

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090519\
 Data File : VX012112.D
 Acq On : 05 Sep 2019 20:26
 Operator : SY/SP
 Sample : K4548-02RE
 Misc : 5.95g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-2-(2.5)RE

Quant Time: Sep 06 05:45:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	140210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	234421	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	169273	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	49500	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	93208	48.18	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.36%	
35) Dibromofluoromethane	5.48	113	71424	49.54	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.08%	
50) Toluene-d8	8.71	98	268570	50.77	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.54%	
62) 4-Bromofluorobenzene	11.14	95	76485	31.09	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	62.18%	

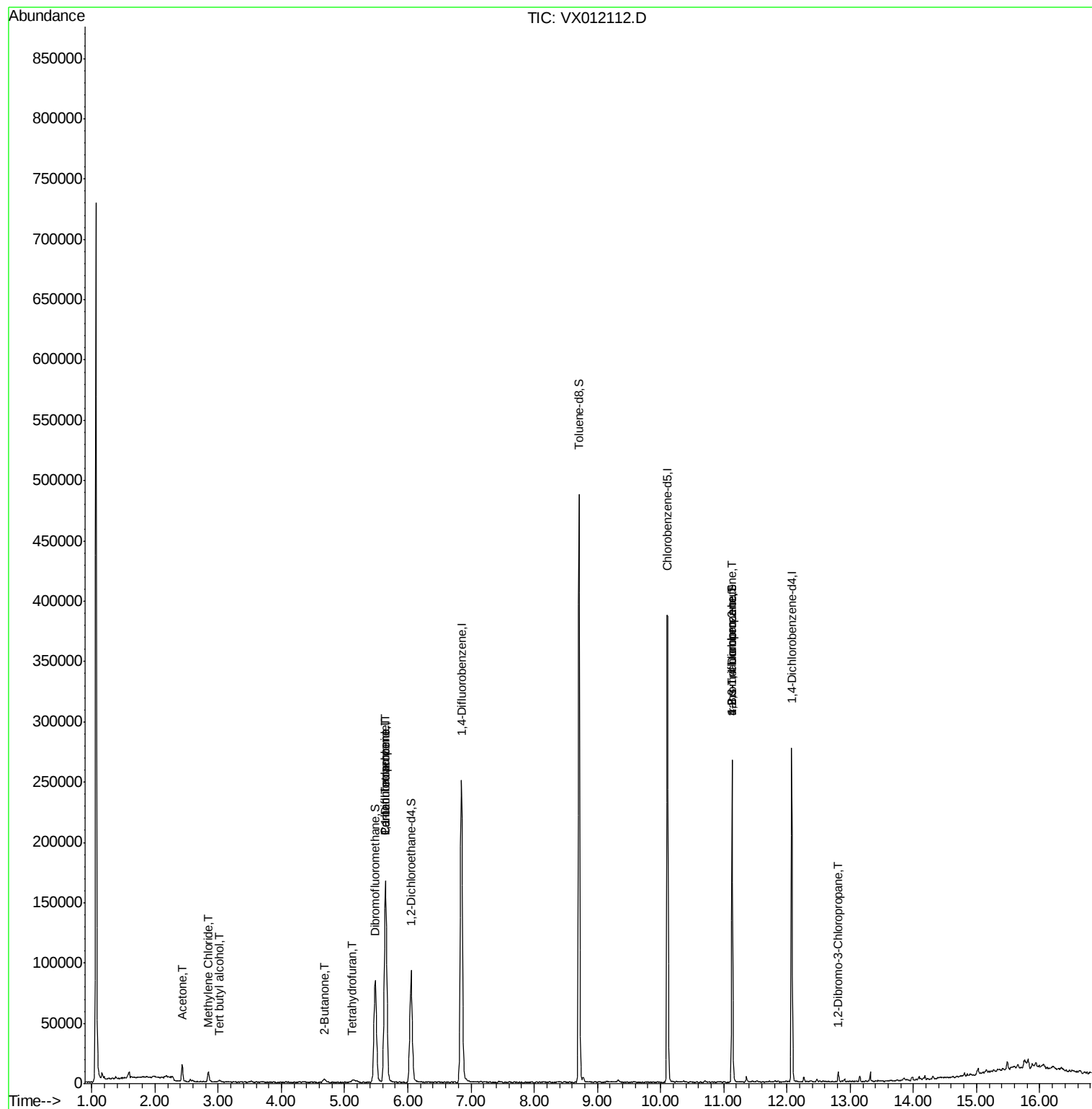
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.02	59	1734	9.332	ug/l #	75
13) Acrolein	2.27	56	62	Below Cal	#	1
16) Acetone	2.43	43	14312	30.950	ug/l	96
20) Methylene Chloride	2.84	84	3673	1.978	ug/l #	73
25) 2-Butanone	4.69	43	1314	2.232	ug/l	94
29) Tetrahydrofuran	5.12	42	721	2.033	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	13230	6.408	ug/l #	50
38) Carbon Tetrachloride	5.65	117	16167	7.431	ug/l #	16
76) 1,2,3-Trichloropropane	11.14	75	40166	66.410	ug/l #	31
81) trans-1,4-Dichloro-2-buten	11.14	75	40166	157.005	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	12.81	75	401	2.531	ug/l #	1

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

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T11-2-(2.5)RE

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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012112.D

Acq: 05 Sep 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

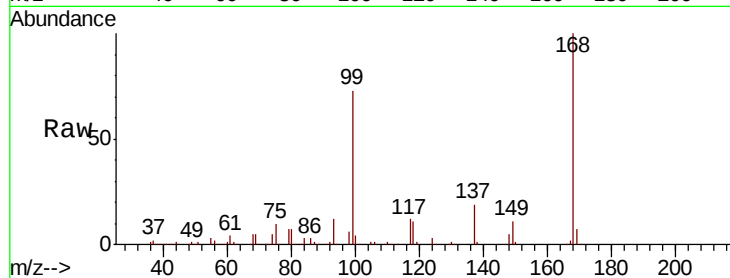
T11-2-(2.5)RE

Tgt Ion:168 Resp: 140210

Ion Ratio Lower Upper

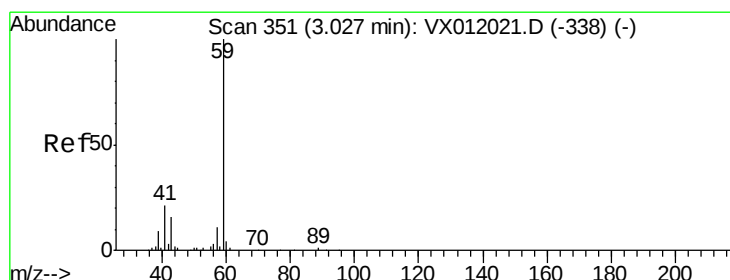
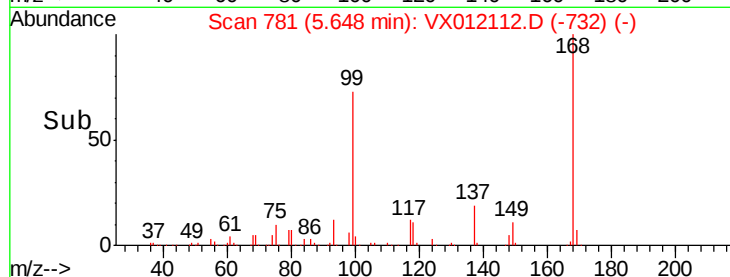
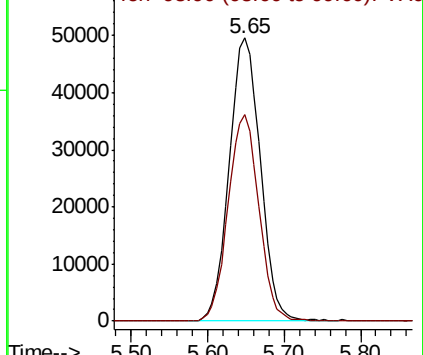
168 100

99 72.9 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 9.332 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX012112.D

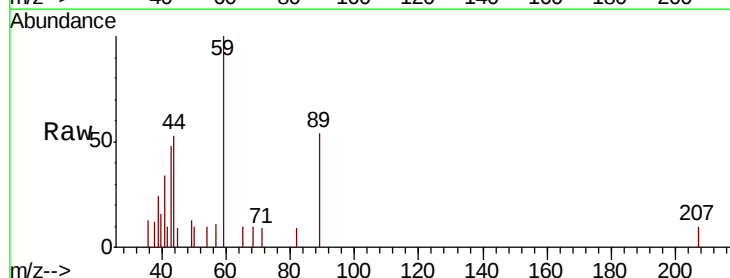
Acq: 05 Sep 2019 20:26

Tgt Ion: 59 Resp: 1734

Ion Ratio Lower Upper

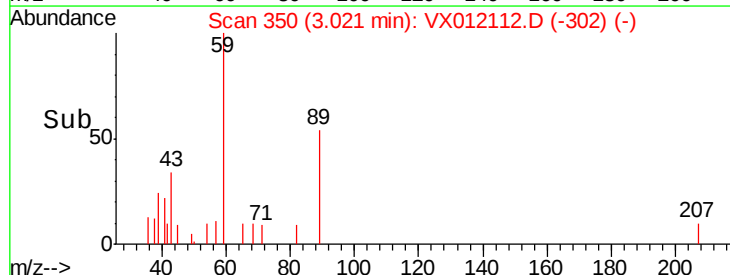
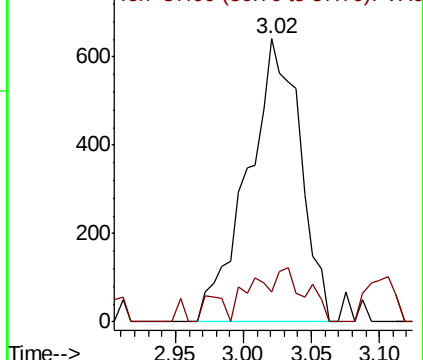
59 100

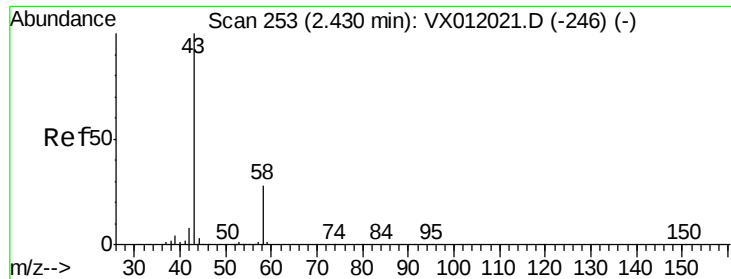
57 19.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 30.950 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012112.D

Acq: 05 Sep 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

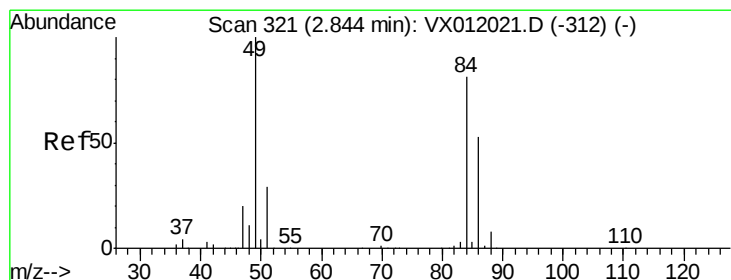
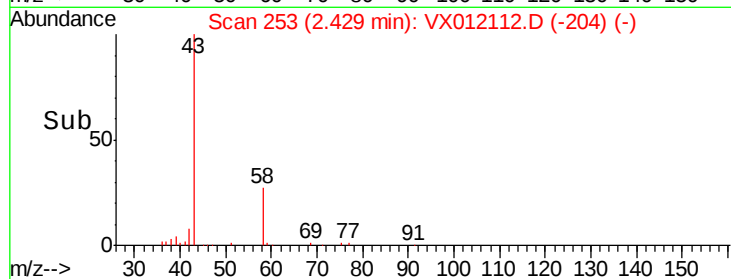
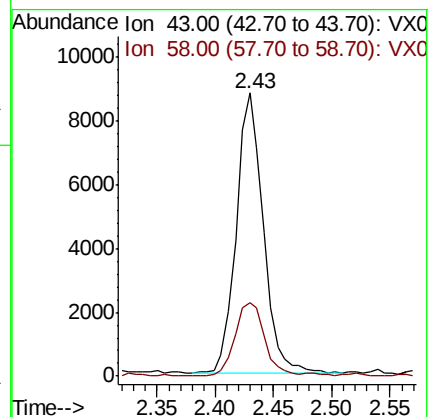
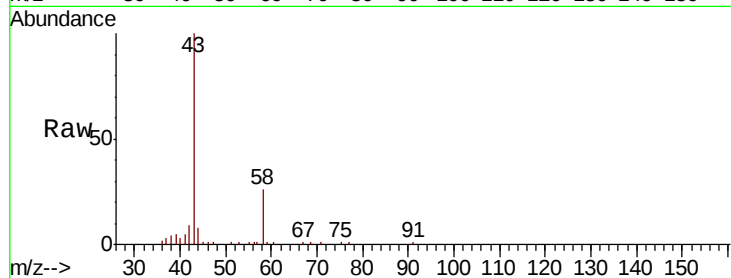
T11-2-(2.5)RE

Tgt Ion: 43 Resp: 14312

Ion Ratio Lower Upper

43 100

58 26.4 22.8 34.2



#20

Methylene Chloride

Concen: 1.978 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012112.D

Acq: 05 Sep 2019 20:26

Tgt Ion: 84 Resp: 3673

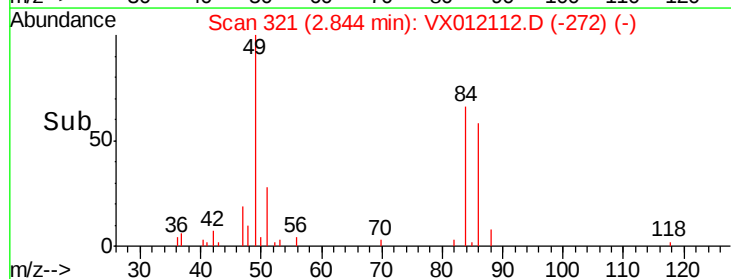
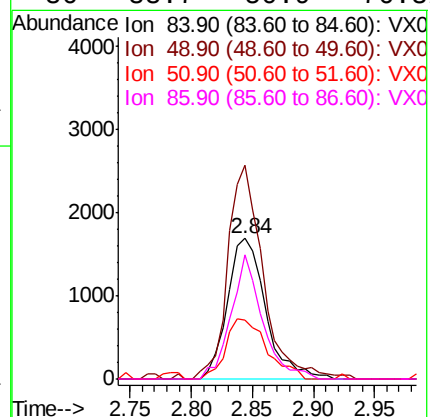
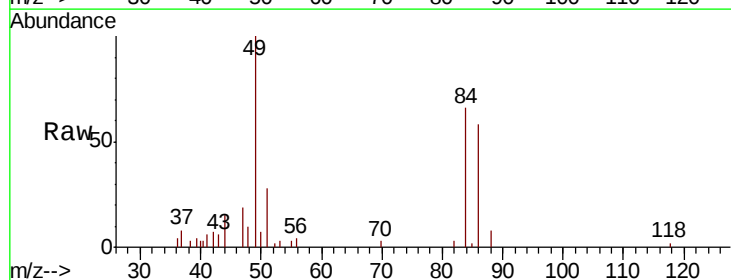
Ion Ratio Lower Upper

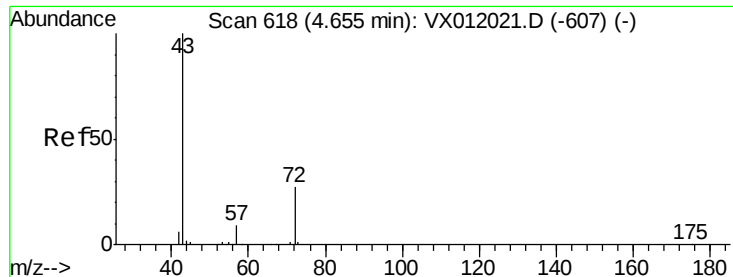
84 100

49 151.9 95.8 143.8#

51 42.3 28.6 43.0

86 88.7 50.9 76.3#





#25

2-Butanone

Concen: 2.232 ug/l

RT: 4.69 min Scan# 623

Delta R.T. 0.03 min

Lab File: VX012112.D

Acq: 05 Sep 2019 20:26

Instrument :

MSVOA_X

ClientSampled :

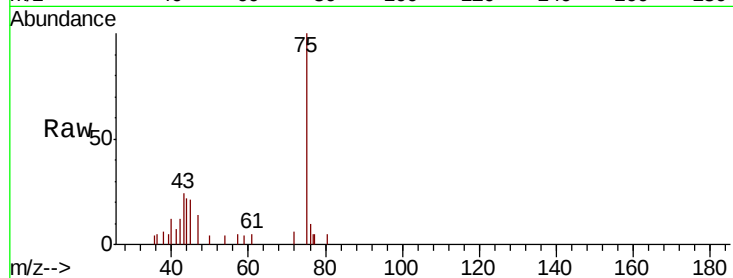
T11-2-(2.5)RE

Tgt Ion: 43 Resp: 1314

Ion Ratio Lower Upper

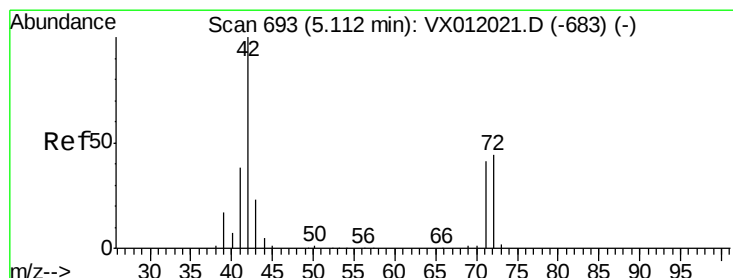
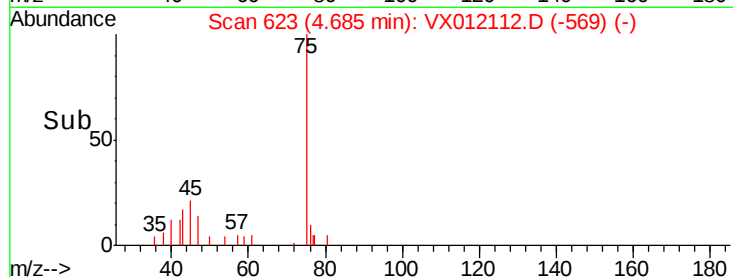
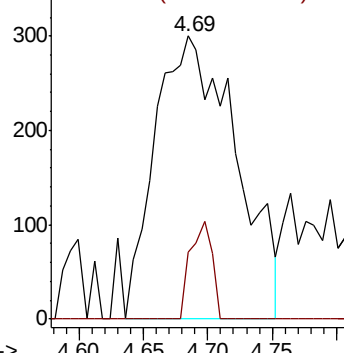
43 100

72 23.7 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#29

Tetrahydrofuran

Concen: 2.033 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012112.D

Acq: 05 Sep 2019 20:26

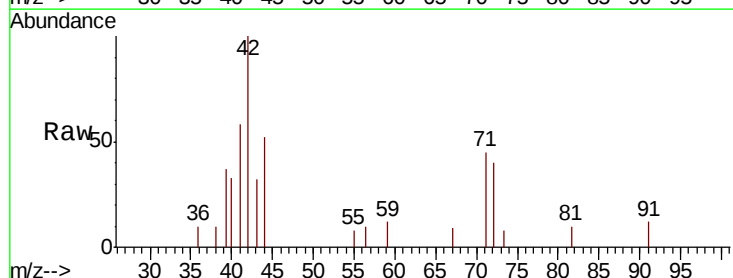
Tgt Ion: 42 Resp: 721

Ion Ratio Lower Upper

42 100

72 126.9 37.0 55.4#

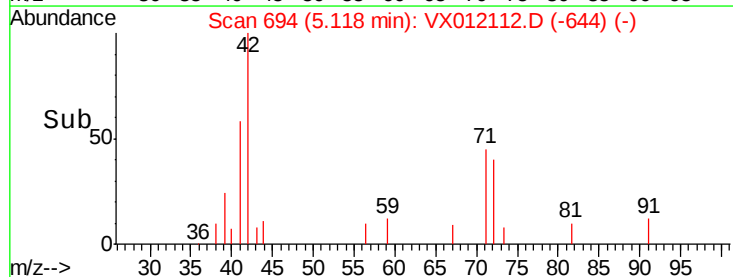
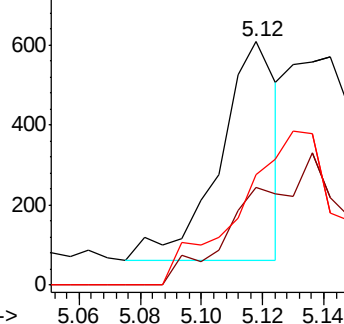
71 146.5 33.8 50.8#

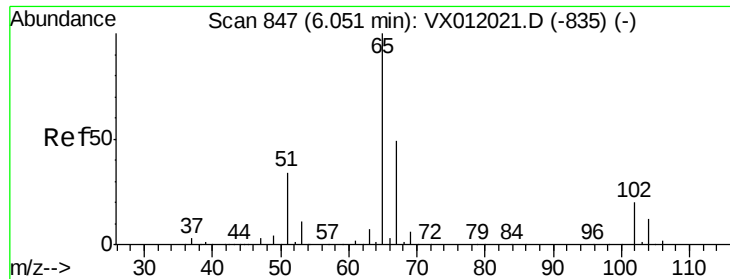


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

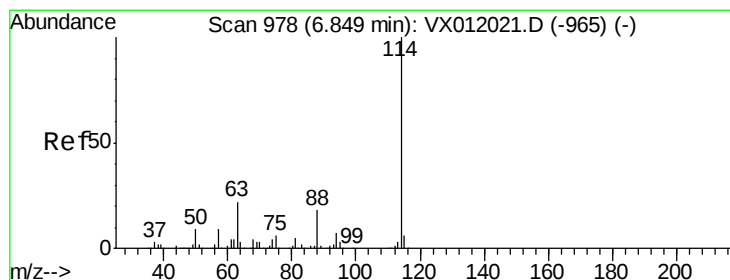
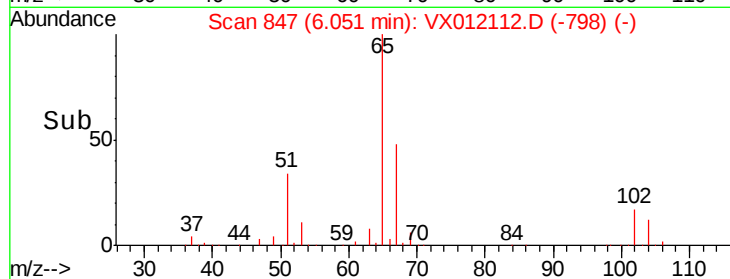
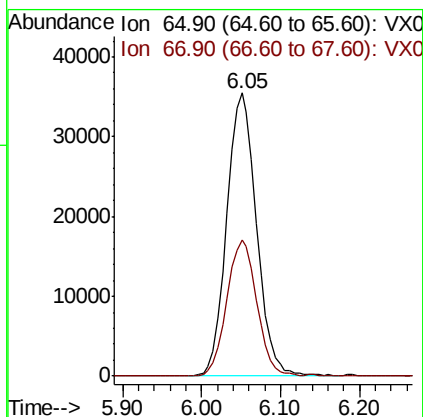
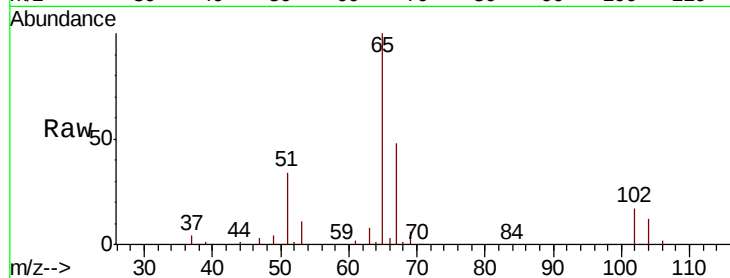




#33
 1,2-Dichloroethane-d4
 Concen: 48.179 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012112.D
 Acq: 05 Sep 2019 20:26

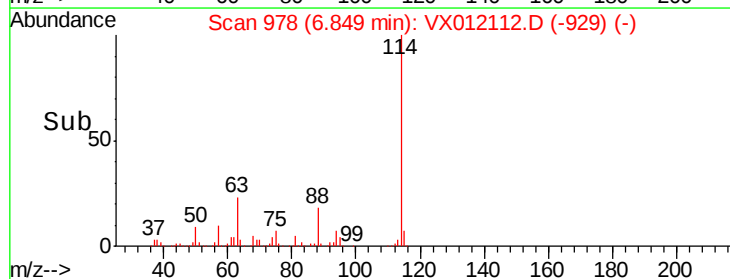
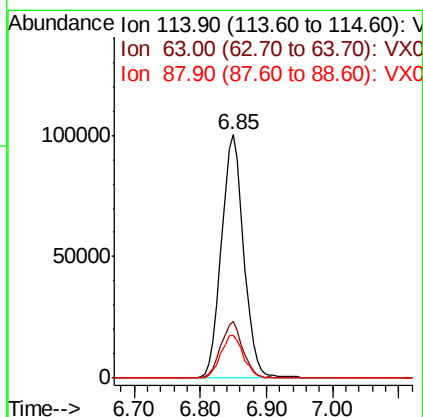
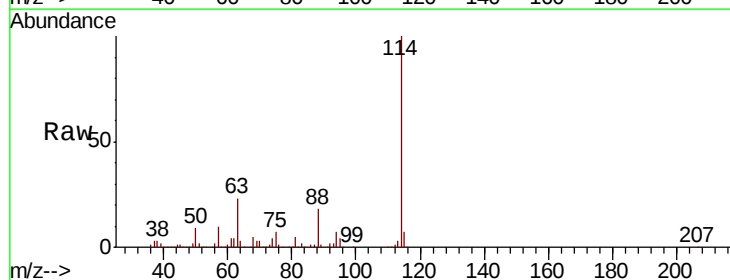
Instrument :
 MSVOA_X
 ClientSampleId :
 T11-2-(2.5)RE

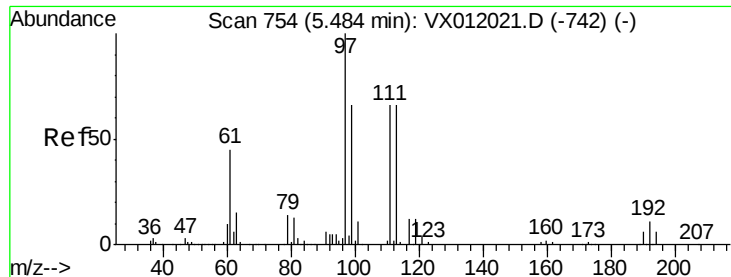
Tgt Ion: 65 Resp: 93208
 Ion Ratio Lower Upper
 65 100
 67 48.6 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012112.D
 Acq: 05 Sep 2019 20:26

Tgt Ion: 114 Resp: 234421
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 37.4
 88 17.6 0.0 29.6

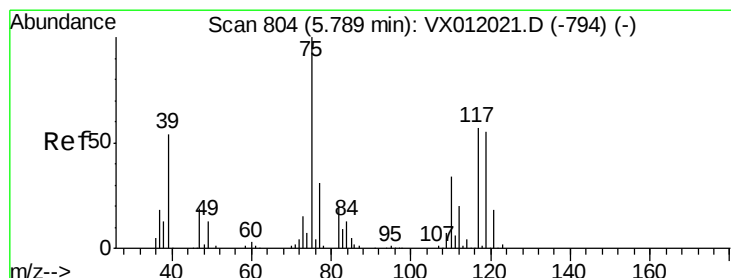
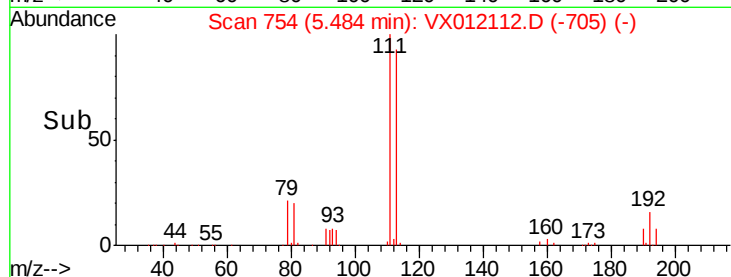
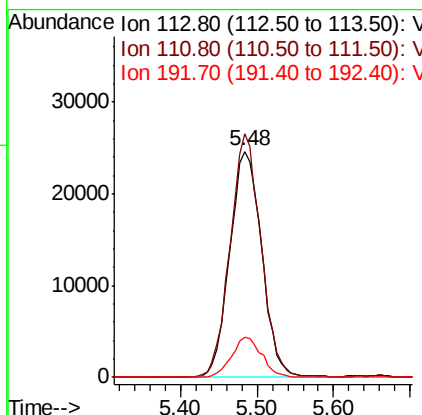
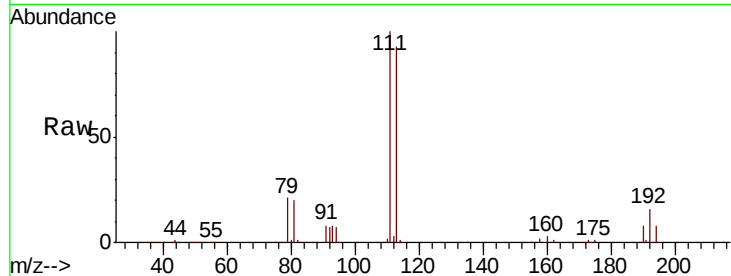




#35
 Dibromofluoromethane
 Concen: 49.544 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012112.D
 Acq: 05 Sep 2019 20:26

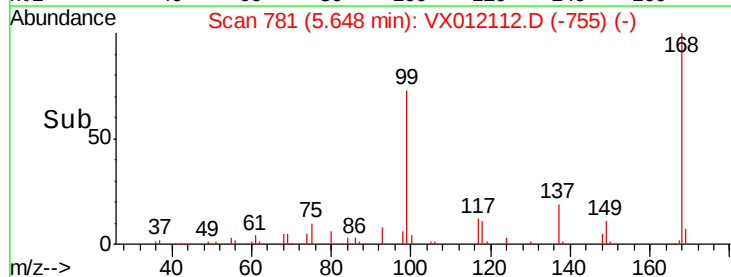
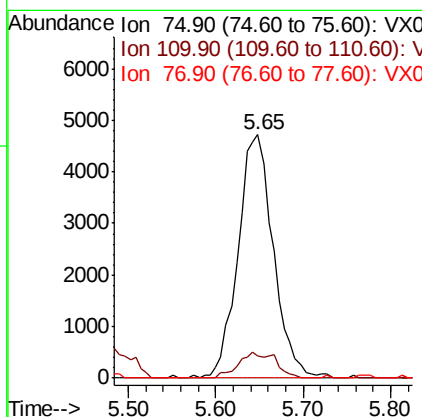
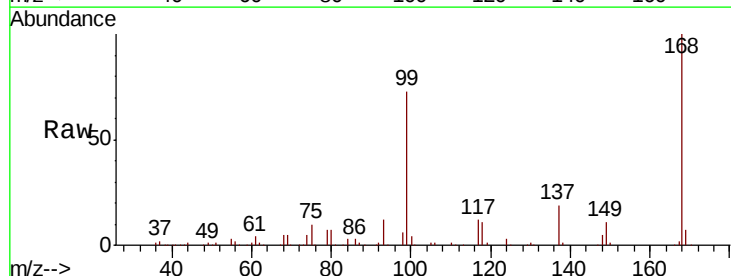
Instrument :
 MSVOA_X
 ClientSampleId :
 T11-2-(2.5)RE

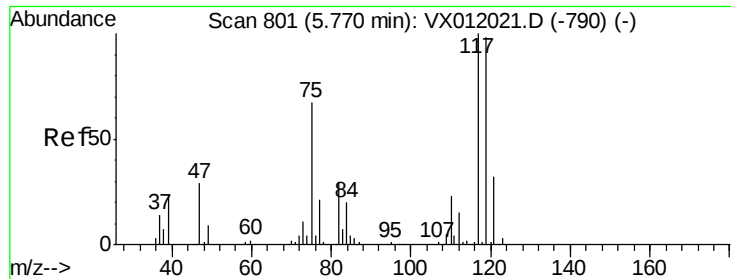
Tgt Ion:113 Resp: 71424
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.7 122.5
 192 16.9 22.5 33.7#



#36
 1,1-Dichloropropene
 Concen: 6.408 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012112.D
 Acq: 05 Sep 2019 20:26

Tgt Ion: 75 Resp: 13230
 Ion Ratio Lower Upper
 75 100
 110 11.3 19.5 58.5#
 77 0.0 24.6 37.0#

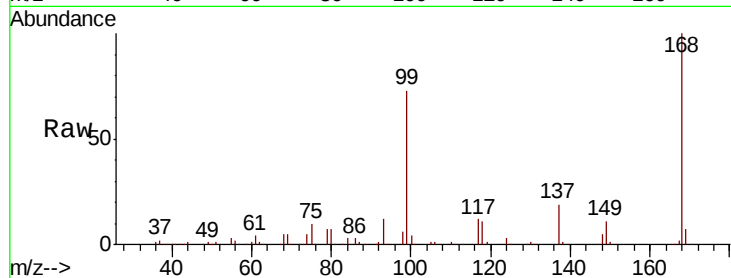




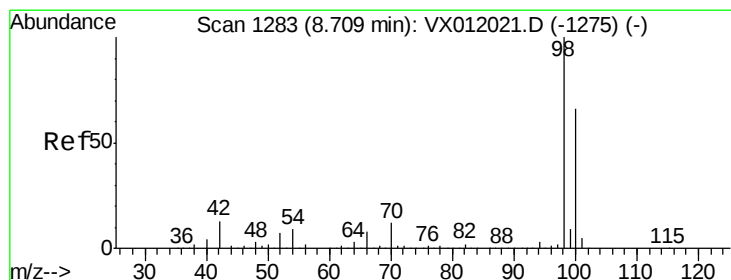
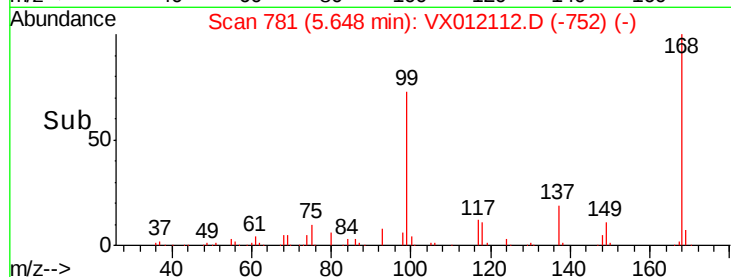
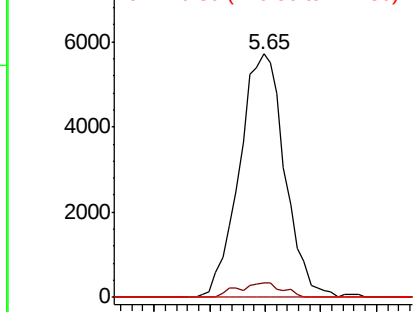
#38
Carbon Tetrachloride
Concen: 7.431 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.12 min
Lab File: VX012112.D
Acq: 05 Sep 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
T11-2-(2.5)RE

Tgt Ion:117 Resp: 16167
Ion Ratio Lower Upper
117 100
119 6.0 78.3 117.5#
121 0.0 24.2 36.2#

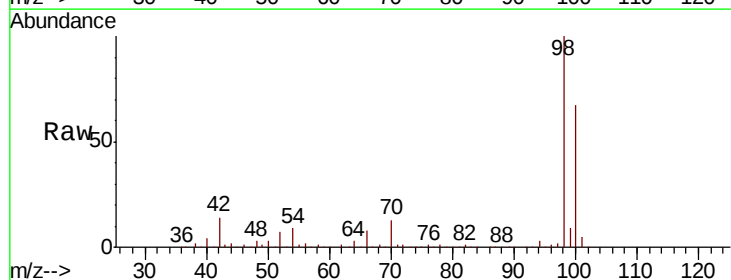


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

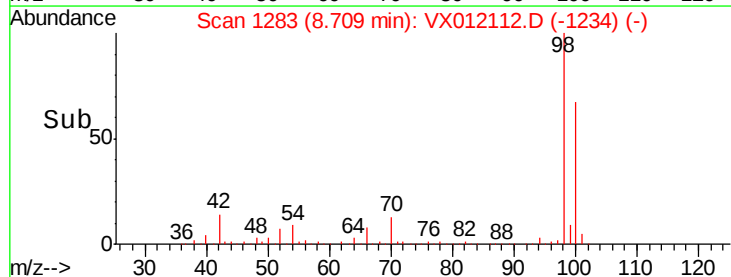
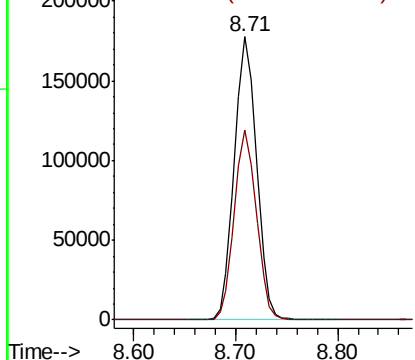


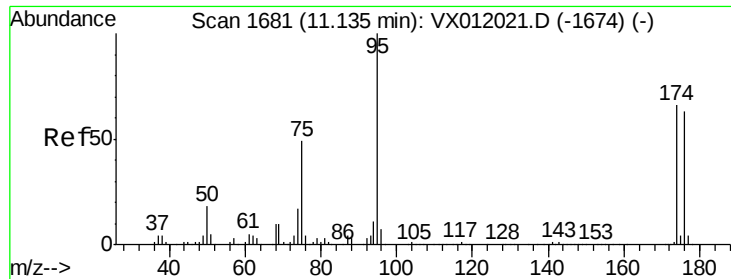
#50
Toluene-d8
Concen: 50.768 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012112.D
Acq: 05 Sep 2019 20:26

Tgt Ion: 98 Resp: 268570
Ion Ratio Lower Upper
98 100
100 66.8 53.3 79.9



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

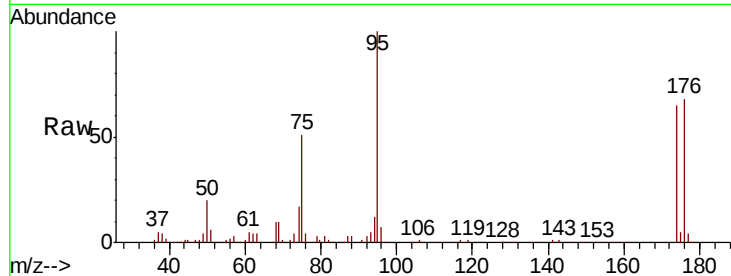




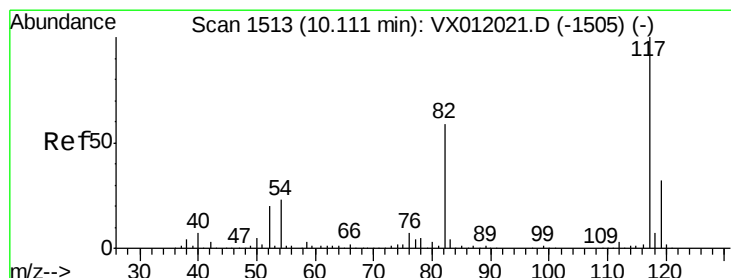
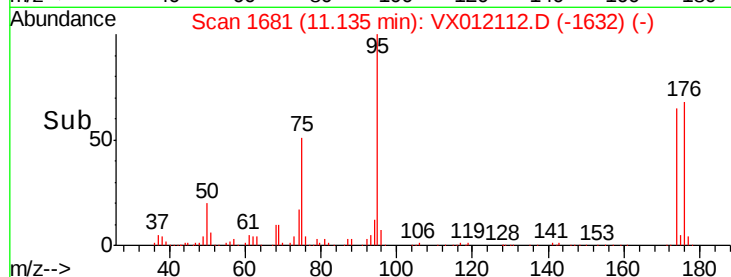
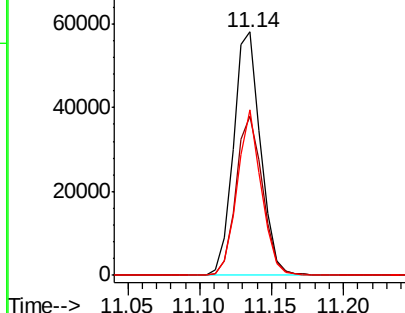
#62
4-Bromofluorobenzene
Concen: 31.089 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012112.D
Acq: 05 Sep 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
T11-2-(2.5)RE

Tgt Ion: 95 Resp: 76485
Ion Ratio Lower Upper
95 100
174 64.3 0.0 205.4
176 60.8 0.0 201.8

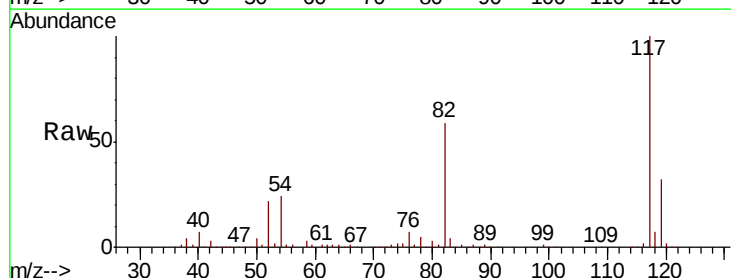


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

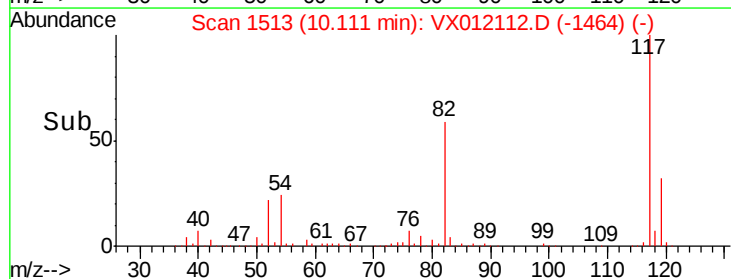
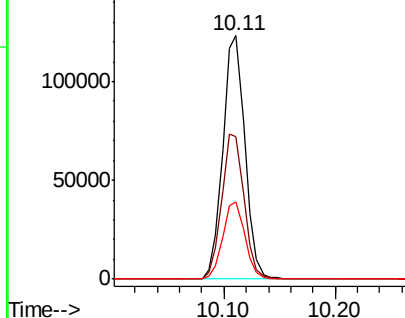


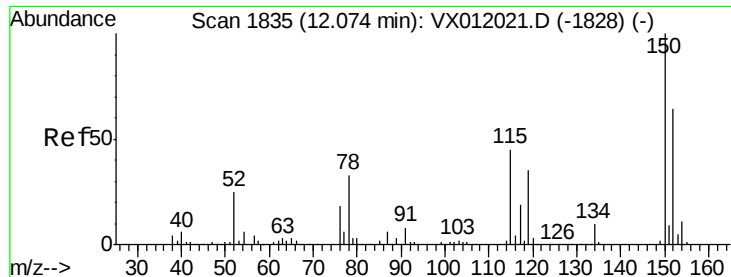
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012112.D
Acq: 05 Sep 2019 20:26

Tgt Ion: 117 Resp: 169273
Ion Ratio Lower Upper
117 100
82 58.6 39.4 59.0
119 31.9 26.1 39.1



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: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012112.D

Acq: 05 Sep 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

T11-2-(2.5)RE

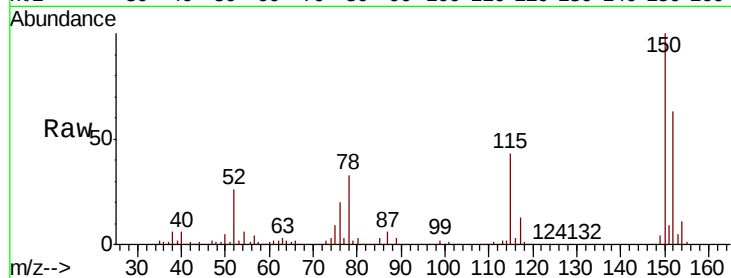
Tgt Ion:152 Resp: 49500

Ion Ratio Lower Upper

152 100

115 66.5 36.4 109.3

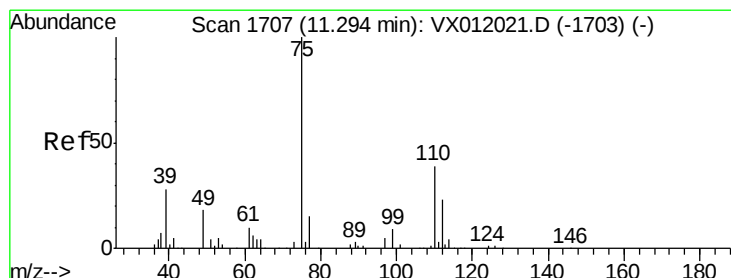
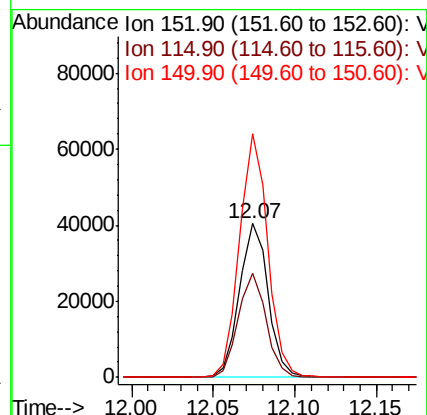
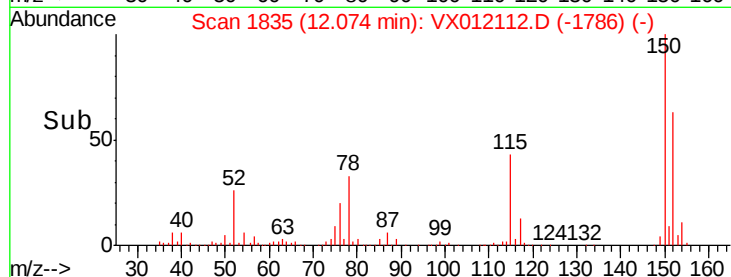
150 156.0 0.0 341.2



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: 66.410 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX012112.D

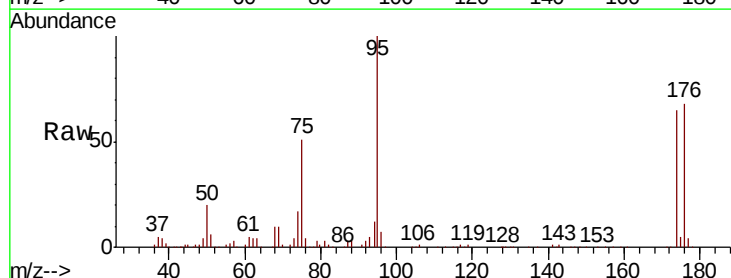
Acq: 05 Sep 2019 20:26

Tgt Ion: 75 Resp: 40166

Ion Ratio Lower Upper

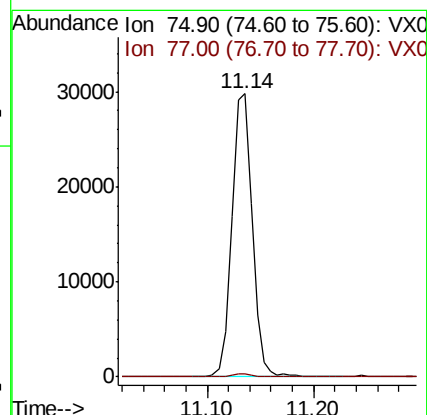
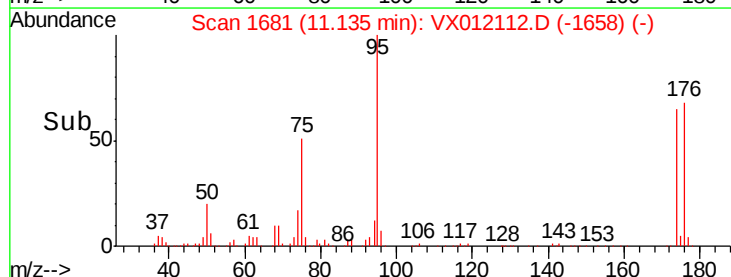
75 100

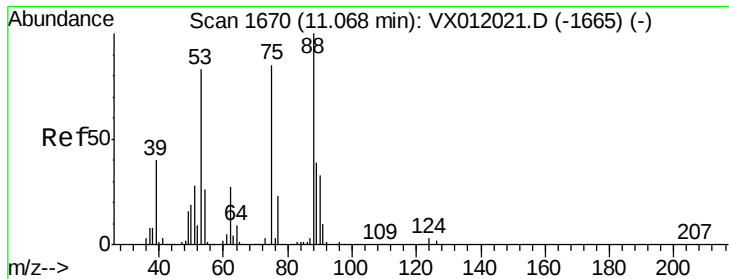
77 1.2 23.5 70.5#



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: 157.005 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012112.D

Acq: 05 Sep 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

T11-2-(2.5)RE

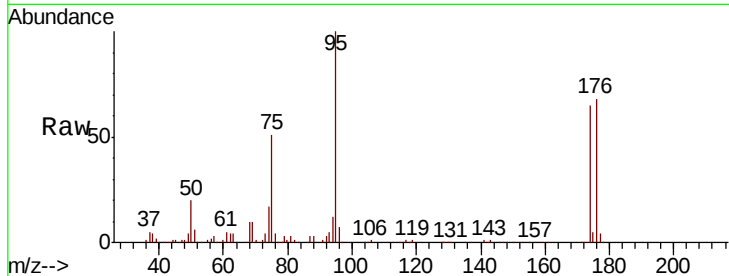
Tgt Ion: 75 Resp: 40166

Ion Ratio Lower Upper

75 100

53 0.1 78.6 117.8#

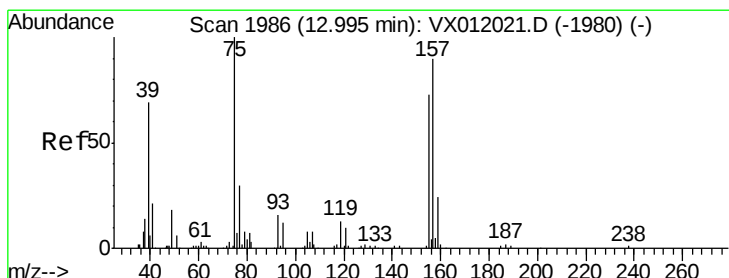
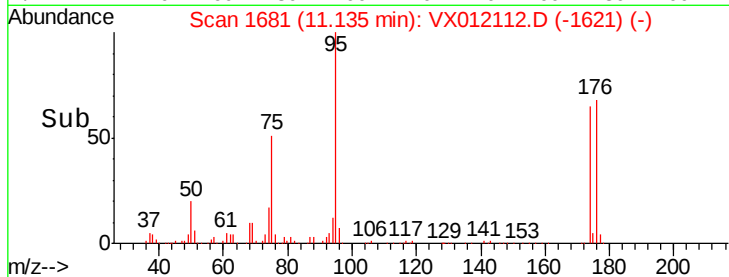
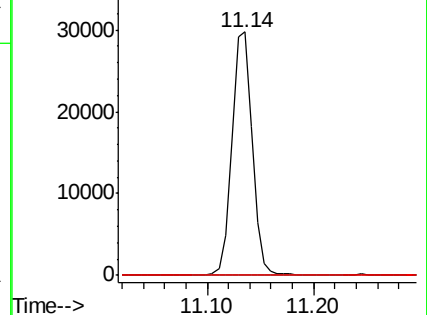
89 0.0 38.8 58.2#



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.531 ug/l

RT: 12.81 min Scan# 1956

Delta R.T. -0.18 min

Lab File: VX012112.D

Acq: 05 Sep 2019 20:26

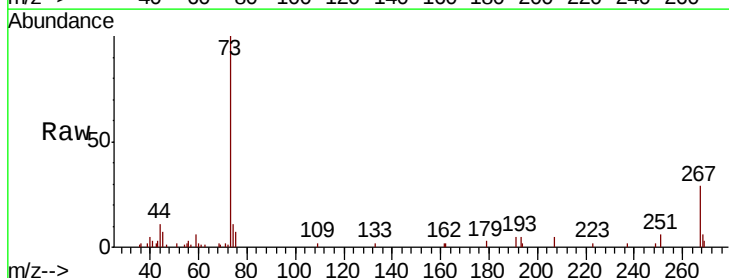
Tgt Ion: 75 Resp: 401

Ion Ratio Lower Upper

75 100

155 0.0 51.7 155.2#

157 0.0 66.9 200.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

