

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091319\
 Data File : VX012396.D
 Acq On : 13 Sep 2019 19:38
 Operator : SY/SP
 Sample : K4737-02
 Misc : 5.67g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FK-BPM-04-004-ABCD

Quant Time: Sep 14 00:06:40 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	166276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	283609	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	123388	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	111583	47.47	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.94%		
35) Dibromofluoromethane	5.48	113	82851	45.57	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.14%		
50) Toluene-d8	8.71	98	337761	52.97	ug/l	0.00
Spiked Amount 50.000			Recovery =	105.94%		
62) 4-Bromofluorobenzene	11.13	95	134210	45.40	ug/l	0.00
Spiked Amount 50.000			Recovery =	90.80%		

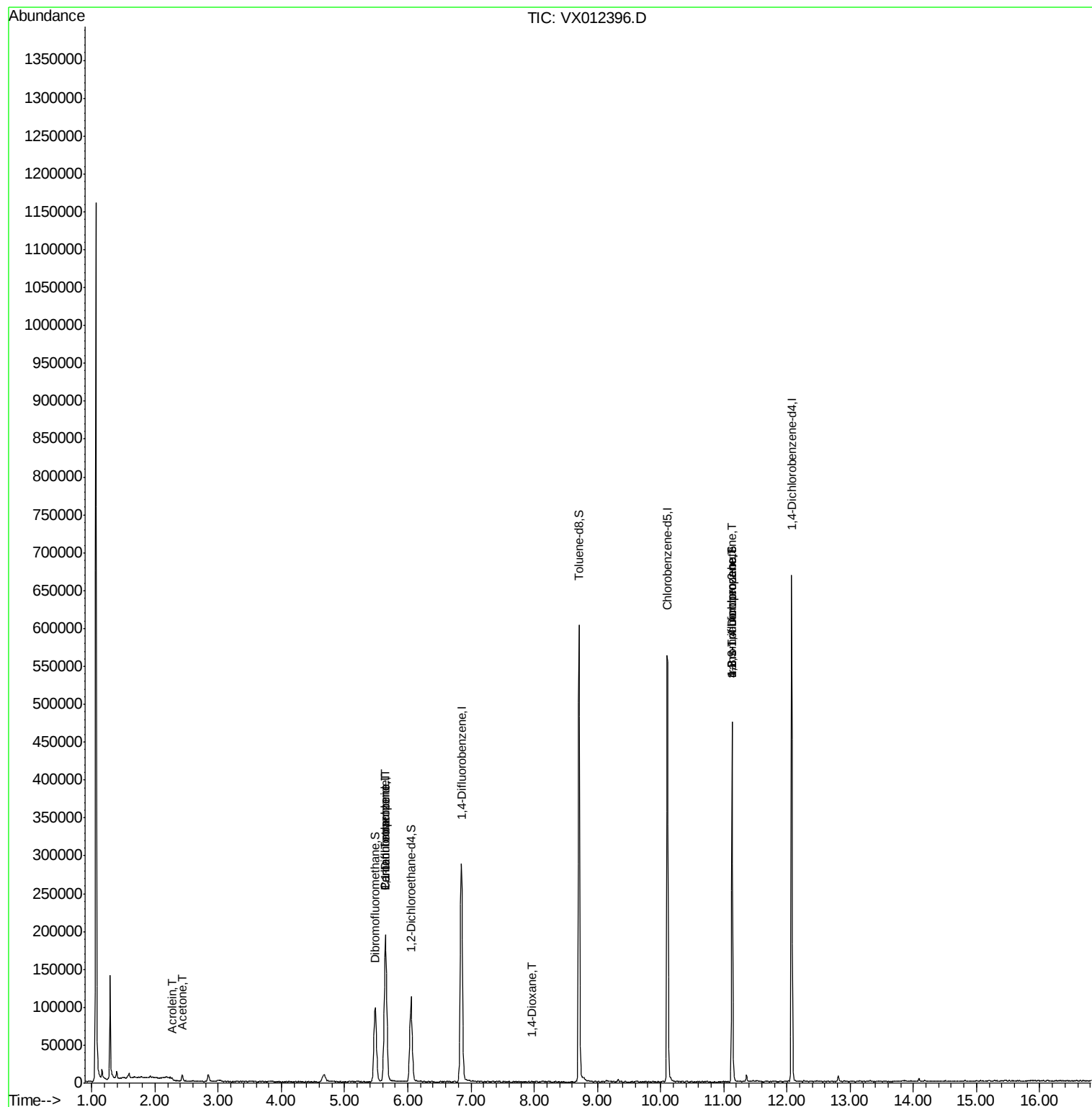
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.62	94	303	Below Cal	#	6
11) Tert butyl alcohol	3.02	59	1692	Below Cal	#	83
13) Acrolein	2.28	56	234	1.904	ug/l #	12
16) Acetone	2.43	43	9743	17.507	ug/l	98
20) Methylene Chloride	2.84	84	4238	Below Cal	#	80
36) 1,1-Dichloropropene	5.65	75	14767	7.141	ug/l #	47
38) Carbon Tetrachloride	5.64	117	18710	7.711	ug/l #	15
49) 1,4-Dioxane	7.97	88	19	1.091	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	70290	44.344	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	70290	132.865	ug/l #	5

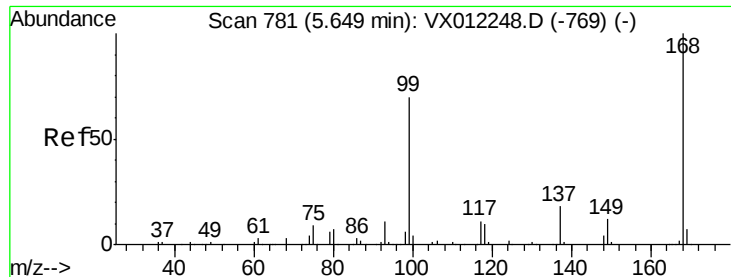
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX091319\
Data File : VX012396.D
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FK-BPM-04-004-ABCD

Quant Time: Sep 14 00:06:40 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# 781

Delta R.T. 0.00 min

Lab File: VX012396.D

Acq: 13 Sep 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

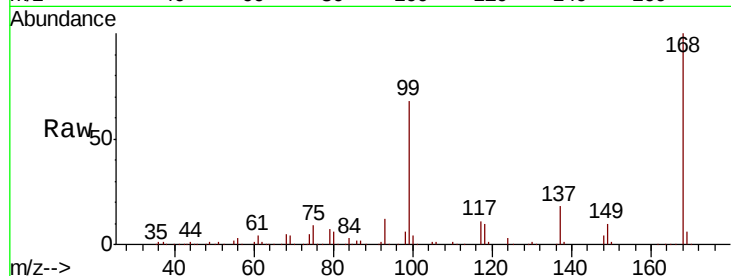
FK-BPM-04-004-ABCD

Tgt Ion: 168 Resp: 166276

Ion Ratio Lower Upper

168 100

99 67.6 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

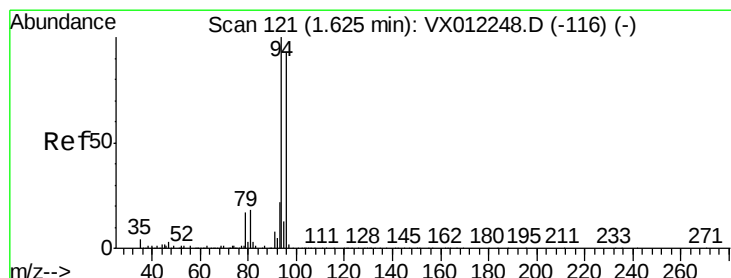
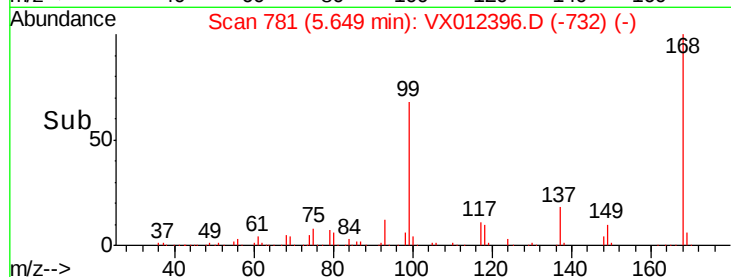
60000

40000

20000

0

Time--> 5.50 5.60 5.70



#5

Bromomethane

Concen: Below Cal

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012396.D

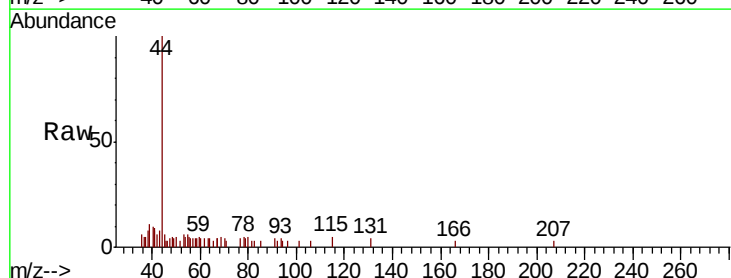
Acq: 13 Sep 2019 19:38

Tgt Ion: 94 Resp: 303

Ion Ratio Lower Upper

94 100

96 2.7 74.0 111.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

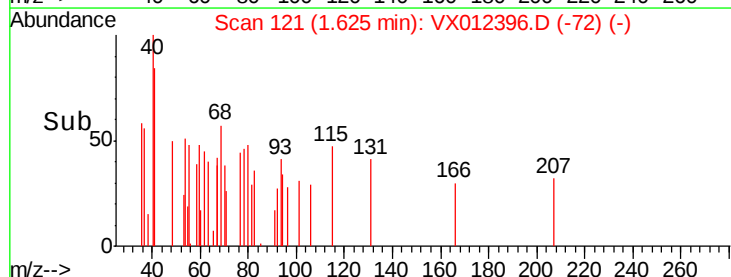
150

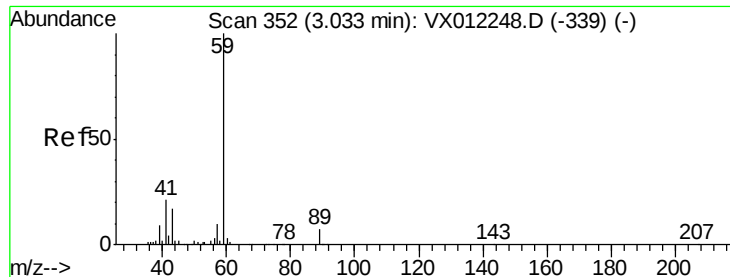
100

50

0

Time--> 1.60 1.65



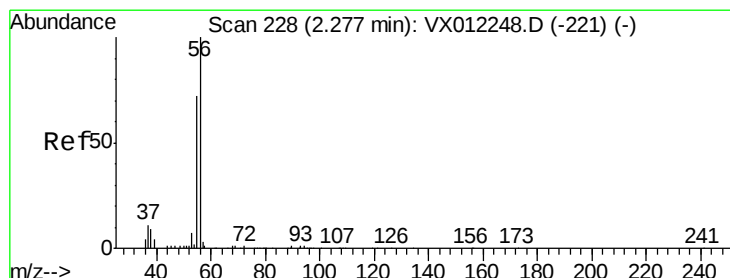
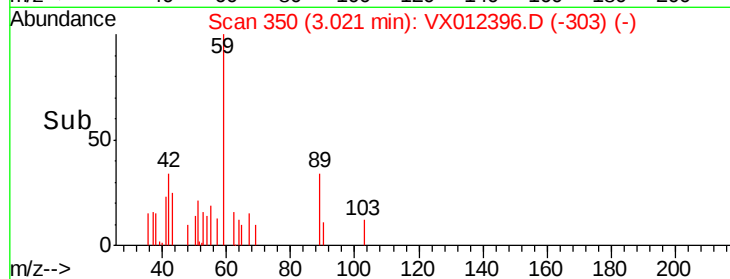
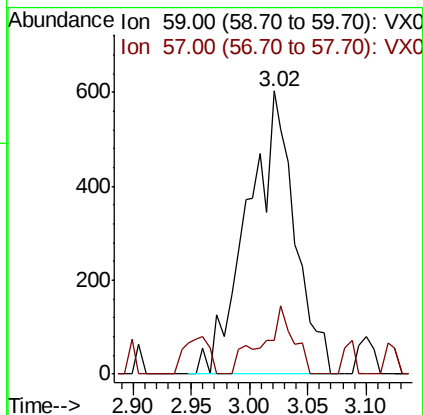
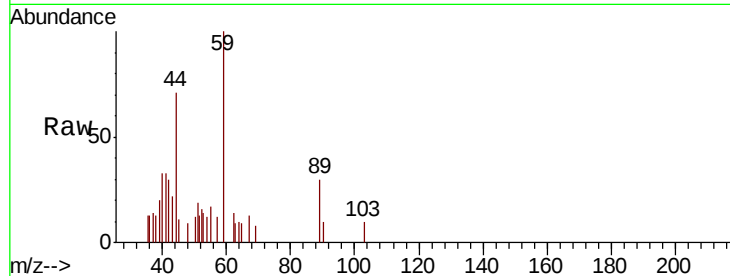


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX012396.D
 Acq: 13 Sep 2019 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 FK-BPM-04-004-ABCD

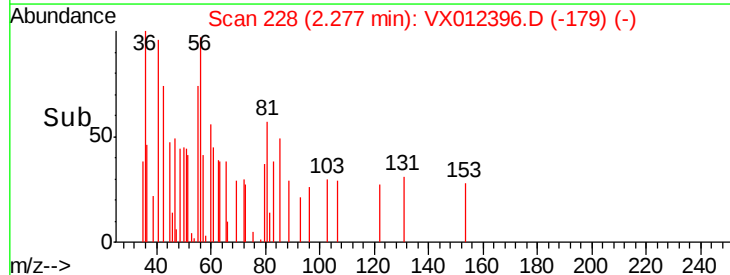
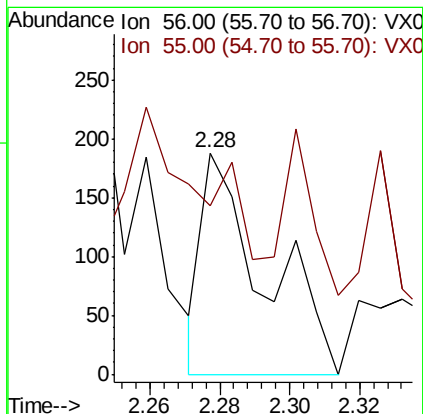
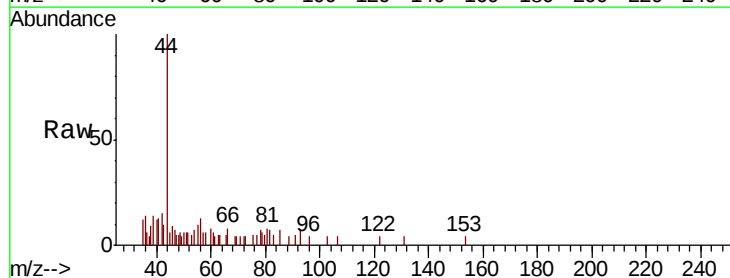
Tgt Ion: 59 Resp: 1692
 Ion Ratio Lower Upper
 59 100
 57 15.8 7.8 11.6#

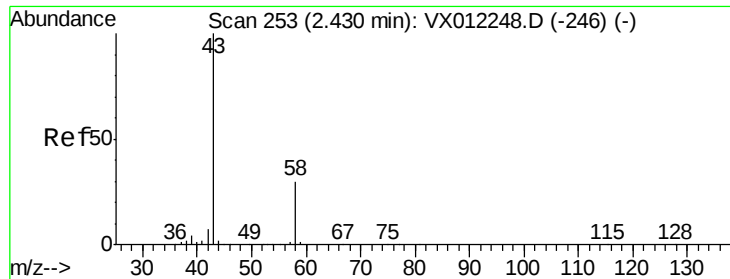


#13

Acrolein
 Concen: 1.904 ug/l
 RT: 2.28 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VX012396.D
 Acq: 13 Sep 2019 19:38

Tgt Ion: 56 Resp: 234
 Ion Ratio Lower Upper
 56 100
 55 149.1 59.8 89.6#





#16

Acetone

Concen: 17.507 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX012396.D

Acq: 13 Sep 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

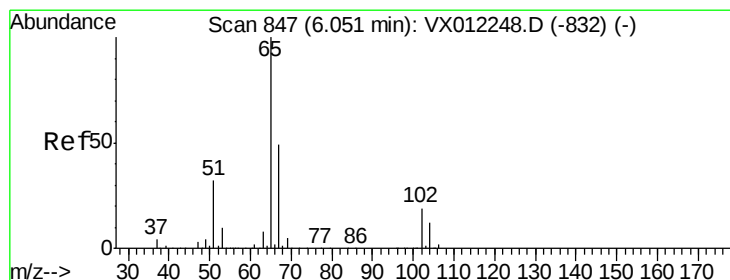
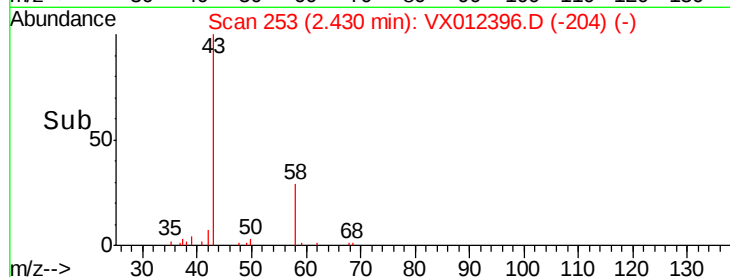
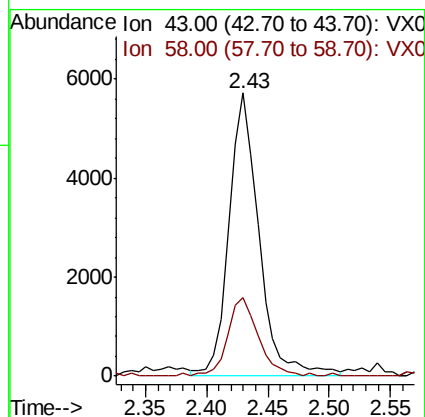
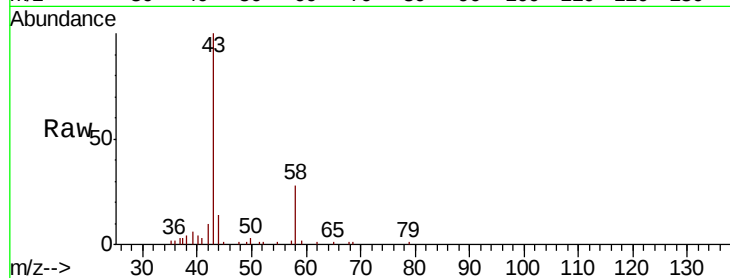
FK-BPM-04-004-ABCD

Tgt Ion: 43 Resp: 9743

Ion Ratio Lower Upper

43 100

58 28.2 23.6 35.4



#33

1,2-Dichloroethane-d4

Concen: 47.466 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012396.D

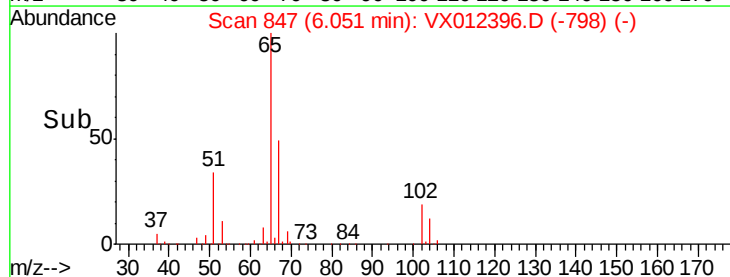
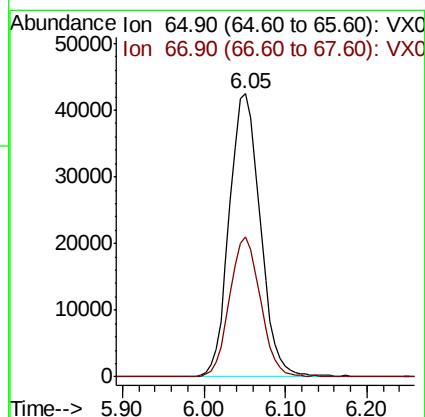
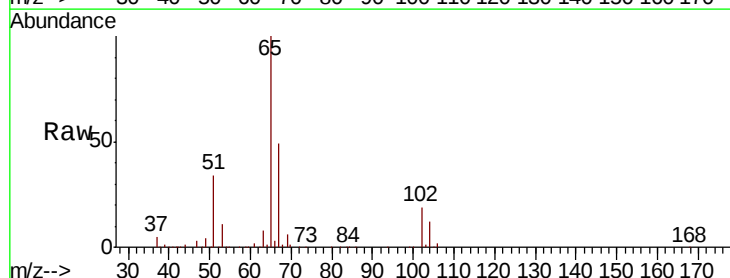
Acq: 13 Sep 2019 19:38

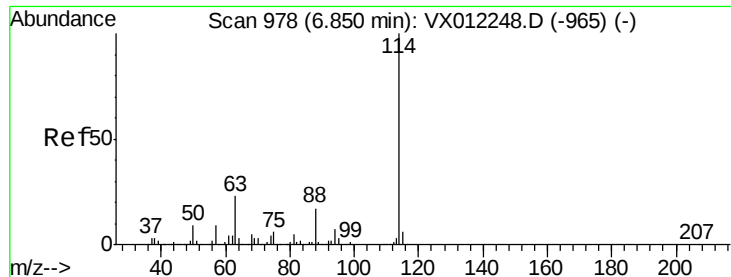
Tgt Ion: 65 Resp: 111583

Ion Ratio Lower Upper

65 100

67 49.2 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: VX012396.D

Acq: 13 Sep 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

FK-BPM-04-004-ABCD

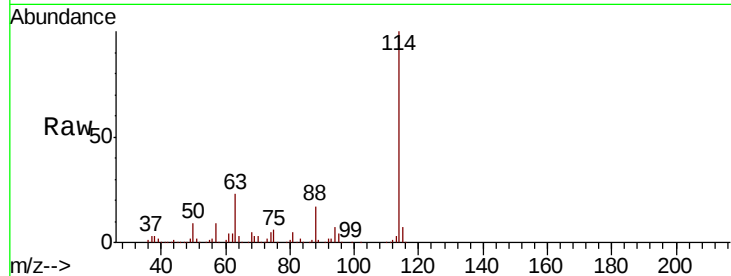
Tgt Ion:114 Resp: 283609

Ion Ratio Lower Upper

114 100

63 23.1 0.0 45.2

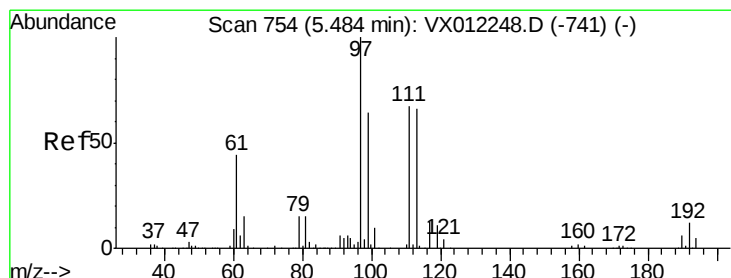
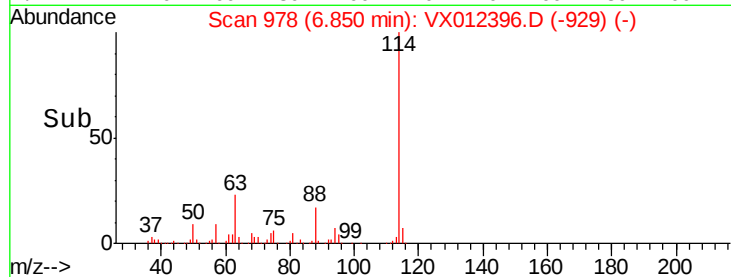
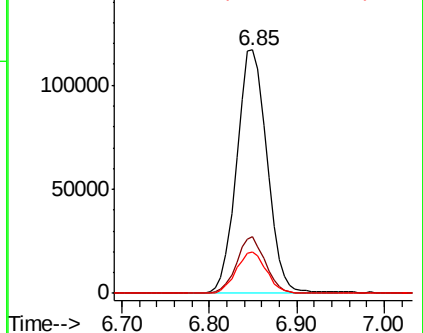
88 17.0 0.0 34.8



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: 45.571 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012396.D

Acq: 13 Sep 2019 19:38

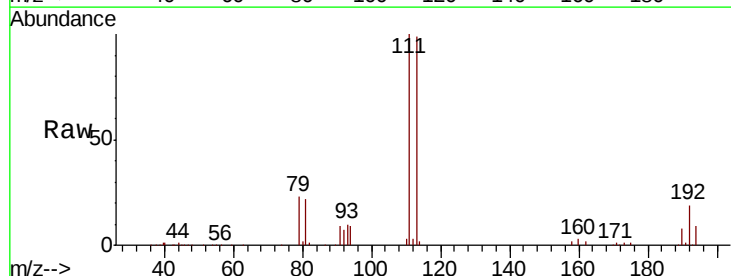
Tgt Ion:113 Resp: 82851

Ion Ratio Lower Upper

113 100

111 103.0 83.0 124.6

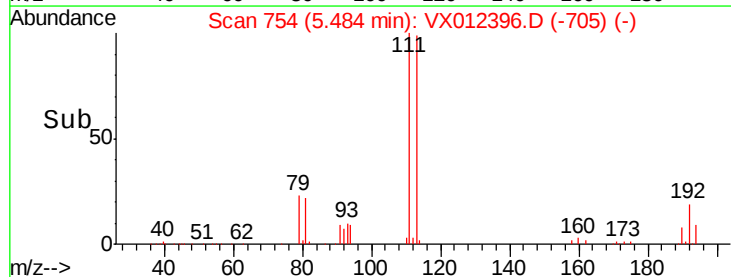
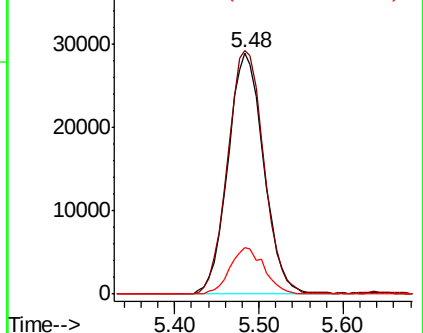
192 18.7 14.3 21.5

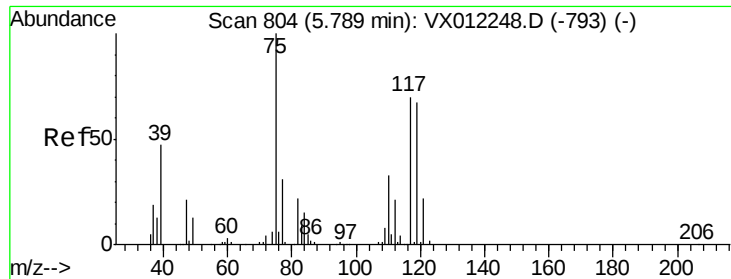


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

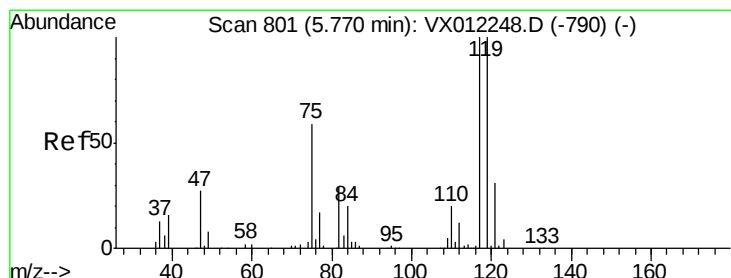
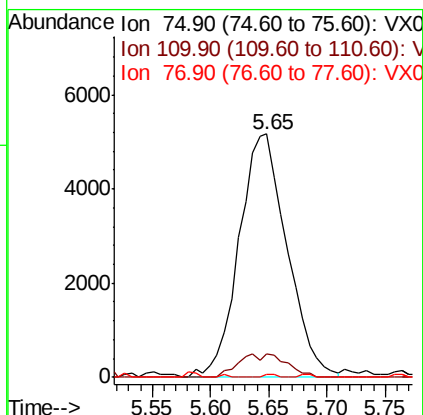
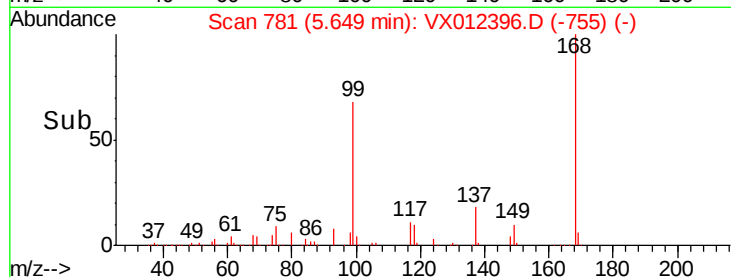
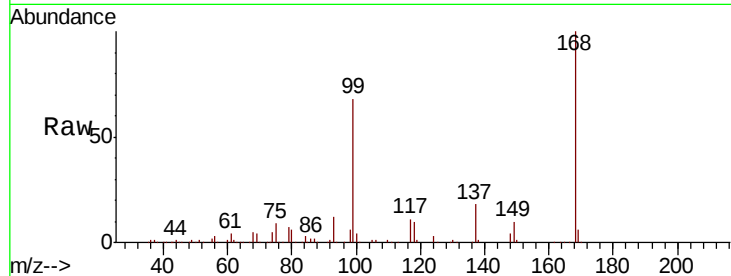




#36
 1,1-Dichloropropene
 Concen: 7.141 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012396.D
 Acq: 13 Sep 2019 19:38

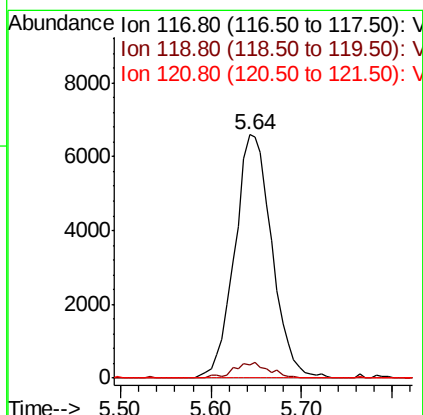
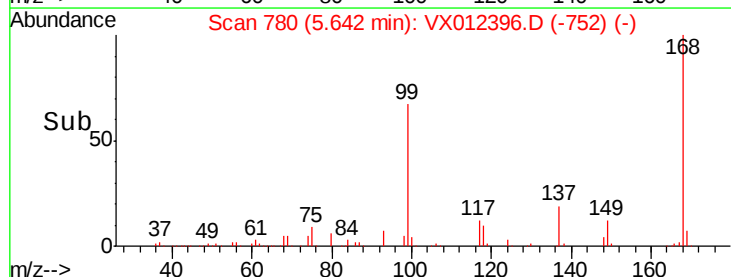
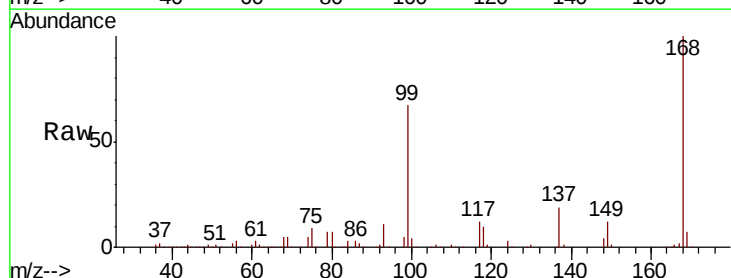
Instrument :
 MSVOA_X
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 FK-BPM-04-004-ABCD

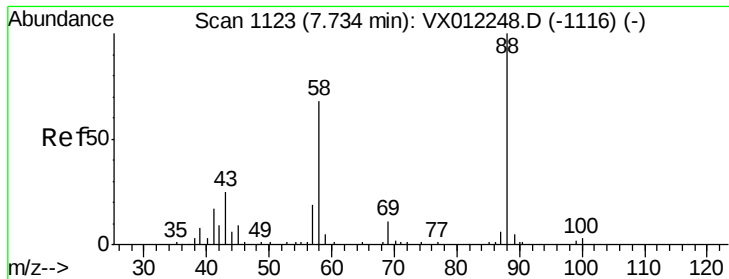
Tgt Ion: 75 Resp: 14767
 Ion Ratio Lower Upper
 75 100
 110 4.8 16.8 50.4#
 77 0.3 24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 7.711 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.13 min
 Lab File: VX012396.D
 Acq: 13 Sep 2019 19:38

Tgt Ion: 117 Resp: 18710
 Ion Ratio Lower Upper
 117 100
 119 5.5 79.6 119.4#
 121 0.0 24.7 37.1#

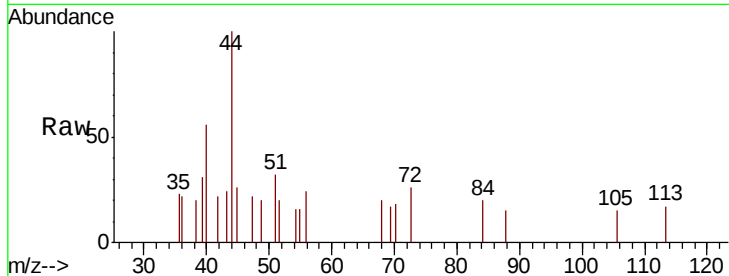




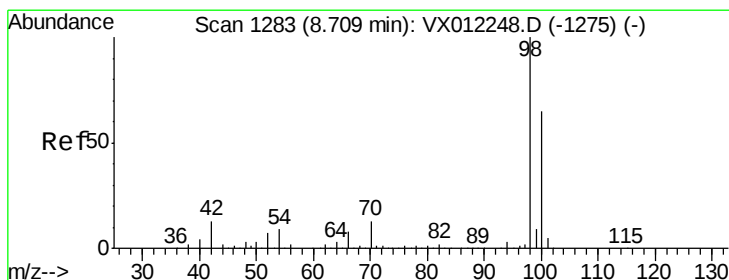
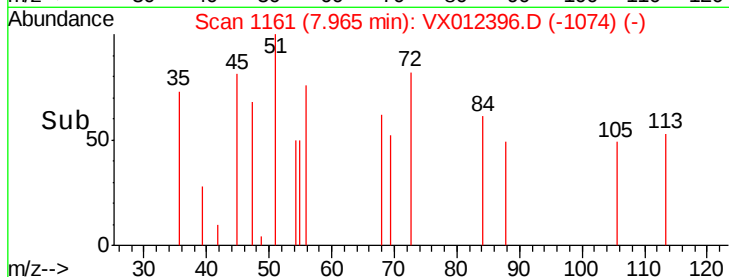
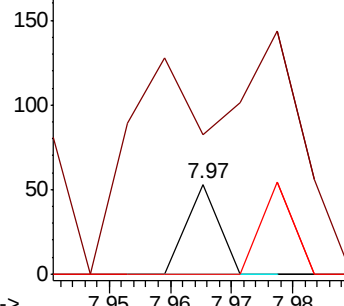
#49
1,4-Dioxane
Concen: 1.091 ug/l
RT: 7.97 min Scan# 1161
Delta R.T. 0.23 min
Lab File: VX012396.D
Acq: 13 Sep 2019 19:38

Instrument :
MSVOA_X
ClientSampleId :
FK-BPM-04-004-ABCD

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 573.7 31.0 46.4#
58 105.3 61.5 92.3#

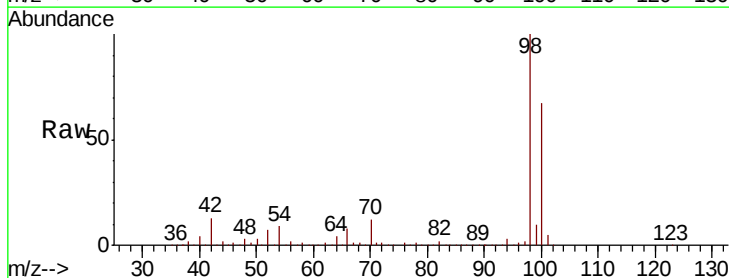


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

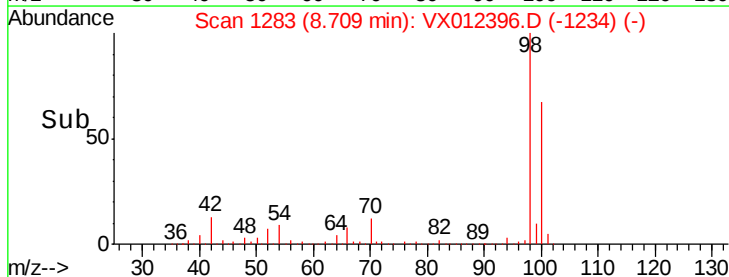
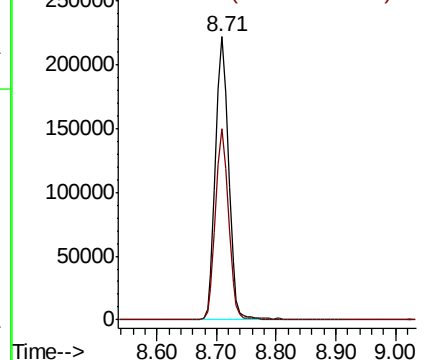


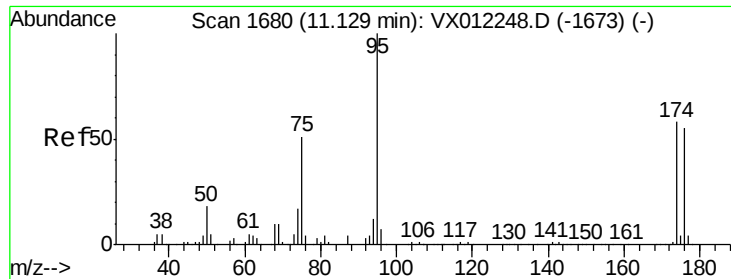
#50
Toluene-d8
Concen: 52.969 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012396.D
Acq: 13 Sep 2019 19:38

Tgt Ion: 98 Resp: 337761
Ion Ratio Lower Upper
98 100
100 67.0 54.1 81.1



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





#62

4-Bromofluorobenzene

Concen: 45.400 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX012396.D

Acq: 13 Sep 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

FK-BPM-04-004-ABCD

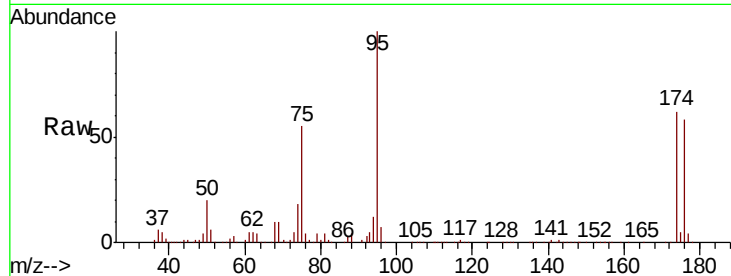
Tgt Ion: 95 Resp: 134210

Ion Ratio Lower Upper

95 100

174 69.6 0.0 127.0

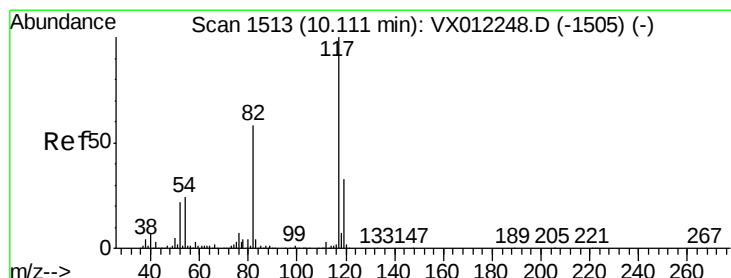
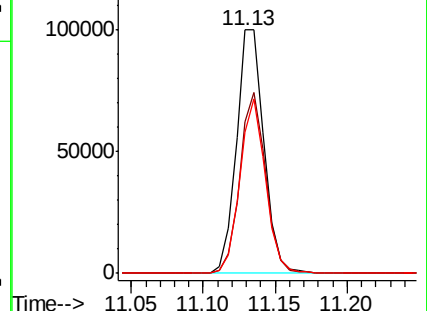
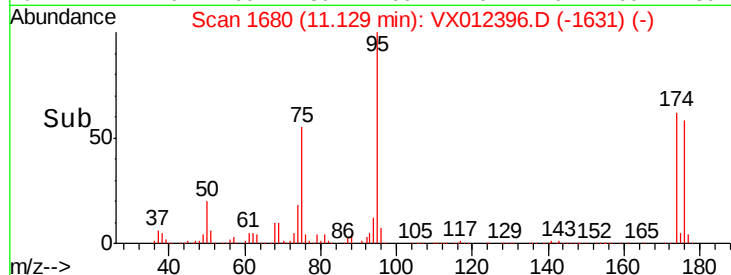
176 66.7 0.0 125.8



Abundance Ion 94.90 (94.60 to 95.60): VX012396.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX012396.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX012396.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012396.D

Acq: 13 Sep 2019 19:38

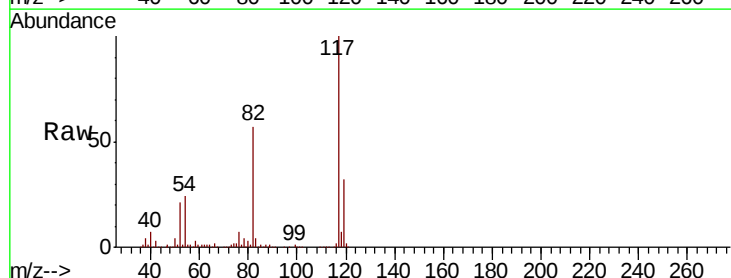
Tgt Ion: 117 Resp: 255190

Ion Ratio Lower Upper

117 100

82 57.4 46.4 69.6

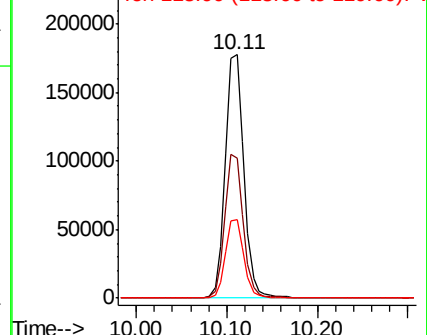
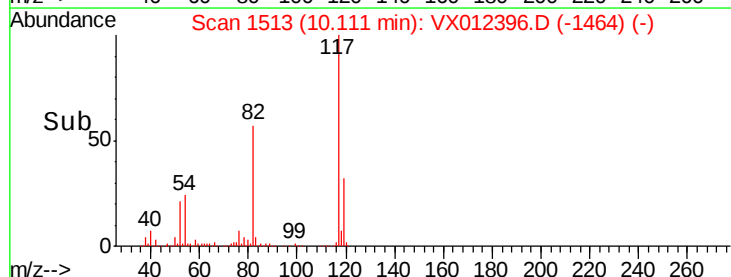
119 32.4 26.6 39.8

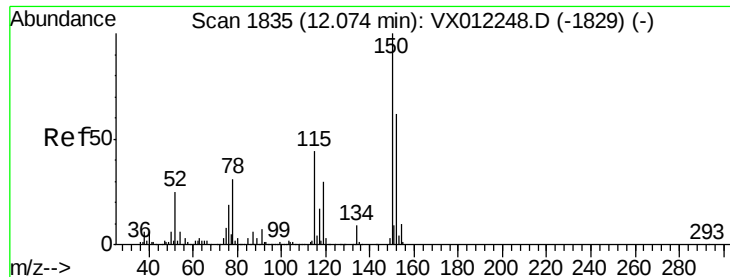


Abundance Ion 116.90 (116.60 to 117.60): VX012396.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012396.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012396.D (-1464) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012396.D

Acq: 13 Sep 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

FK-BPM-04-004-ABCD

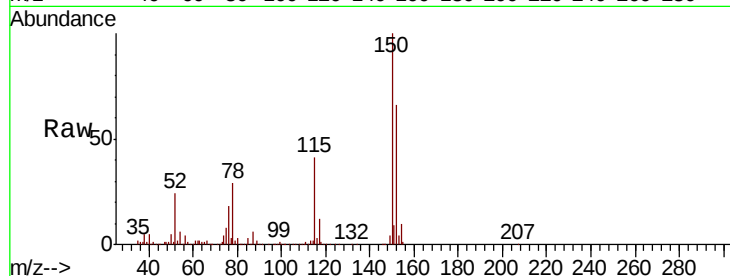
Tgt Ion:152 Resp: 123388

Ion Ratio Lower Upper

152 100

115 63.6 45.5 136.4

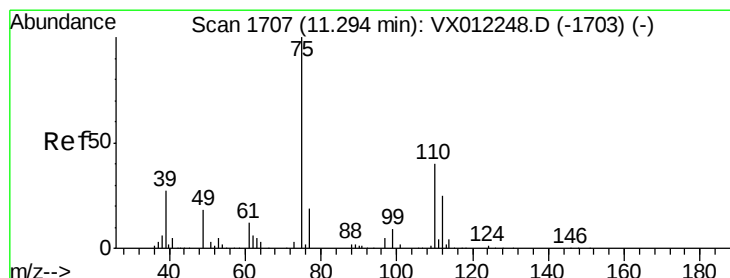
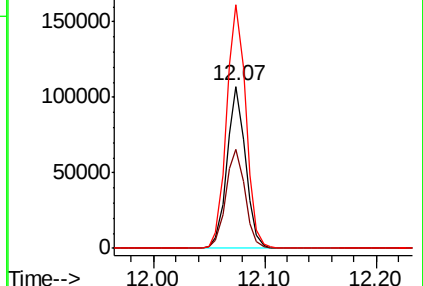
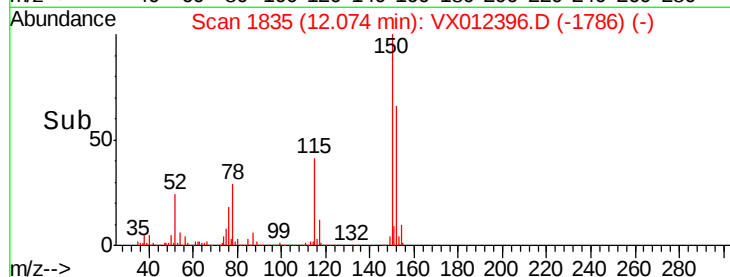
150 156.8 0.0 346.4



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: 44.344 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX012396.D

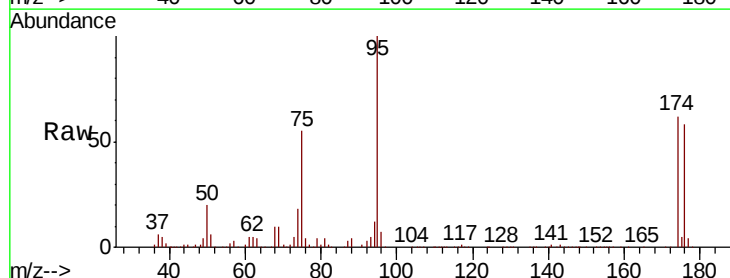
Acq: 13 Sep 2019 19:38

Tgt Ion: 75 Resp: 70290

Ion Ratio Lower Upper

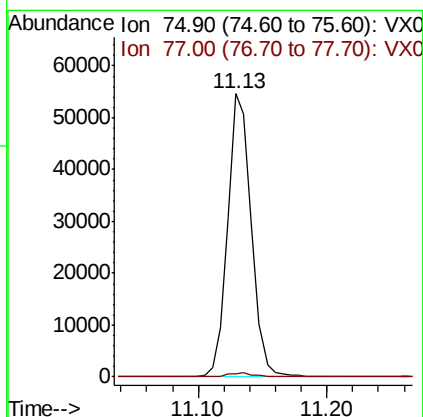
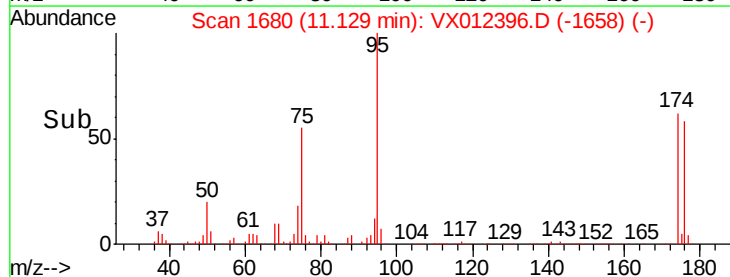
75 100

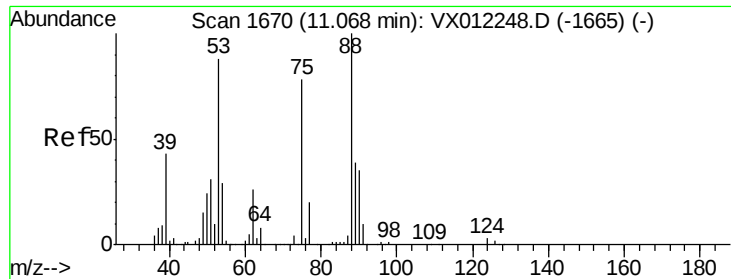
77 1.4 19.7 59.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 132.865 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX012396.D

Acq: 13 Sep 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

FK-BPM-04-004-ABCD

Tgt Ion: 75 Resp: 70290

Ion Ratio Lower Upper

75 100

53 0.0 88.1 132.1#

89 0.0 43.5 65.3#

