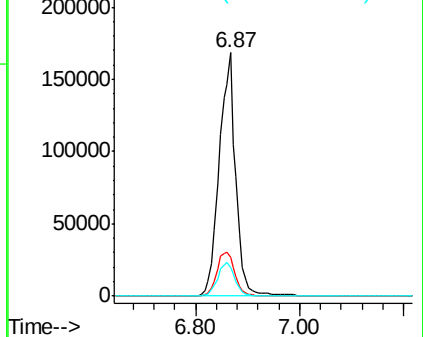
88 11.5 0.0 31.2

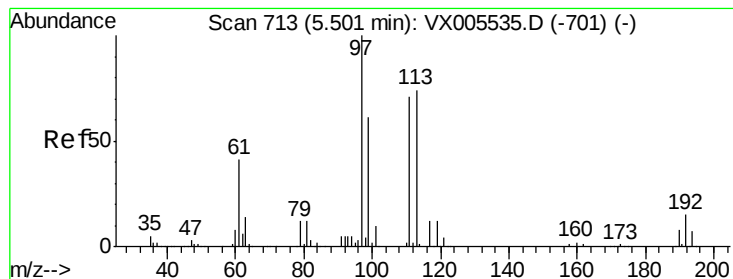


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.70 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005684.D

Acq: 30 Oct 2018 11:46

Instrument :

MSVOA_X

ClientSampled :

VX1030MBL01

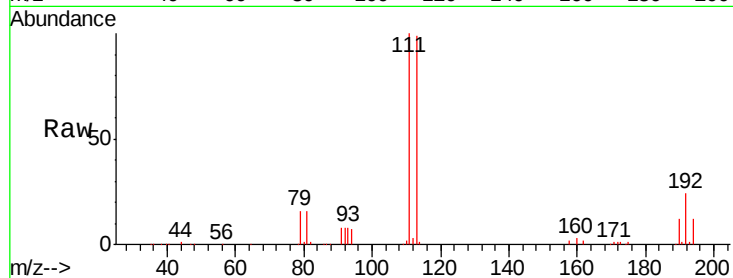
Tgt Ion:113 Resp: 116044

Ion Ratio Lower Upper

113 100

111 101.2 82.3 123.5

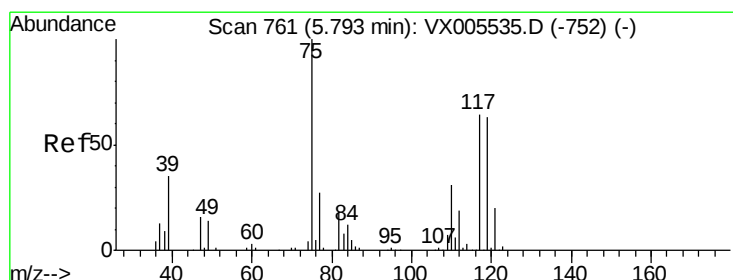
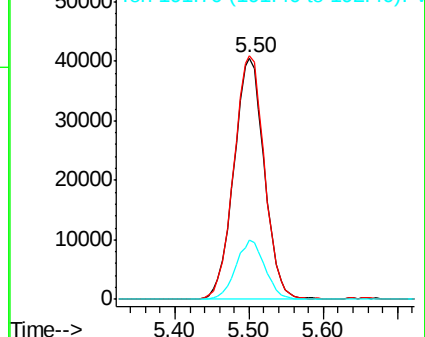
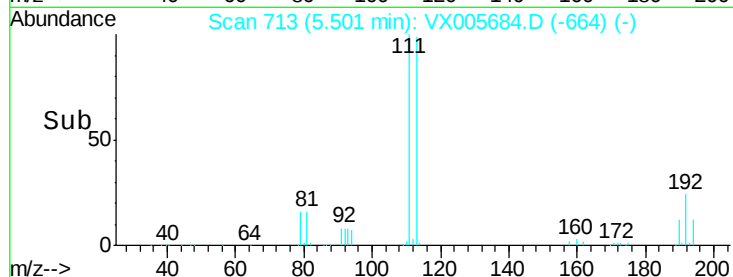
192 23.6 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.60 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX005684.D

Acq: 30 Oct 2018 11:46

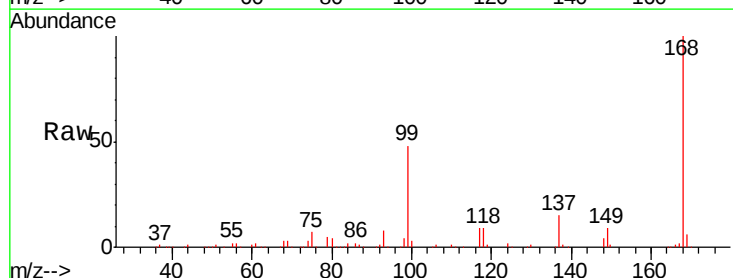
Tgt Ion: 75 Resp: 16739

Ion Ratio Lower Upper

75 100

110 9.7 17.4 52.2#

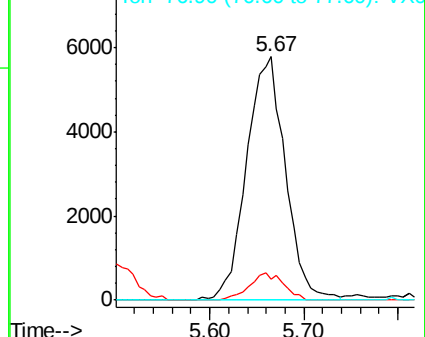
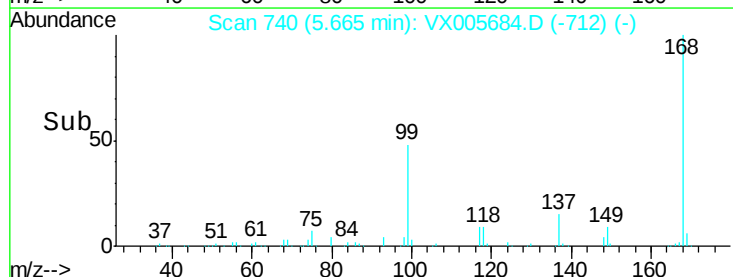
77 0.0 25.8 38.6#

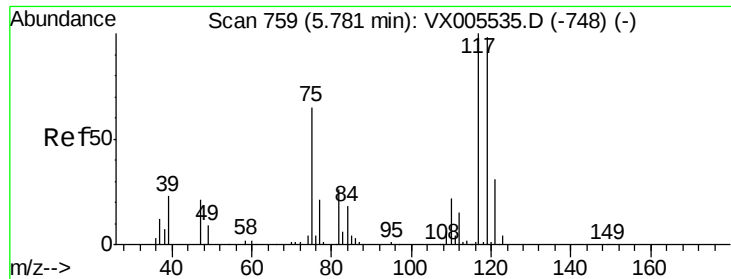


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.61 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX005684.D

Acq: 30 Oct 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX1030MBL01

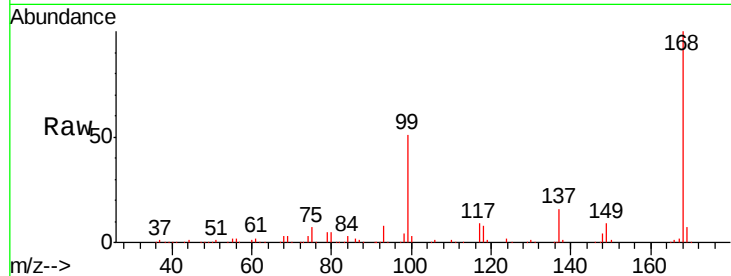
Tgt Ion: 117 Resp: 21511

Ion Ratio Lower Upper

117 100

119 6.3 78.1 117.1#

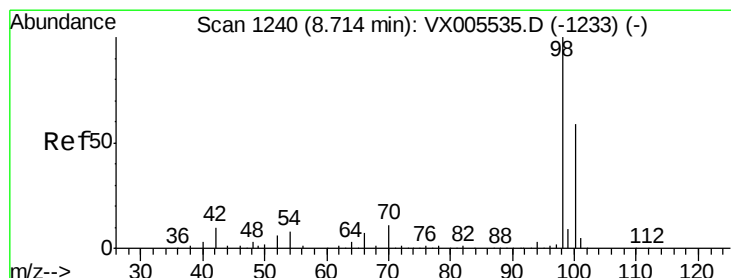
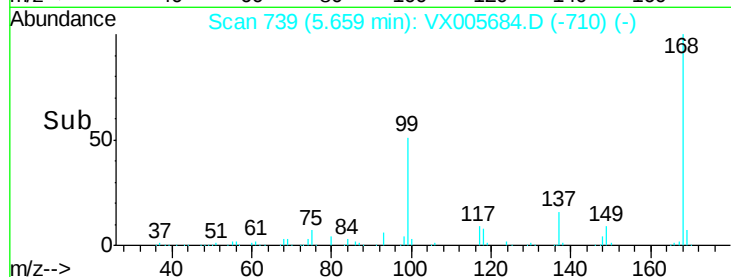
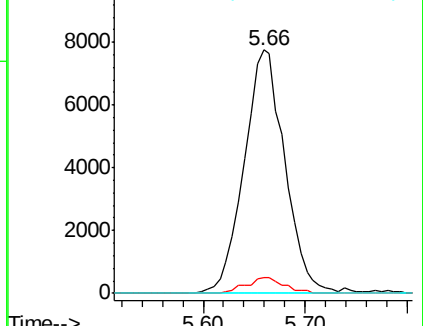
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 46.15 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005684.D

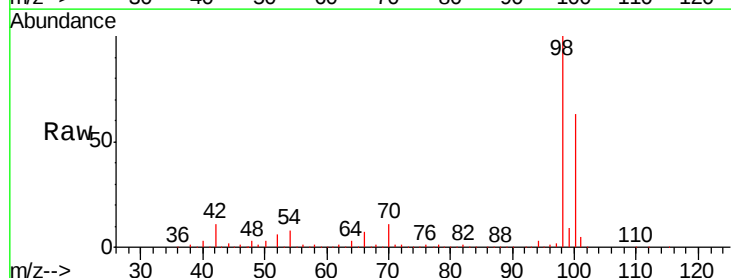
Acq: 30 Oct 2018 11:46

Tgt Ion: 98 Resp: 421075

Ion Ratio Lower Upper

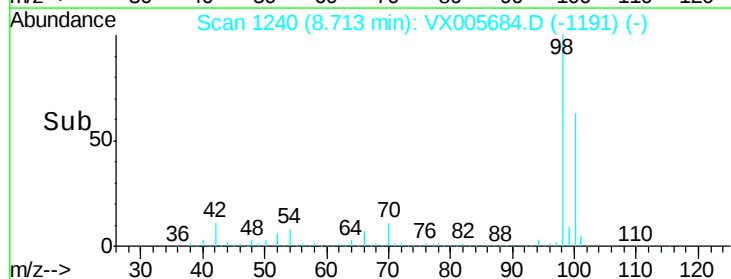
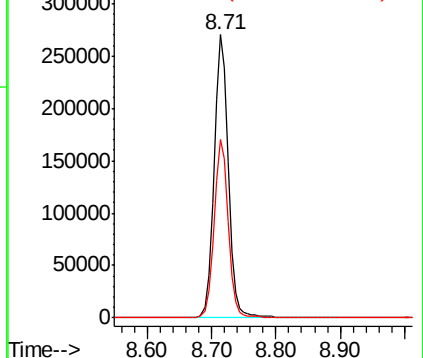
98 100

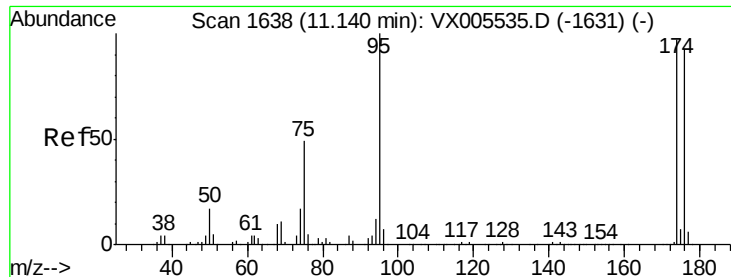
100 63.1 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

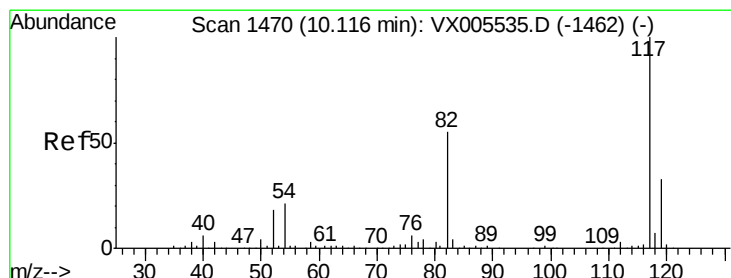
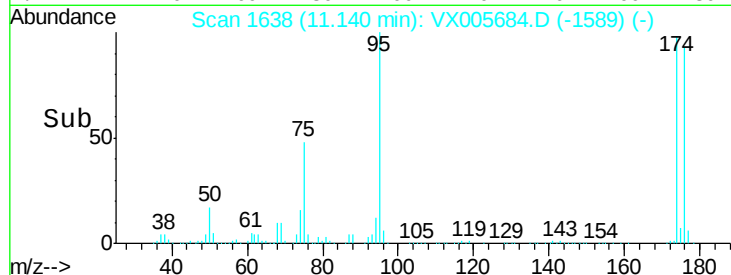
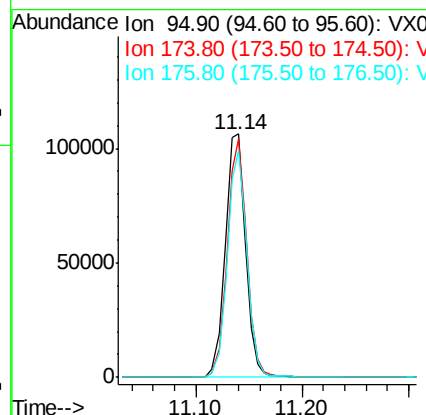
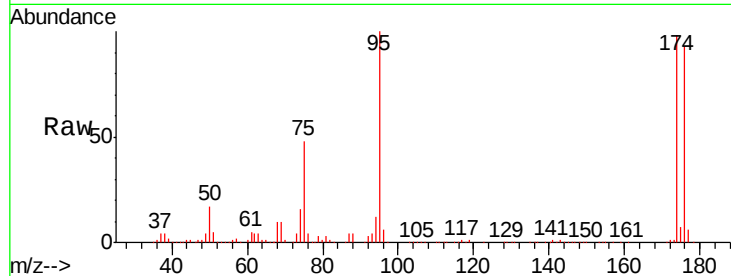




#62
4-Bromofluorobenzene
Concen: 41.15 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005684.D
Acq: 30 Oct 2018 11:46

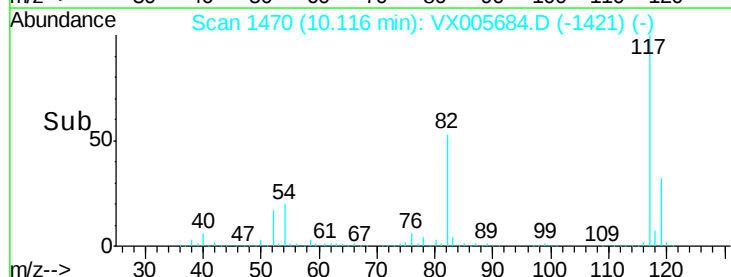
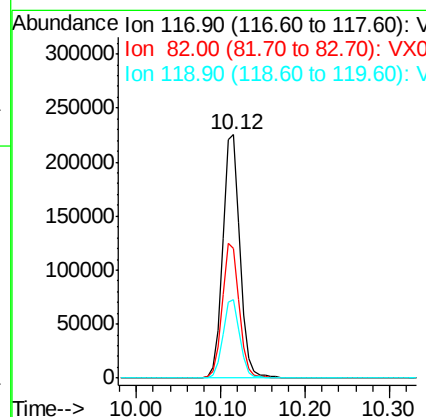
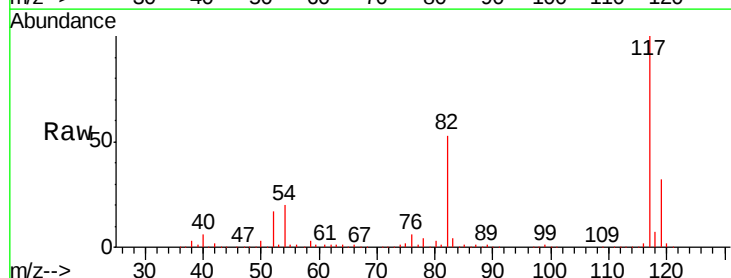
Instrument :
MSVOA_X
ClientSampled :
VX1030MBL01

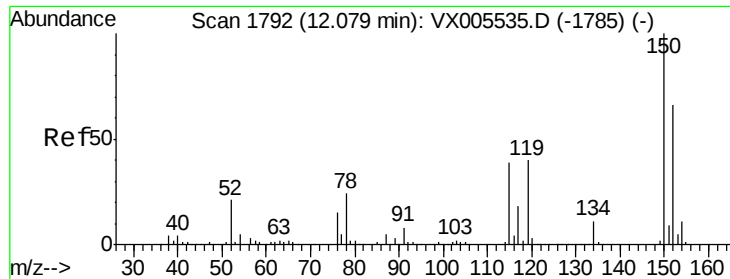
Tgt Ion: 95 Resp: 141787
Ion Ratio Lower Upper
95 100
174 94.0 0.0 184.4
176 89.5 0.0 177.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005684.D
Acq: 30 Oct 2018 11:46

Tgt Ion: 117 Resp: 318634
Ion Ratio Lower Upper
117 100
82 53.3 44.1 66.1
119 32.3 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005684.D

Acq: 30 Oct 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX1030MBL01

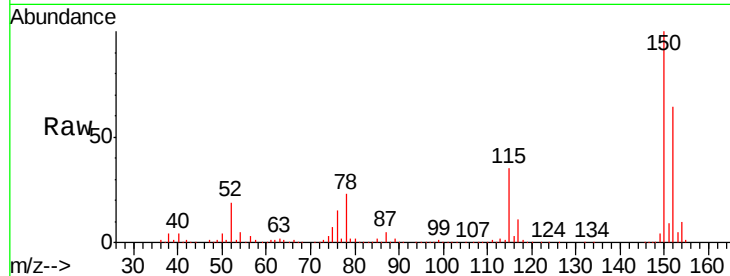
Tgt Ion:152 Resp: 155504

Ion Ratio Lower Upper

152 100

115 55.3 39.4 118.1

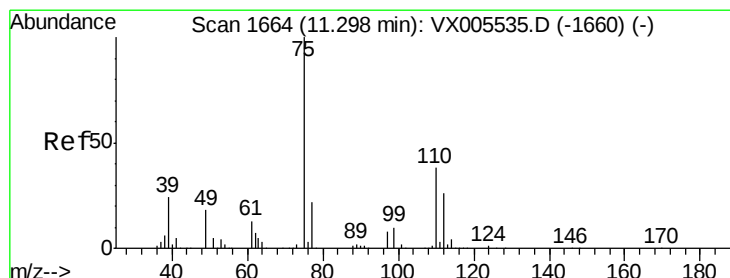
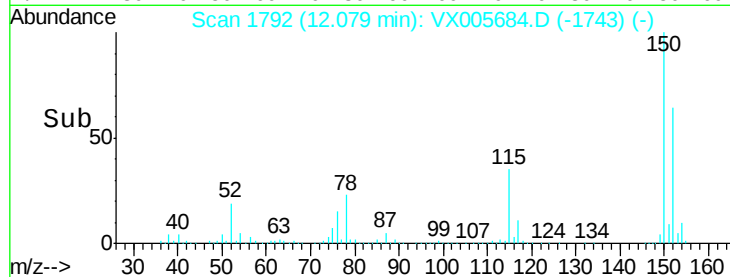
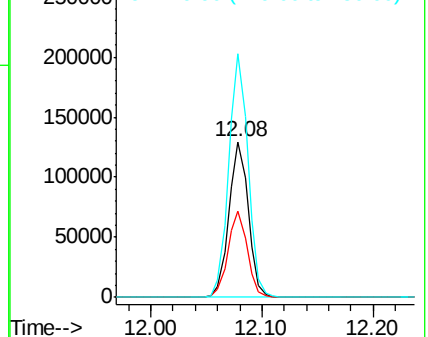
150 156.2 0.0 346.4



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: 21.30 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX005684.D

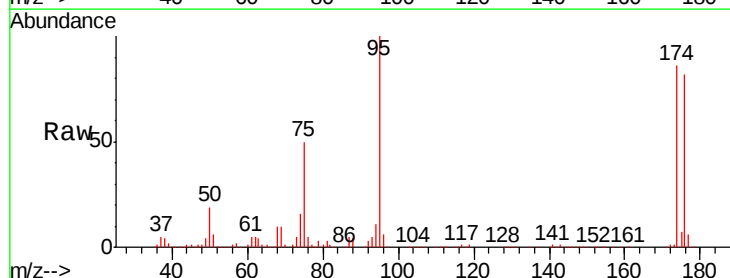
Acq: 30 Oct 2018 11:46

Tgt Ion: 75 Resp: 70171

Ion Ratio Lower Upper

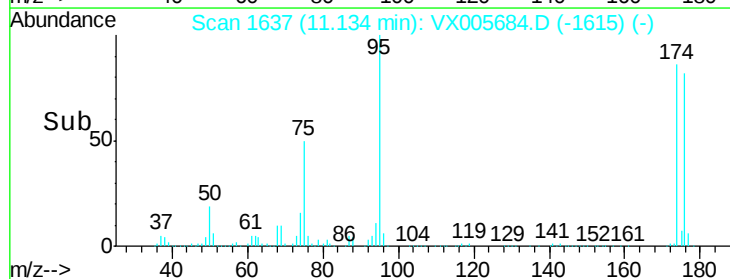
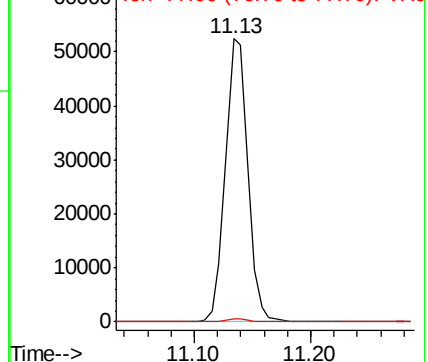
75 100

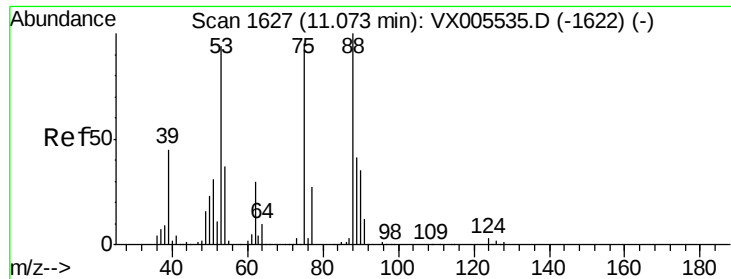
77 1.2 20.5 61.6#



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: 69.59 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX005684.D

Acq: 30 Oct 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX1030MBL01

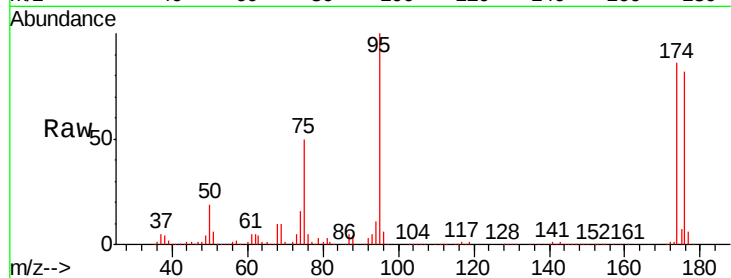
Tgt Ion: 75 Resp: 70171

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

