

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091219\
 Data File : VX012361.D
 Acq On : 12 Sep 2019 21:39
 Operator : SY/SP
 Sample : K4752-13
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-16-9.5-10.0

Quant Time: Sep 13 02:02:24 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	162225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	280179	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	118299	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	111377	48.56	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.12%	
35) Dibromofluoromethane	5.48	113	82406	45.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.76%	
50) Toluene-d8	8.71	98	333609	52.96	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.92%	
62) 4-Bromofluorobenzene	11.14	95	131305	44.96	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.92%	

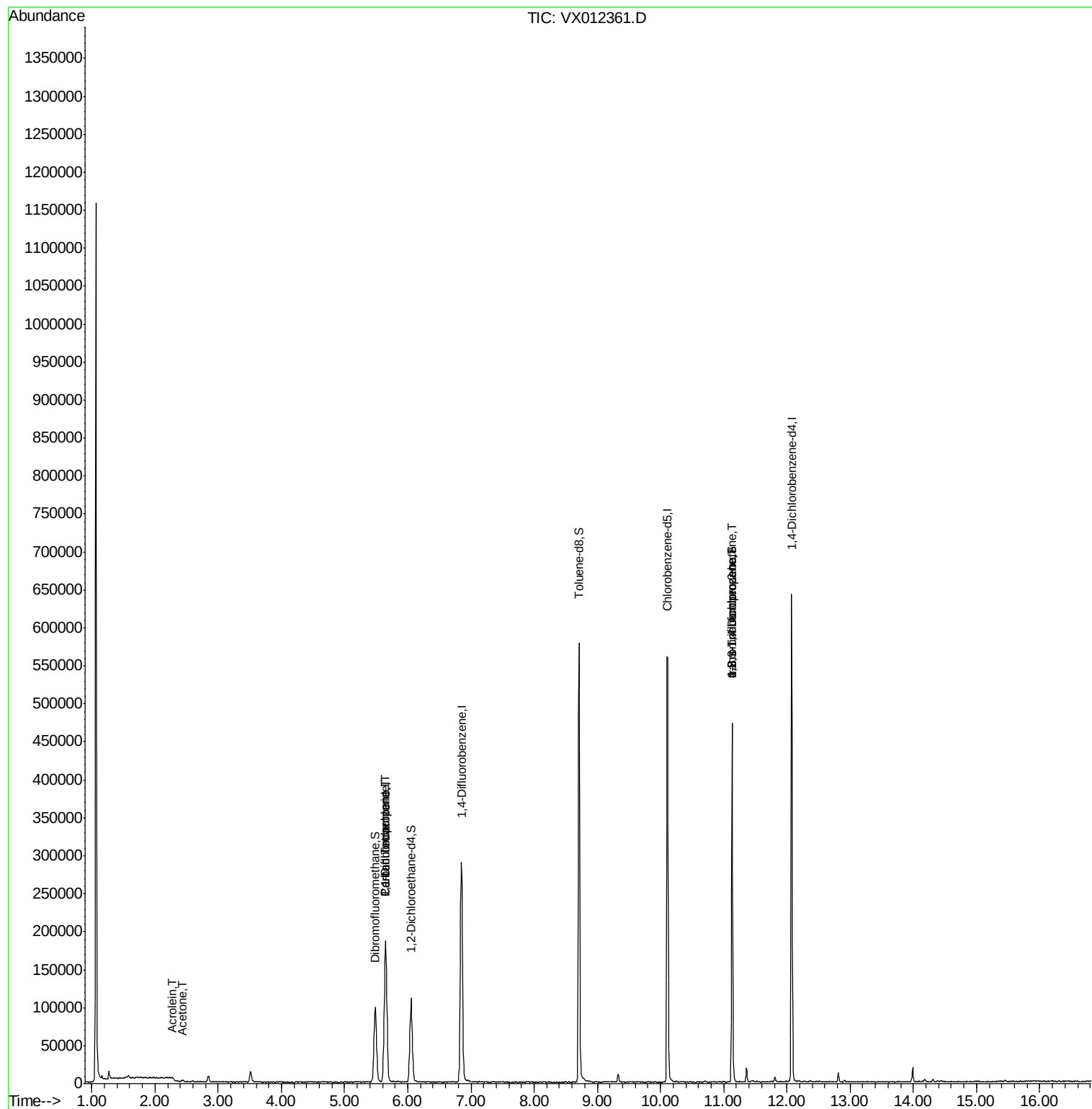
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	278	Below Cal	#	50
11) Tert butyl alcohol	3.02	59	441	Below Cal	#	74
13) Acrolein	2.27	56	346	2.886	ug/l	88
16) Acetone	2.43	43	1702	3.135	ug/l #	79
20) Methylene Chloride	2.84	84	3605	Below Cal	#	88
36) 1,1-Dichloropropene	5.65	75	14706	7.198	ug/l #	52
38) Carbon Tetrachloride	5.64	117	18611	7.764	ug/l #	15
76) 1,2,3-Trichloropropane	11.13	75	70262	46.233	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	70262	138.526	ug/l #	5

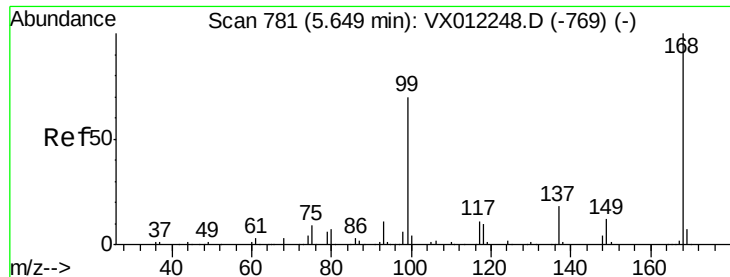
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX091219\
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Quant Time: Sep 13 02:02:24 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012361.D

Acq: 12 Sep 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

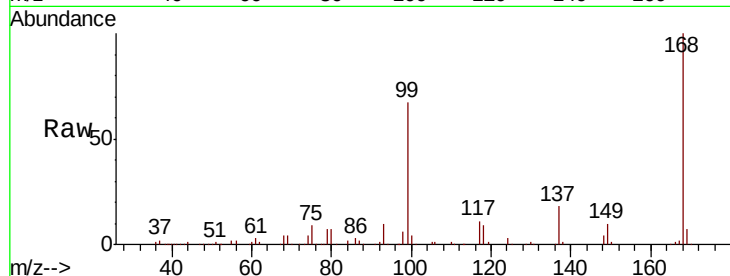
SB-16-9.5-10.0

Tgt Ion: 168 Resp: 162225

Ion Ratio Lower Upper

168 100

99 67.4 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

30000

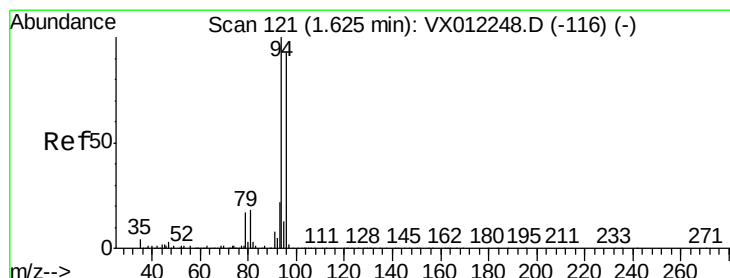
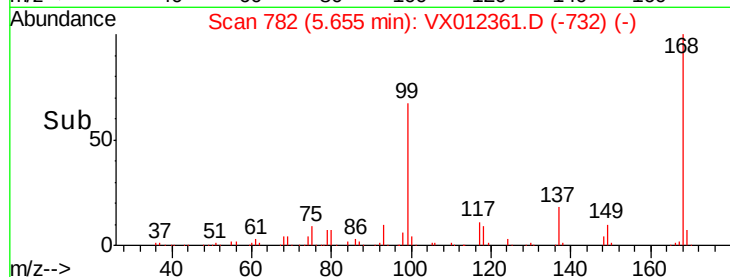
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 124

Delta R.T. 0.02 min

Lab File: VX012361.D

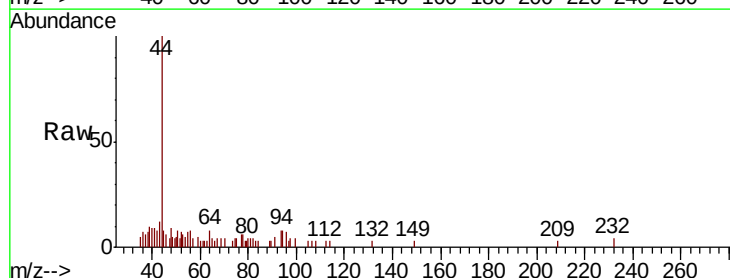
Acq: 12 Sep 2019 21:39

Tgt Ion: 94 Resp: 278

Ion Ratio Lower Upper

94 100

96 44.9 74.0 111.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

300

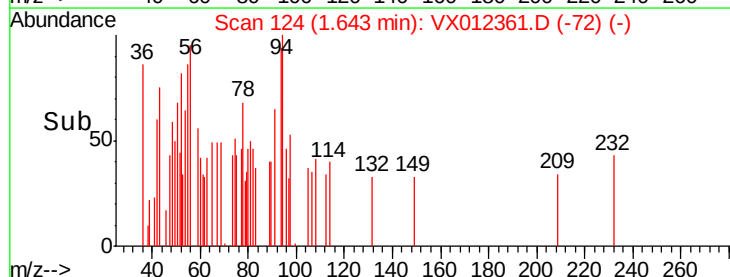
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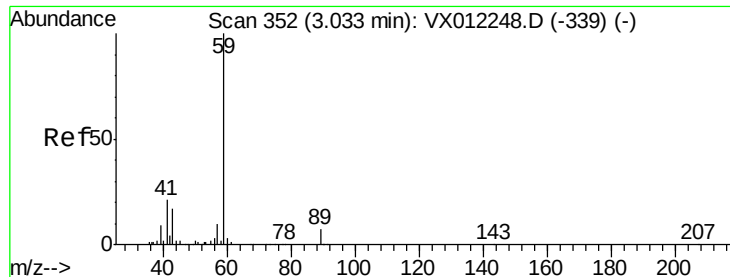
100

0

Time-->

1.62 1.64 1.66



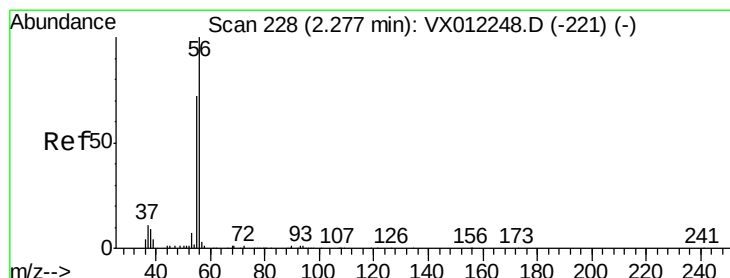
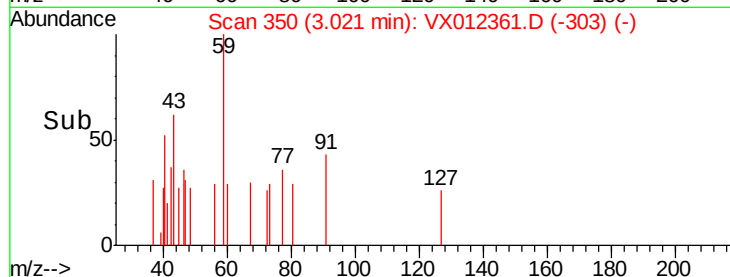
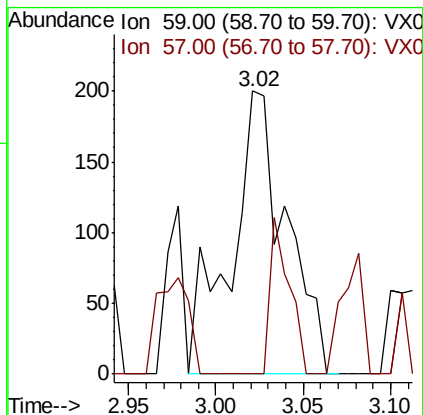
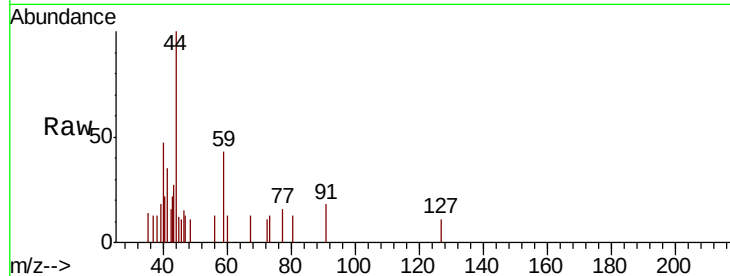


#11

Tert butyl alcohol
Concen: Below Cal
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX012361.D
Acq: 12 Sep 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
SB-16-9.5-10.0

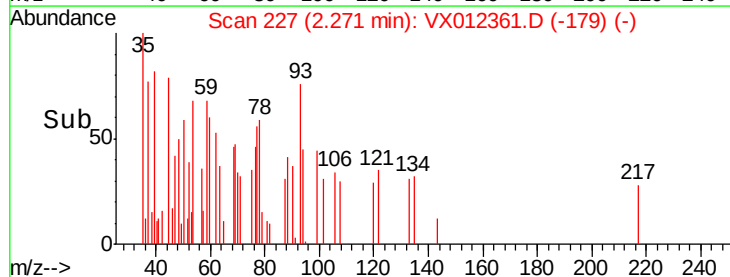
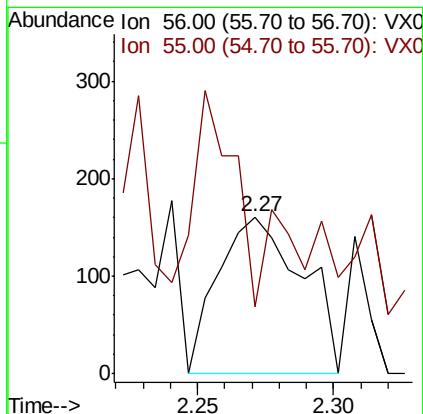
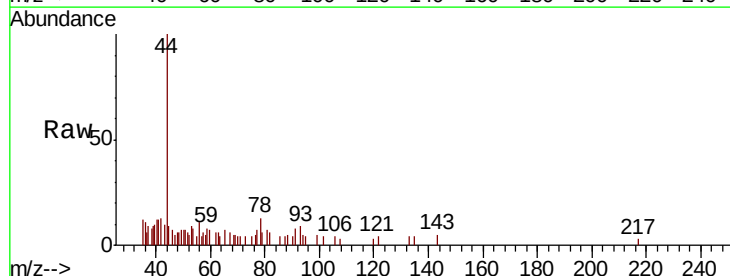
Tgt Ion: 59 Resp: 441
Ion Ratio Lower Upper
59 100
57 19.3 7.8 11.6#

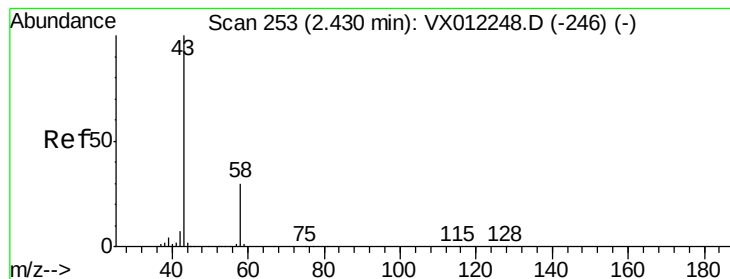


#13

Acrolein
Concen: 2.886 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.01 min
Lab File: VX012361.D
Acq: 12 Sep 2019 21:39

Tgt Ion: 56 Resp: 346
Ion Ratio Lower Upper
56 100
55 64.7 59.8 89.6





#16

Acetone

Concen: 3.135 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX012361.D

Acq: 12 Sep 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

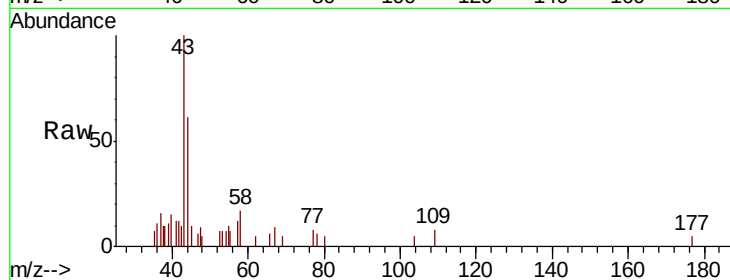
SB-16-9.5-10.0

Tgt Ion: 43 Resp: 1702

Ion Ratio Lower Upper

43 100

58 18.4 23.6 35.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1200

1000

800

600

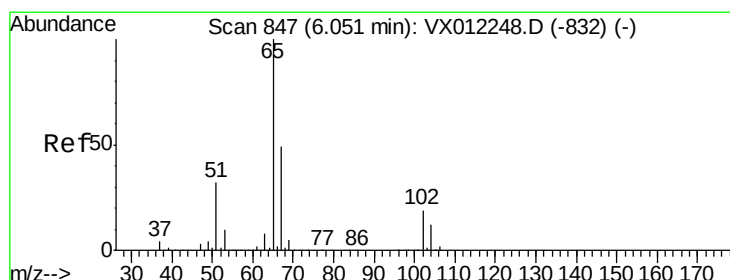
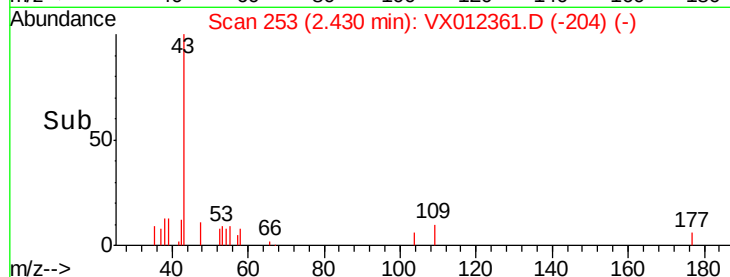
400

200

0

2.35 2.40 2.45 2.50 2.55

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.561 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012361.D

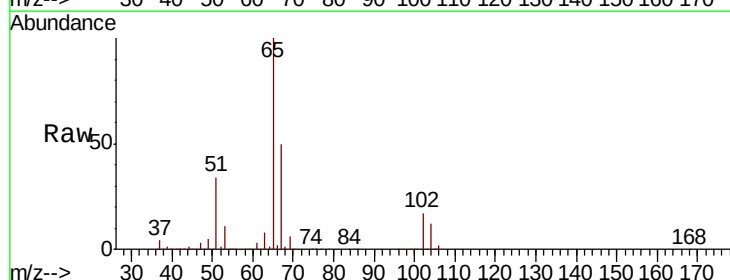
Acq: 12 Sep 2019 21:39

Tgt Ion: 65 Resp: 111377

Ion Ratio Lower Upper

65 100

67 49.5 0.0 99.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

50000

40000

30000

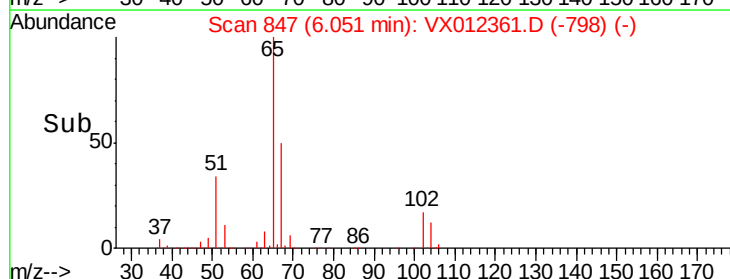
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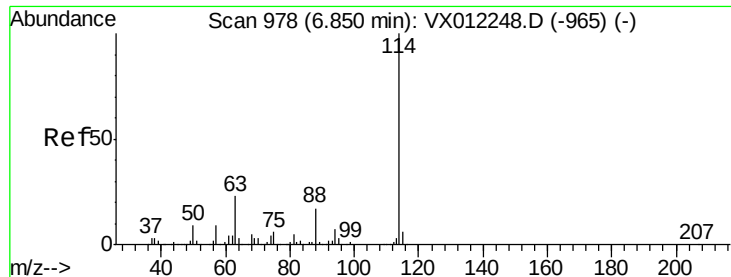
10000

0

5.90 6.00 6.10 6.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012361.D

Acq: 12 Sep 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

SB-16-9.5-10.0

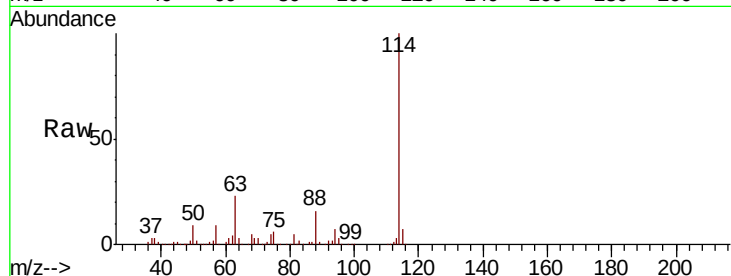
Tgt Ion:114 Resp: 280179

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.2

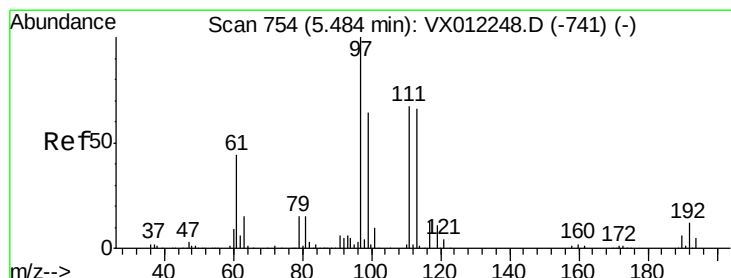
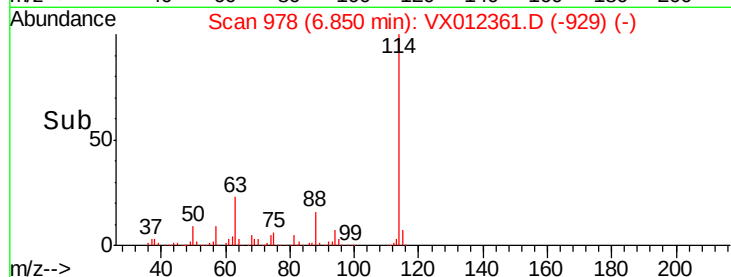
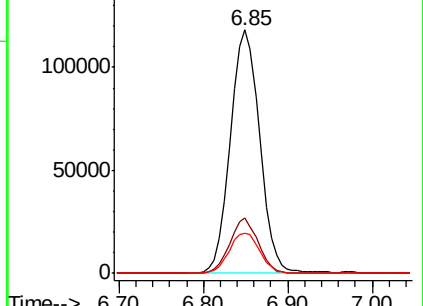
88 16.3 0.0 34.8



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: 45.881 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012361.D

Acq: 12 Sep 2019 21:39

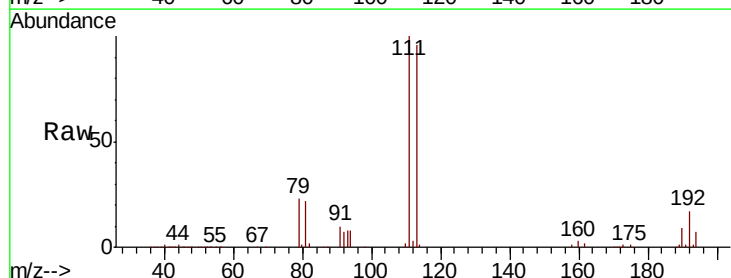
Tgt Ion:113 Resp: 82406

Ion Ratio Lower Upper

113 100

111 102.5 83.0 124.6

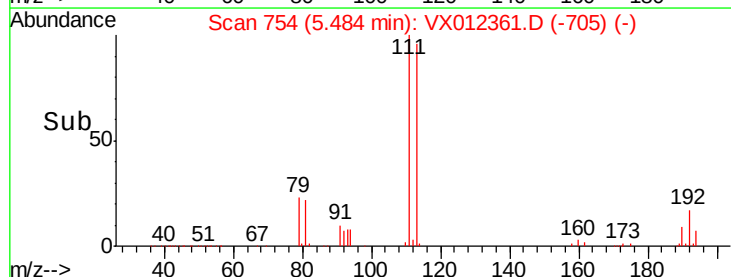
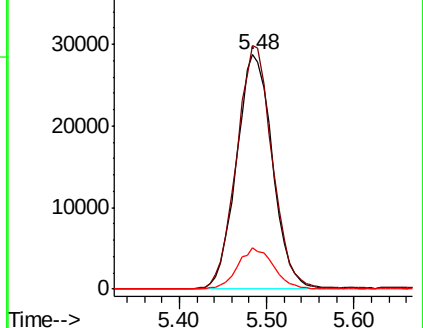
192 17.6 14.3 21.5

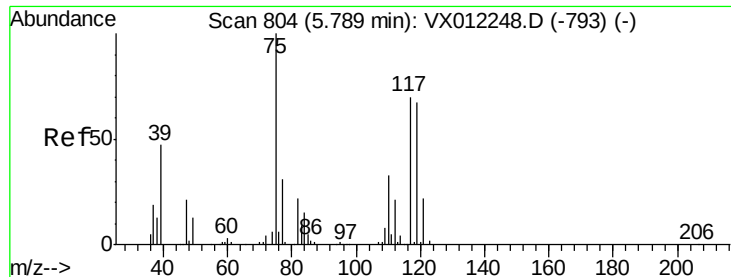


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

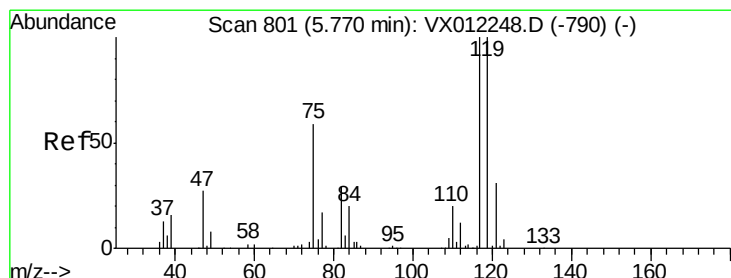
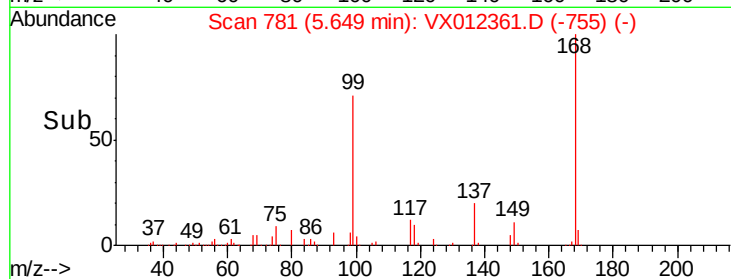
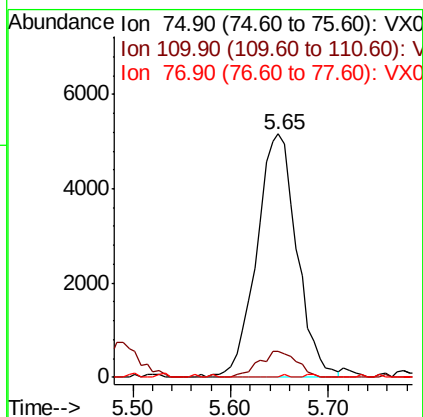
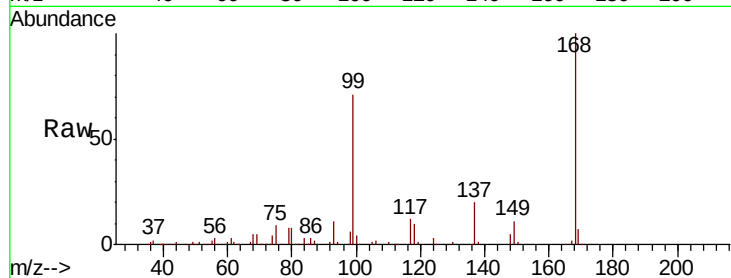




#36
 1,1-Dichloropropene
 Concen: 7.198 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012361.D
 Acq: 12 Sep 2019 21:39

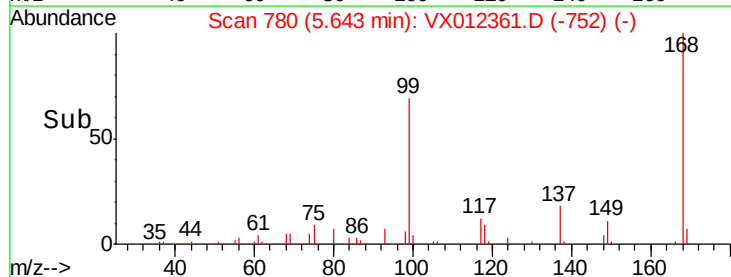
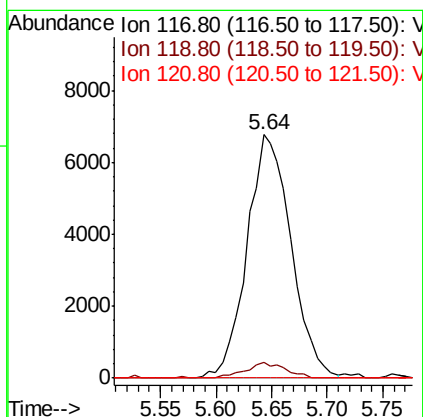
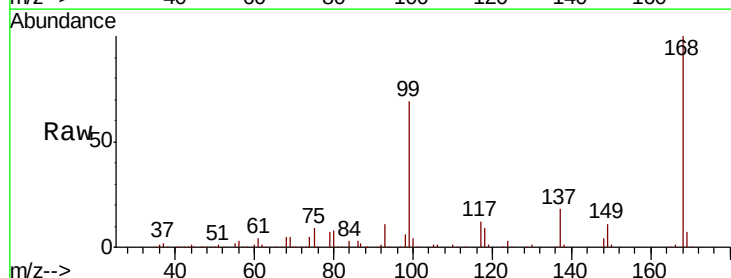
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-16-9.5-10.0

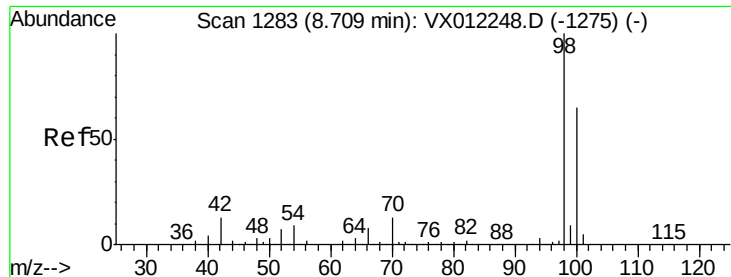
Tgt Ion: 75 Resp: 14706
 Ion Ratio Lower Upper
 75 100
 110 10.2 16.8 50.4#
 77 0.1 24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 7.764 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.13 min
 Lab File: VX012361.D
 Acq: 12 Sep 2019 21:39

Tgt Ion: 117 Resp: 18611
 Ion Ratio Lower Upper
 117 100
 119 6.2 79.6 119.4#
 121 0.0 24.7 37.1#

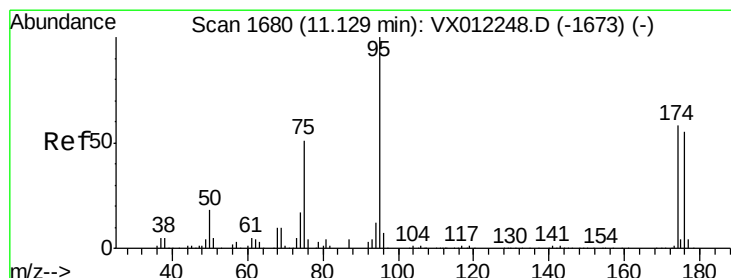
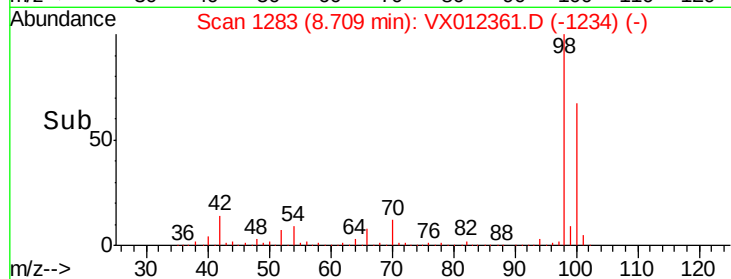
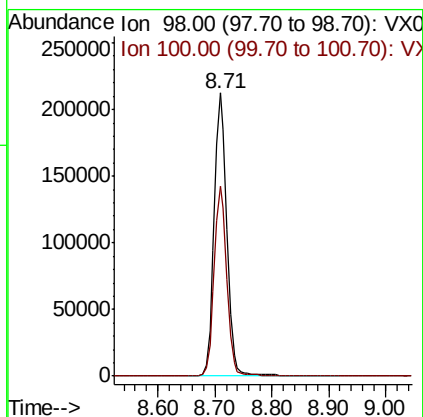
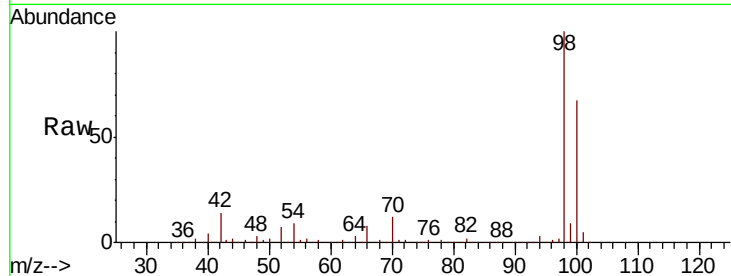




#50
Toluene-d8
Concen: 52.958 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012361.D
Acq: 12 Sep 2019 21:39

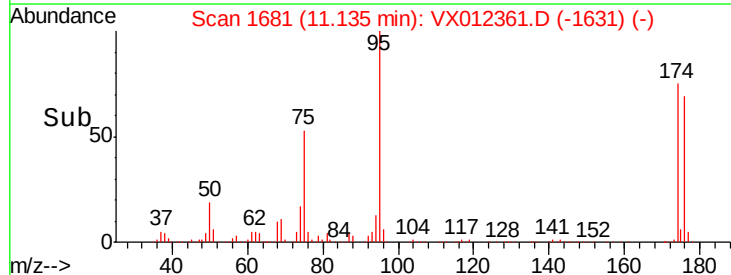
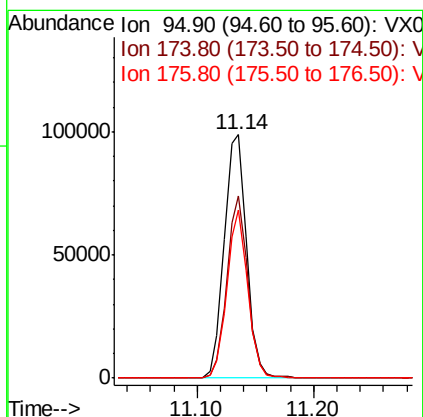
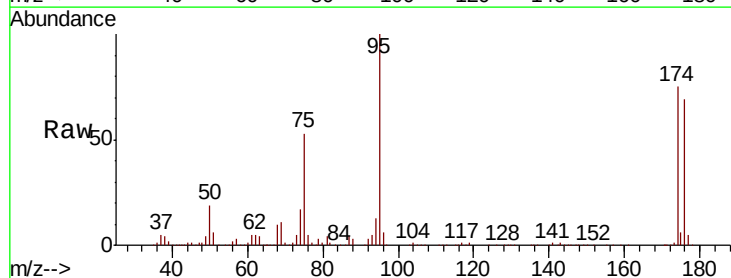
Instrument :
MSVOA_X
ClientSampleId :
SB-16-9.5-10.0

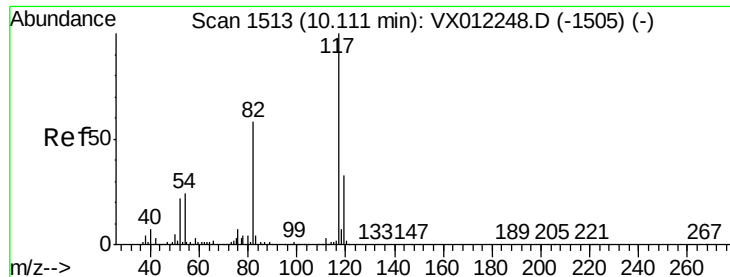
Tgt Ion: 98 Resp: 333609
Ion Ratio Lower Upper
98 100
100 66.6 54.1 81.1



#62
4-Bromofluorobenzene
Concen: 44.961 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX012361.D
Acq: 12 Sep 2019 21:39

Tgt Ion: 95 Resp: 131305
Ion Ratio Lower Upper
95 100
174 70.2 0.0 127.0
176 64.6 0.0 125.8

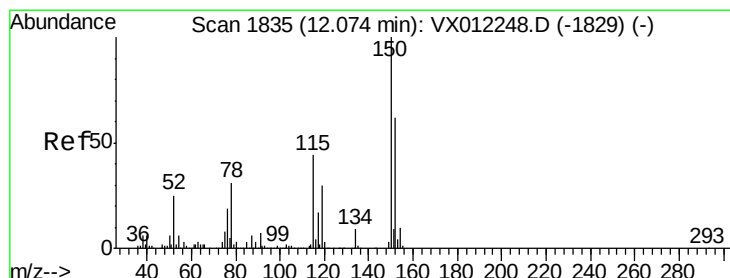
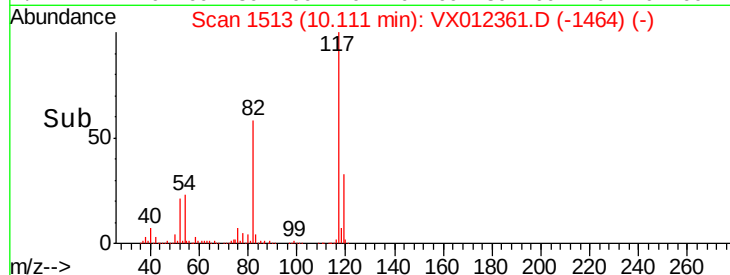
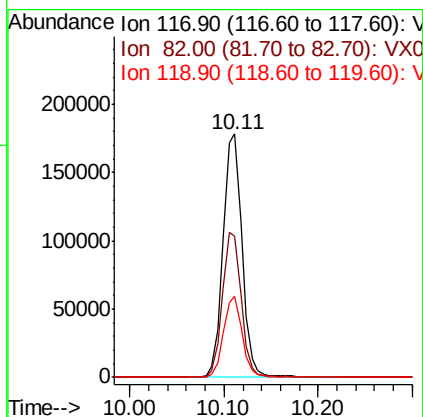
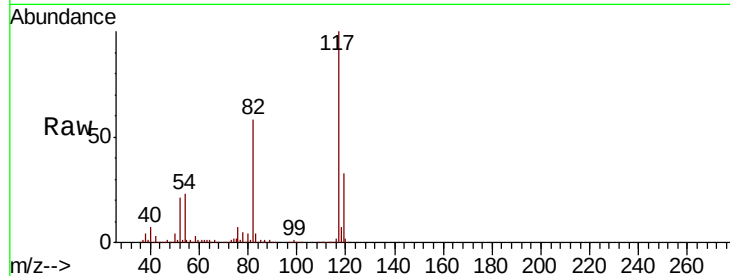




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012361.D
Acq: 12 Sep 2019 21:39

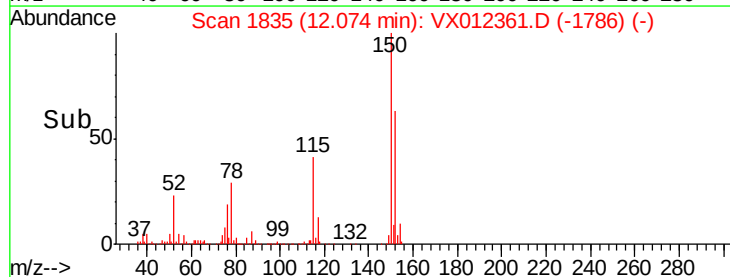
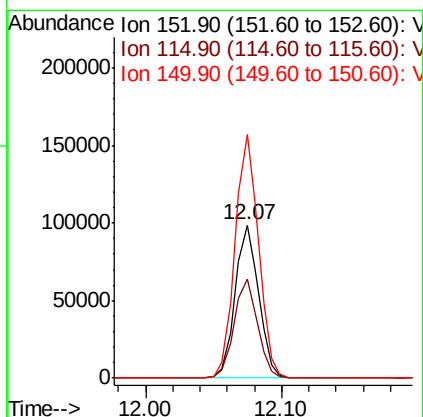
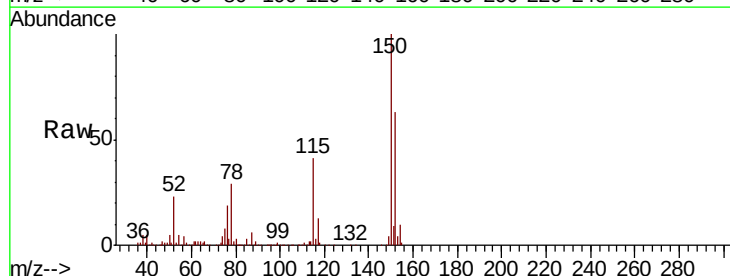
Instrument :
MSVOA_X
ClientSampleId :
SB-16-9.5-10.0

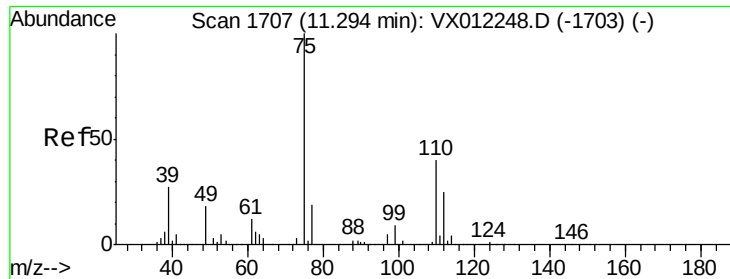
Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.8	46.4	69.6
119	33.3	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012361.D
Acq: 12 Sep 2019 21:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.9	45.5	136.4
150	159.6	0.0	346.4





#76

1,2,3-Trichloropropane

Concen: 46.233 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX012361.D

Acq: 12 Sep 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

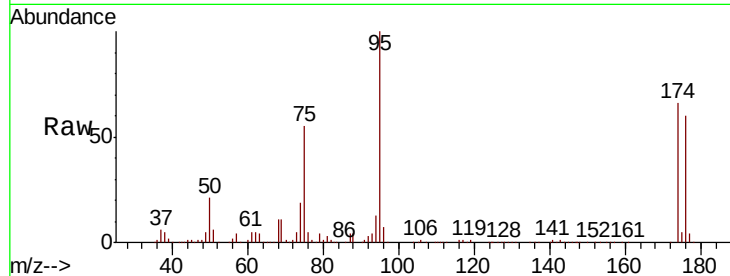
SB-16-9.5-10.0

Tgt Ion: 75 Resp: 70262

Ion Ratio Lower Upper

75 100

77 1.4 19.7 59.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

60000

50000

40000

30000

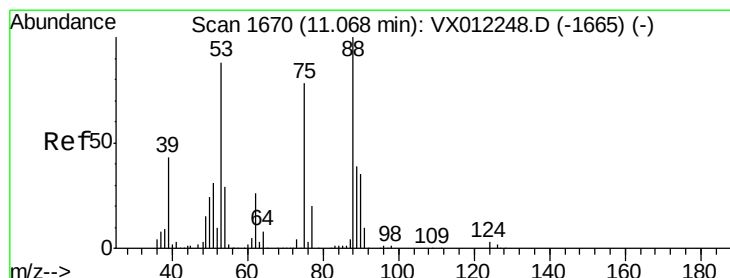
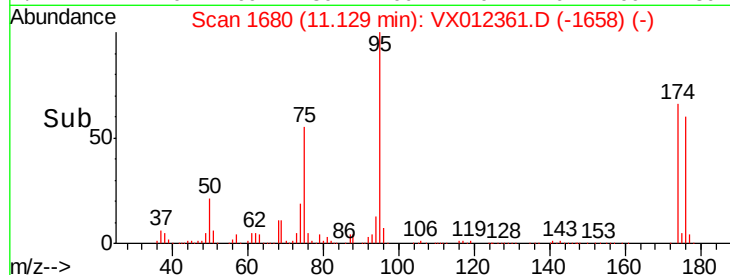
20000

10000

0

11.10 11.20

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 138.526 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX012361.D

Acq: 12 Sep 2019 21:39

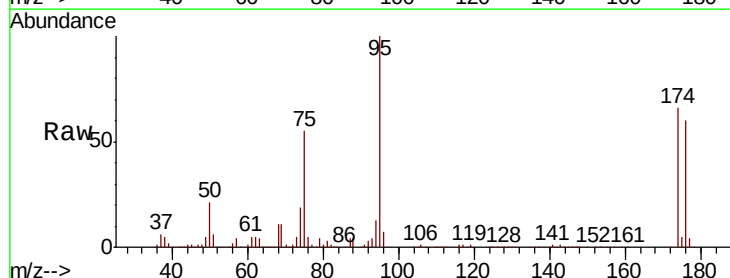
Tgt Ion: 75 Resp: 70262

Ion Ratio Lower Upper

75 100

53 0.1 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

11.10 11.20

Time-->

