

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102618\
 Data File : VX005607.D
 Acq On : 26 Oct 2018 16:16
 Operator : JC/MD
 Sample : J5675-05ME
 Misc : 6.03g/5ml/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-13ME

Quant Time: Oct 27 04:46:43 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	5.65	168	271254	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.86	114	387425	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	330561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171044	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	157857	47.67	ug/l	0.00
Spiked Amount			Recovery	=	95.34%	
35) Dibromofluoromethane	5.50	113	121717	46.40	ug/l	0.00
Spiked Amount			Recovery	=	92.80%	
50) Toluene-d8	8.71	98	420430	44.60	ug/l	0.00
Spiked Amount			Recovery	=	89.20%	
62) 4-Bromofluorobenzene	11.14	95	153021	42.99	ug/l	0.00
Spiked Amount			Recovery	=	85.98%	

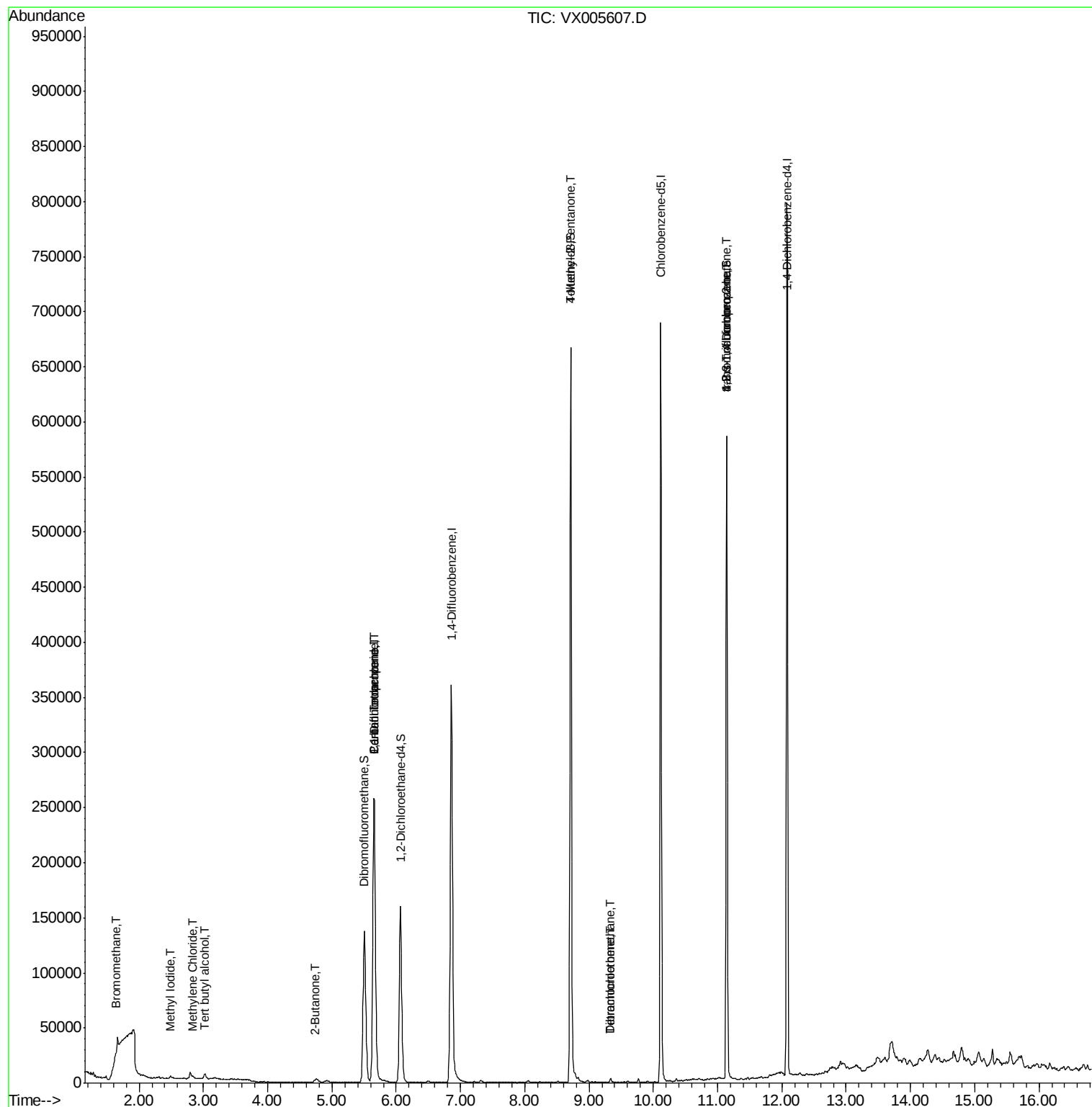
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	986	0.473	ug/l	85
10) Methyl Iodide	2.48	142	572	2.919	ug/l #	92
11) Tert butyl alcohol	3.02	59	3546	3.980	ug/l #	73
18) Methyl Acetate	2.79	43	5501	Below Cal		99
20) Methylene Chloride	2.84	84	897	0.306	ug/l #	77
25) 2-Butanone	4.74	43	1869	0.701	ug/l	94
36) 1,1-Dichloropropene	5.66	75	17877	4.755	ug/l #	49
38) Carbon Tetrachloride	5.65	117	23588	5.957	ug/l #	16
51) 4-Methyl-2-Pentanone	8.71	43	2410	0.499	ug/l #	1
60) Dibromochloromethane	9.34	129	596	0.207	ug/l #	10
64) Tetrachloroethene	9.34	164	768	0.280	ug/l	95
76) 1,2,3-Trichloropropane	11.14	75	75318	20.783	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.14	75	75318	67.909	ug/l #	9

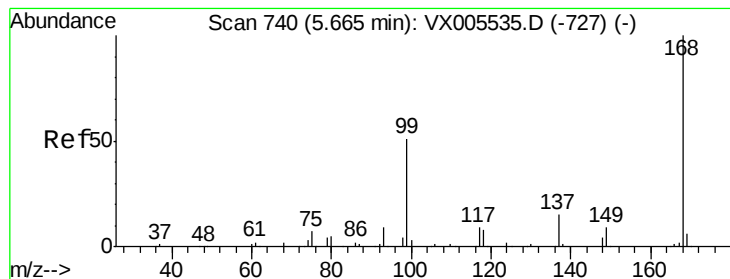
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102618\
Data File : VX005607.D
Acq On : 26 Oct 2018 16:16
Operator : JC/MD
Sample : J5675-05ME
Misc : 6.03q/5ml/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP-13ME

Quant Time: Oct 27 04:46:43 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: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX005607.D

Acq: 26 Oct 2018 16:16

Instrument :

MSVOA_X

ClientSampleId :

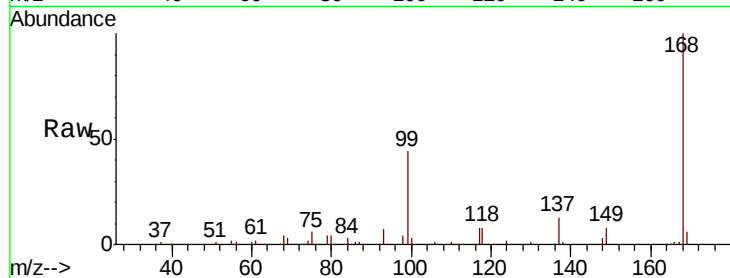
TP-13ME

Tot Ion:168 Resp: 271254

Ion Ratio Lower Upper

168 100

99 44.1 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

120000

100000

80000

60000

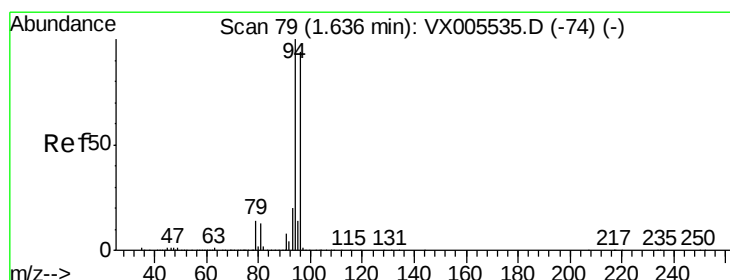
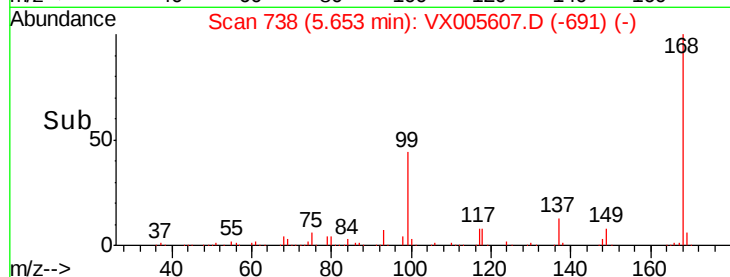
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.473 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005607.D

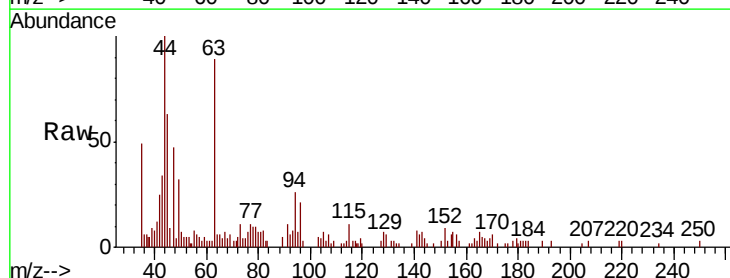
Acq: 26 Oct 2018 16:16

Tgt Ion: 94 Resp: 986

Ion Ratio Lower Upper

94 100

96 79.5 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

800

600

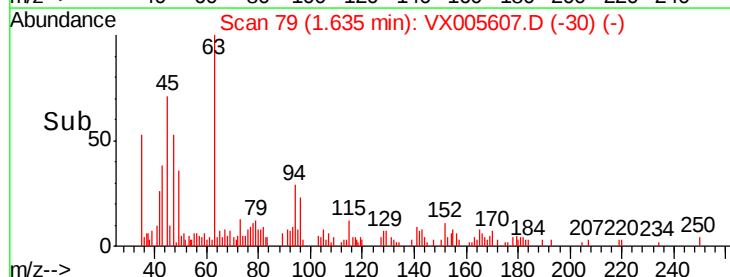
400

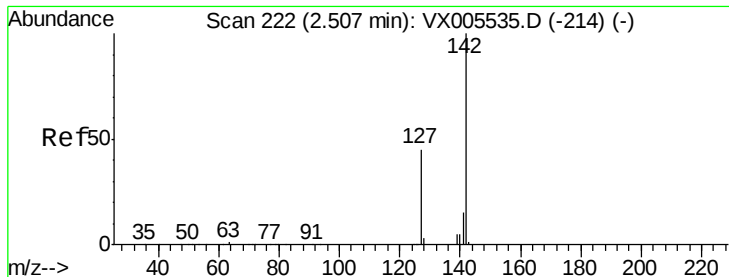
200

0

Time-->

1.60 1.65

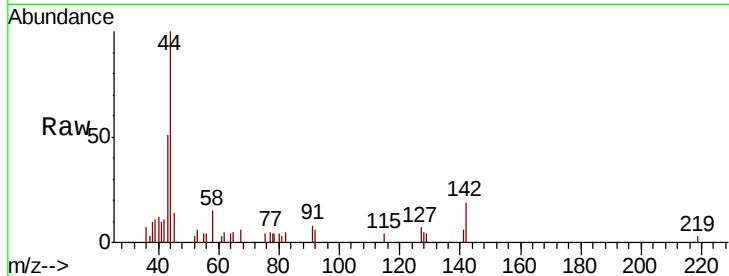




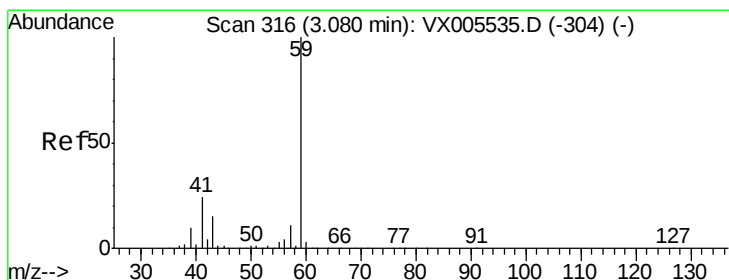
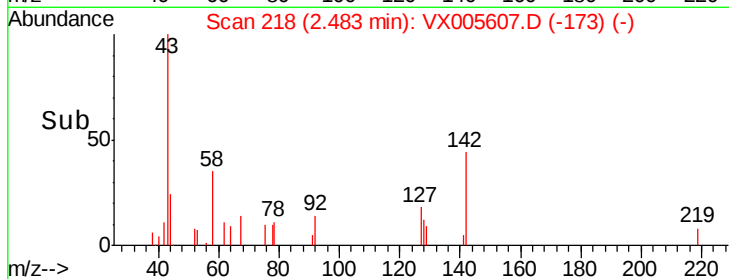
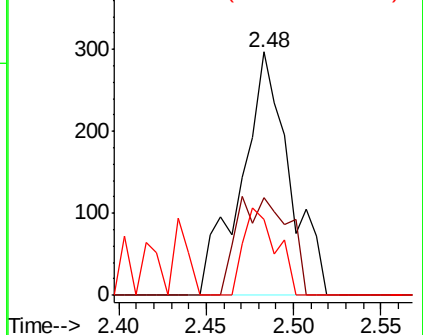
#10
Methvl Iodide
Concen: 2.919 ug/l
RT: 2.48 min Scan# 218
Delta R.T. -0.02 min
Lab File: VX005607.D
Acq: 26 Oct 2018 16:16

Instrument :
MSVOA_X
ClientSampleId :
TP-13ME

Tot Ion:142 Resp: 572
Ion Ratio Lower Upper
142 100
127 42.8 36.0 54.0
141 24.3 11.7 17.5#

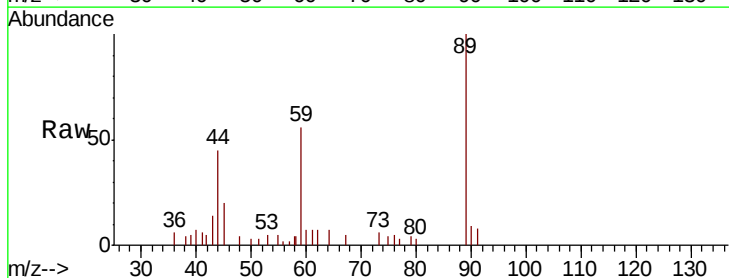


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

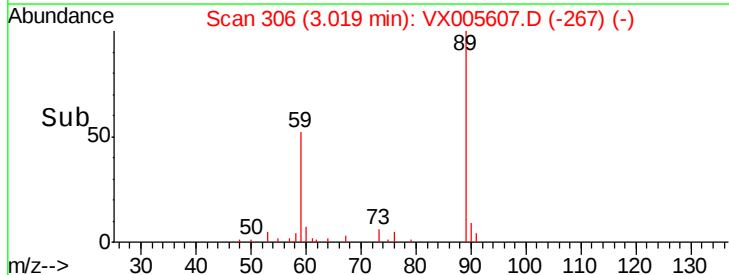
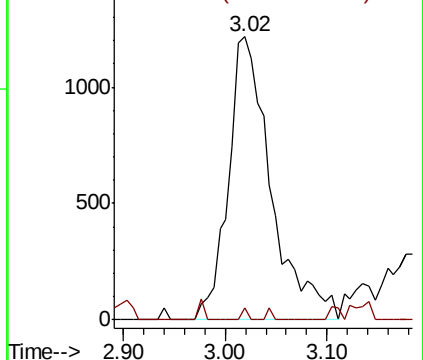


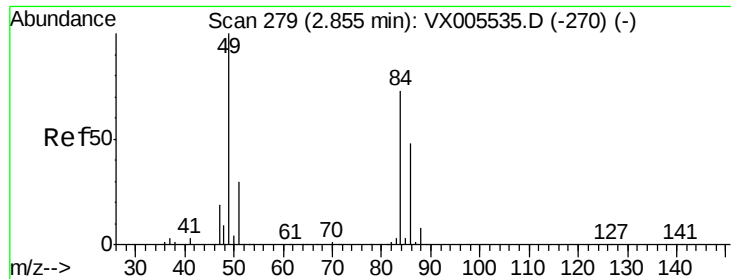
#11
Tert butyl alcohol
Concen: 3.980 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX005607.D
Acq: 26 Oct 2018 16:16

Tgt Ion: 59 Resp: 3546
Ion Ratio Lower Upper
59 100
57 0.5 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

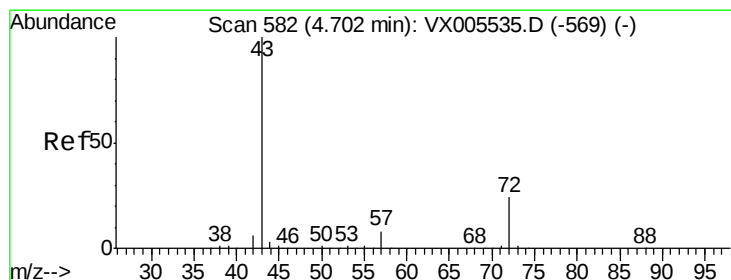
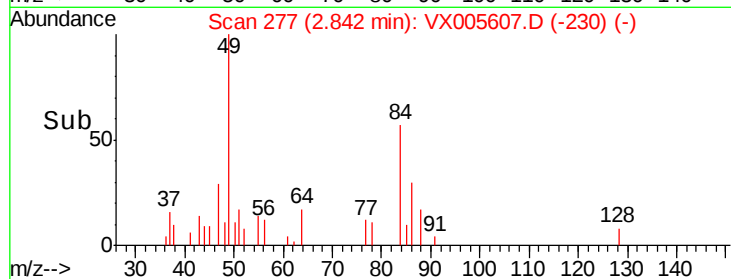
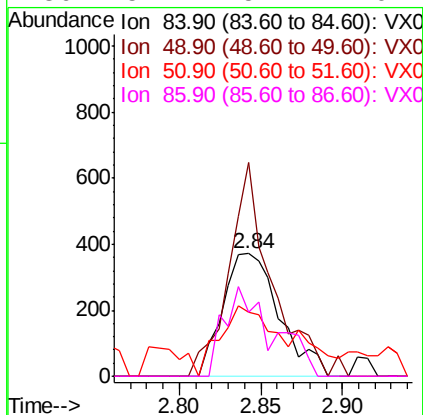
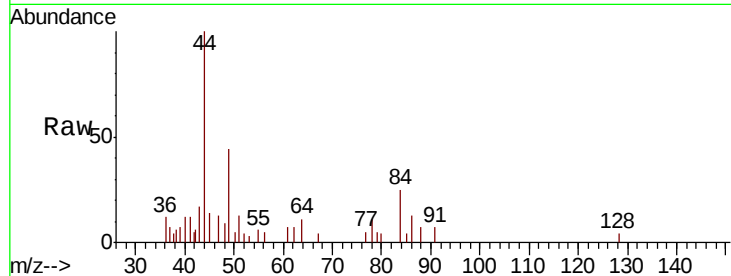




#20
Methvlene Chloride
Concen: 0.306 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.01 min
Lab File: VX005607.D
Acq: 26 Oct 2018 16:16

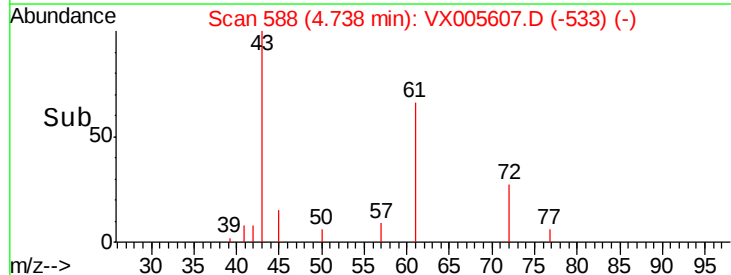
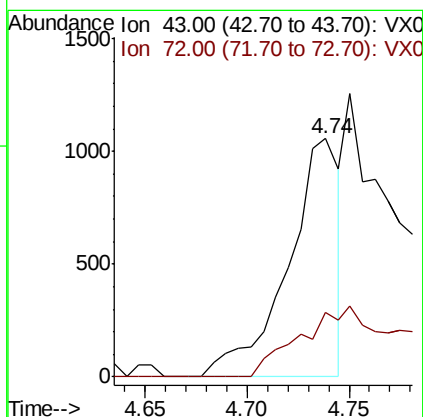
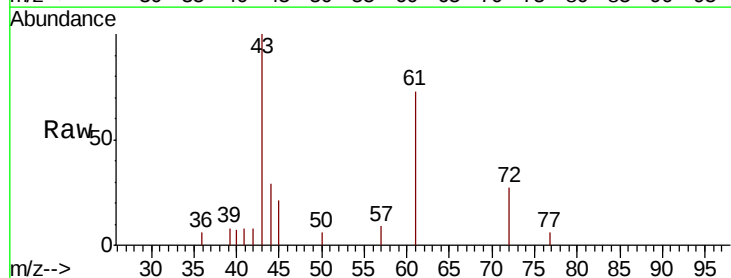
Instrument :
MSVOA_X
ClientSampleId :
TP-13ME

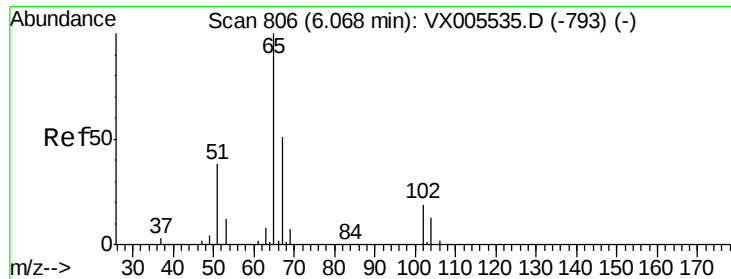
Tot Ion: 84 Resp: 897
Ion Ratio Lower Upper
84 100
49 173.9 109.5 164.3#
51 37.1 33.3 49.9
86 52.2 52.7 79.1#



#25
2-Butanone
Concen: 0.701 ug/l
RT: 4.74 min Scan# 588
Delta R.T. 0.04 min
Lab File: VX005607.D
Acq: 26 Oct 2018 16:16

Tgt Ion: 43 Resp: 1869
Ion Ratio Lower Upper
43 100
72 27.1 19.2 28.8





#33

1,2-Dichloroethane-d4

Concen: 47.674 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005607.D

Acq: 26 Oct 2018 16:16

Instrument :

MSVOA_X

ClientSampleId :

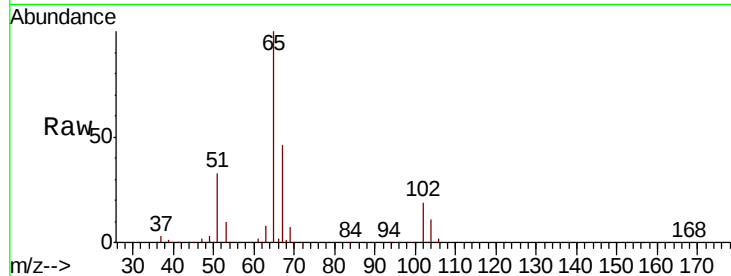
TP-13ME

Tot Ion: 65 Resp: 157857

Ion Ratio Lower Upper

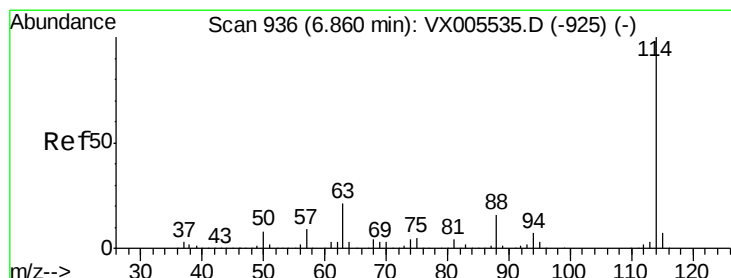
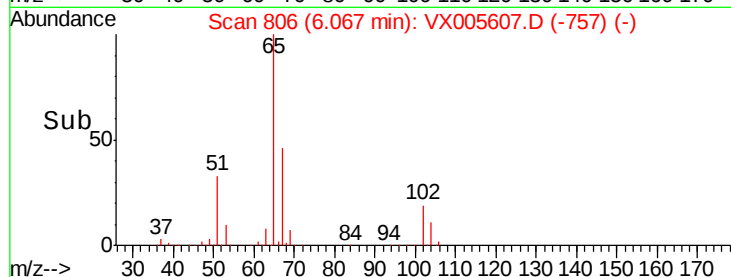
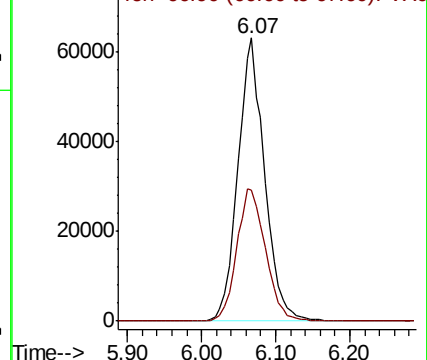
65 100

67 50.5 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: VX005607.D

Acq: 26 Oct 2018 16:16

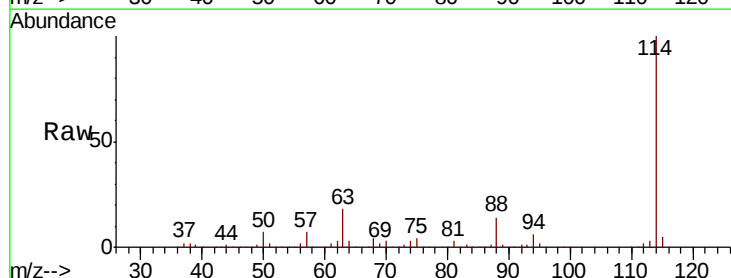
Tgt Ion: 114 Resp: 387425

Ion Ratio Lower Upper

114 100

63 17.7 0.0 42.8

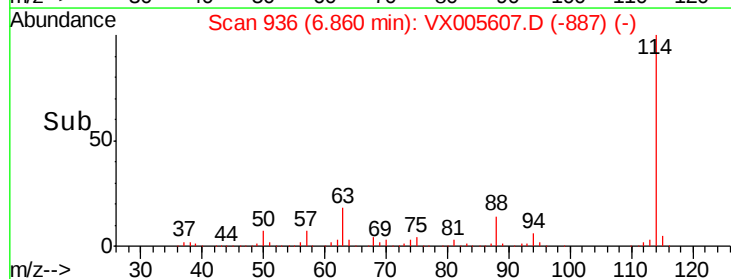
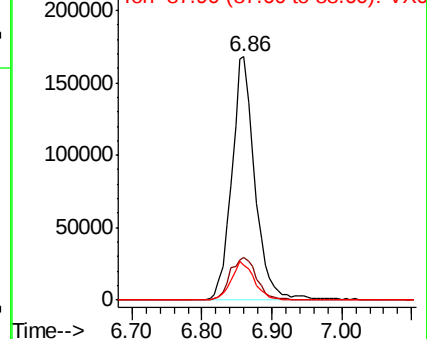
88 14.3 0.0 31.2

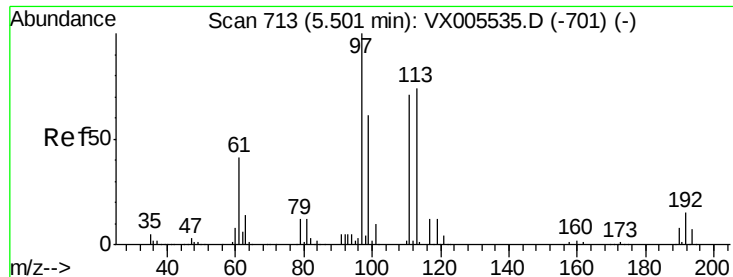


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

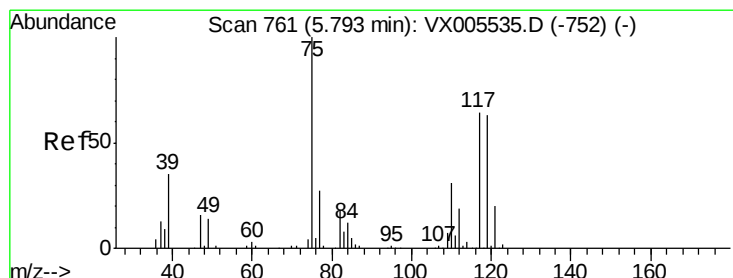
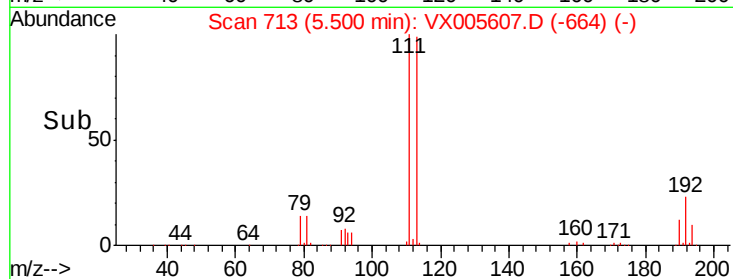
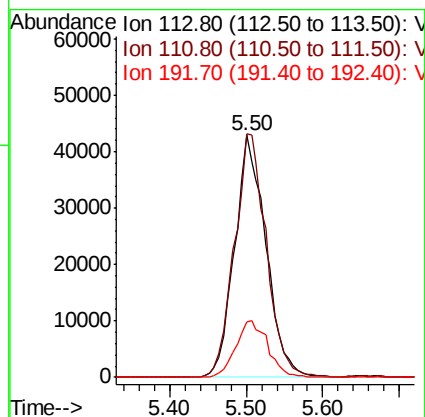
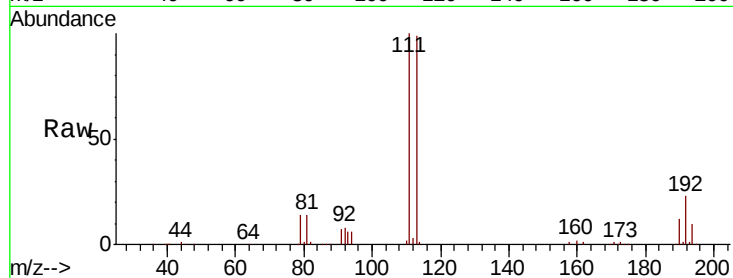




#35
 Dibromofluoromethane
 Concen: 46.398 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005607.D
 Acq: 26 Oct 2018 16:16

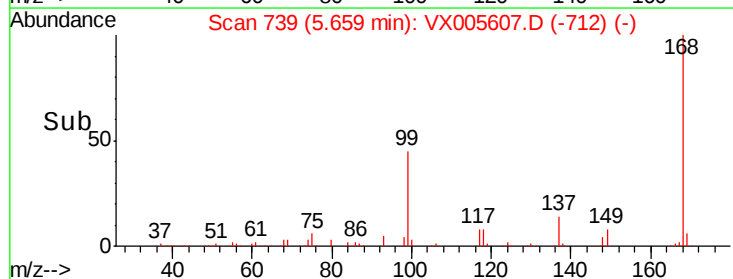
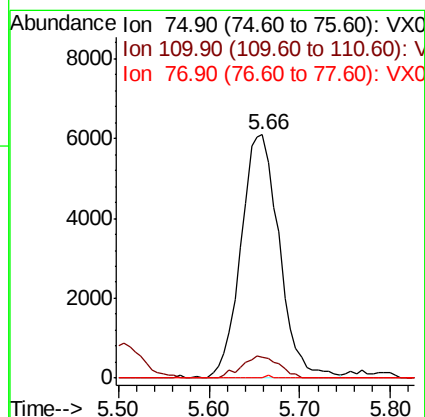
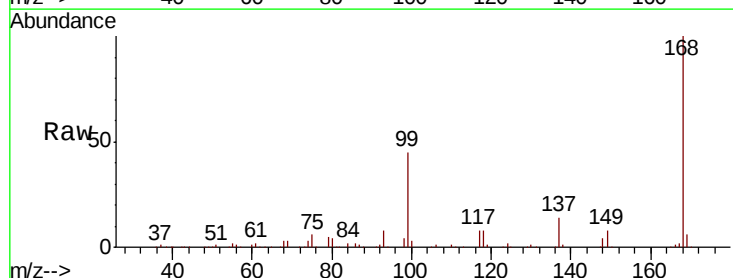
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-13ME

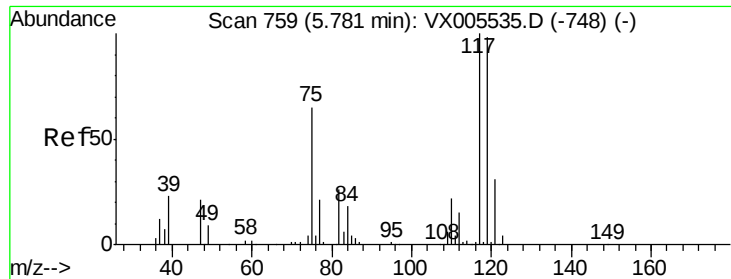
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.3	123.5
192	23.9	17.9	26.9



#36
 1,1-Dichloropropene
 Concen: 4.755 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX005607.D
 Acq: 26 Oct 2018 16:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.4	52.2#
77	0.1	25.8	38.6#

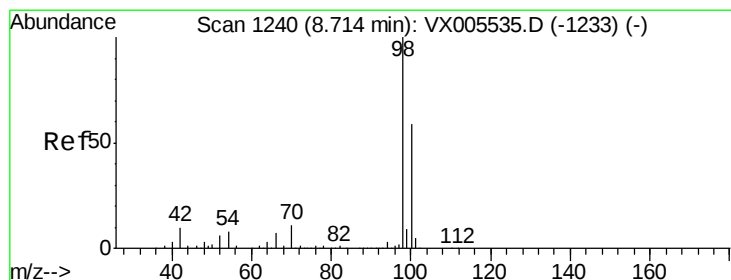
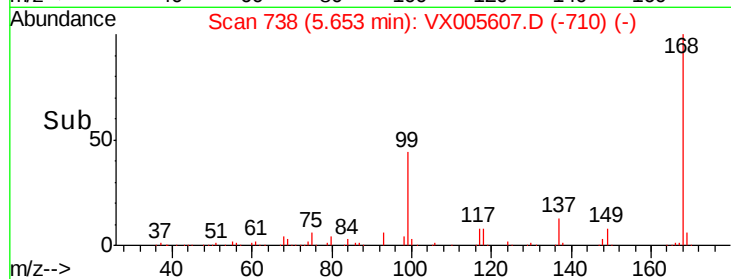
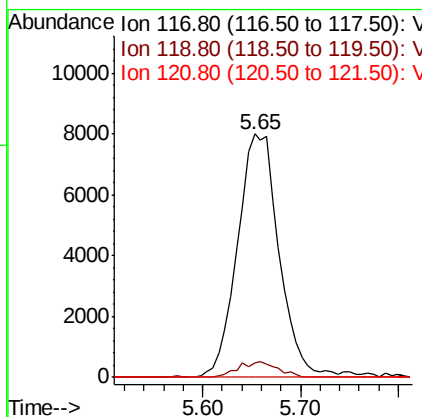
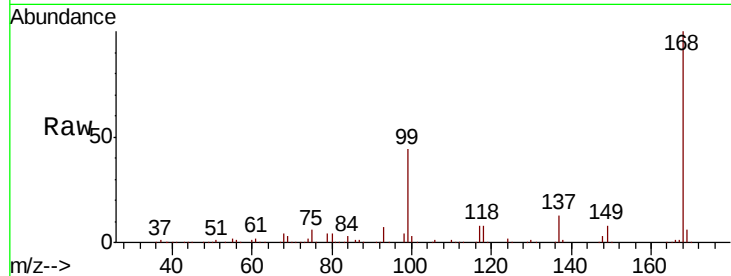




#38
Carbon Tetrachloride
Concen: 5.957 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.13 min
Lab File: VX005607.D
Acq: 26 Oct 2018 16:16

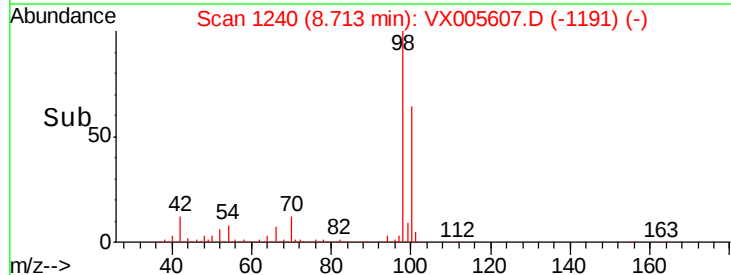
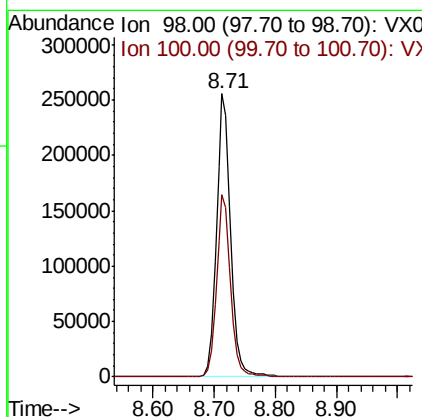
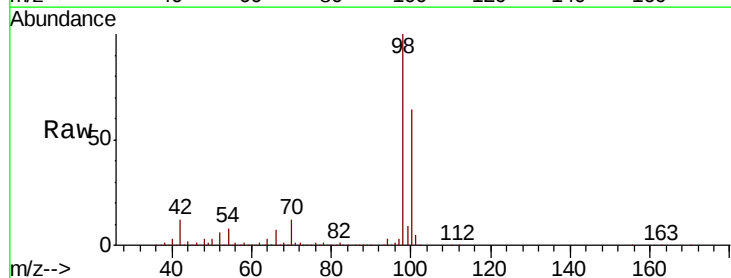
Instrument :
MSVOA_X
ClientSampleId :
TP-13ME

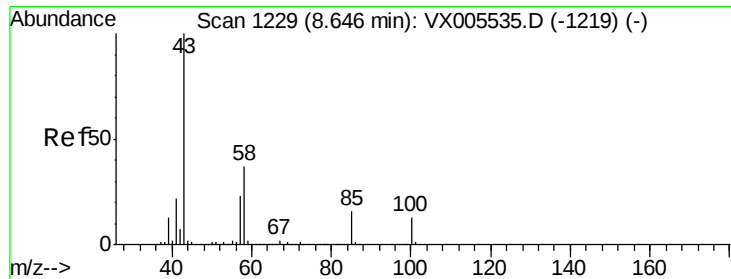
Tot Ion:117 Resp: 23588
Ion Ratio Lower Upper
117 100
119 5.8 78.1 117.1#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 44.603 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005607.D
Acq: 26 Oct 2018 16:16

Tgt Ion: 98 Resp: 420430
Ion Ratio Lower Upper
98 100
100 63.9 51.3 76.9

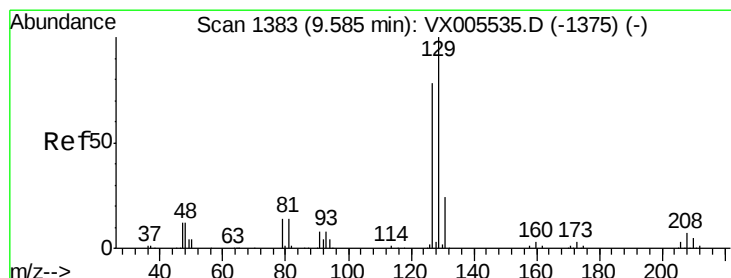
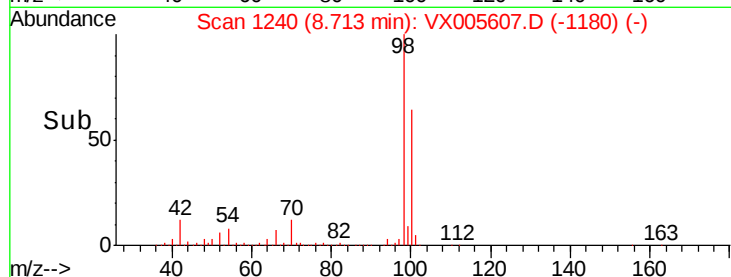
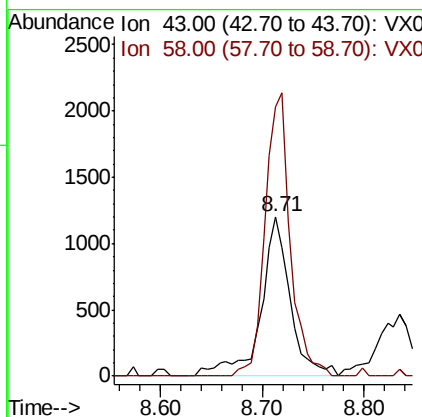
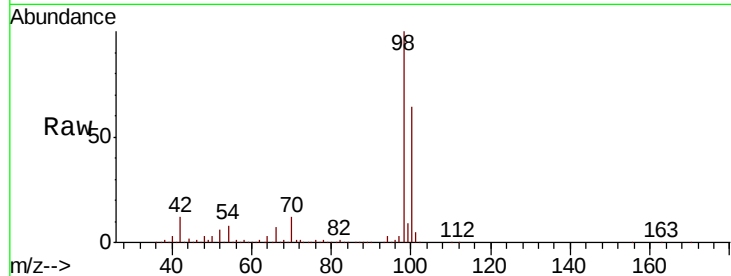




#51
4-Methyl-2-Pentanone
Concen: 0.499 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.07 min
Lab File: VX005607.D
Acq: 26 Oct 2018 16:16

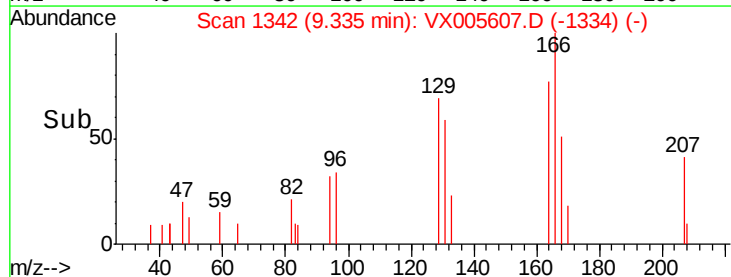
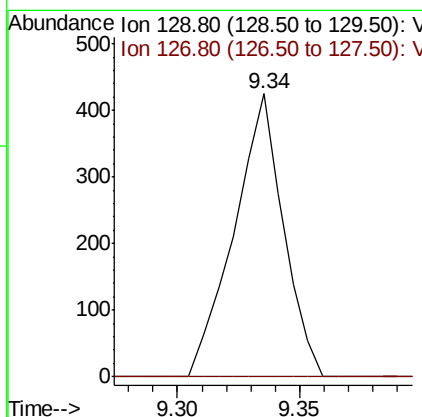
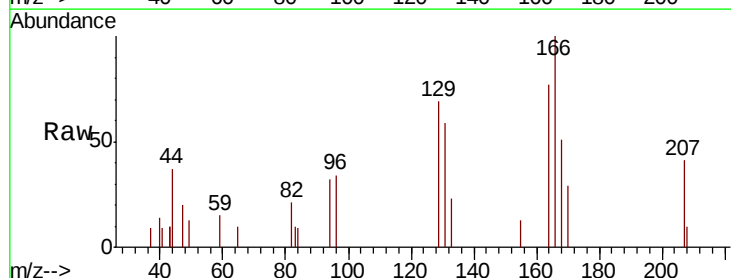
Instrument :
MSVOA_X
ClientSampleId :
TP-13ME

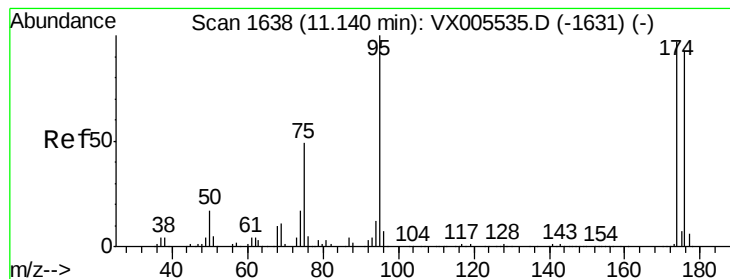
Tot Ion: 43 Resp: 2410
Ion Ratio Lower Upper
43 100
58 152.0 29.7 44.5#



#60
Dibromochloromethane
Concen: 0.207 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.25 min
Lab File: VX005607.D
Acq: 26 Oct 2018 16:16

Tgt Ion: 129 Resp: 596
Ion Ratio Lower Upper
129 100
127 0.0 38.9 116.7#





#62

4-Bromofluorobenzene

Concen: 42.987 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005607.D

Acq: 26 Oct 2018 16:16

Instrument :

MSVOA_X

ClientSampleId :

TP-13ME

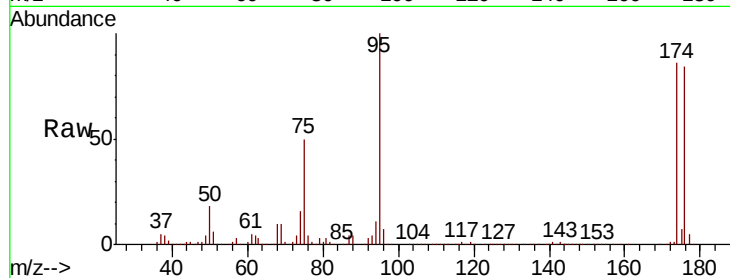
Tot Ion: 95 Resp: 153021

Ion Ratio Lower Upper

95 100

174 91.5 0.0 184.4

176 88.0 0.0 177.4

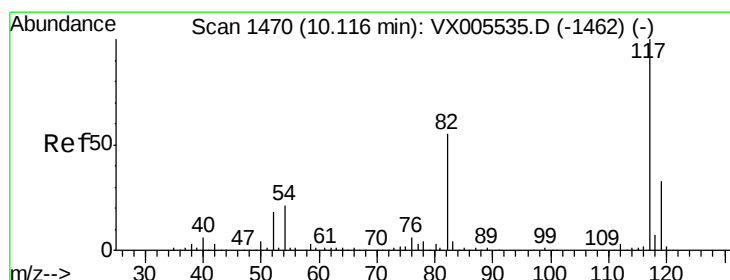
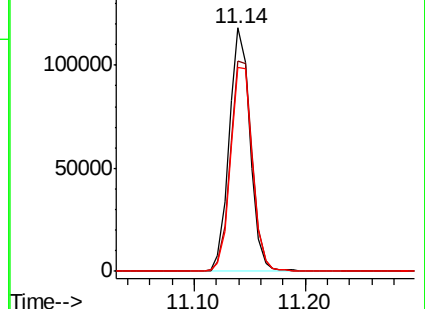
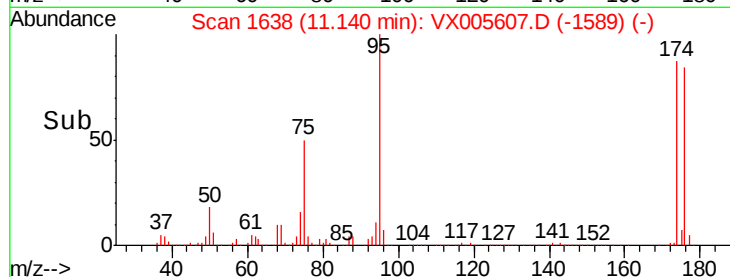


Abundance Ion 94.90 (94.60 to 95.60): VX005535.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX005535.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX005535.D (-1631) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005607.D

Acq: 26 Oct 2018 16:16

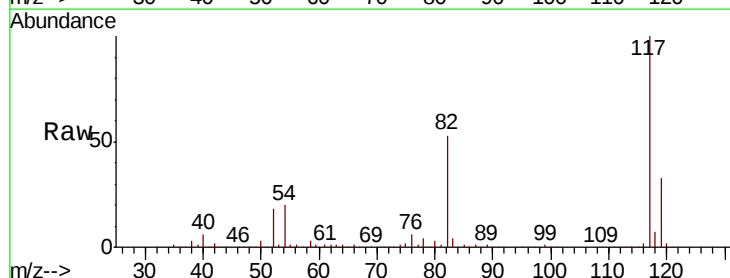
Tgt Ion: 117 Resp: 330561

Ion Ratio Lower Upper

117 100

82 53.3 44.1 66.1

119 33.0 26.2 39.2

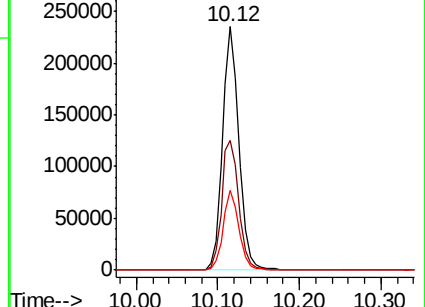
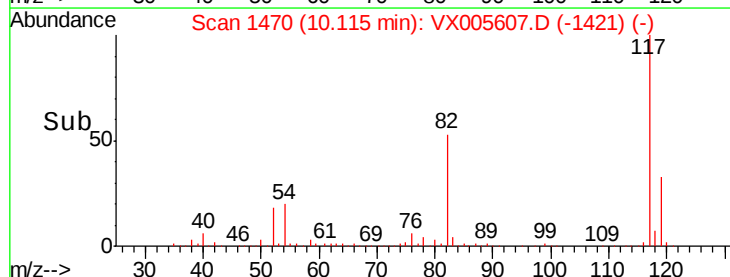


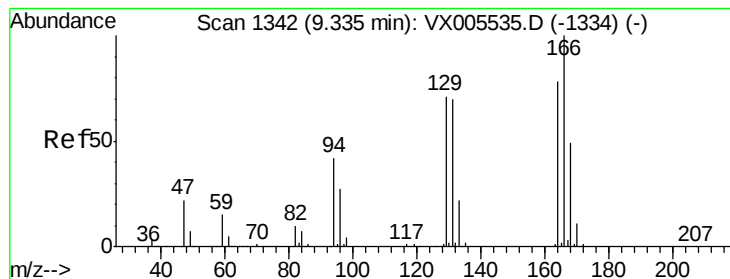
Abundance Ion 116.90 (116.60 to 117.60): VX005535.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX005535.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX005535.D (-1462) (-)

Time-->





#64

Tetrachloroethene

Concen: 0.280 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX005607.D

Acq: 26 Oct 2018 16:16

Instrument :

MSVOA_X

ClientSampleId :

TP-13ME

Tot Ion:164 Resp: 768

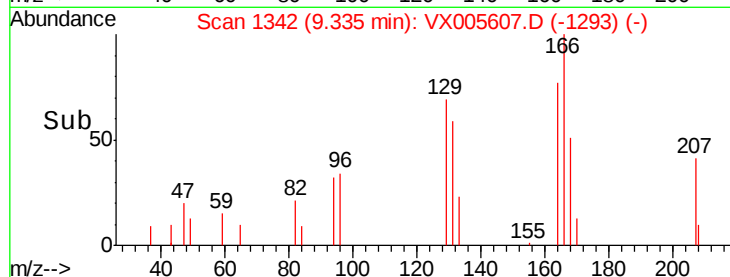
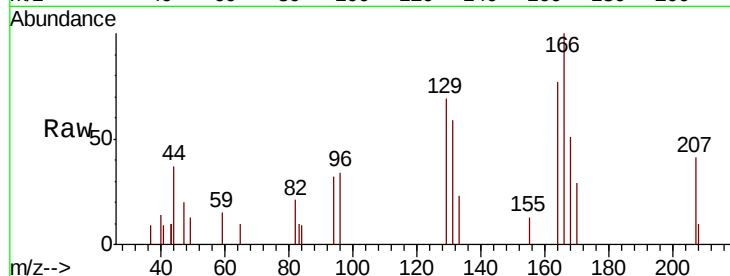
Ion Ratio Lower Upper

164 100

166 130.0 101.9 152.9

129 89.3 72.6 109.0

131 76.9 71.1 106.7

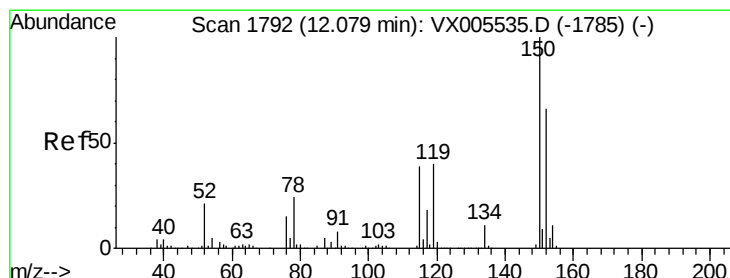
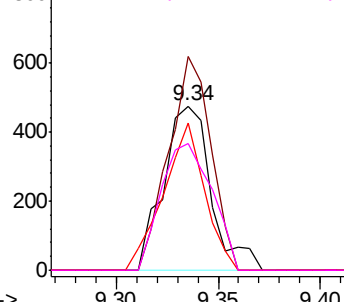


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VX005607.D

Acq: 26 Oct 2018 16:16

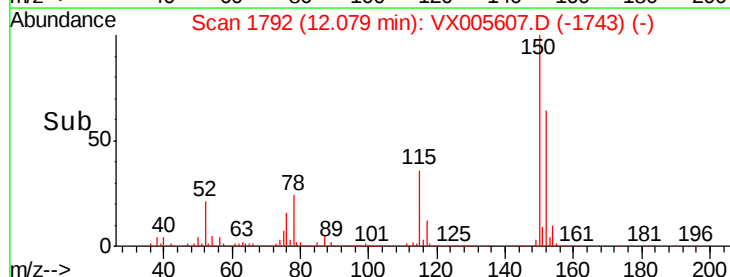
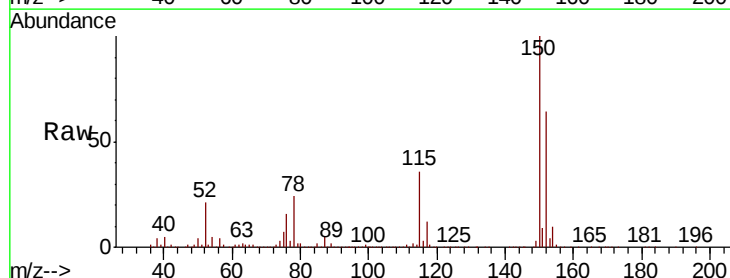
Tgt Ion:152 Resp: 171044

Ion Ratio Lower Upper

152 100

115 55.6 39.4 118.1

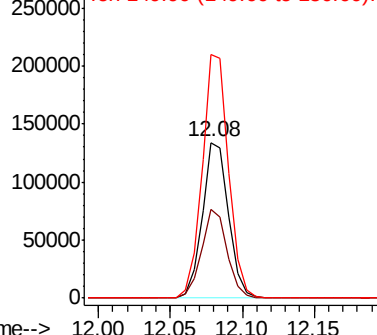
150 157.0 0.0 346.4

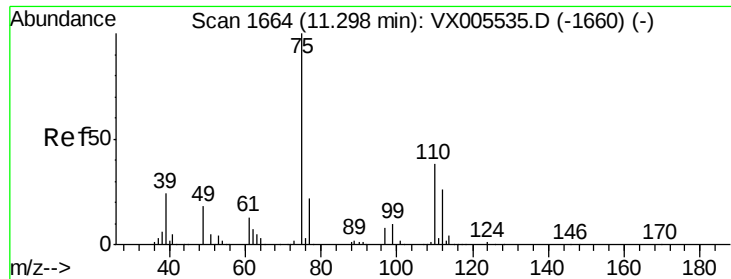


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 20.783 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005607.D

Acq: 26 Oct 2018 16:16

Instrument :

MSVOA_X

ClientSampleId :

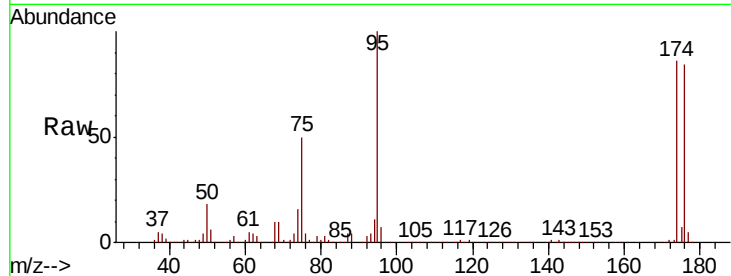
TP-13ME

Tot Ion: 75 Resp: 75318

Ion Ratio Lower Upper

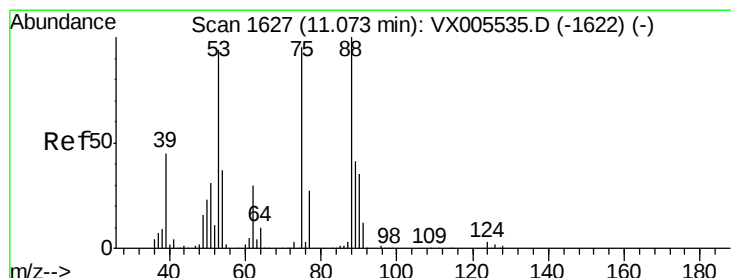
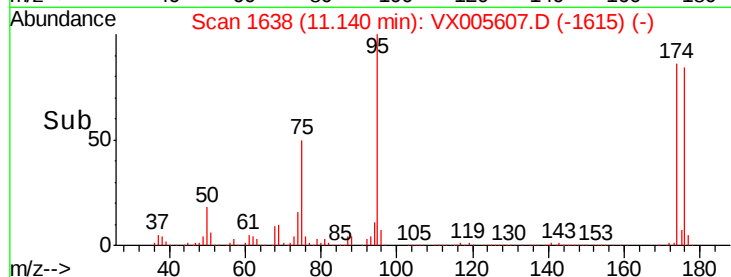
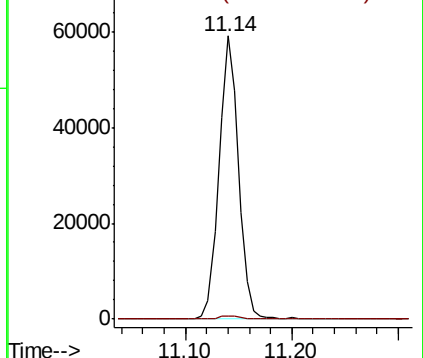
75 100

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: 67.909 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX005607.D

Acq: 26 Oct 2018 16:16

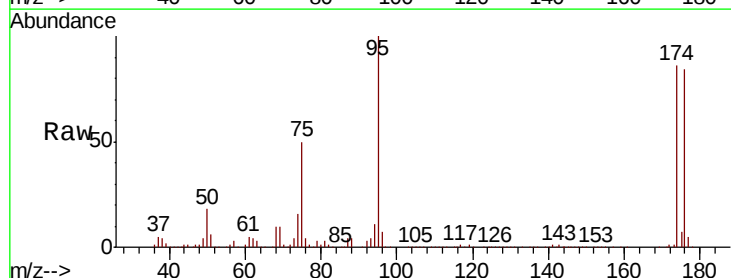
Tgt Ion: 75 Resp: 75318

Ion Ratio Lower Upper

75 100

53 0.2 80.2 120.2#

89 0.1 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

