

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102918\
 Data File : VX005660.D
 Acq On : 29 Oct 2018 15:11
 Operator : JC/MD
 Sample : J5692-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FT-PZ456S-20181025

Quant Time: Oct 30 01:59:15 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	214447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	314255	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	279062	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	182132	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	136122	52.00	ug/l	0.00
Spiked Amount			Recovery	=	104.00%	
35) Dibromofluoromethane	5.51	113	105268	49.47	ug/l	0.00
Spiked Amount			Recovery	=	98.94%	
50) Toluene-d8	8.71	98	376359	49.22	ug/l	0.00
Spiked Amount			Recovery	=	98.44%	
62) 4-Bromofluorobenzene	11.14	95	132765	45.98	ug/l	0.00
Spiked Amount			Recovery	=	91.96%	

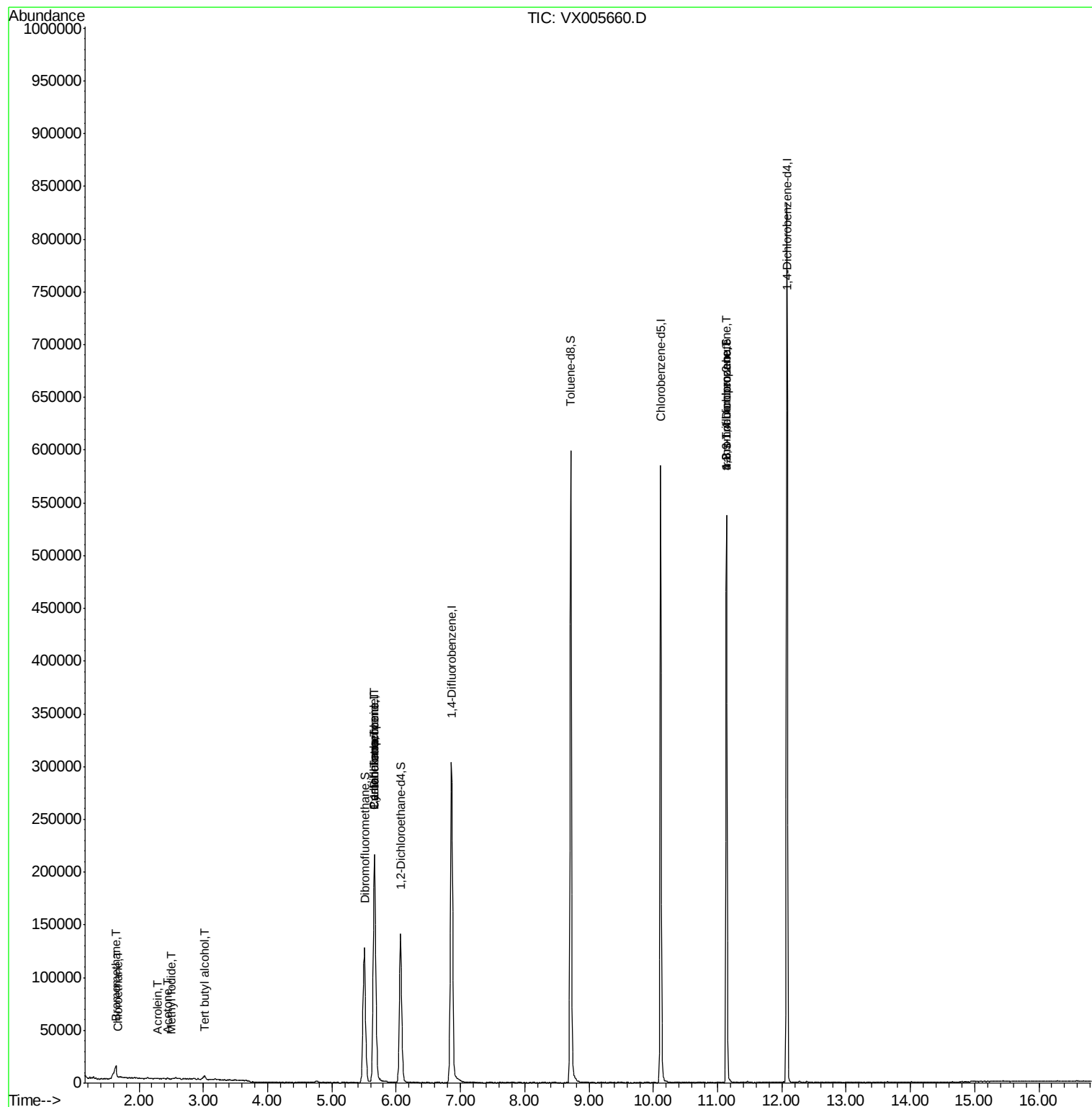
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	666	0.404	ug/l	84
6) Chloroethane	1.67	64	3919	2.314	ug/l #	64
10) Methyl Iodide	2.51	142	472	2.928	ug/l #	86
11) Tert butyl alcohol	3.01	59	1907	2.707	ug/l #	75
13) Acrolein	2.28	56	73	0.203	ug/l #	1
16) Acetone	2.45	43	418	0.302	ug/l #	53
18) Methyl Acetate	2.79	43	195	Below Cal	#	39
31) Cyclohexane	5.67	56	4217	1.195	ug/l #	21
36) 1,1-Dichloropropene	5.65	75	15617	5.121	ug/l #	49
38) Carbon Tetrachloride	5.66	117	20070	6.248	ug/l #	15
76) 1,2,3-Trichloropropane	11.14	75	67137	17.398	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	67137	56.848	ug/l #	9

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

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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: VX005660.D

Acq: 29 Oct 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

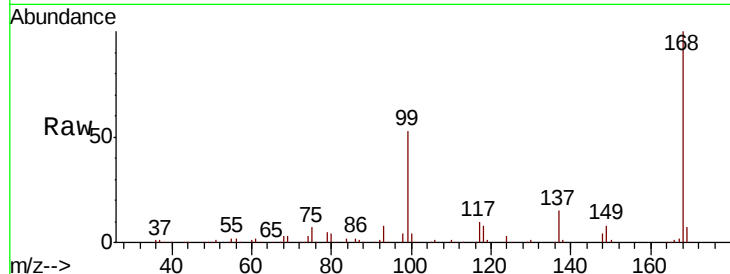
FT-PZ456S-20181025

Tot Ion:168 Resp: 214447

Ion Ratio Lower Upper

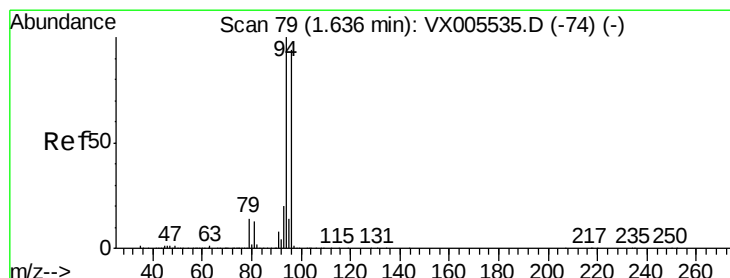
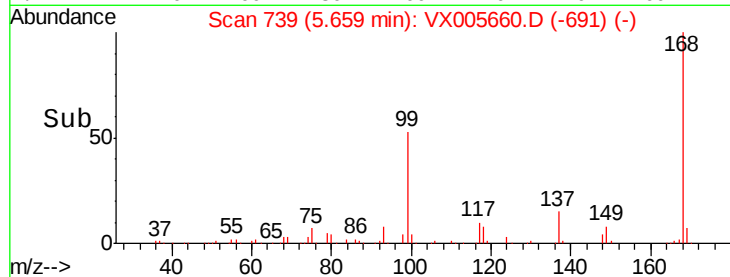
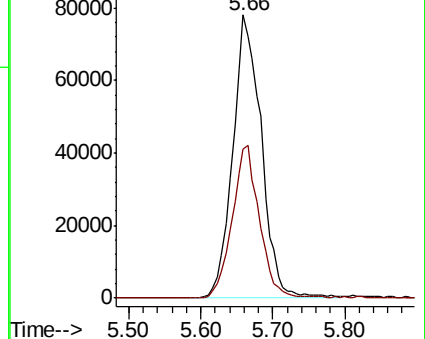
168 100

99 52.6 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.404 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX005660.D

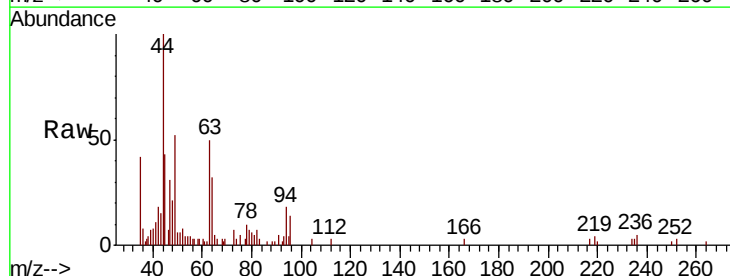
Acq: 29 Oct 2018 15:11

Tgt Ion: 94 Resp: 666

Ion Ratio Lower Upper

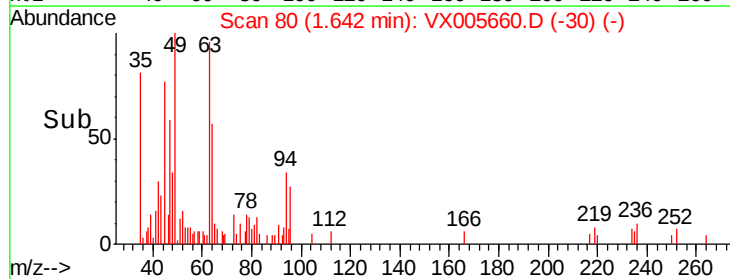
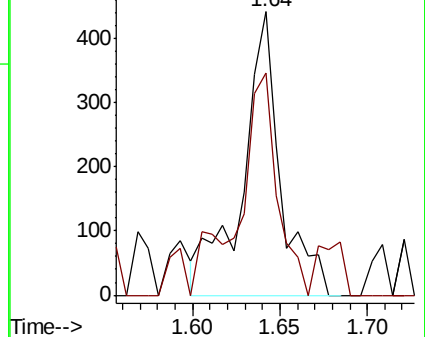
94 100

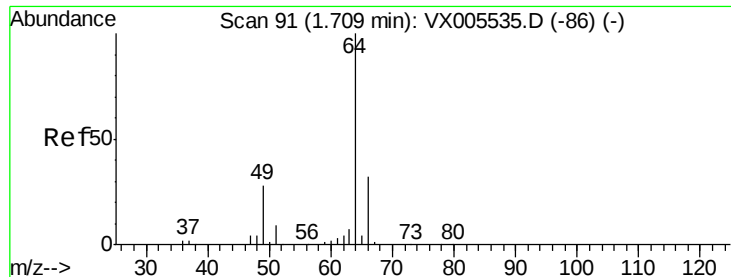
96 78.5 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 2.314 ug/l

RT: 1.67 min Scan# 84

Delta R.T. -0.04 min

Lab File: VX005660.D

Acq: 29 Oct 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

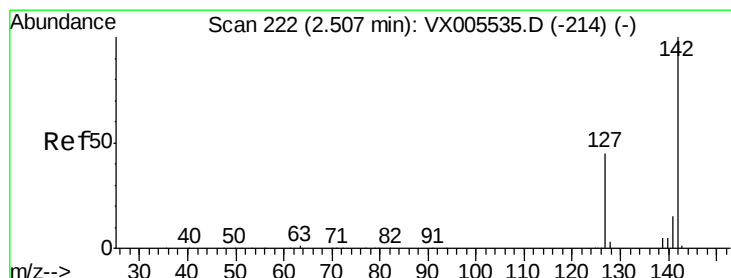
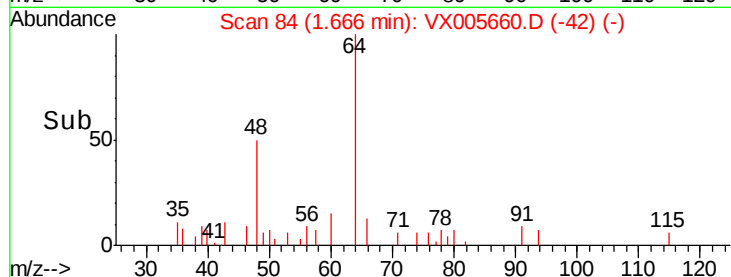
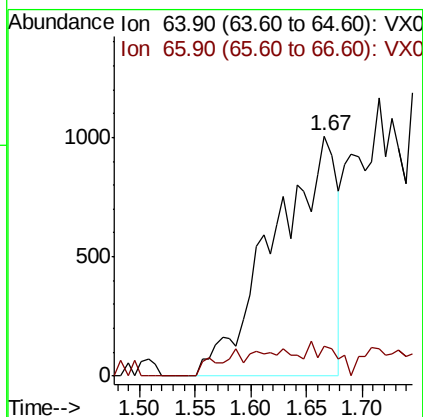
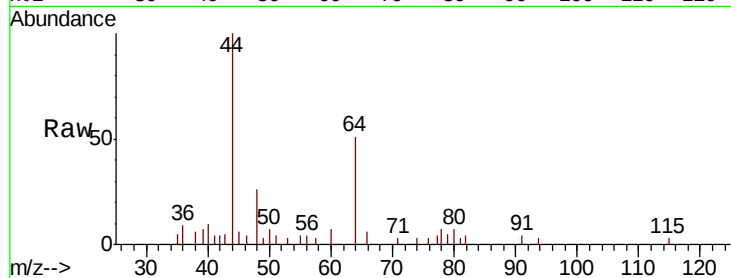
FT-PZ456S-20181025

Tot Ion: 64 Resp: 3919

Ion Ratio Lower Upper

64 100

66 12.2 25.8 38.6#



#10

Methyl Iodide

Concen: 2.928 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005660.D

Acq: 29 Oct 2018 15:11

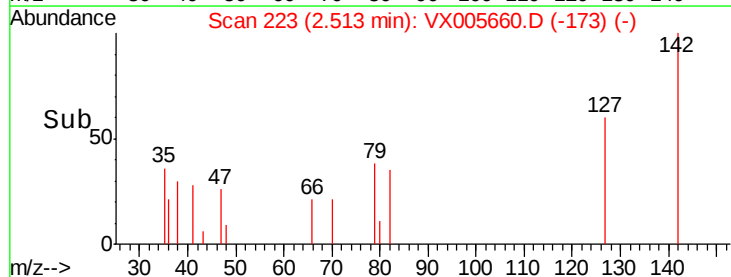
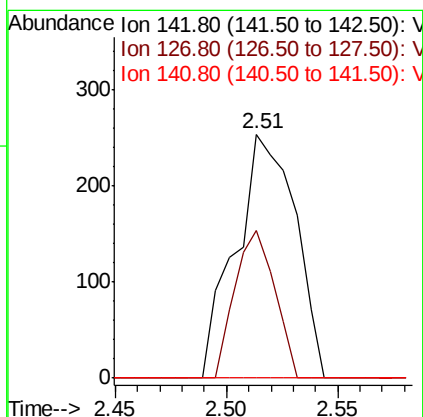
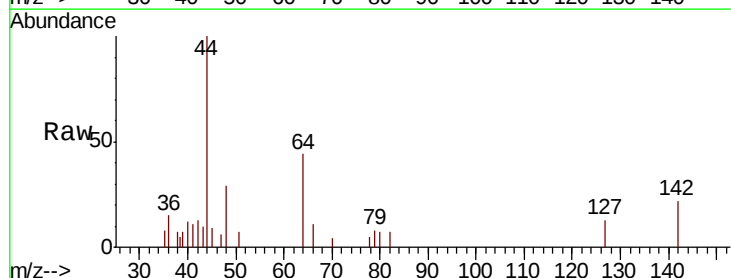
Tgt Ion: 142 Resp: 472

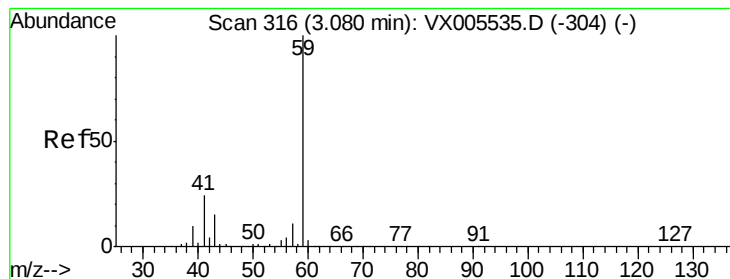
Ion Ratio Lower Upper

142 100

127 40.5 36.0 54.0

141 0.0 11.7 17.5#



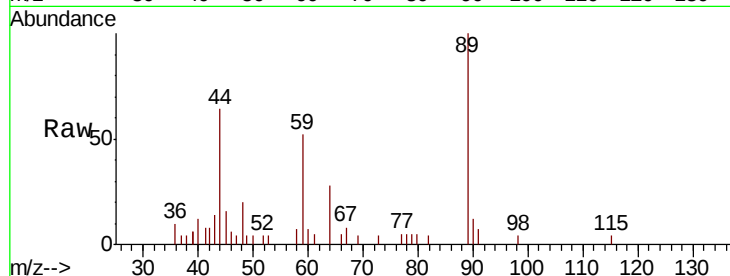


#11

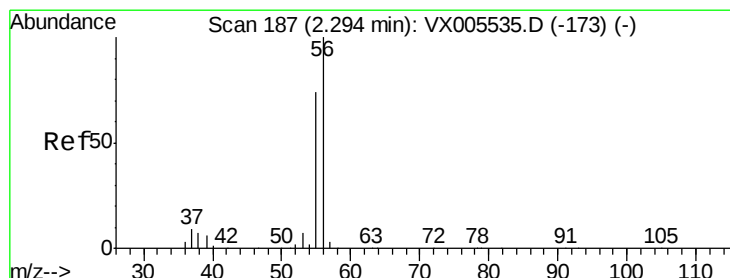
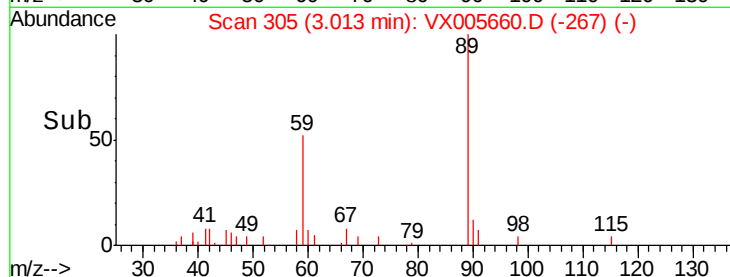
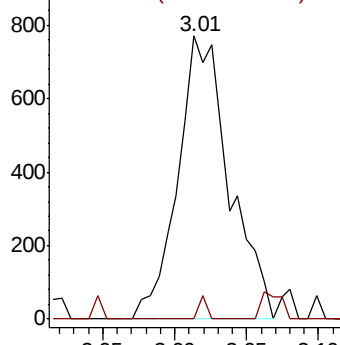
Tert butyl alcohol
 Concen: 2.707 ug/l
 RT: 3.01 min Scan# 305
 Delta R.T. -0.07 min
 Lab File: VX005660.D
 Acq: 29 Oct 2018 15:11

Instrument :
 MSVOA_X
 ClientSampleId :
 FT-PZ456S-20181025

Tot Ion: 59 Resp: 1907
 Ion Ratio Lower Upper
 59 100
 57 1.2 8.5 12.7#



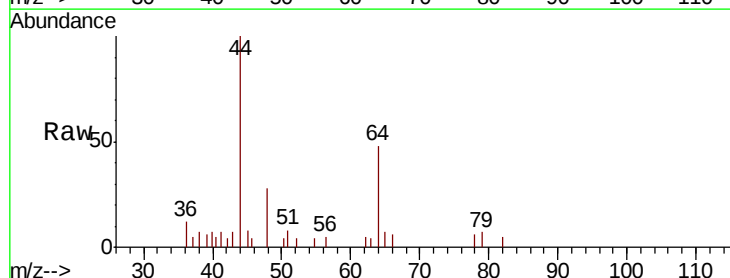
Abundance Ion 59.00 (58.70 to 59.70): VX0
 Ion 57.00 (56.70 to 57.70): VX0



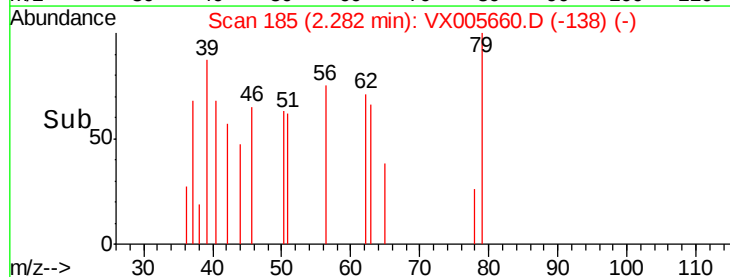
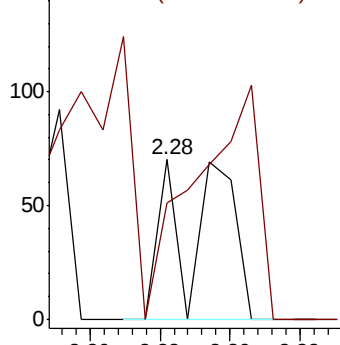
#13

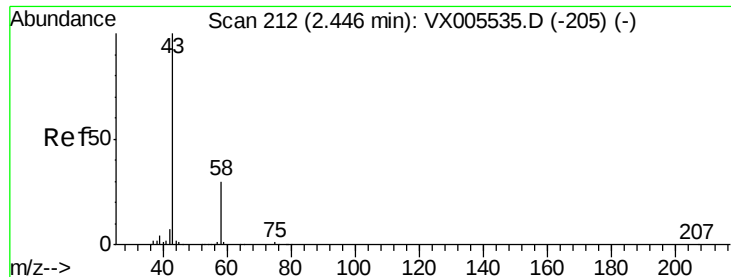
Acrolein
 Concen: 0.203 ug/l
 RT: 2.28 min Scan# 185
 Delta R.T. -0.01 min
 Lab File: VX005660.D
 Acq: 29 Oct 2018 15:11

Tgt Ion: 56 Resp: 73
 Ion Ratio Lower Upper
 56 100
 55 261.6 57.3 85.9#



Abundance Ion 56.00 (55.70 to 56.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 0.302 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX005660.D

Acq: 29 Oct 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

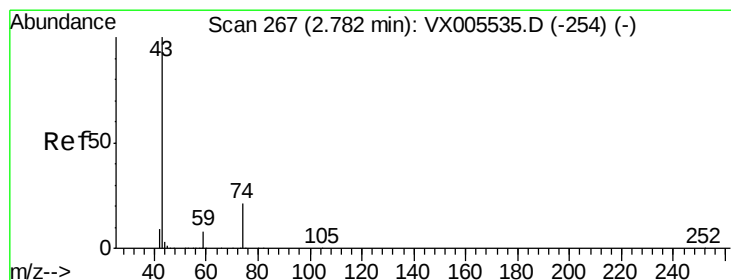
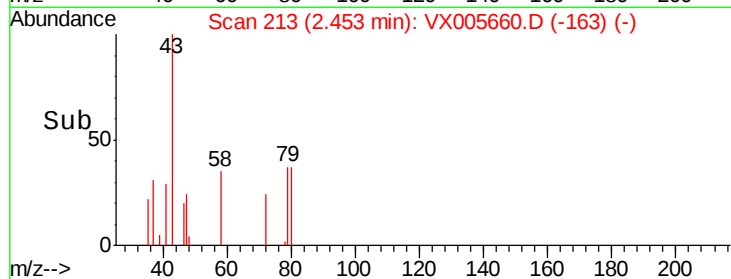
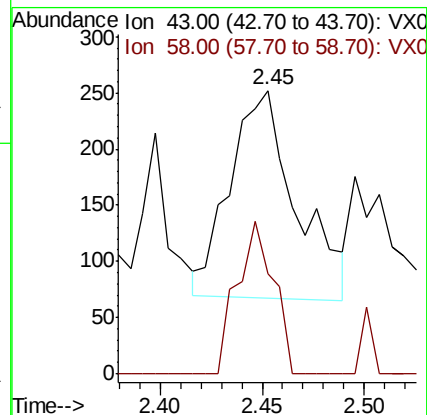
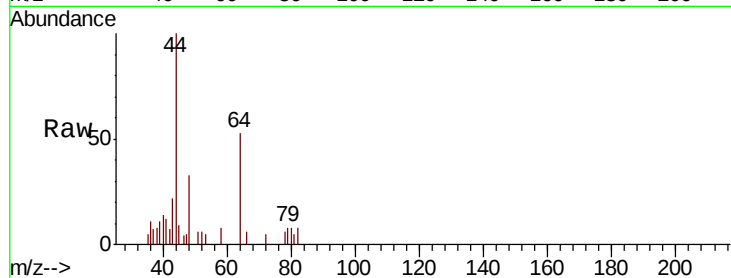
FT-PZ456S-20181025

Tot Ion: 43 Resp: 418

Ion Ratio Lower Upper

43 100

58 55.3 23.8 35.6#



#18

Methyl Acetate

Concen: Below Cal

RT: 2.79 min Scan# 268

Delta R.T. 0.01 min

Lab File: VX005660.D

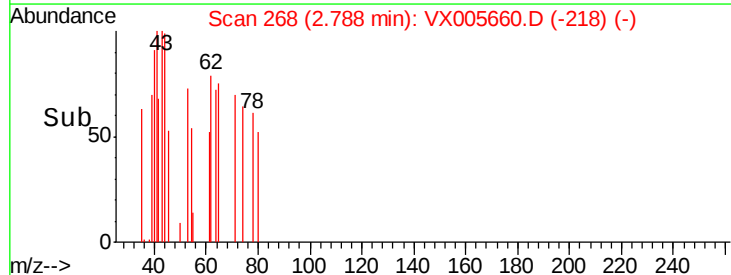
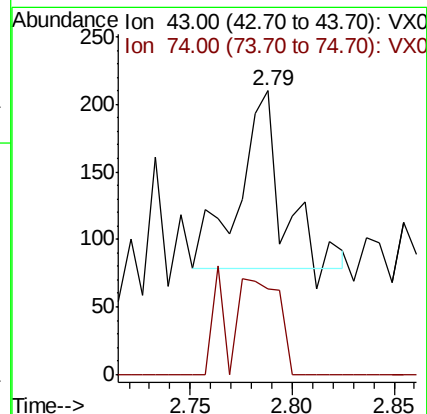
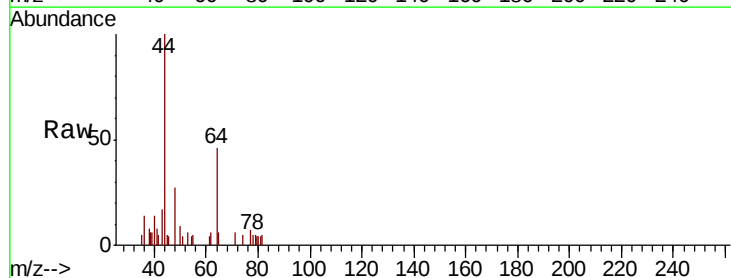
Acq: 29 Oct 2018 15:11

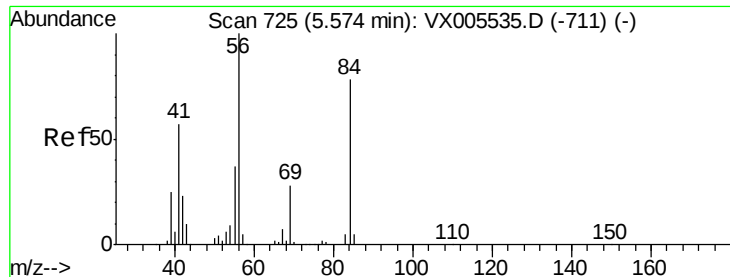
Tgt Ion: 43 Resp: 195

Ion Ratio Lower Upper

43 100

74 49.7 16.8 25.2#

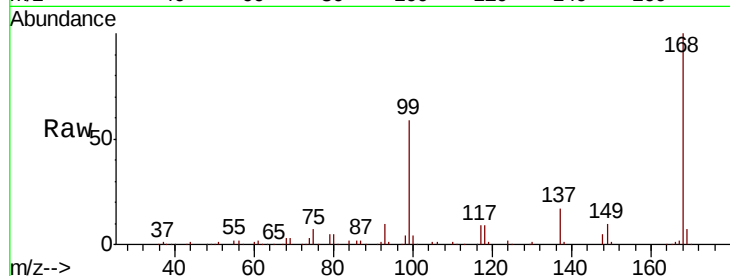




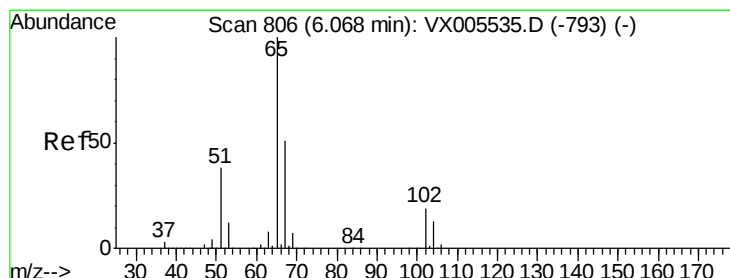
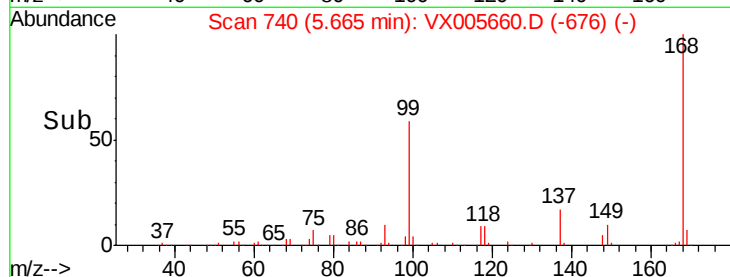
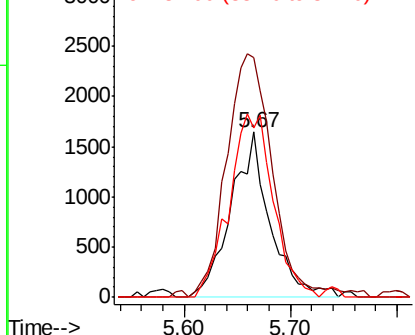
#31
Cyclohexane
Concen: 1.195 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX005660.D
Acq: 29 Oct 2018 15:11

Instrument :
MSVOA_X
ClientSampleId :
FT-PZ456S-20181025

Tot Ion: 56 Resp: 4217
Ion Ratio Lower Upper
56 100
69 145.1 22.6 34.0#
84 102.9 62.7 94.1#

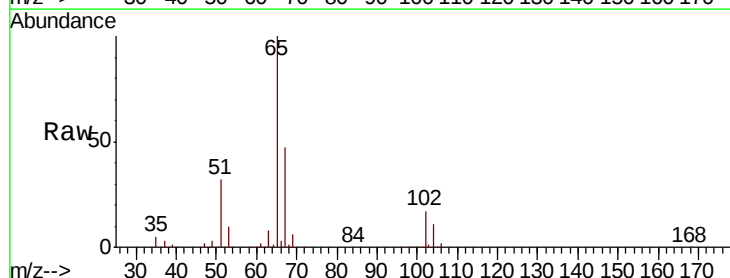


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

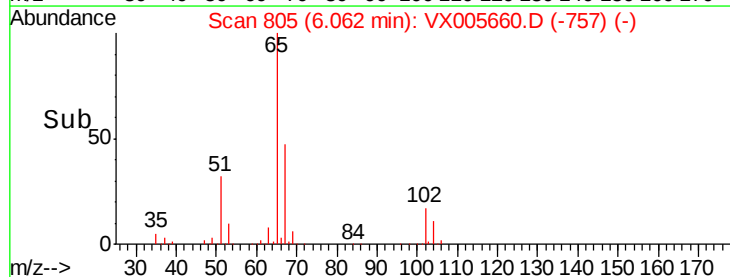
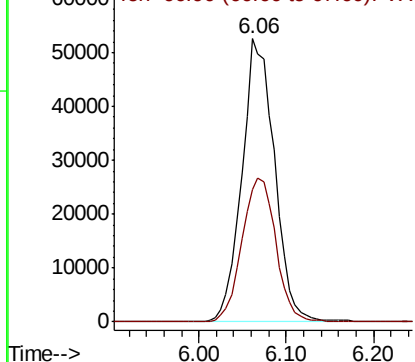


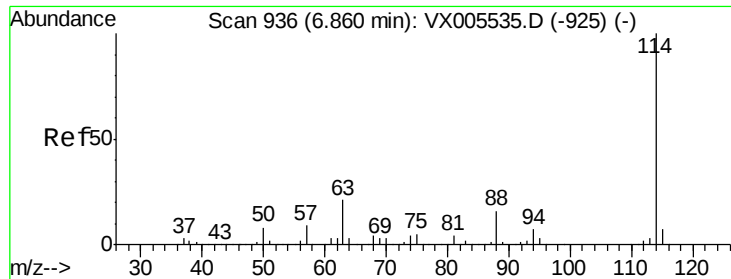
#33
1,2-Dichloroethane-d4
Concen: 52.000 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX005660.D
Acq: 29 Oct 2018 15:11

Tgt Ion: 65 Resp: 136122
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

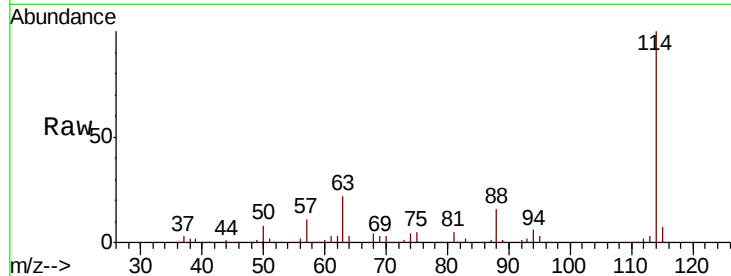




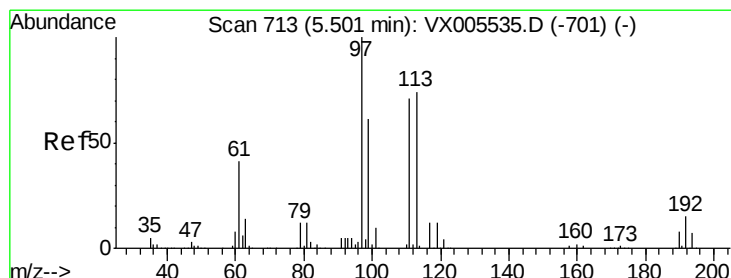
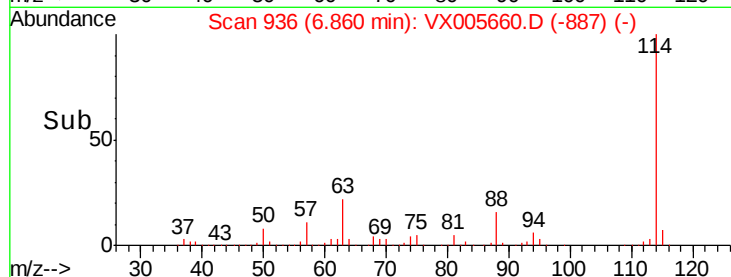
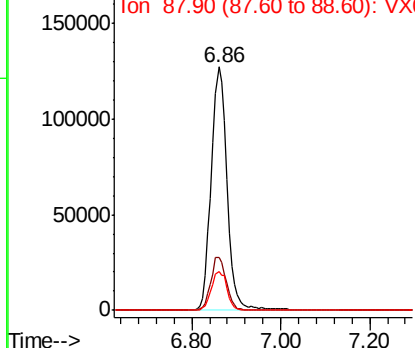
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005660.D
 Acq: 29 Oct 2018 15:11

Instrument :
 MSVOA_X
 ClientSampleId :
 FT-PZ456S-20181025

Tot Ion:114 Resp: 314255
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 42.8
 88 15.8 0.0 31.2

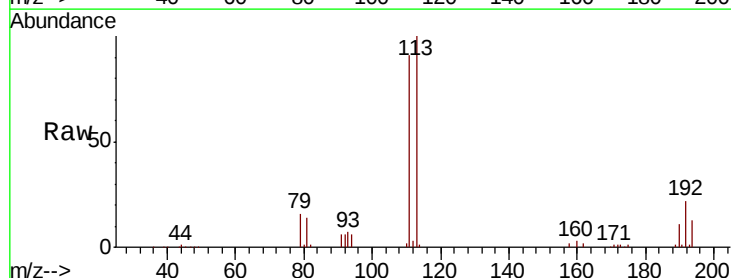


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

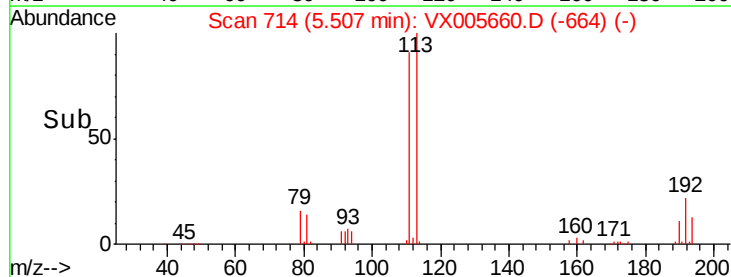
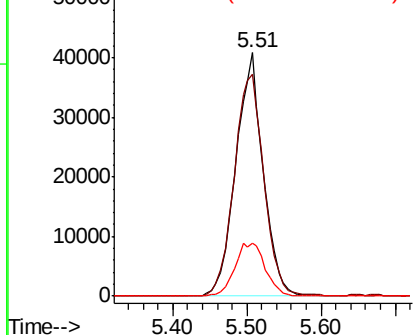


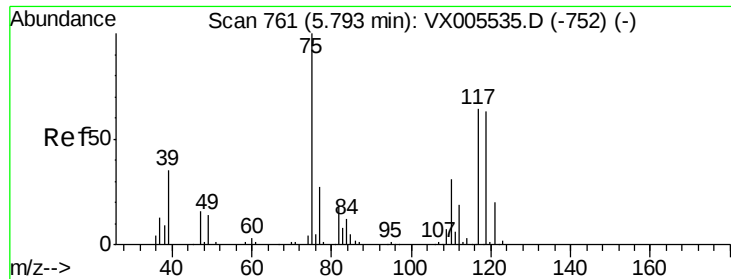
#35
 Dibromofluoromethane
 Concen: 49.471 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005660.D
 Acq: 29 Oct 2018 15:11

Tgt Ion:113 Resp: 105268
 Ion Ratio Lower Upper
 113 100
 111 99.0 82.3 123.5
 192 24.3 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: 5.121 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.14 min

Lab File: VX005660.D

Acq: 29 Oct 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

FT-PZ456S-20181025

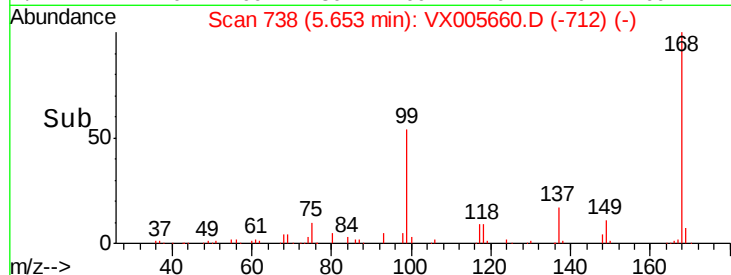
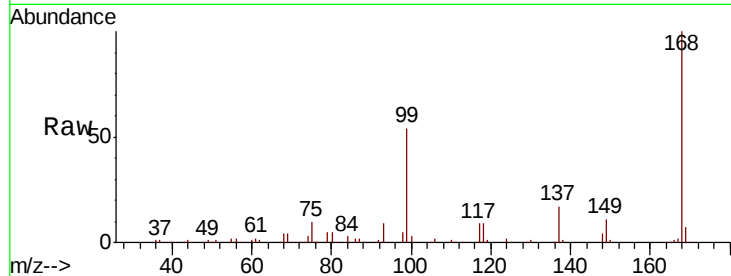
Tot Ion: 75 Resp: 15617

Ion Ratio Lower Upper

75 100

110 9.0 17.4 52.2#

77 0.0 25.8 38.6#

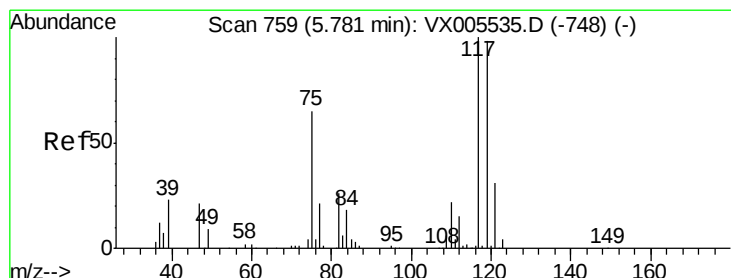
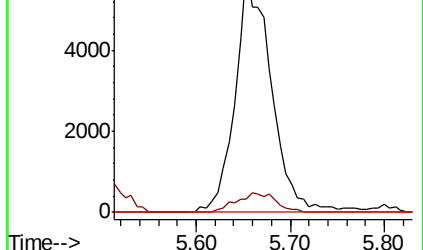


Abundance Ion 74.90 (74.60 to 75.60): VX005535.D (-752) (-)

Ion 109.90 (109.60 to 110.60): VX005535.D (-752) (-)

Ion 76.90 (76.60 to 77.60): VX005535.D (-752) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.248 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX005660.D

Acq: 29 Oct 2018 15:11

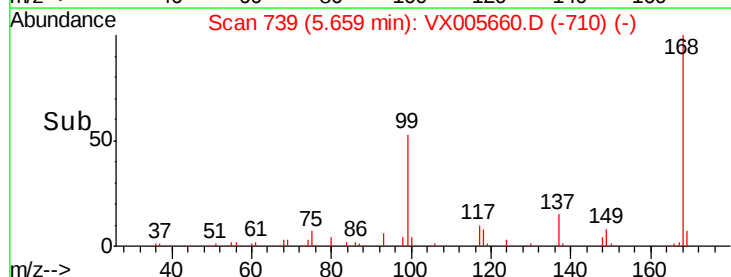
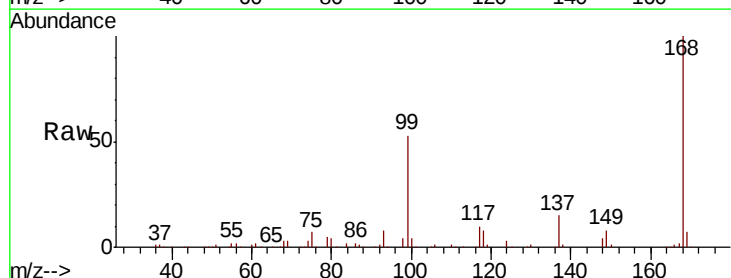
Tgt Ion: 117 Resp: 20070

Ion Ratio Lower Upper

117 100

119 5.1 78.1 117.1#

121 0.0 24.6 36.8#

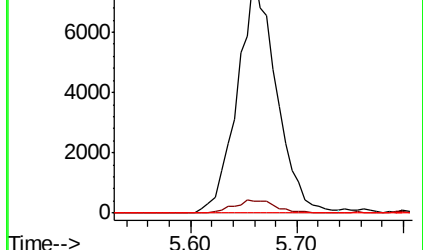


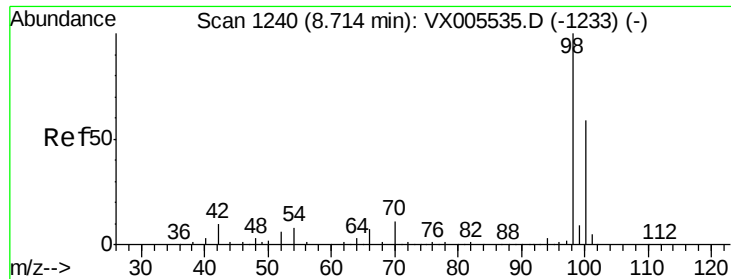
Abundance Ion 116.80 (116.50 to 117.50): VX005535.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX005535.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX005535.D (-748) (-)

Time-->





#50

Toluene-d8

Concen: 49.224 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX005660.D

Acq: 29 Oct 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

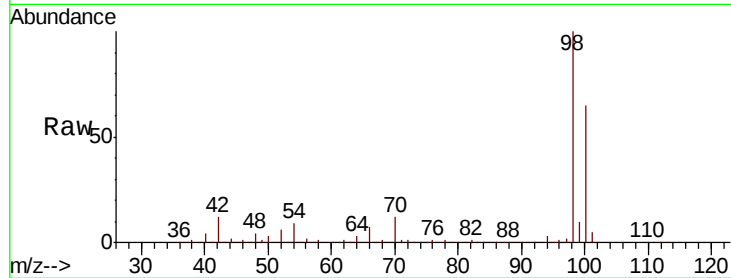
FT-PZ456S-20181025

Tot Ion: 98 Resp: 376359

Ion Ratio Lower Upper

98 100

100 62.2 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX005535.D (-1233) (-)

Ion 100.00 (99.70 to 100.70): VX005535.D (-1233) (-)

8.71

250000

200000

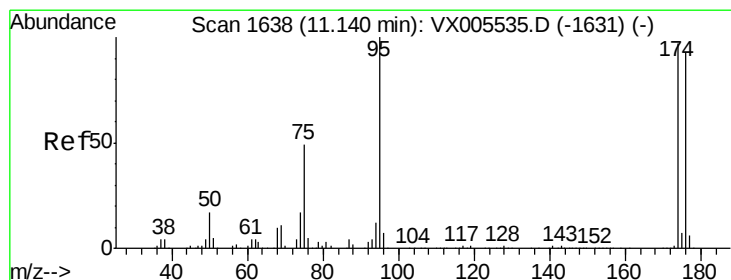
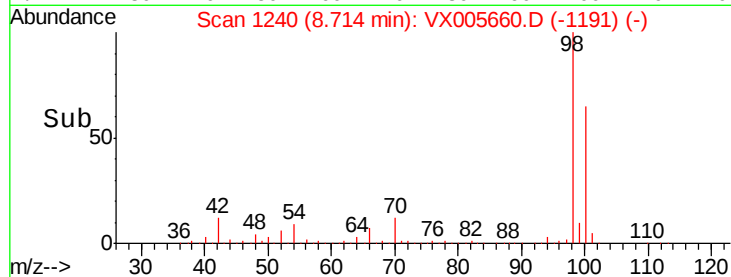
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.980 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005660.D

Acq: 29 Oct 2018 15:11

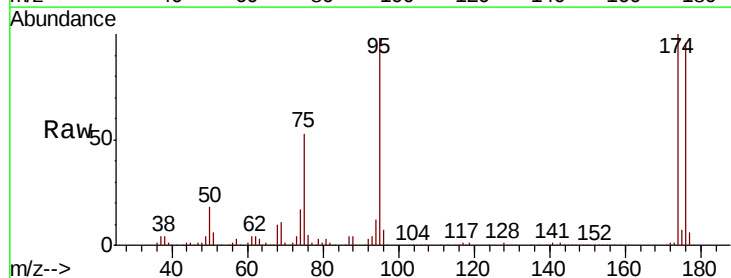
Tgt Ion: 95 Resp: 132765

Ion Ratio Lower Upper

95 100

174 94.8 0.0 184.4

176 91.2 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) (-)

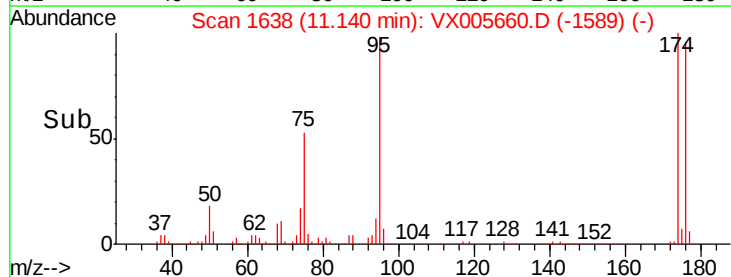
11.14

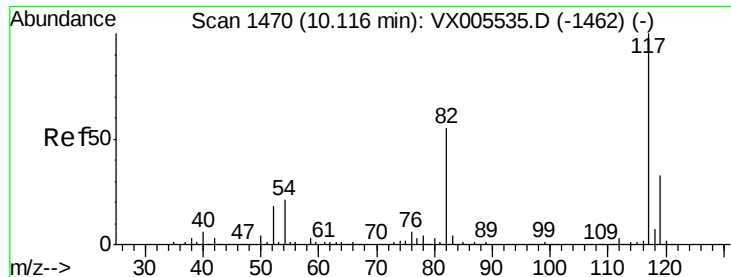
100000

50000

0

Time-->

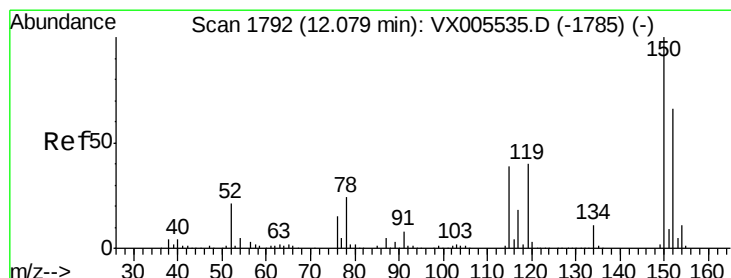
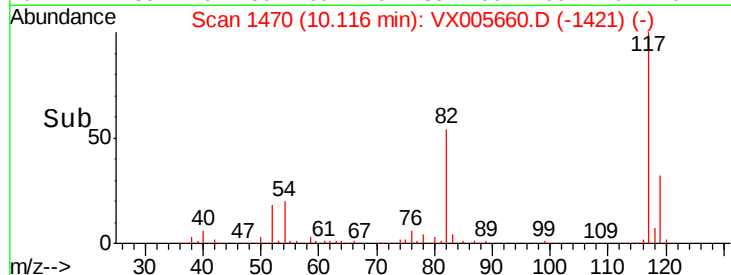
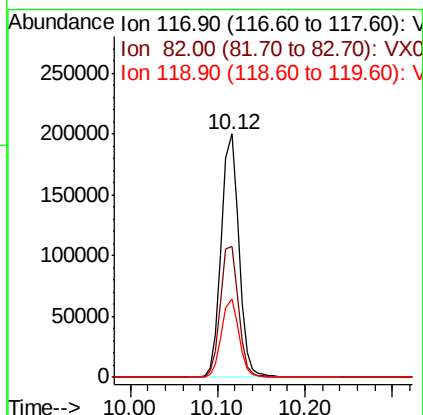
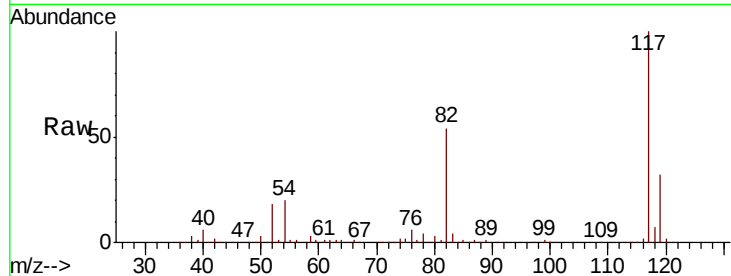




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005660.D
Acq: 29 Oct 2018 15:11

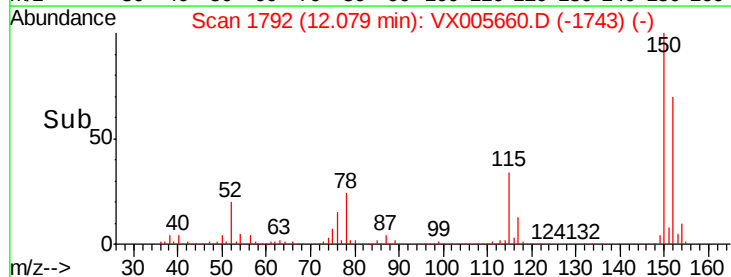
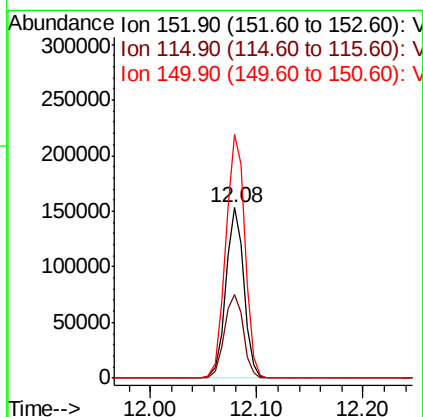
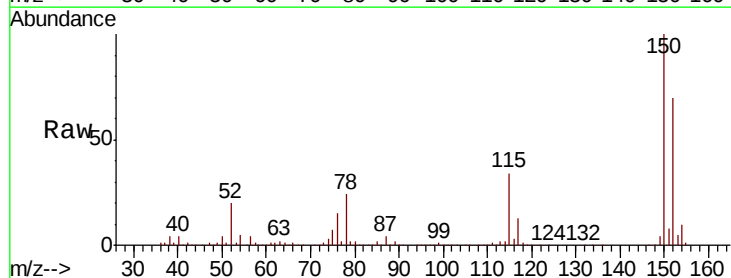
Instrument :
MSVOA_X
ClientSampleId :
FT-PZ456S-20181025

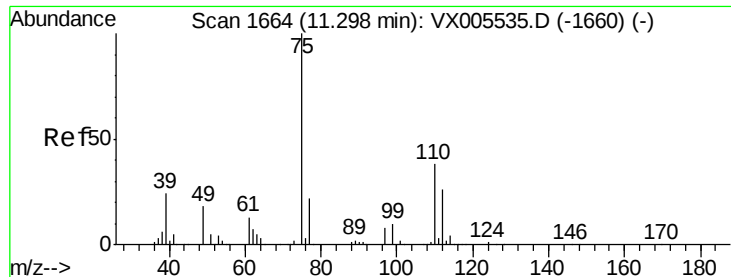
Tot Ion:117 Resp: 279062
Ion Ratio Lower Upper
117 100
82 54.0 44.1 66.1
119 32.4 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005660.D
Acq: 29 Oct 2018 15:11

Tgt Ion:152 Resp: 182132
Ion Ratio Lower Upper
152 100
115 51.6 39.4 118.1
150 152.2 0.0 346.4





#76

1,2,3-Trichloropropane

Concen: 17.398 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005660.D

Acq: 29 Oct 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

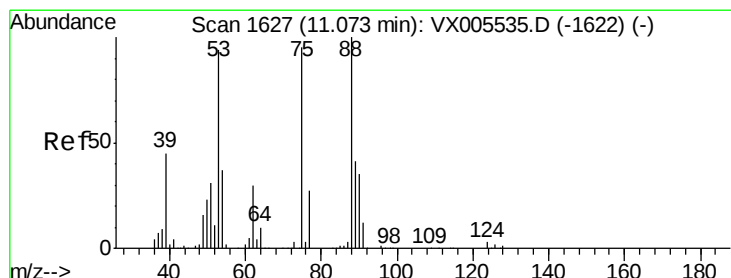
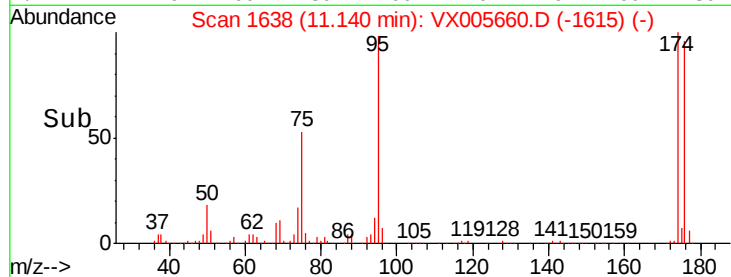
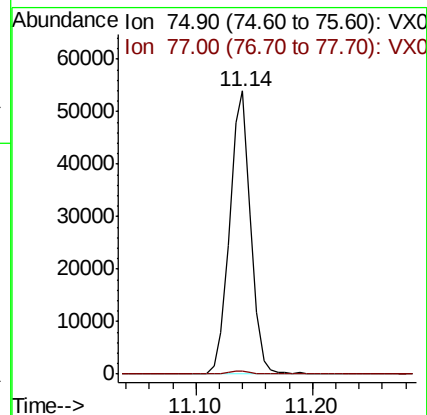
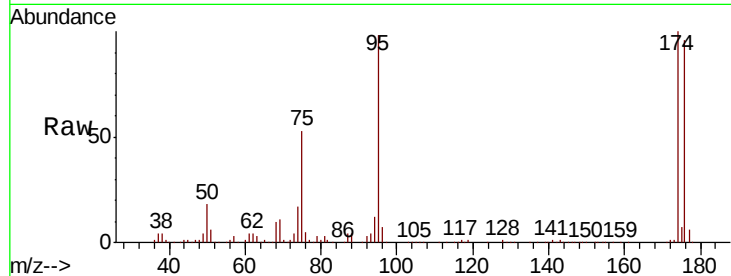
FT-PZ456S-20181025

Tot Ion: 75 Resp: 67137

Ion Ratio Lower Upper

75 100

77 1.3 20.5 61.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 56.848 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX005660.D

Acq: 29 Oct 2018 15:11

Tgt Ion: 75 Resp: 67137

Ion Ratio Lower Upper

75 100

53 0.3 80.2 120.2#

89 0.0 39.8 59.8#

