

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091219\
 Data File : VX012358.D
 Acq On : 12 Sep 2019 20:15
 Operator : SY/SP
 Sample : K4752-07
 Misc : 5.10g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-14-14.5-15.0

Quant Time: Sep 13 02:01:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

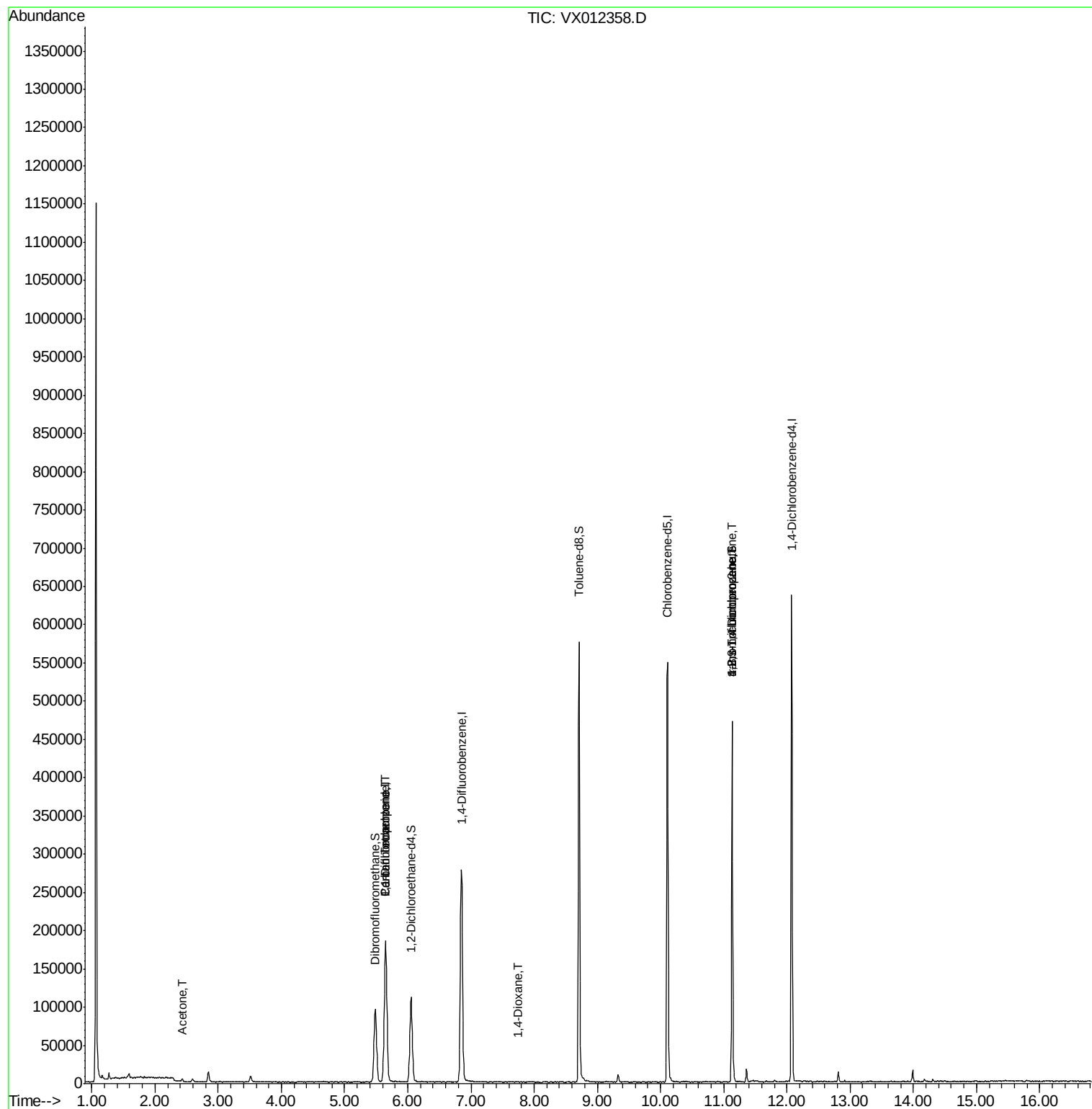
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	159611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	270821	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	245450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	119934	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	110341	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
35) Dibromofluoromethane	5.48	113	80629	46.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.88%	
50) Toluene-d8	8.71	98	324984	53.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.74%	
62) 4-Bromofluorobenzene	11.14	95	130722	46.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.62%	
Target Compounds						
5) Bromomethane	1.63	94	246	Below Cal	#	3
11) Tert butyl alcohol	3.03	59	413	Below Cal	#	93
16) Acetone	2.43	43	4105	7.684	ug/l	91
36) 1,1-Dichloropropene	5.64	75	14473	7.329	ug/l #	52
38) Carbon Tetrachloride	5.65	117	17996	7.767	ug/l #	14
49) 1,4-Dioxane	7.75	88	49	2.948	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	68522	44.474	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	68522	133.253	ug/l #	5

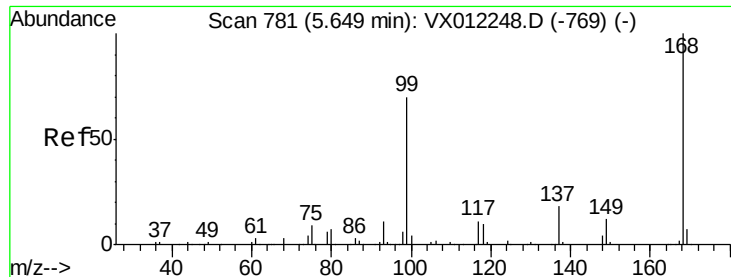
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012358.D

Acq: 12 Sep 2019 20:15

Instrument :

MSVOA_X

ClientSampleId :

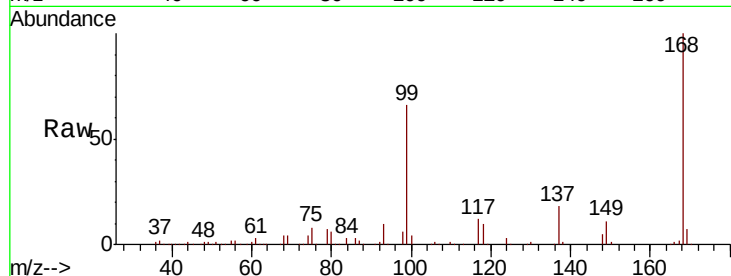
SB-14-14.5-15.0

Tgt Ion:168 Resp: 159611

Ion Ratio Lower Upper

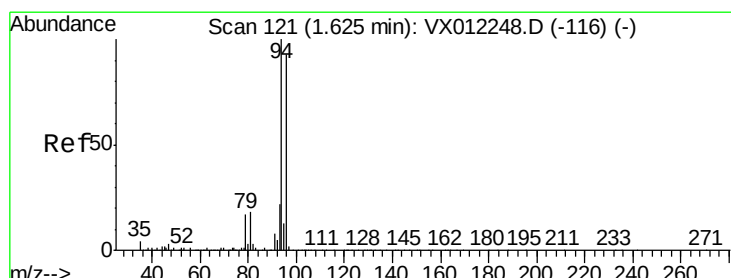
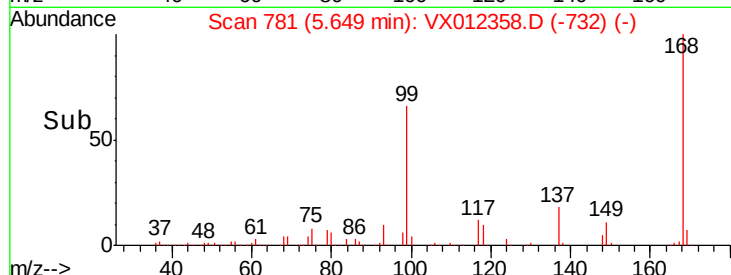
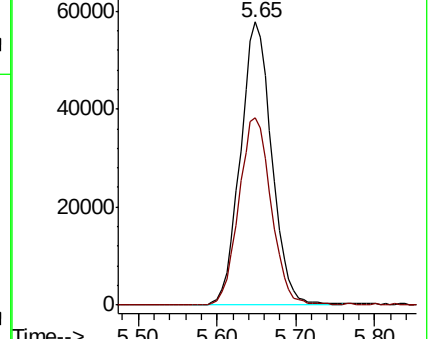
168 100

99 66.3 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012358.D

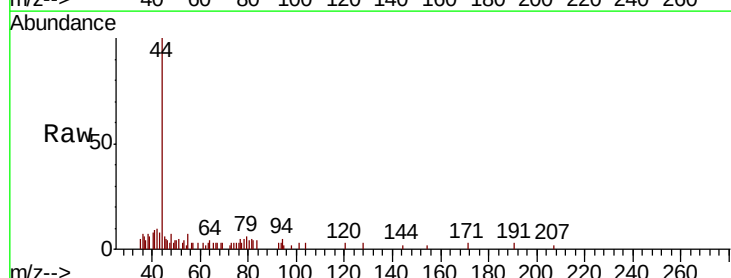
Acq: 12 Sep 2019 20:15

Tgt Ion: 94 Resp: 246

Ion Ratio Lower Upper

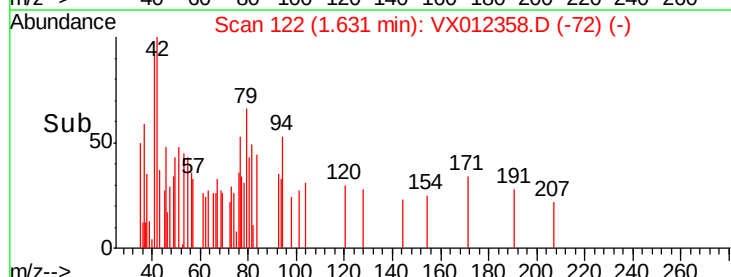
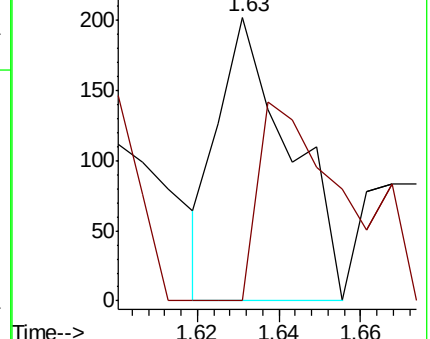
94 100

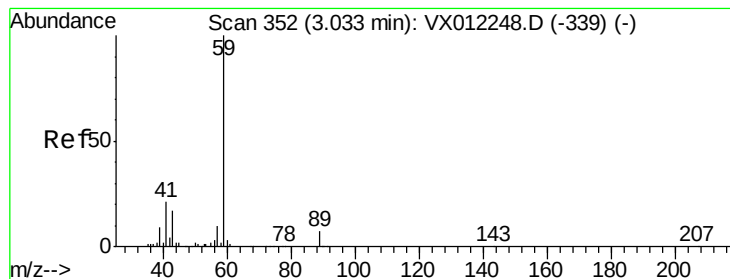
96 0.0 74.0 111.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#11

Tert butyl alcohol

Concen: Below Cal

RT: 3.03 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX012358.D

Acq: 12 Sep 2019 20:15

Instrument :

MSVOA_X

ClientSampleId :

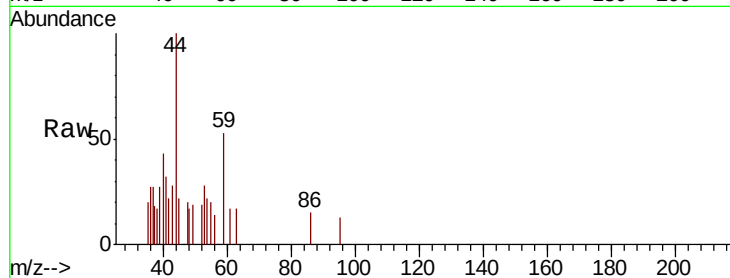
SB-14-14.5-15.0

Tgt Ion: 59 Resp: 413

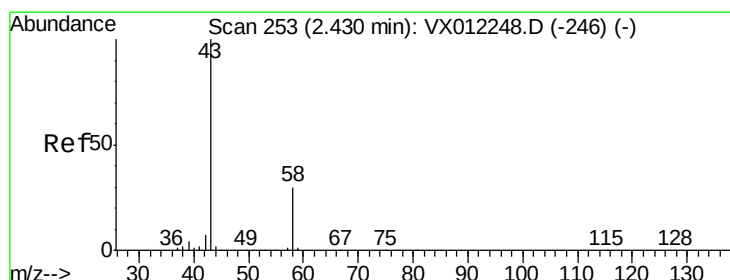
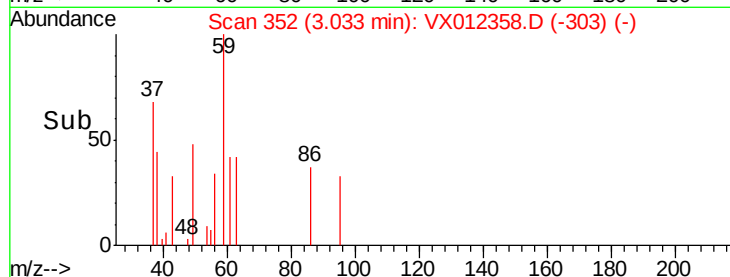
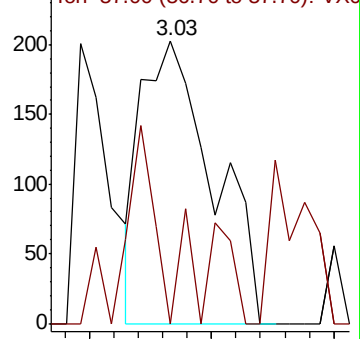
Ion Ratio Lower Upper

59 100

57 7.3 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0



#16

Acetone

Concen: 7.684 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX012358.D

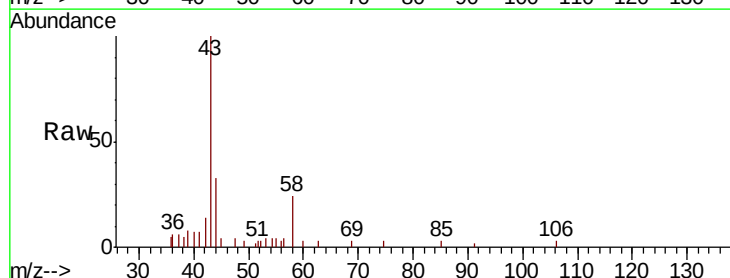
Acq: 12 Sep 2019 20:15

Tgt Ion: 43 Resp: 4105

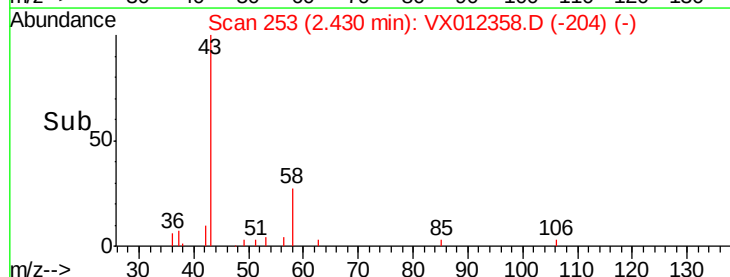
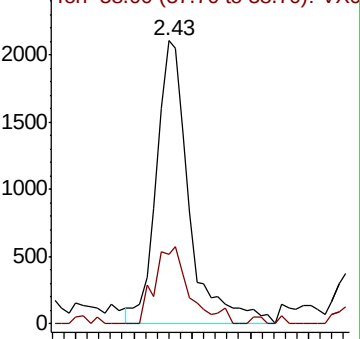
Ion Ratio Lower Upper

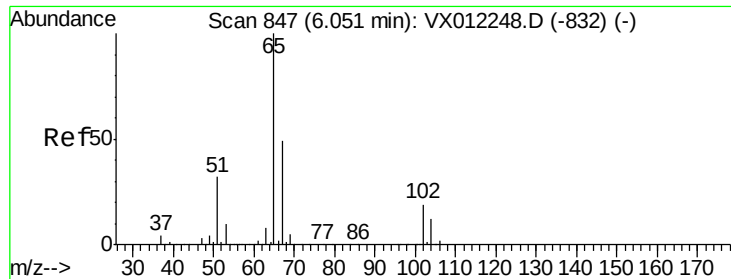
43 100

58 24.5 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

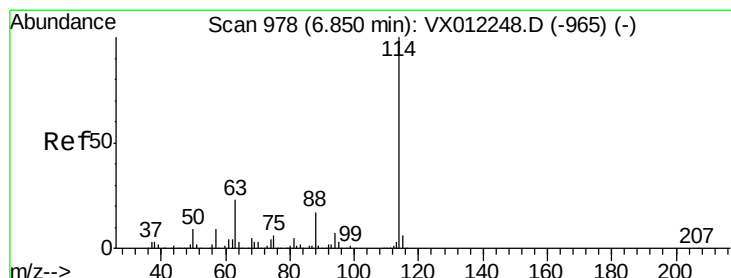
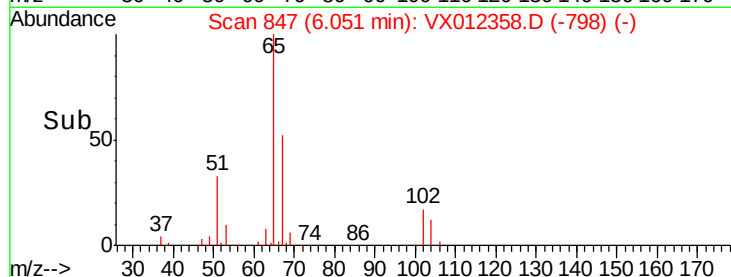
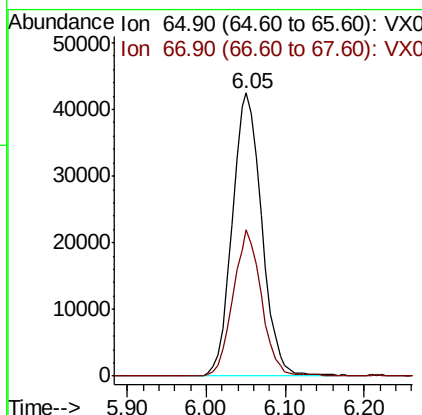
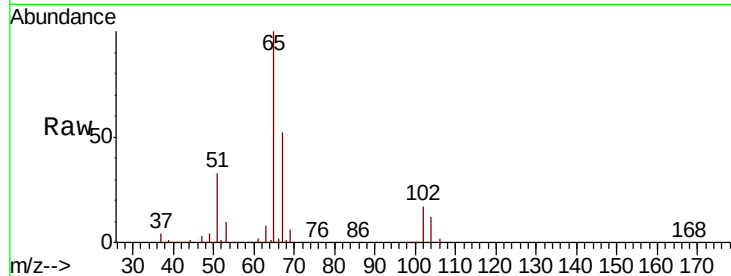




#33
 1,2-Dichloroethane-d4
 Concen: 48.897 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012358.D
 Acq: 12 Sep 2019 20:15

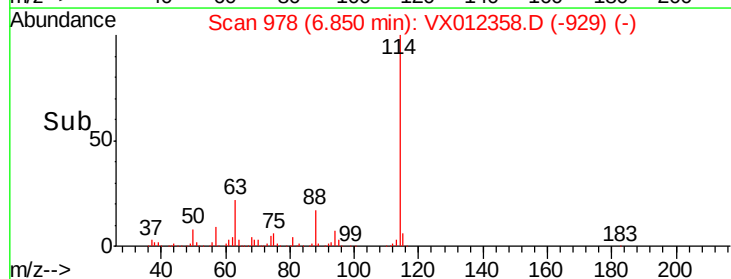
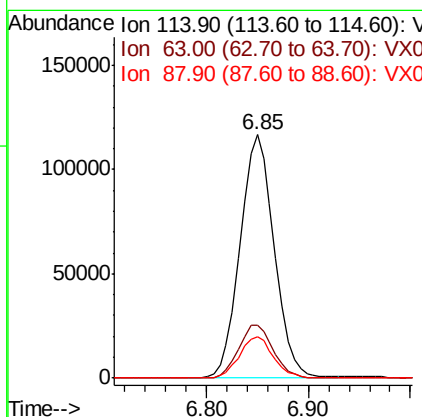
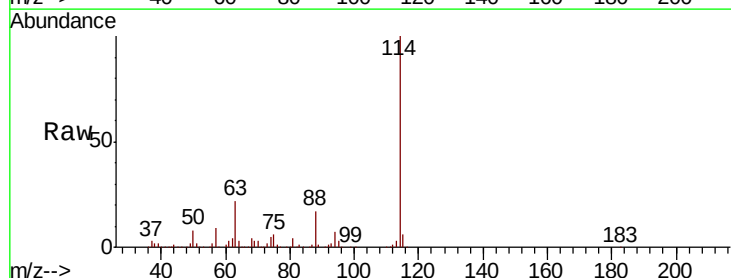
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-14-14.5-15.0

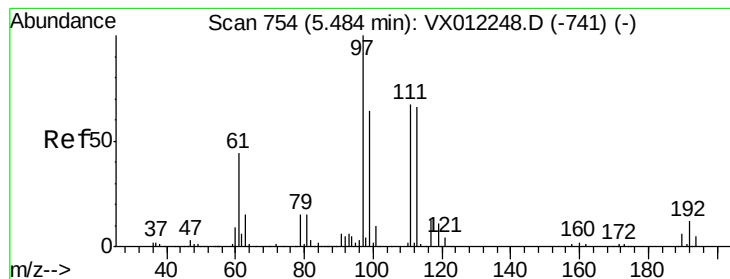
Tgt Ion: 65 Resp: 110341
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012358.D
 Acq: 12 Sep 2019 20:15

Tgt Ion: 114 Resp: 270821
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 45.2
 88 17.2 0.0 34.8





#35

Dibromofluoromethane

Concen: 46.443 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012358.D

Acq: 12 Sep 2019 20:15

Instrument :

MSVOA_X

ClientSampleId :

SB-14-14.5-15.0

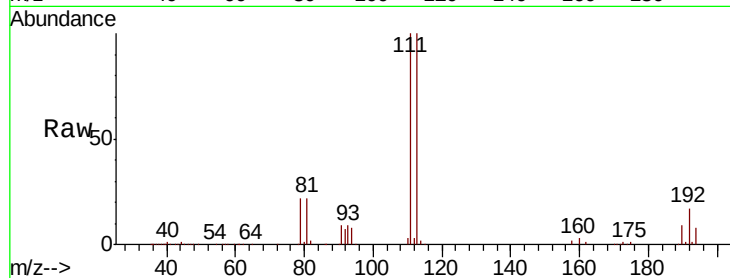
Tgt Ion:113 Resp: 80629

Ion Ratio Lower Upper

113 100

111 103.5 83.0 124.6

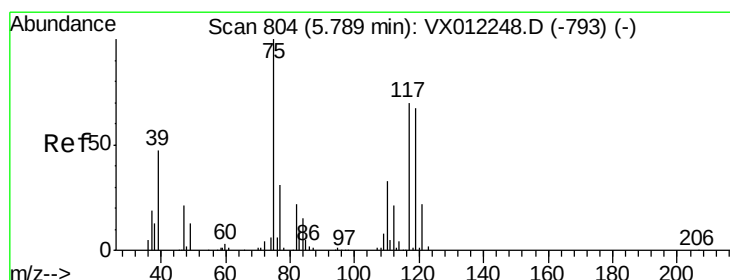
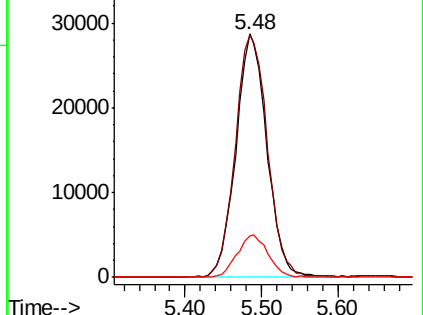
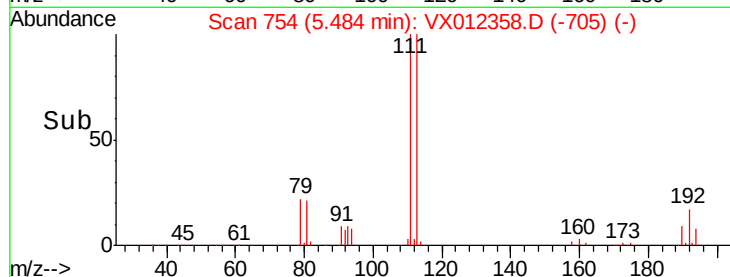
192 17.5 14.3 21.5



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: 7.329 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.15 min

Lab File: VX012358.D

Acq: 12 Sep 2019 20:15

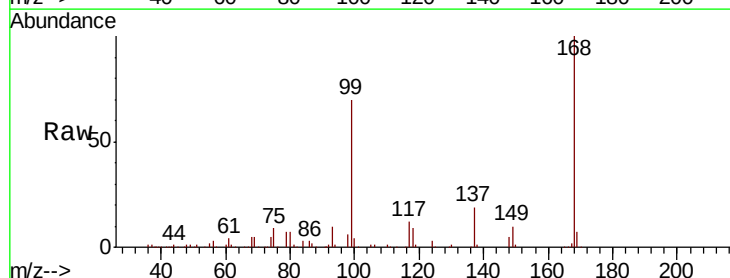
Tgt Ion: 75 Resp: 14473

Ion Ratio Lower Upper

75 100

110 9.9 16.8 50.4#

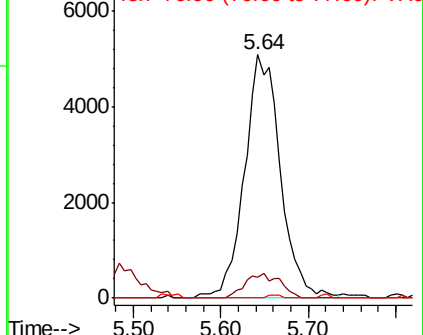
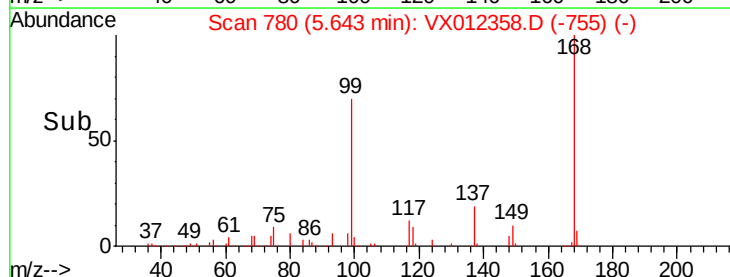
77 0.0 24.5 36.7#

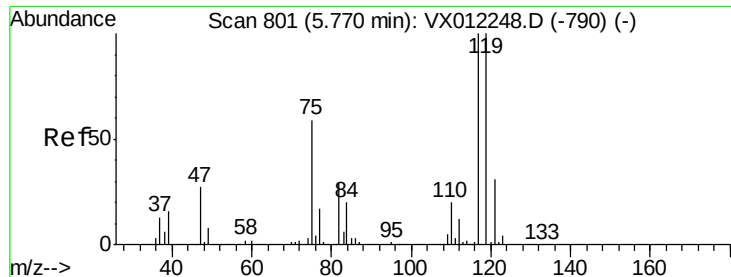


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

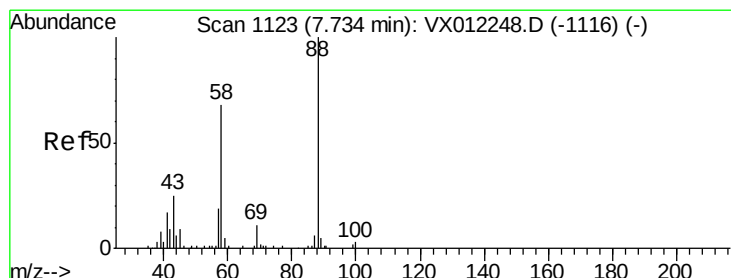
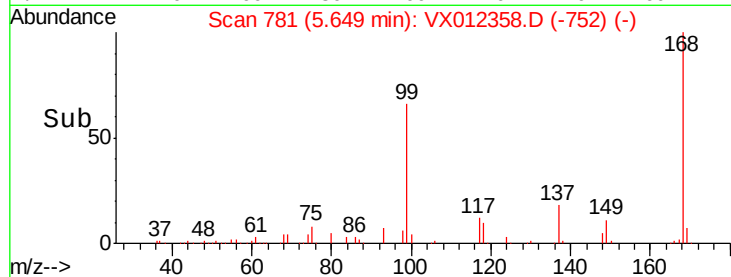
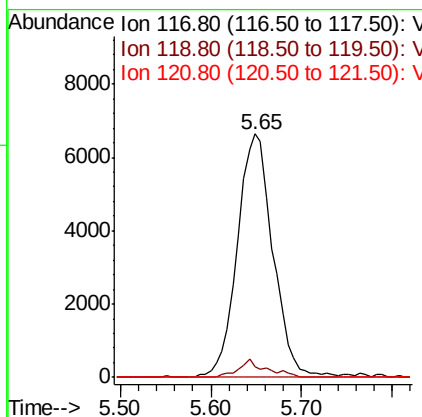
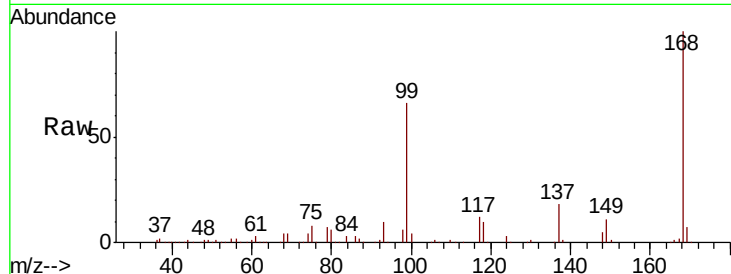




#38
 Carbon Tetrachloride
 Concen: 7.767 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.12 min
 Lab File: VX012358.D
 Acq: 12 Sep 2019 20:15

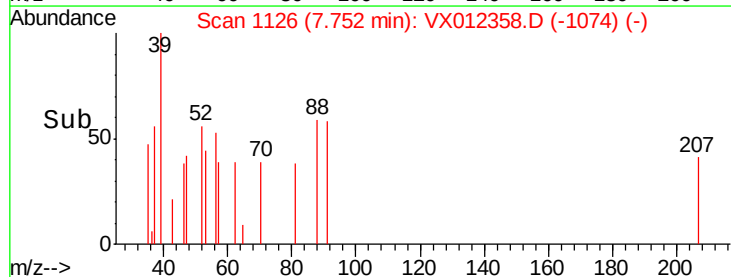
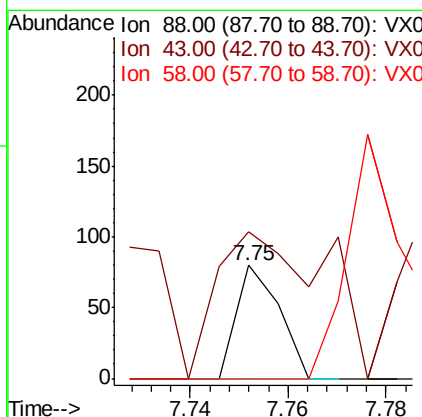
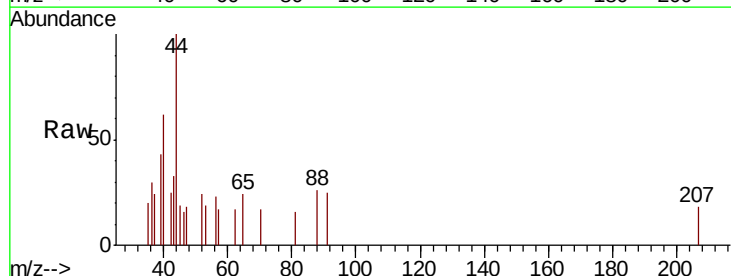
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-14-14.5-15.0

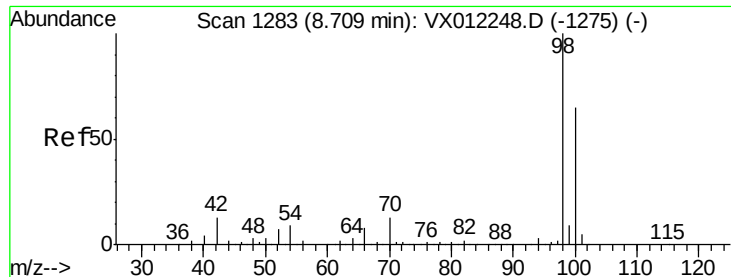
Tgt Ion: 117 Resp: 17996
 Ion Ratio Lower Upper
 117 100
 119 4.2 79.6 119.4#
 121 0.0 24.7 37.1#



#49
 1,4-Dioxane
 Concen: 2.948 ug/l
 RT: 7.75 min Scan# 1126
 Delta R.T. 0.02 min
 Lab File: VX012358.D
 Acq: 12 Sep 2019 20:15

Tgt Ion: 88 Resp: 49
 Ion Ratio Lower Upper
 88 100
 43 326.5 31.0 46.4#
 58 0.0 61.5 92.3#

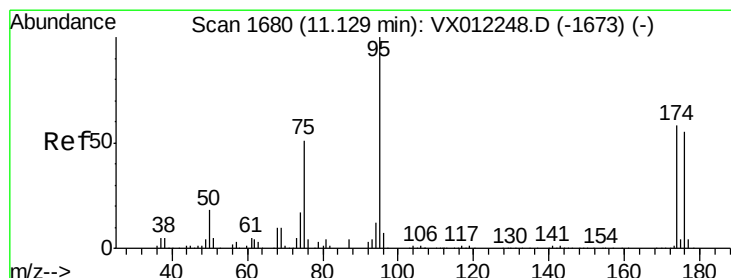
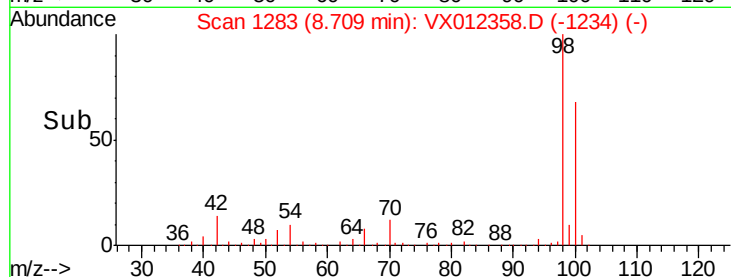
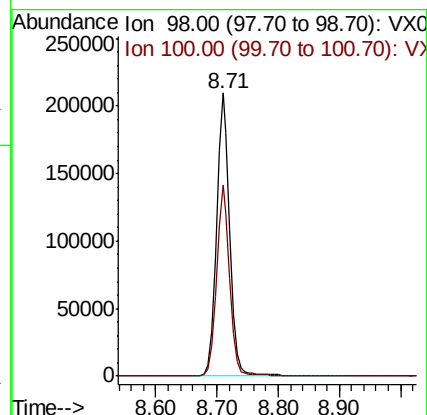
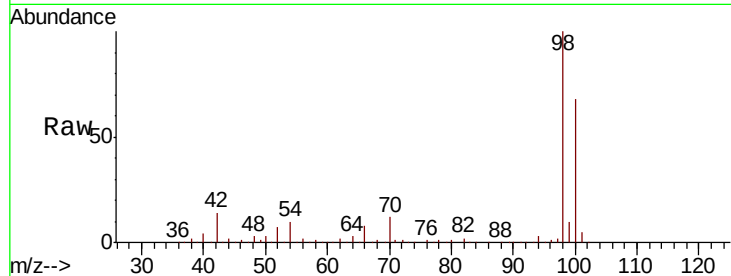




#50
Toluene-d8
Concen: 53.372 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012358.D
Acq: 12 Sep 2019 20:15

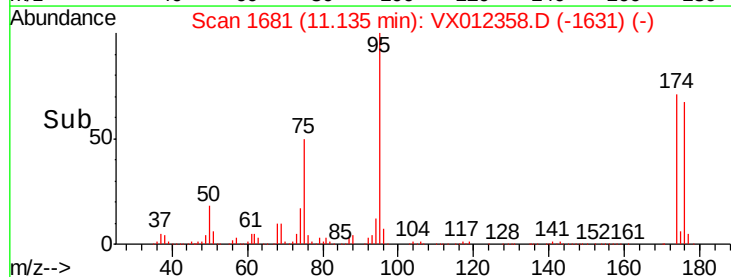
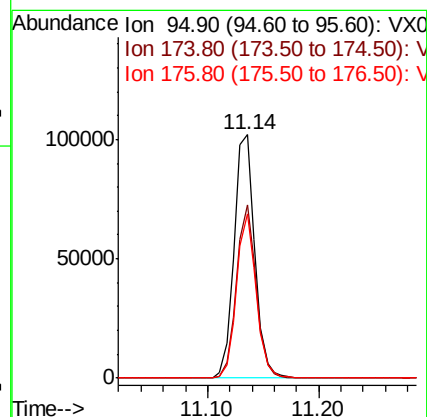
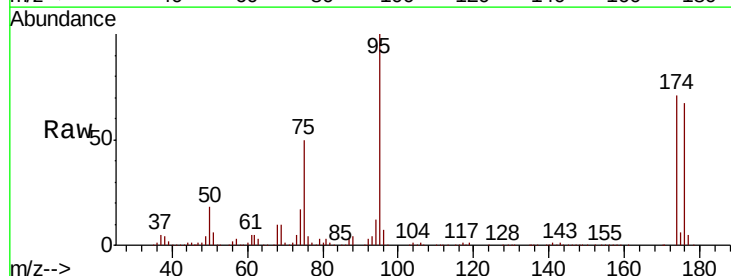
Instrument :
MSVOA_X
ClientSampleId :
SB-14-14.5-15.0

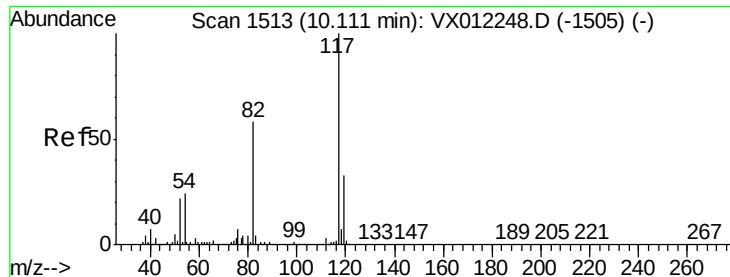
Tgt Ion: 98 Resp: 324984
Ion Ratio Lower Upper
98 100
100 66.6 54.1 81.1



#62
4-Bromofluorobenzene
Concen: 46.308 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX012358.D
Acq: 12 Sep 2019 20:15

Tgt Ion: 95 Resp: 130722
Ion Ratio Lower Upper
95 100
174 68.0 0.0 127.0
176 64.1 0.0 125.8

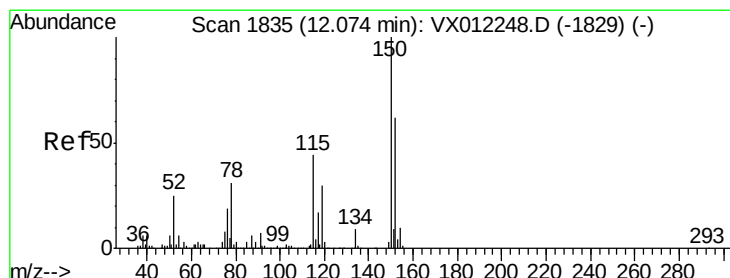
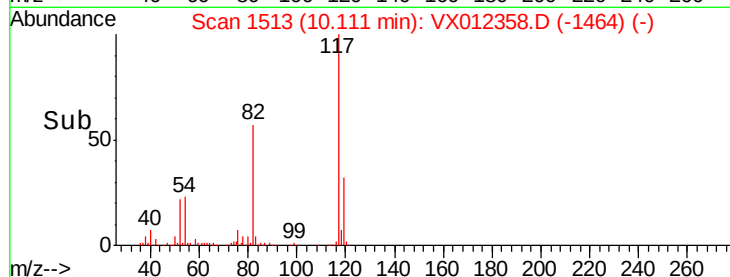
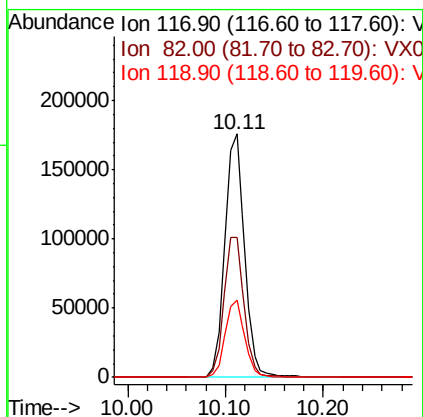
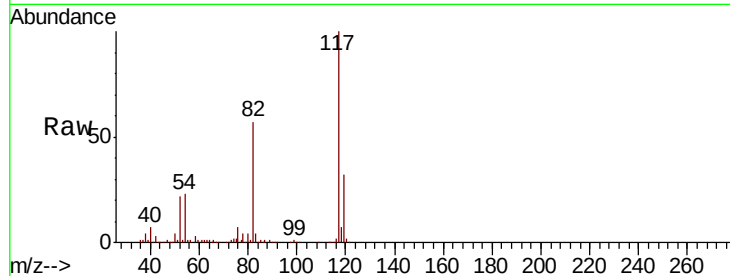




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012358.D
Acq: 12 Sep 2019 20:15

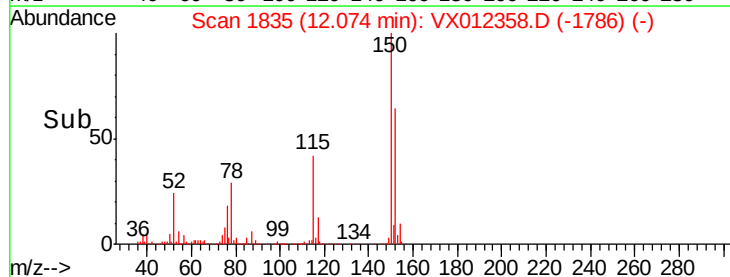
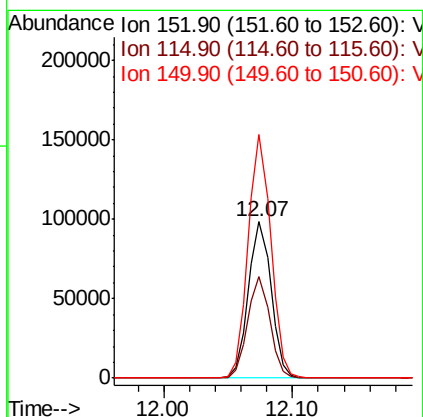
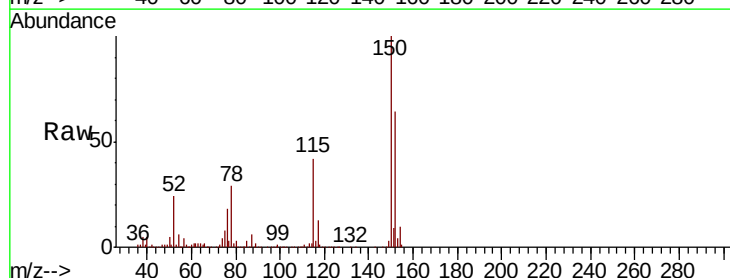
Instrument :
MSVOA_X
ClientSampleId :
SB-14-14.5-15.0

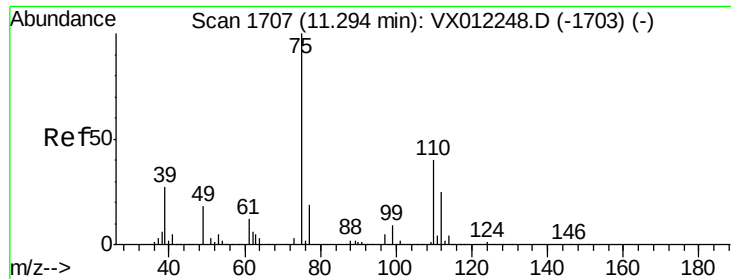
Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.4	46.4	69.6
119	31.5	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012358.D
Acq: 12 Sep 2019 20:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.6	45.5	136.4
150	154.8	0.0	346.4





#76

1,2,3-Trichloropropane

Concen: 44.474 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX012358.D

Acq: 12 Sep 2019 20:15

Instrument :

MSVOA_X

ClientSampleId :

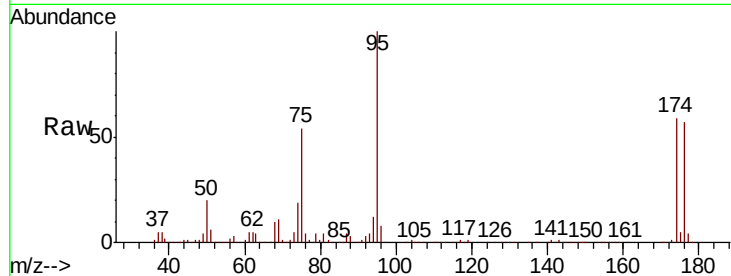
SB-14-14.5-15.0

Tgt Ion: 75 Resp: 68522

Ion Ratio Lower Upper

75 100

77 1.3 19.7 59.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.13

50000

40000

30000

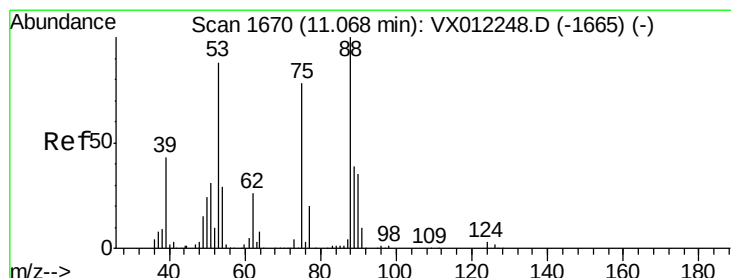
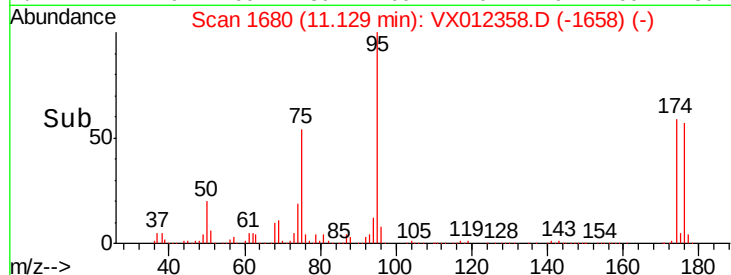
20000

10000

0

Time-->

11.10 11.20



#81

trans-1,4-Dichloro-2-butene

Concen: 133.253 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX012358.D

Acq: 12 Sep 2019 20:15

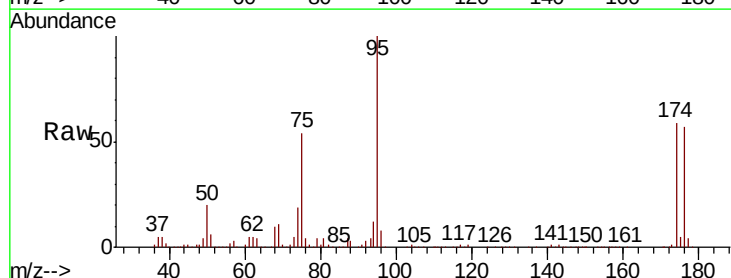
Tgt Ion: 75 Resp: 68522

Ion Ratio Lower Upper

75 100

53 0.2 88.1 132.1#

89 0.0 43.5 65.3#



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

60000

40000

20000

0

Time-->

11.10 11.20

