

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102918\
 Data File : VX005656.D
 Acq On : 29 Oct 2018 13:24
 Operator : JC/MD
 Sample : J5692-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FT-DUP02-20181025

Quant Time: Oct 30 01:57:59 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	225257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	353923	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	281529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	136119	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	137142	49.88	ug/l	0.00
Spiked Amount			Recovery	=	99.76%	
35) Dibromofluoromethane	5.50	113	108776	45.39	ug/l	0.00
Spiked Amount			Recovery	=	90.78%	
50) Toluene-d8	8.71	98	372950	43.31	ug/l	0.00
Spiked Amount			Recovery	=	86.62%	
62) 4-Bromofluorobenzene	11.14	95	123174	37.88	ug/l	0.00
Spiked Amount			Recovery	=	75.76%	

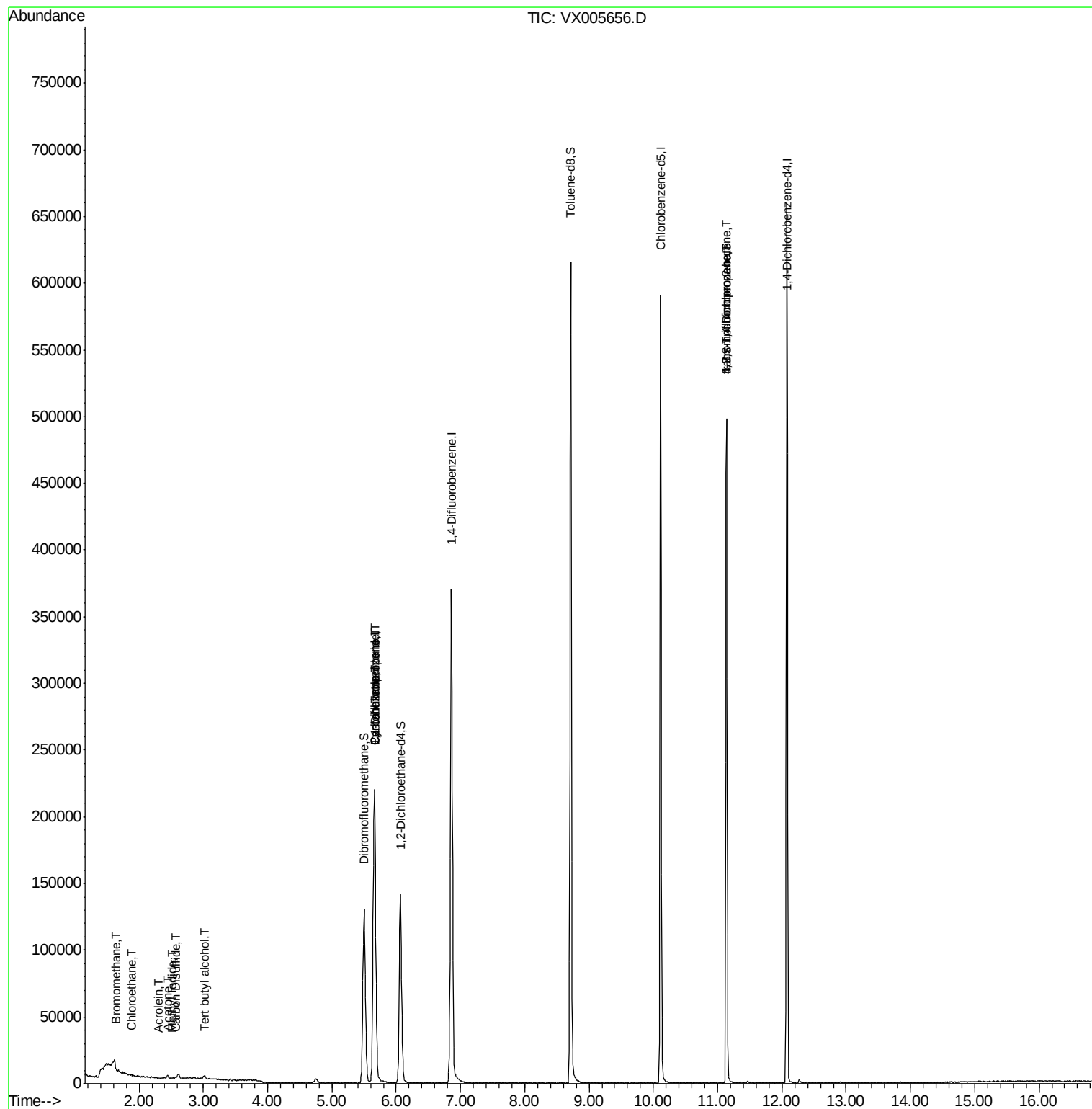
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	426	0.246	ug/l #	66
6) Chloroethane	1.88	64	470	0.264	ug/l #	51
10) Methyl Iodide	2.51	142	364	2.874	ug/l #	80
11) Tert butyl alcohol	3.02	59	1822	2.462	ug/l #	72
13) Acrolein	2.29	56	102	0.270	ug/l #	71
16) Acetone	2.45	43	2329	1.603	ug/l	96
17) Carbon Disulfide	2.57	76	1669	0.259	ug/l #	79
18) Methyl Acetate	2.77	43	301	Below Cal	#	69
31) Cyclohexane	5.66	56	4497	1.213	ug/l #	15
36) 1,1-Dichloropropene	5.67	75	15745	4.584	ug/l #	49
38) Carbon Tetrachloride	5.67	117	19951	5.515	ug/l #	17
76) 1,2,3-Trichloropropane	11.14	75	62264	21.589	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	62264	70.543	ug/l #	9

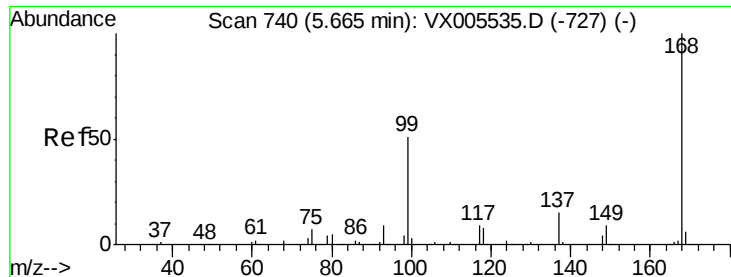
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 30 01:57:59 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: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005656.D

Acq: 29 Oct 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

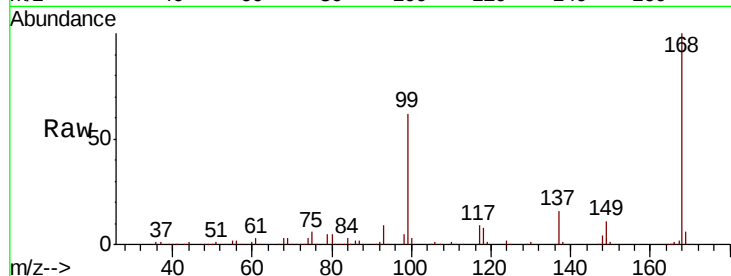
FT-DUP02-20181025

Tot Ion:168 Resp: 225257

Ion Ratio Lower Upper

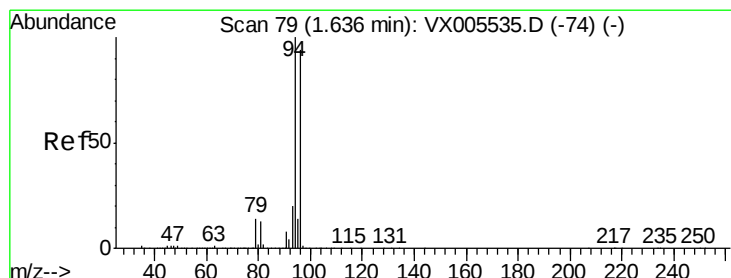
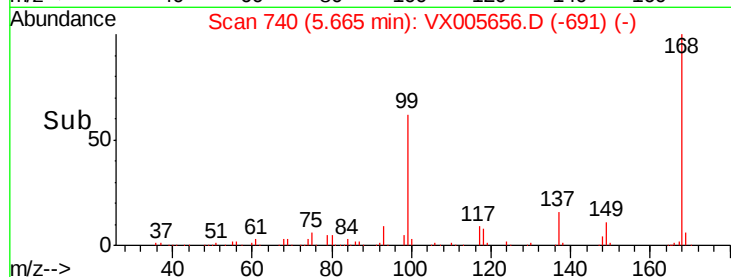
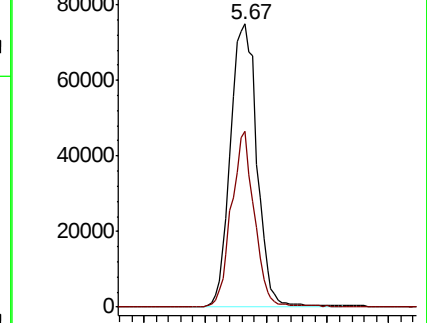
168 100

99 62.1 40.7 61.1#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.246 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX005656.D

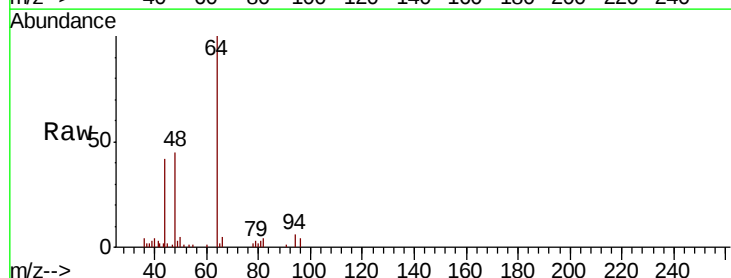
Acq: 29 Oct 2018 13:24

Tgt Ion: 94 Resp: 426

Ion Ratio Lower Upper

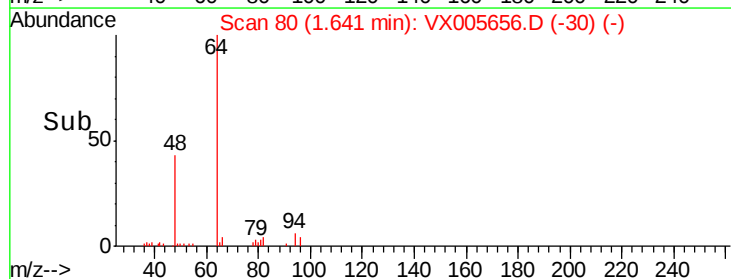
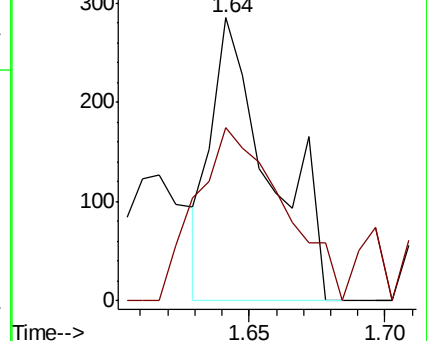
94 100

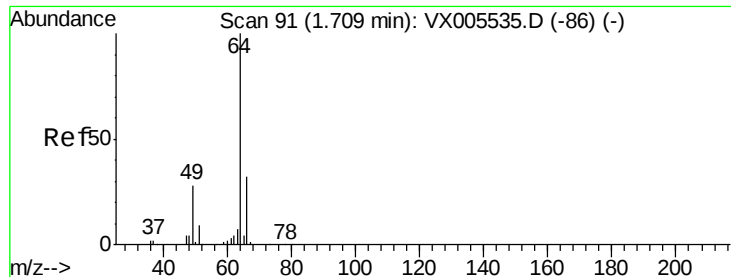
96 61.1 75.2 112.8#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.264 ug/l

RT: 1.88 min Scan# 119

Delta R.T. 0.17 min

Lab File: VX005656.D

Acq: 29 Oct 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

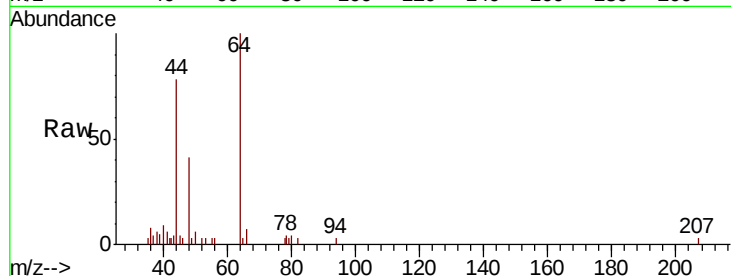
FT-DUP02-20181025

Tot Ion: 64 Resp: 470

Ion Ratio Lower Upper

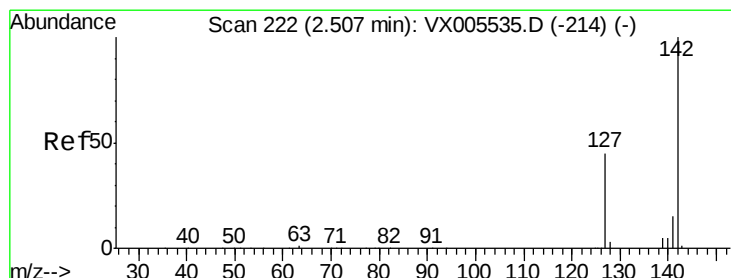
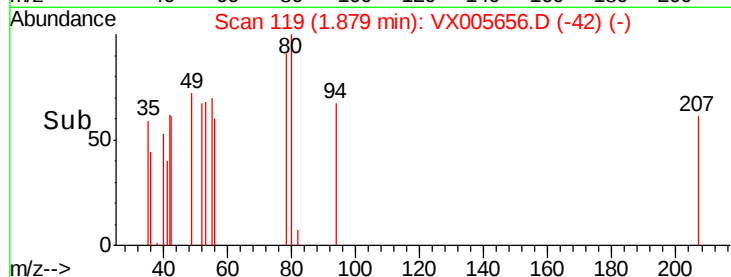
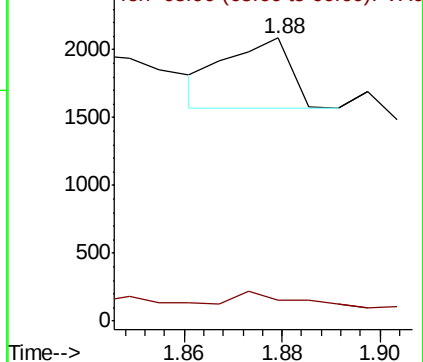
64 100

66 5.0 25.8 38.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#10

Methyl Iodide

Concen: 2.874 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005656.D

Acq: 29 Oct 2018 13:24

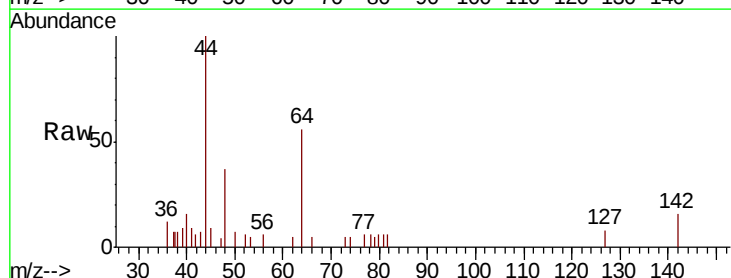
Tgt Ion: 142 Resp: 364

Ion Ratio Lower Upper

142 100

127 54.7 36.0 54.0#

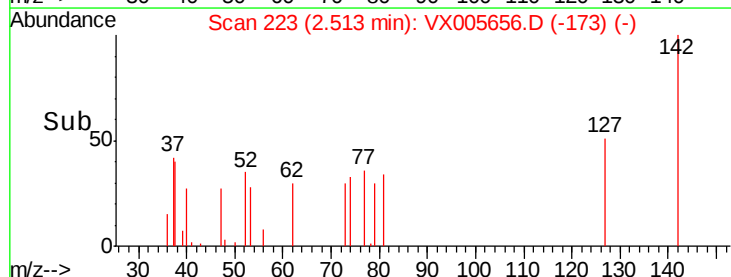
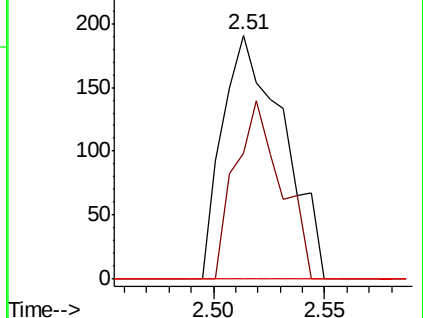
141 0.0 11.7 17.5#

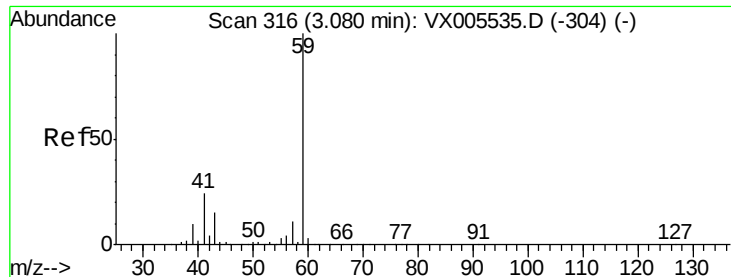


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



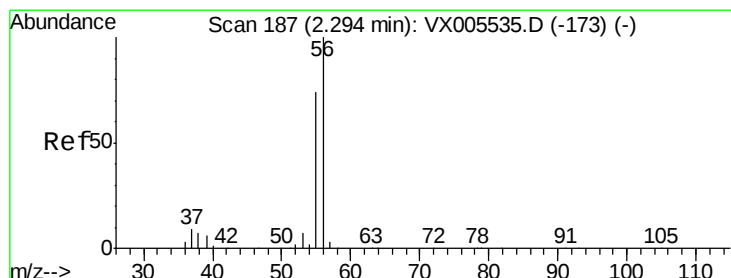
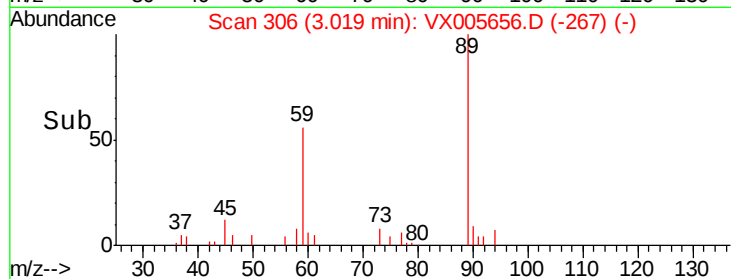
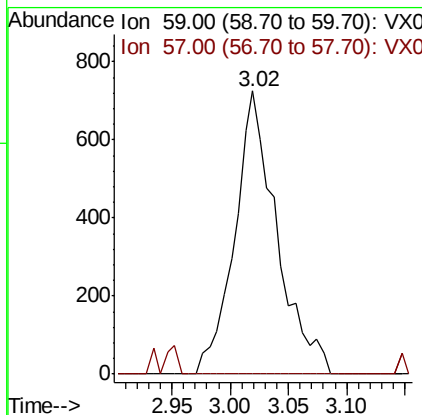
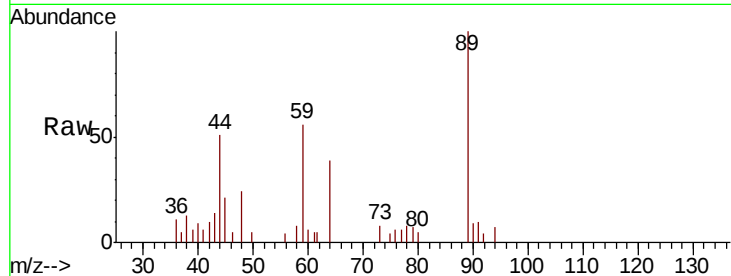


#11

Tert butyl alcohol
 Concen: 2.462 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.06 min
 Lab File: VX005656.D
 Acq: 29 Oct 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 FT-DUP02-20181025

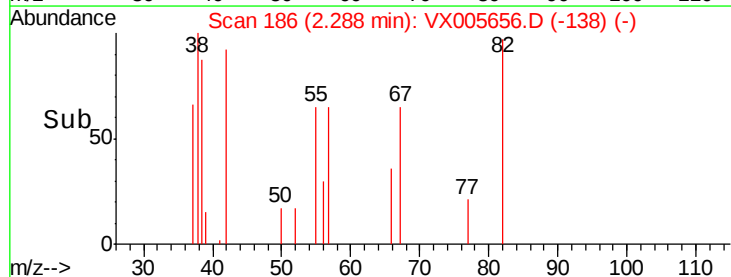
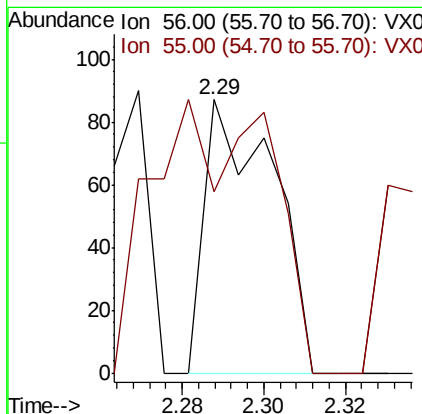
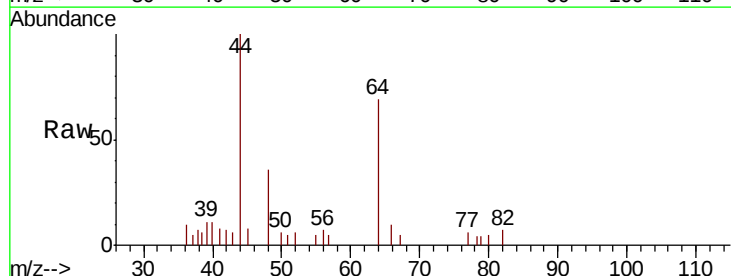
Tot Ion: 59 Resp: 1822
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

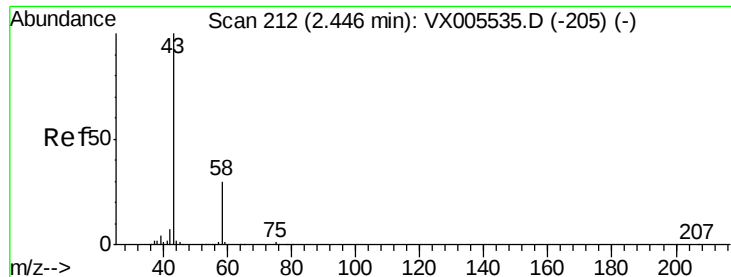


#13

Acrolein
 Concen: 0.270 ug/l
 RT: 2.29 min Scan# 186
 Delta R.T. -0.01 min
 Lab File: VX005656.D
 Acq: 29 Oct 2018 13:24

Tgt Ion: 56 Resp: 102
 Ion Ratio Lower Upper
 56 100
 55 96.1 57.3 85.9#





#16

Acetone

Concen: 1.603 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005656.D

Acq: 29 Oct 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

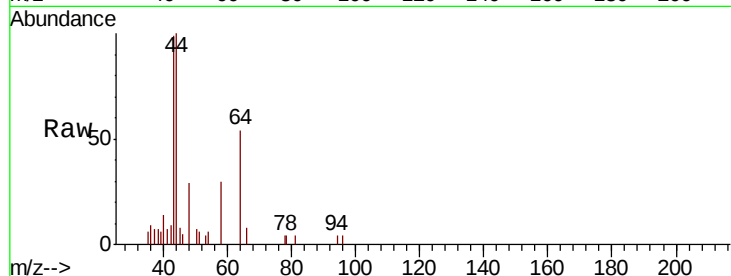
FT-DUP02-20181025

Tot Ion: 43 Resp: 2329

Ion Ratio Lower Upper

43 100

58 32.0 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1500

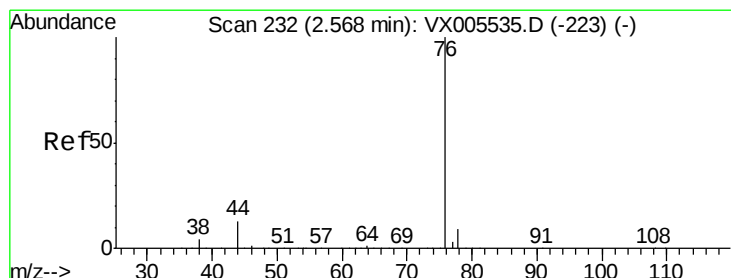
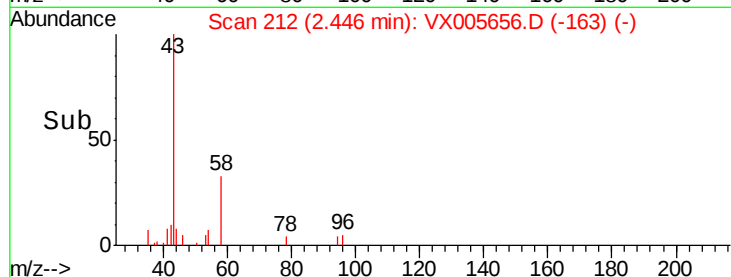
1000

500

0

2.35 2.40 2.45 2.50

Time-->



#17

Carbon Disulfide

Concen: 0.259 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005656.D

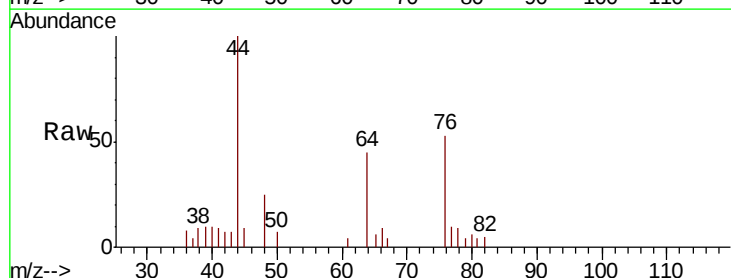
Acq: 29 Oct 2018 13:24

Tgt Ion: 76 Resp: 1669

Ion Ratio Lower Upper

76 100

78 16.6 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

800

600

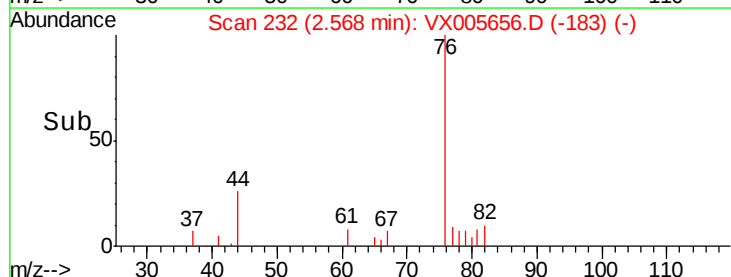
400

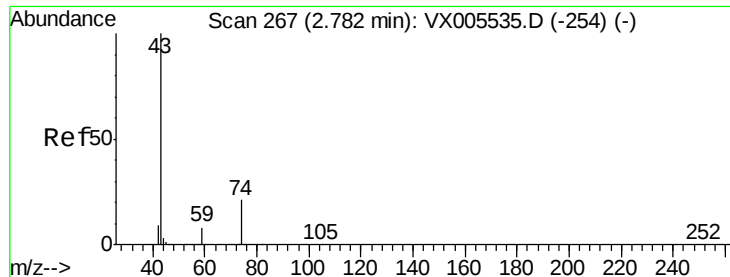
200

0

2.50 2.55 2.60 2.65

Time-->

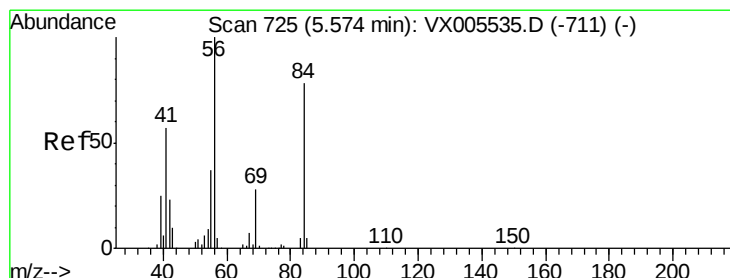
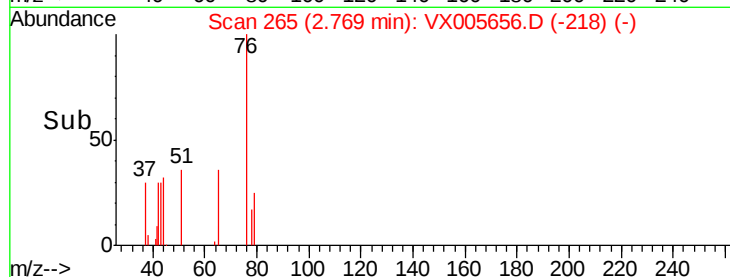
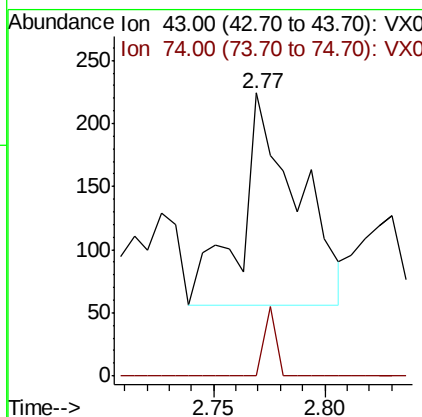
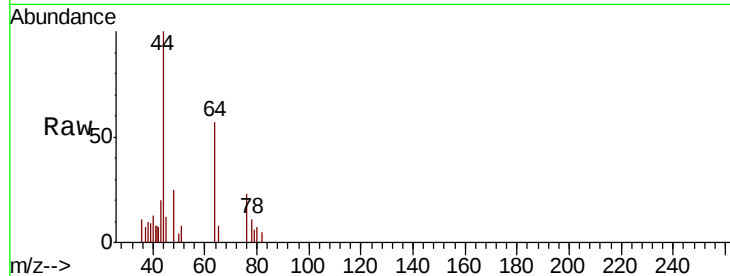




#18
Methvl Acetate
Concen: Below Cal
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX005656.D
Acq: 29 Oct 2018 13:24

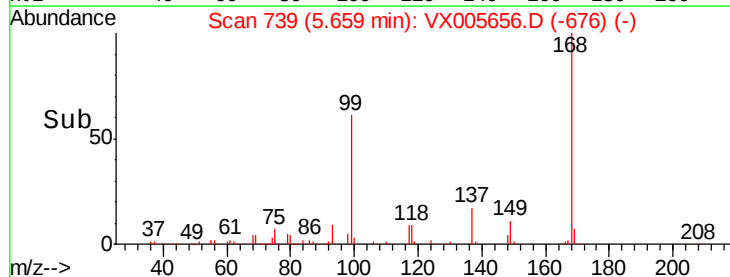
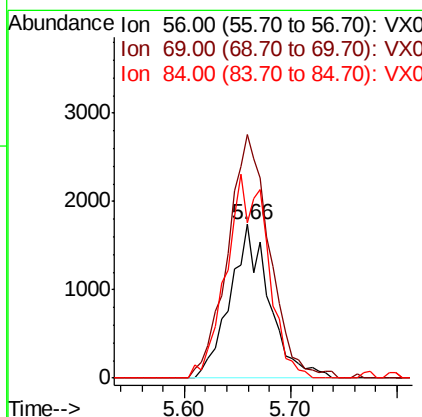
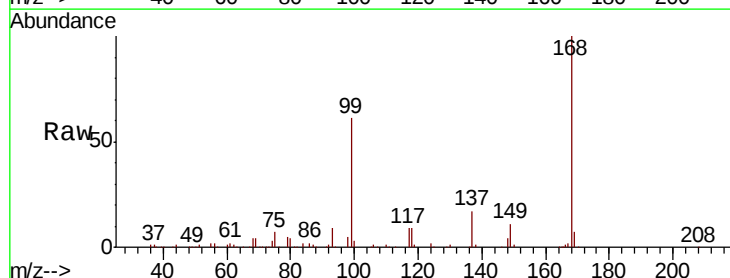
Instrument :
MSVOA_X
ClientSampleId :
FT-DUP02-20181025

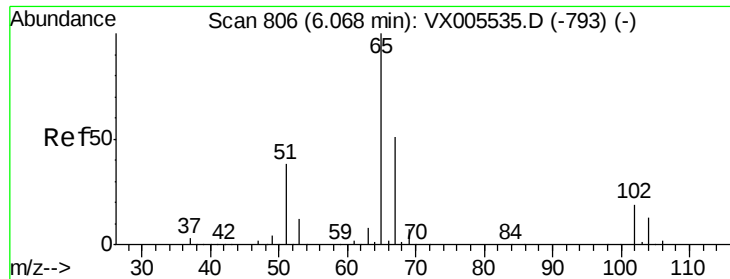
Tot Ion: 43 Resp: 301
Ion Ratio Lower Upper
43 100
74 6.6 16.8 25.2#



#31
Cyclohexane
Concen: 1.213 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX005656.D
Acq: 29 Oct 2018 13:24

Tgt Ion: 56 Resp: 4497
Ion Ratio Lower Upper
56 100
69 158.7 22.6 34.0#
84 101.4 62.7 94.1#





#33

1,2-Dichloroethane-d4

Concen: 49.875 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005656.D

Acq: 29 Oct 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

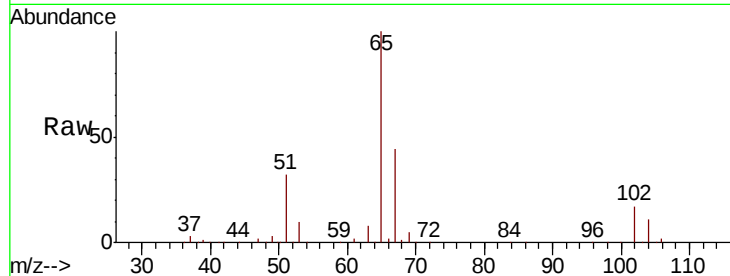
FT-DUP02-20181025

Tot Ion: 65 Resp: 137142

Ion Ratio Lower Upper

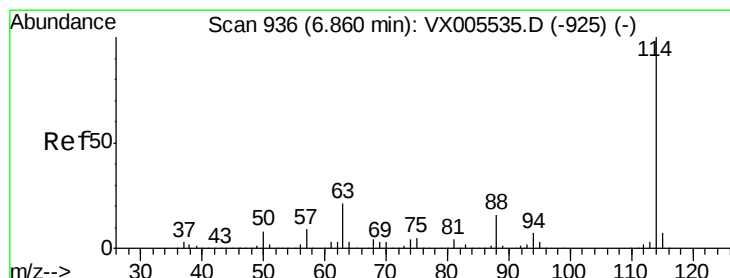
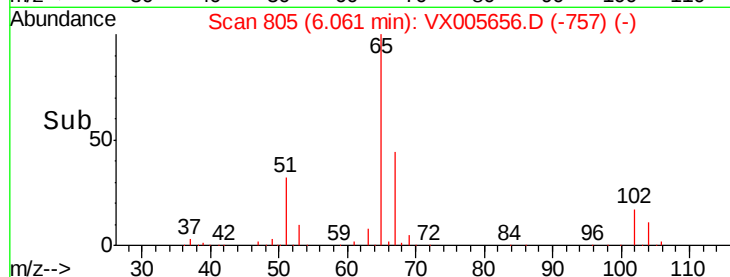
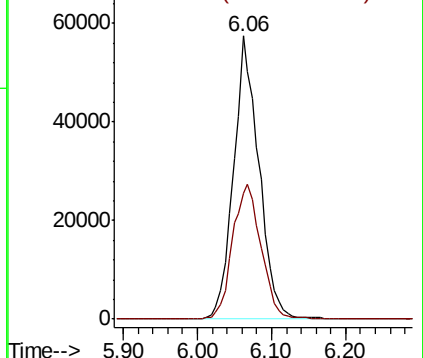
65 100

67 53.7 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: VX005656.D

Acq: 29 Oct 2018 13:24

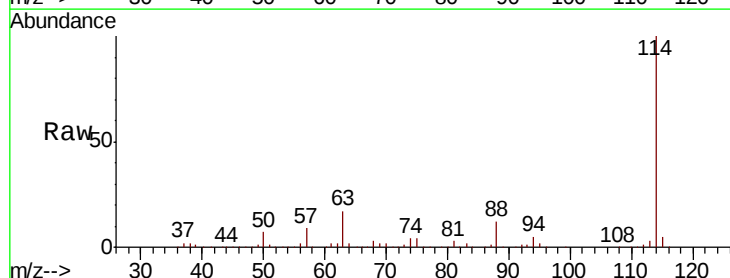
Tgt Ion: 114 Resp: 353923

Ion Ratio Lower Upper

114 100

63 16.5 0.0 42.8

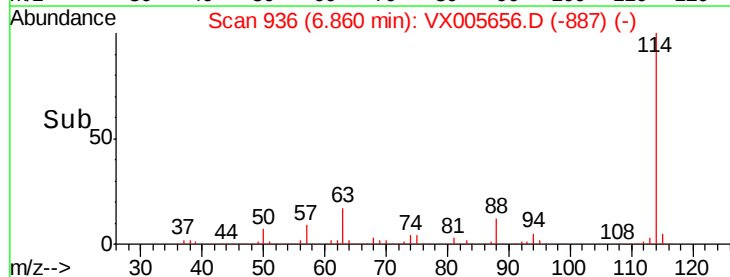
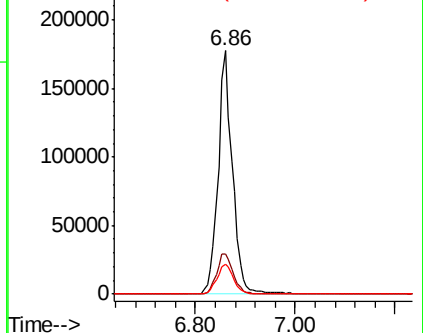
88 12.3 0.0 31.2

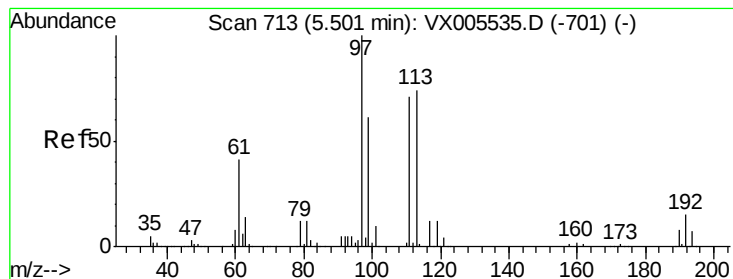


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.390 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005656.D

Acq: 29 Oct 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

FT-DUP02-20181025

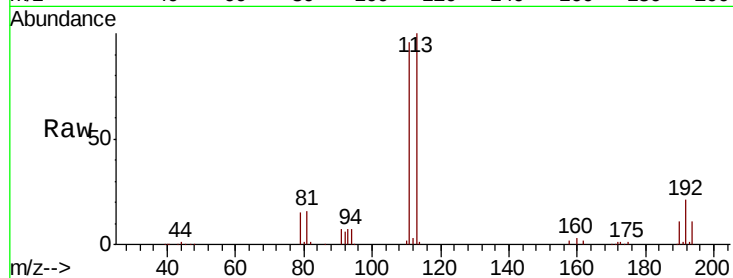
Tot Ion:113 Resp: 108776

Ion Ratio Lower Upper

113 100

111 101.0 82.3 123.5

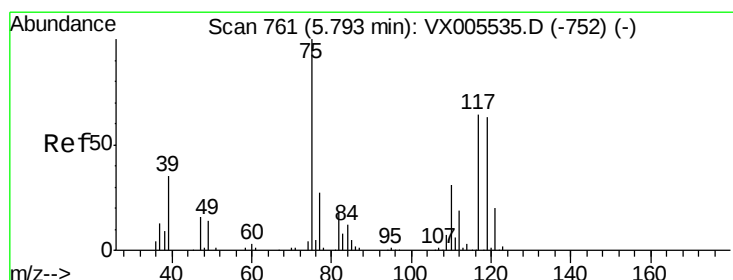
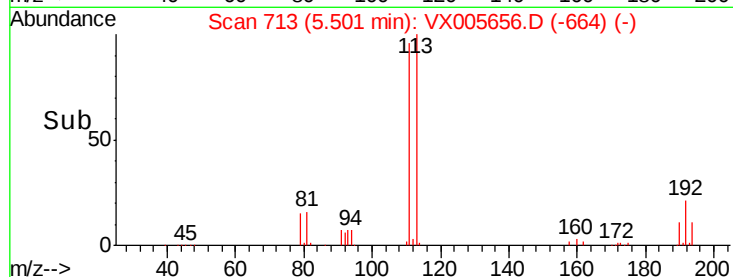
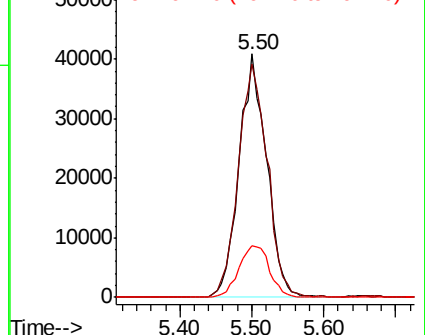
192 23.4 17.9 26.9



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: 4.584 ug/l

RT: 5.67 min Scan# 741

Delta R.T. -0.12 min

Lab File: VX005656.D

Acq: 29 Oct 2018 13:24

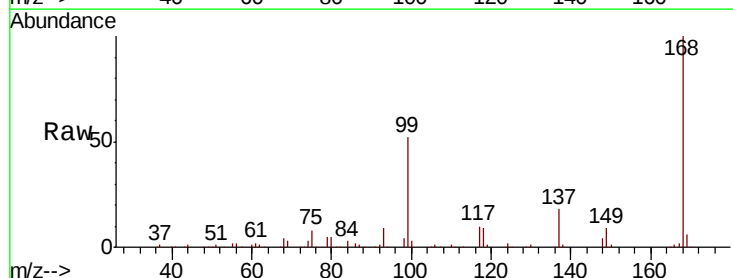
Tgt Ion: 75 Resp: 15745

Ion Ratio Lower Upper

75 100

110 9.0 17.4 52.2#

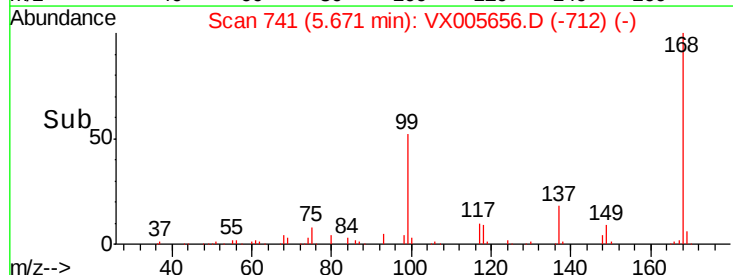
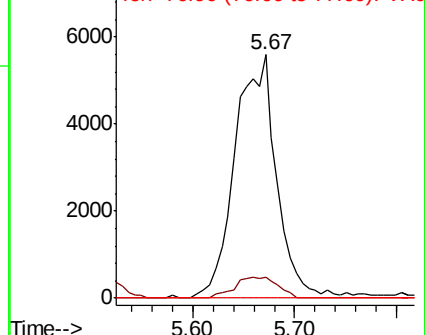
77 0.0 25.8 38.6#

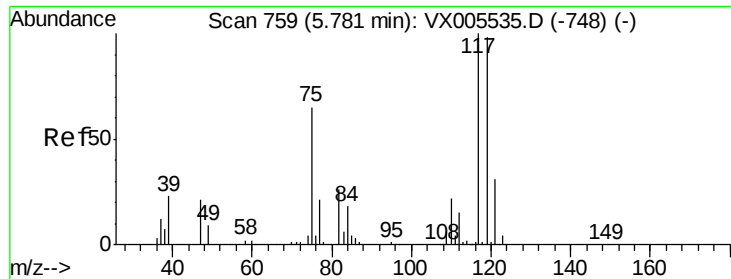


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

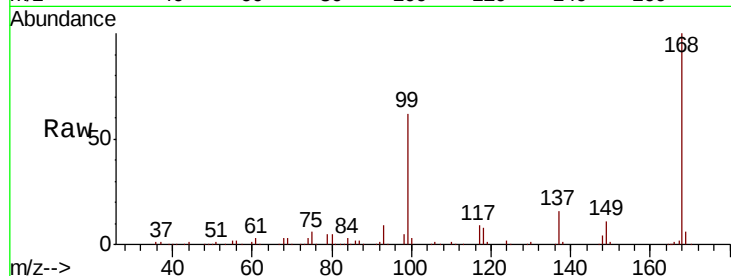




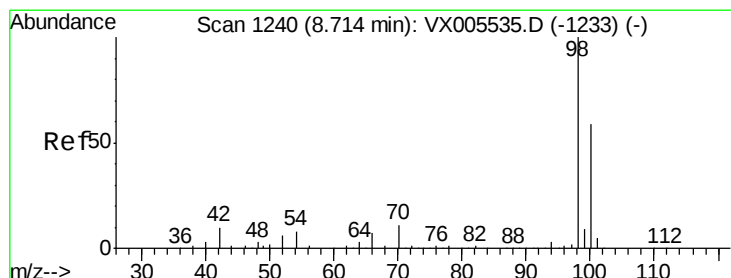
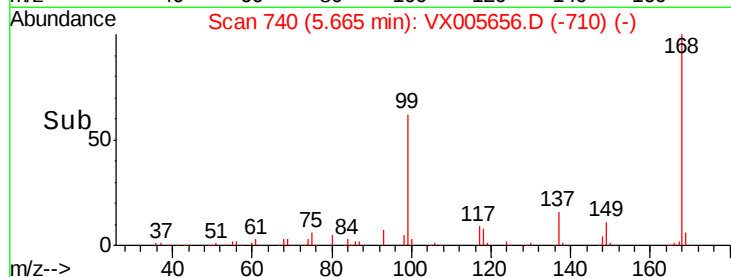
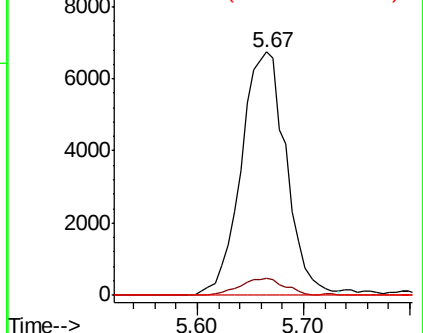
#38
Carbon Tetrachloride
Concen: 5.515 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX005656.D
Acq: 29 Oct 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
FT-DUP02-20181025

Tot Ion:117 Resp: 19951
Ion Ratio Lower Upper
117 100
119 6.8 78.1 117.1#
121 0.0 24.6 36.8#

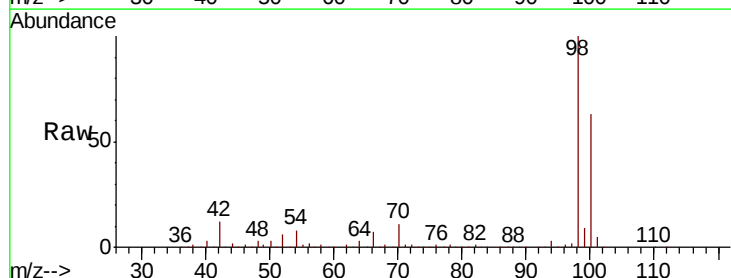


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

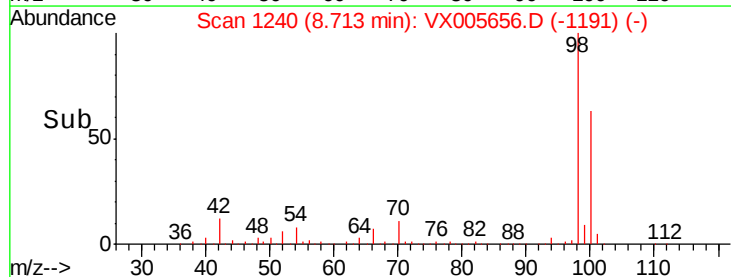
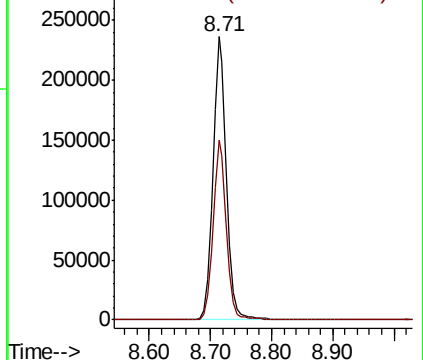


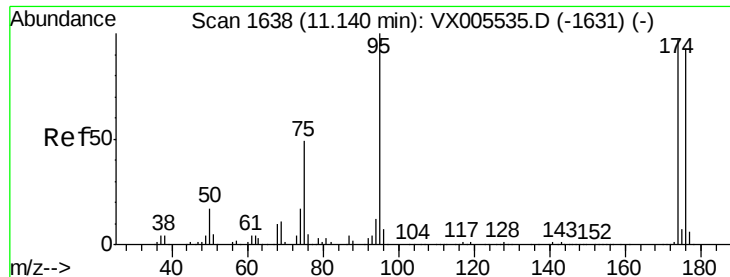
#50
Toluene-d8
Concen: 43.311 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005656.D
Acq: 29 Oct 2018 13:24

Tgt Ion: 98 Resp: 372950
Ion Ratio Lower Upper
98 100
100 62.9 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

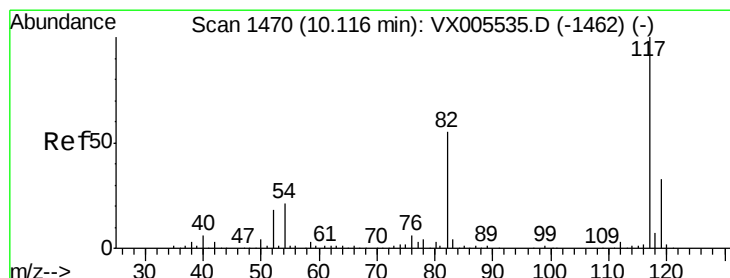
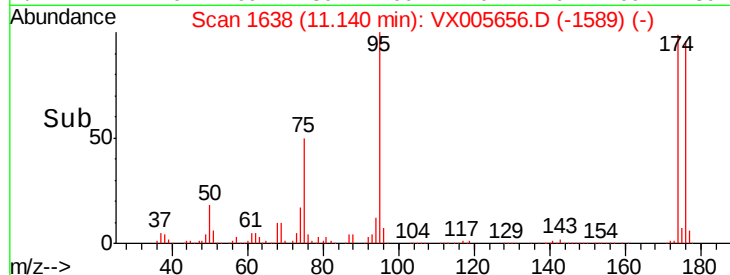
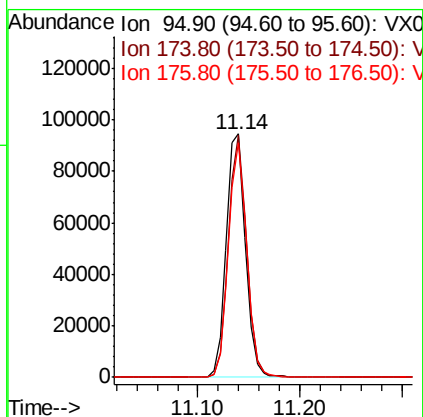
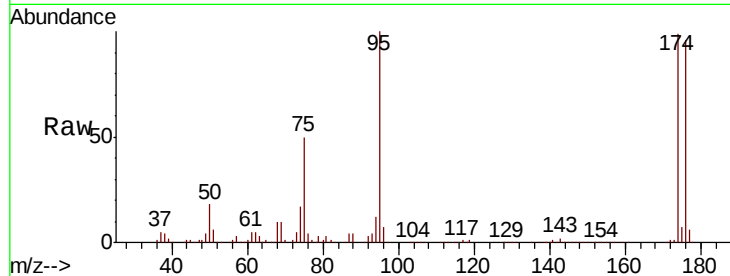




#62
4-Bromofluorobenzene
Concen: 37.877 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005656.D
Acq: 29 Oct 2018 13:24

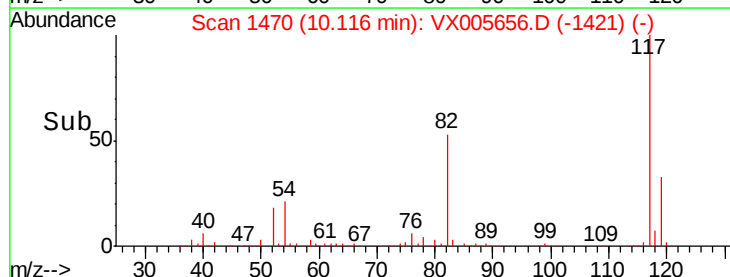
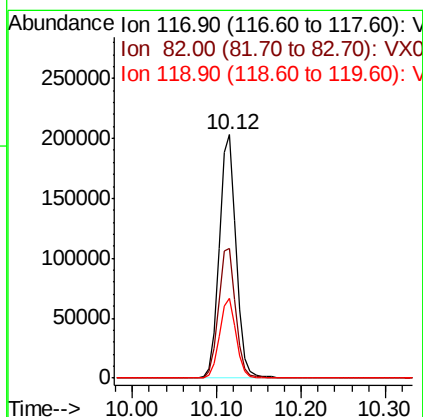
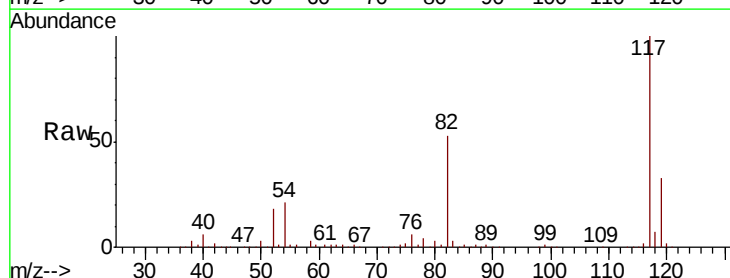
Instrument :
MSVOA_X
ClientSampleId :
FT-DUP02-20181025

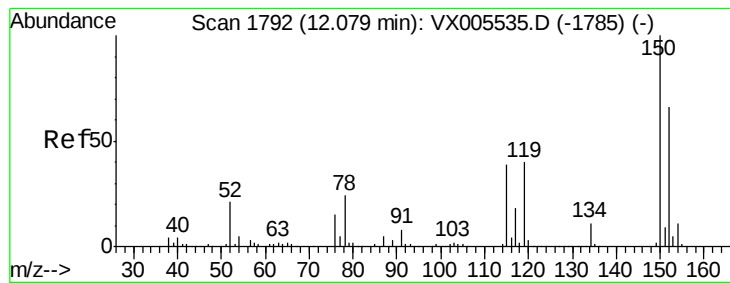
Tot Ion: 95 Resp: 123174
Ion Ratio Lower Upper
95 100
174 94.2 0.0 184.4
176 91.7 0.0 177.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005656.D
Acq: 29 Oct 2018 13:24

Tgt Ion: 117 Resp: 281529
Ion Ratio Lower Upper
117 100
82 53.4 44.1 66.1
119 32.7 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: VX005656.D

Acq: 29 Oct 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

FT-DUP02-20181025

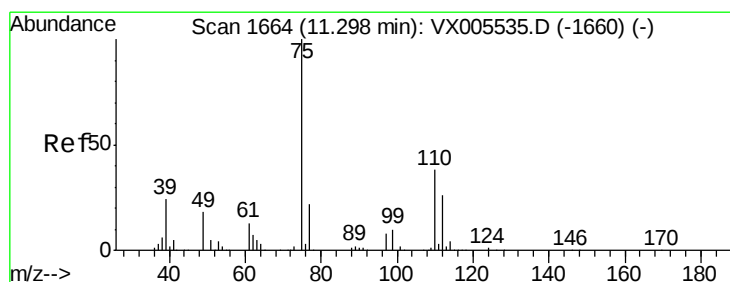
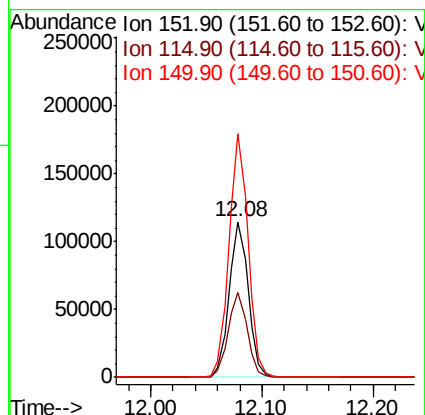
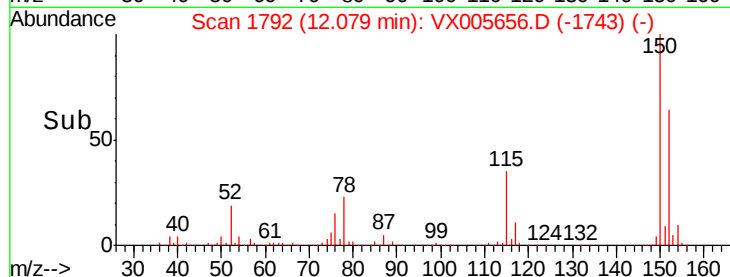
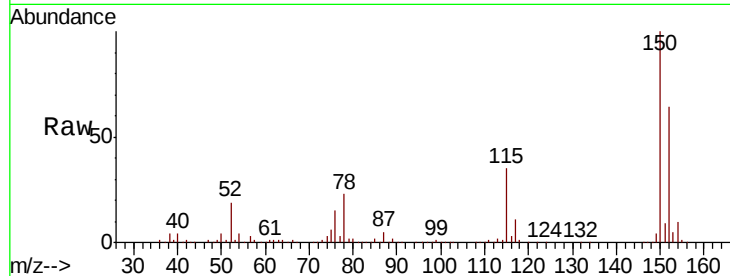
Tot Ion:152 Resp: 136119

Ion Ratio Lower Upper

152 100

115 54.6 39.4 118.1

150 156.6 0.0 346.4



#76

1,2,3-Trichloropropane

Concen: 21.589 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005656.D

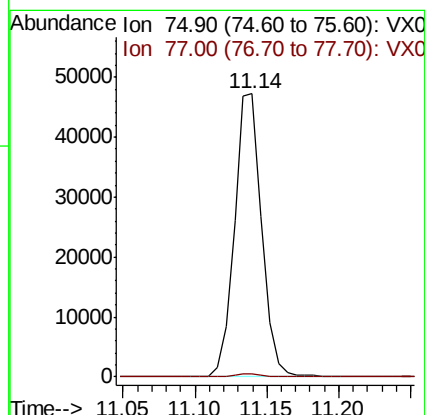
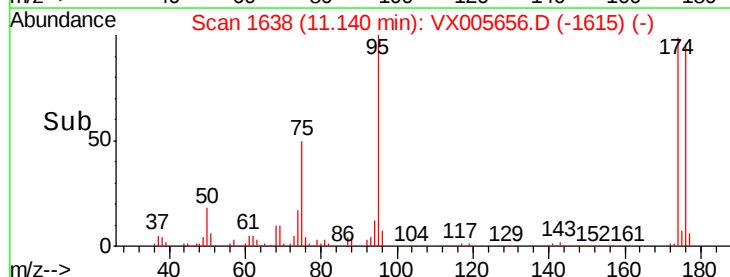
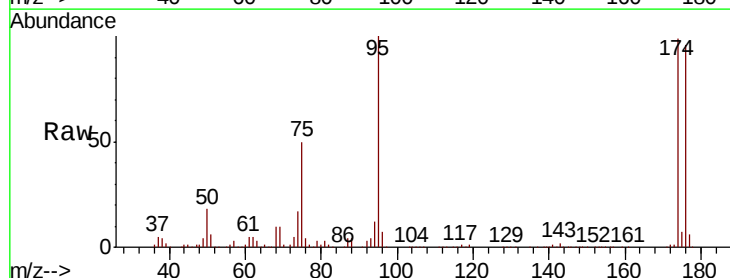
Acq: 29 Oct 2018 13:24

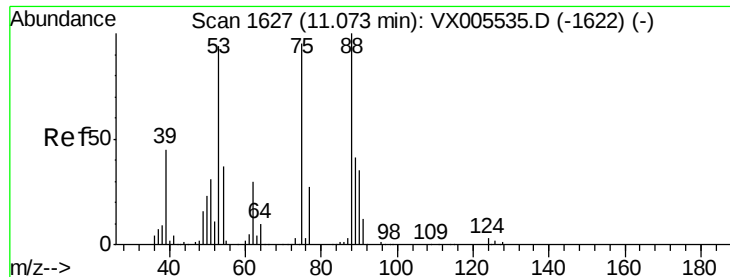
Tgt Ion: 75 Resp: 62264

Ion Ratio Lower Upper

75 100

77 1.2 20.5 61.6#





#81

trans-1,4-Dichloro-2-butene

Concen: 70.543 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX005656.D

Acq: 29 Oct 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

FT-DUP02-20181025

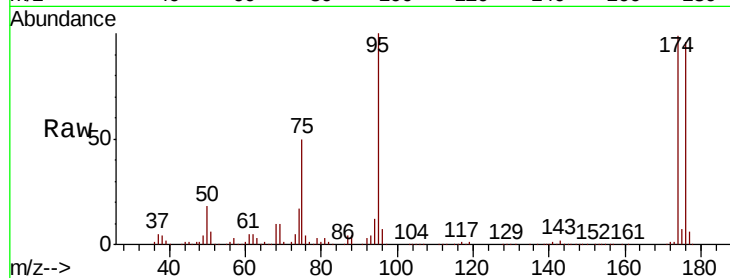
Tot Ion: 75 Resp: 62264

Ion Ratio Lower Upper

75 100

53 0.2 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

