

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091119\
 Data File : VX012322.D
 Acq On : 12 Sep 2019 01:21
 Operator : SY/SP
 Sample : K4694-05
 Misc : 2.90g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RT5124

Quant Time: Sep 12 05:44:32 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	5.64	168	167449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	289458	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	121477	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	116721	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	
35) Dibromofluoromethane	5.48	113	86424	46.58	ug/l	0.00
Spiked Amount			Recovery	=	93.16%	
50) Toluene-d8	8.71	98	343292	52.75	ug/l	0.00
Spiked Amount			Recovery	=	105.50%	
62) 4-Bromofluorobenzene	11.13	95	137939	45.72	ug/l	0.00
Spiked Amount			Recovery	=	91.44%	

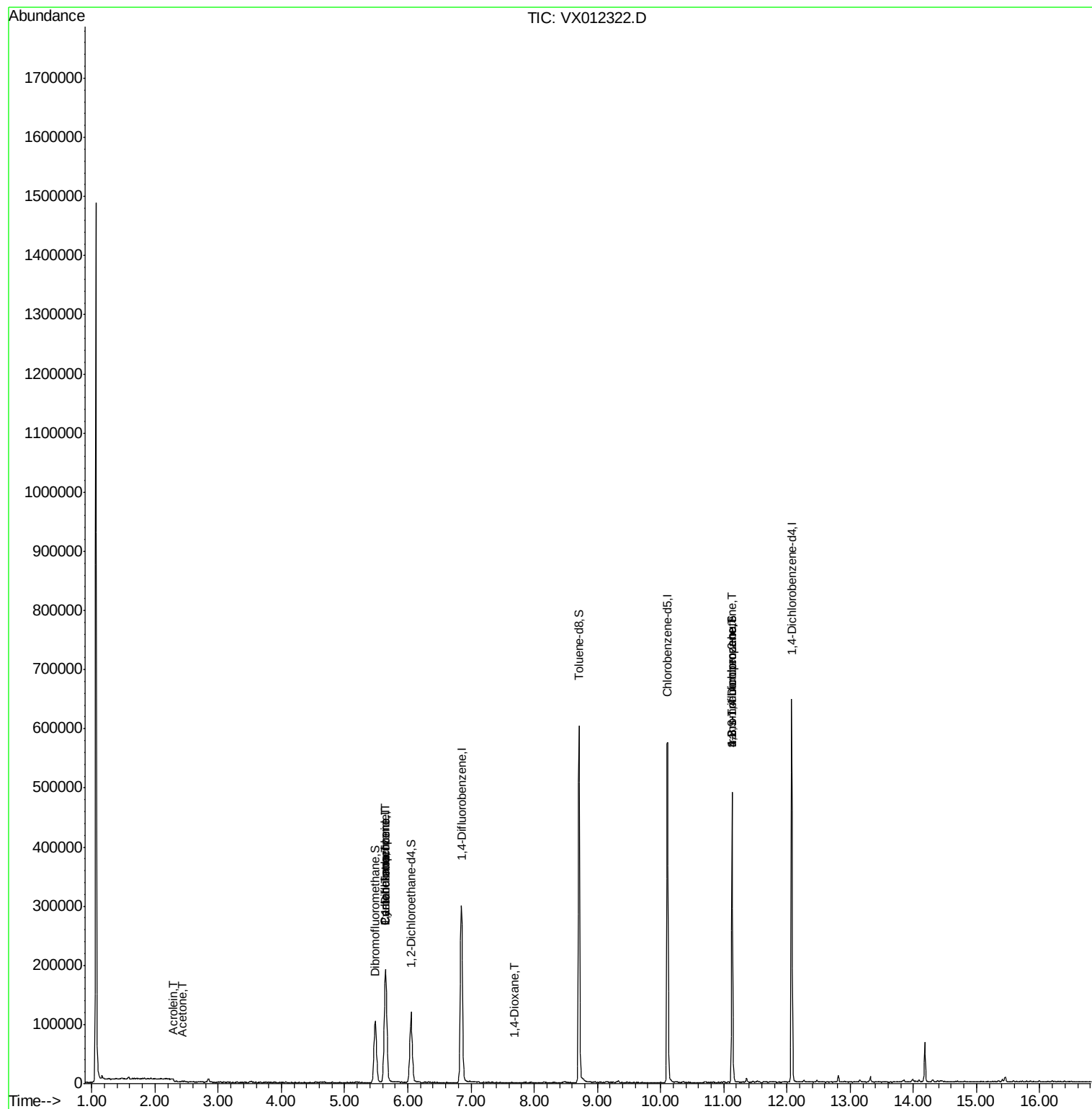
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	281	Below Cal	#	45
11) Tert butyl alcohol	3.04	59	630	Below Cal	#	74
13) Acrolein	2.28	56	238	1.923	ug/l #	13
16) Acetone	2.43	43	1465	2.614	ug/l #	77
20) Methylene Chloride	2.84	84	2854	Below Cal		87
31) Cyclohexane	5.64	56	4491	2.043	ug/l #	21
36) 1,1-Dichloropropene	5.65	75	15072	7.141	ug/l #	52
38) Carbon Tetrachloride	5.65	117	19352	7.815	ug/l #	15
49) 1,4-Dioxane	7.68	88	22	1.238	ug/l #	19
76) 1,2,3-Trichloropropane	11.13	75	74864	47.973	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	74864	143.737	ug/l #	5

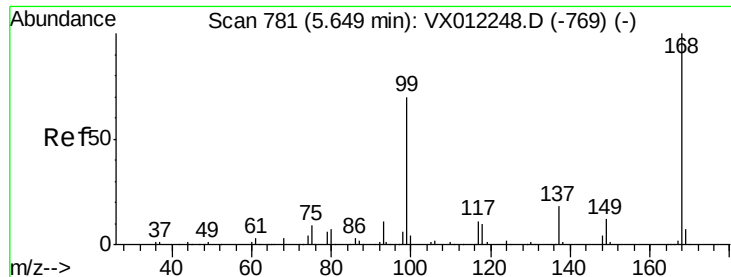
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX091119\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX012322.D

Acq: 12 Sep 2019 01:21

Instrument :

MSVOA_X

ClientSampleId :

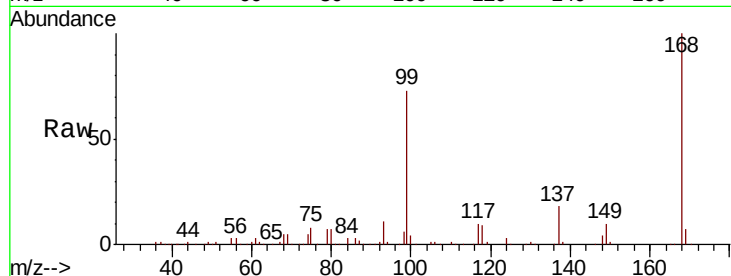
RT5124

Tgt Ion:168 Resp: 167449

Ion Ratio Lower Upper

168 100

99 72.7 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

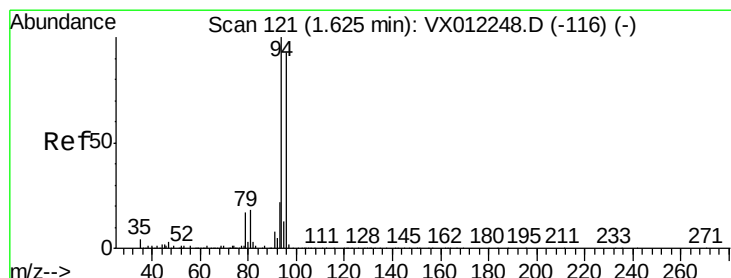
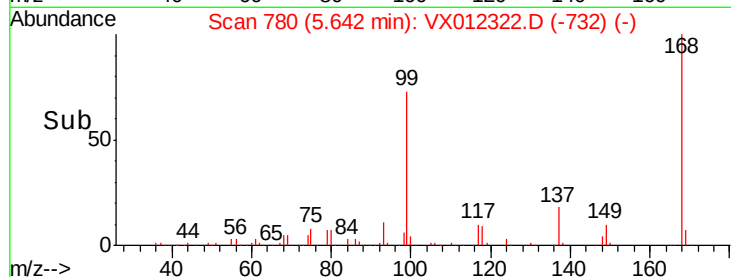
60000

40000

20000

0

Time--> 5.50 5.60 5.70



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX012322.D

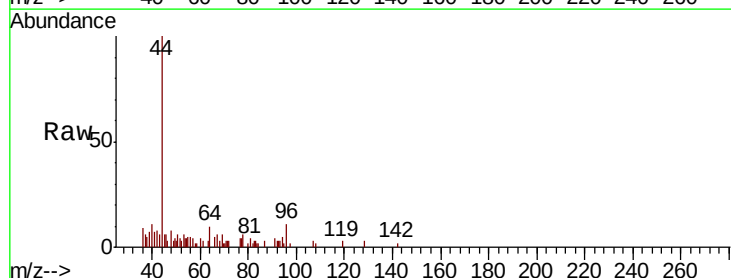
Acq: 12 Sep 2019 01:21

Tgt Ion: 94 Resp: 281

Ion Ratio Lower Upper

94 100

96 145.1 74.0 111.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

300

250

200

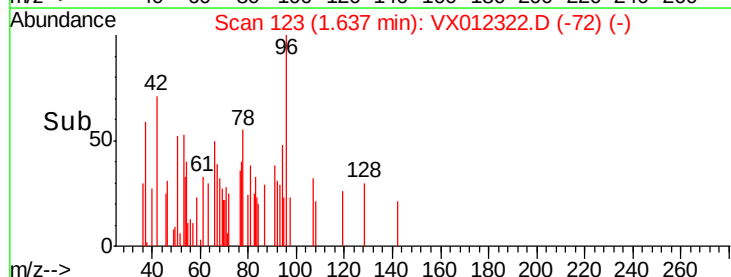
150

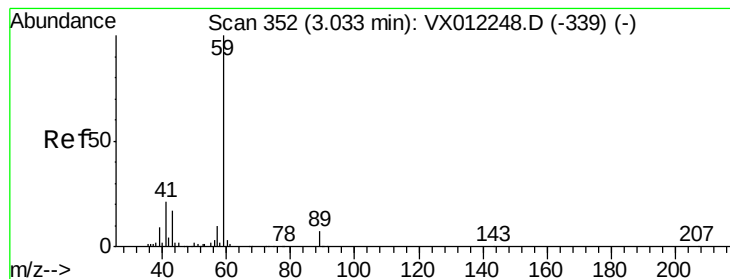
100

50

0

Time--> 1.60 1.65



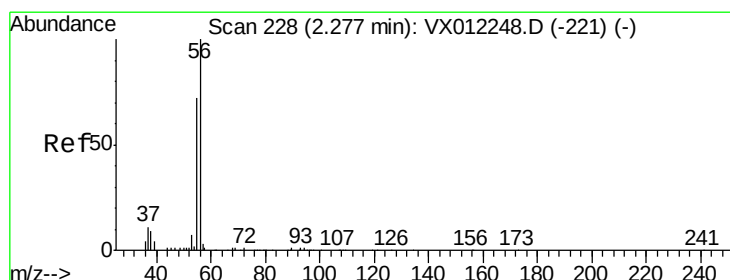
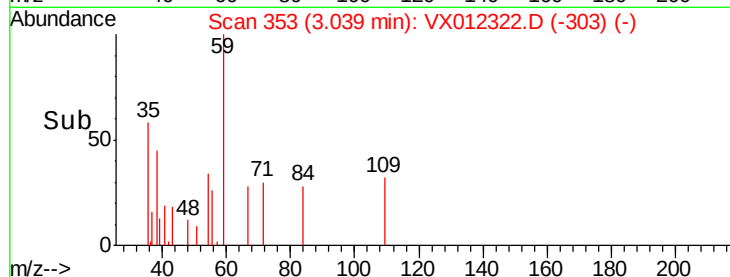
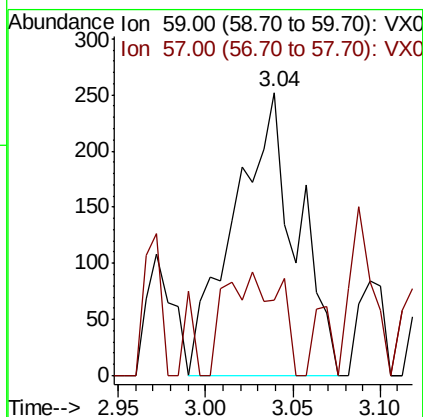
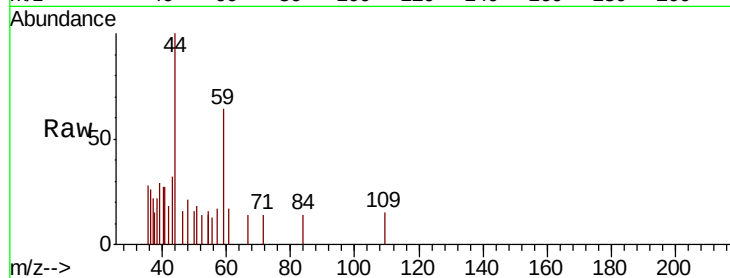


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 3.04 min Scan# 353
 Delta R.T. 0.01 min
 Lab File: VX012322.D
 Acq: 12 Sep 2019 01:21

Instrument :
 MSVOA_X
 ClientSampled :
 RT5124

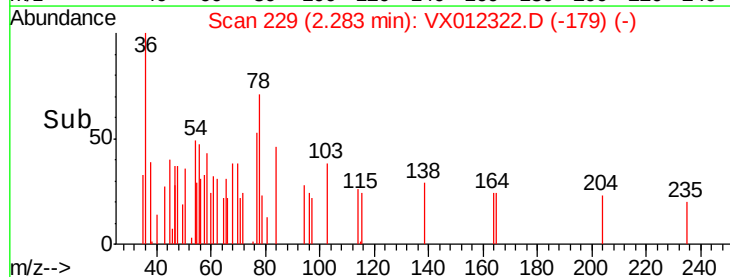
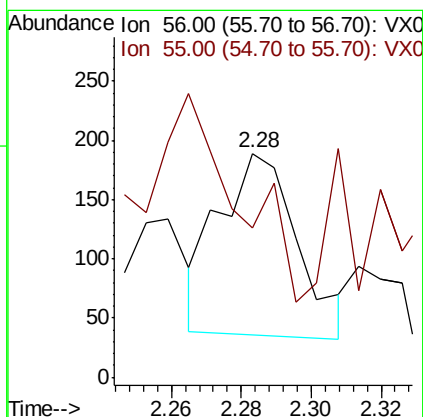
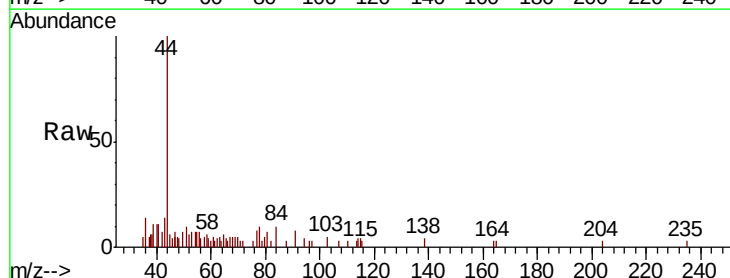
Tgt Ion: 59 Resp: 630
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6#

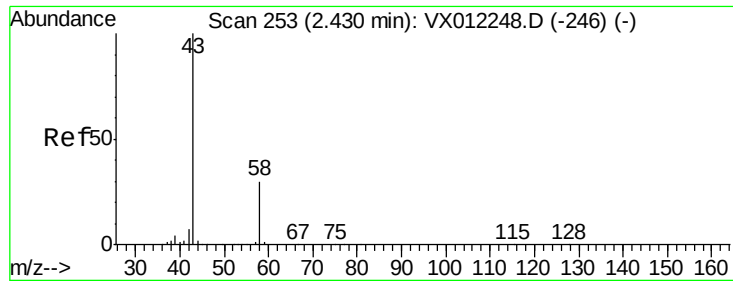


#13

Acrolein
 Concen: 1.923 ug/l
 RT: 2.28 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VX012322.D
 Acq: 12 Sep 2019 01:21

Tgt Ion: 56 Resp: 238
 Ion Ratio Lower Upper
 56 100
 55 148.3 59.8 89.6#





#16

Acetone

Concen: 2.614 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012322.D

Acq: 12 Sep 2019 01:21

Instrument :

MSVOA_X

ClientSampled :

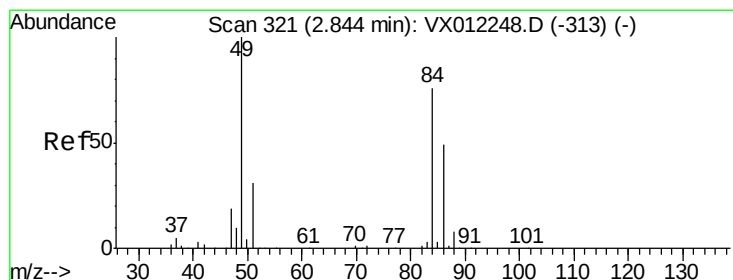
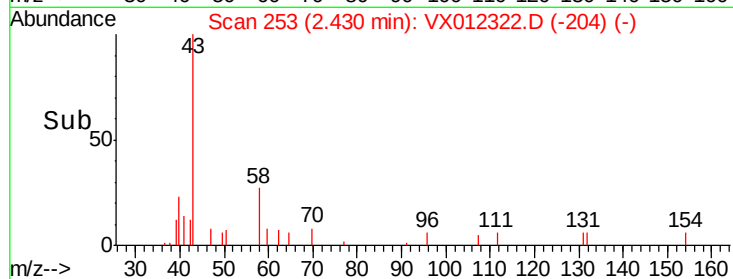
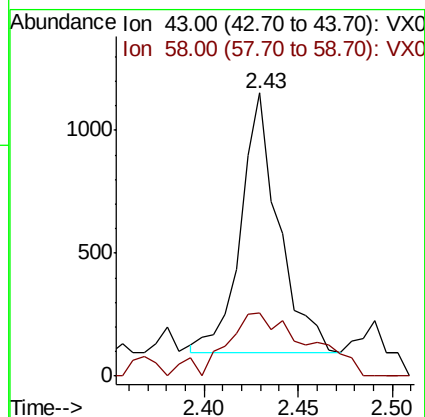
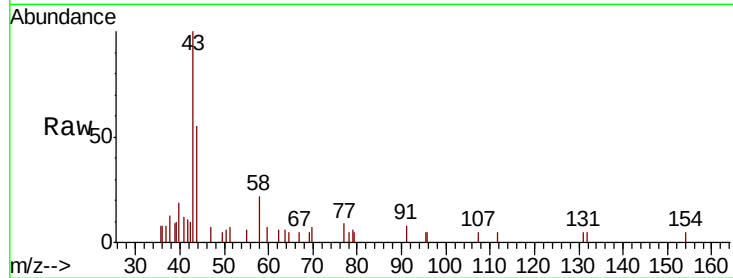
RT5124

Tgt Ion: 43 Resp: 1465

Ion Ratio Lower Upper

43 100

58 17.3 23.6 35.4#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.84 min Scan# 321

Delta R.T. 0.00 min

Lab File: VX012322.D

Acq: 12 Sep 2019 01:21

Tgt Ion: 84 Resp: 2854

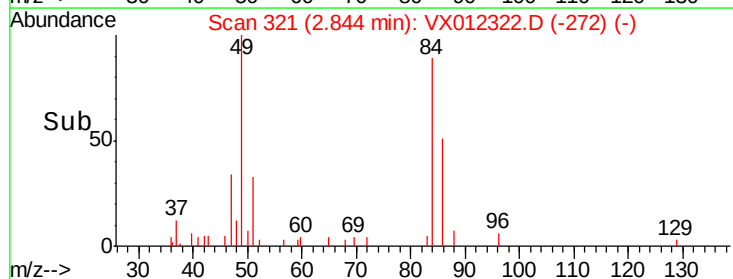
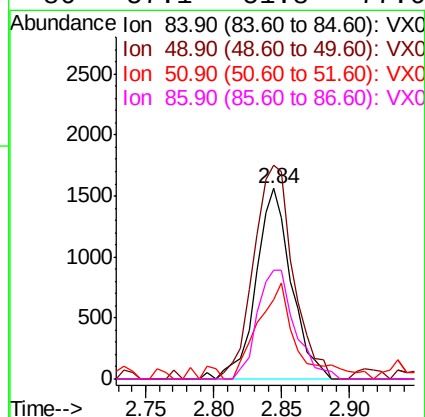
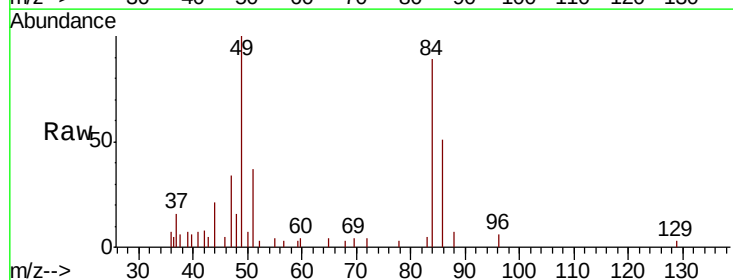
Ion Ratio Lower Upper

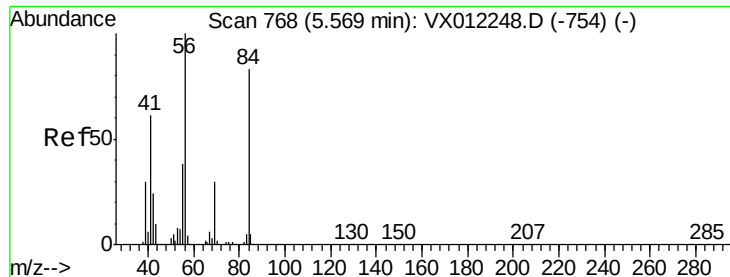
84 100

49 112.2 105.0 157.6

51 36.6 32.6 48.8

86 57.1 51.8 77.6

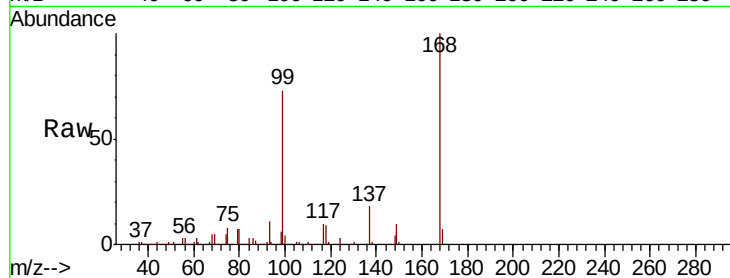




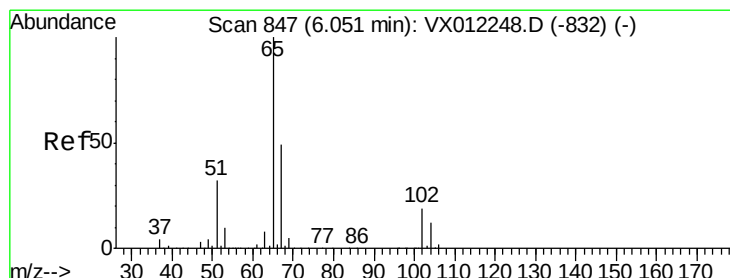
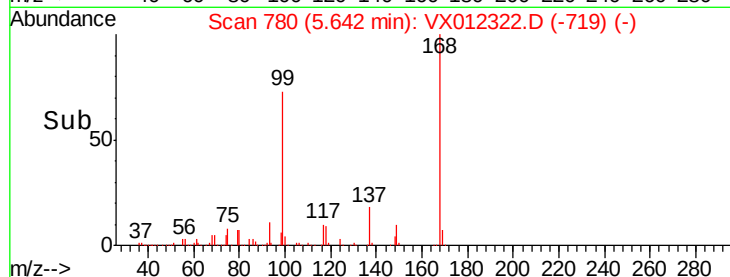
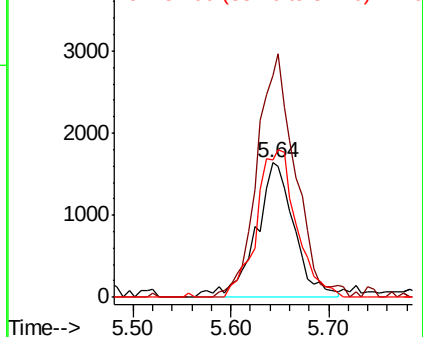
#31
Cyclohexane
Concen: 2.043 ug/l
RT: 5.64 min Scan# 780
Delta R.T. 0.07 min
Lab File: VX012322.D
Acq: 12 Sep 2019 01:21

Instrument :
MSVOA_X
ClientSampleId :
RT5124

Tgt Ion: 56 Resp: 4491
Ion Ratio Lower Upper
56 100
69 165.7 23.8 35.6#
84 99.4 66.6 100.0

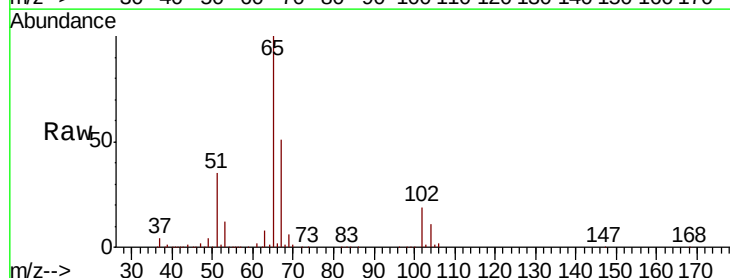


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

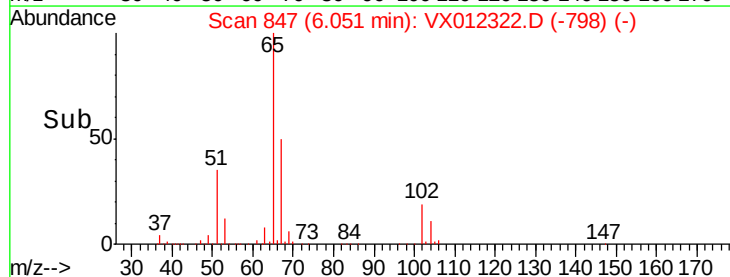
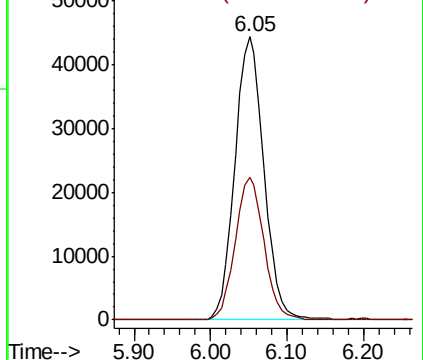


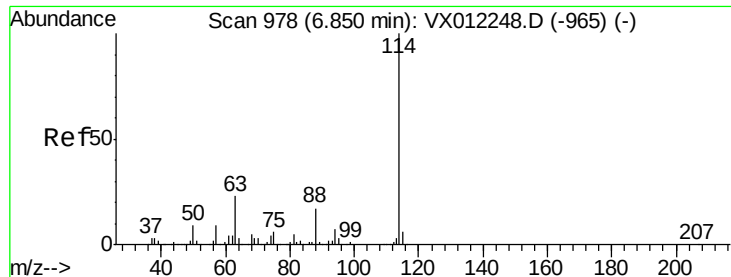
#33
1,2-Dichloroethane-d4
Concen: 49.303 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012322.D
Acq: 12 Sep 2019 01:21

Tgt Ion: 65 Resp: 116721
Ion Ratio Lower Upper
65 100
67 50.0 0.0 99.8



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: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012322.D

Acq: 12 Sep 2019 01:21

Instrument :

MSVOA_X

ClientSampleId :

RT5124

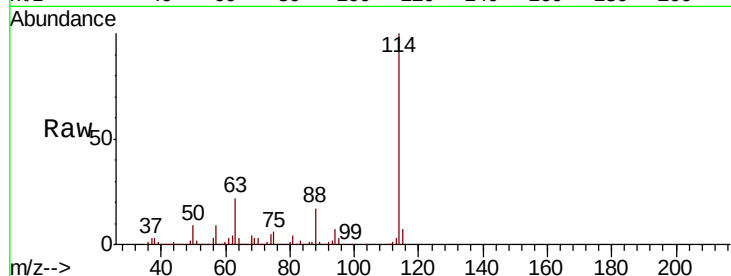
Tgt Ion:114 Resp: 289458

Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.2

88 17.3 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

150000

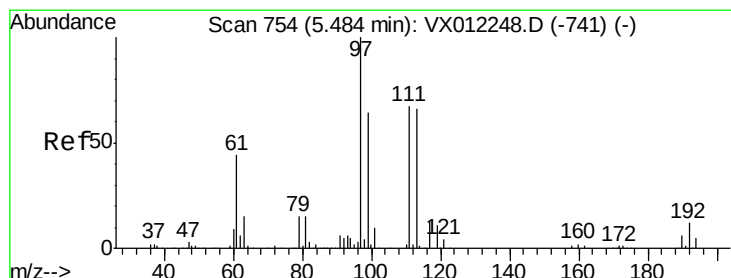
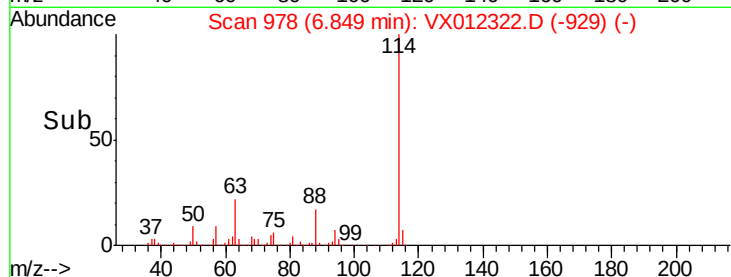
100000

50000

0

6.80 6.90

Time-->



#35

Dibromofluoromethane

Concen: 46.576 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012322.D

Acq: 12 Sep 2019 01:21

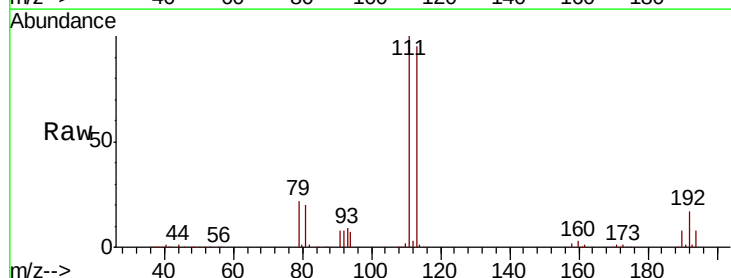
Tgt Ion:113 Resp: 86424

Ion Ratio Lower Upper

113 100

111 103.4 83.0 124.6

192 17.9 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

40000

30000

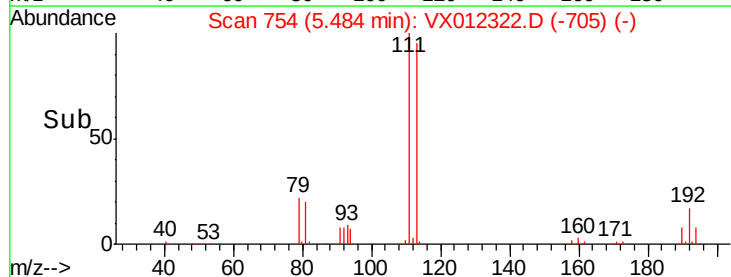
20000

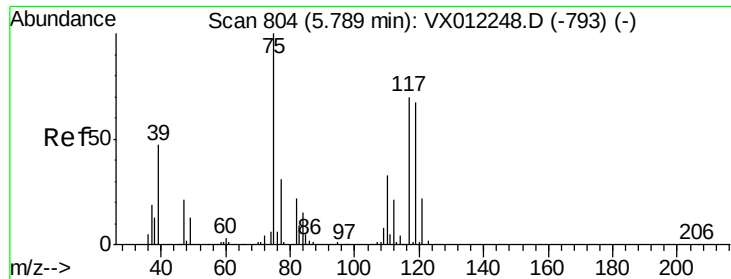
10000

0

5.40 5.50 5.60

Time-->

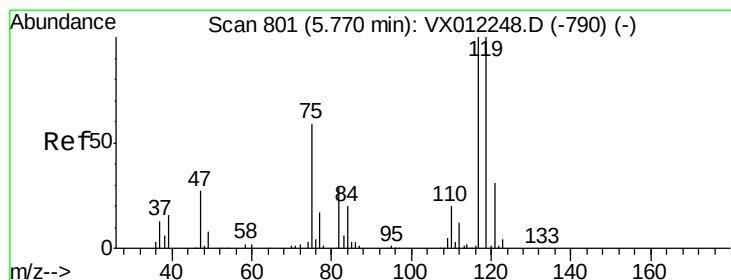
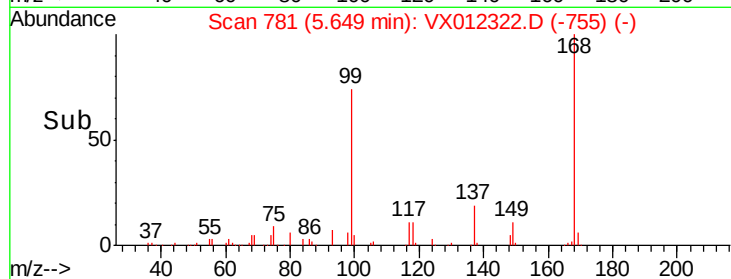
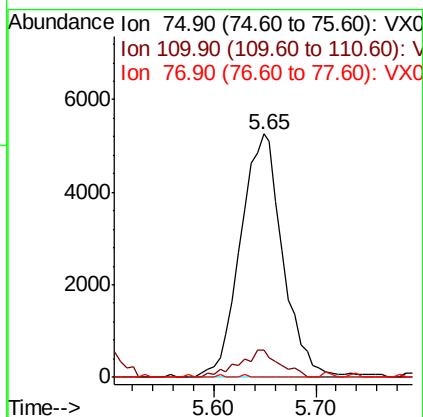
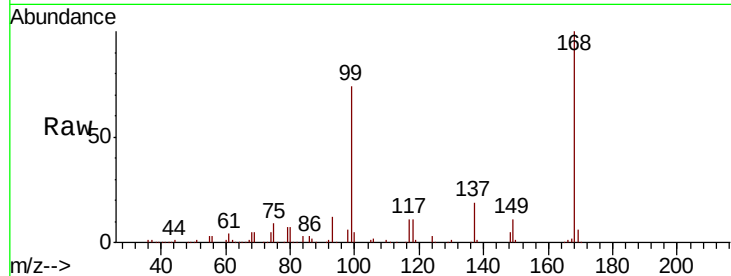




#36
 1,1-Dichloropropene
 Concen: 7.141 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012322.D
 Acq: 12 Sep 2019 01:21

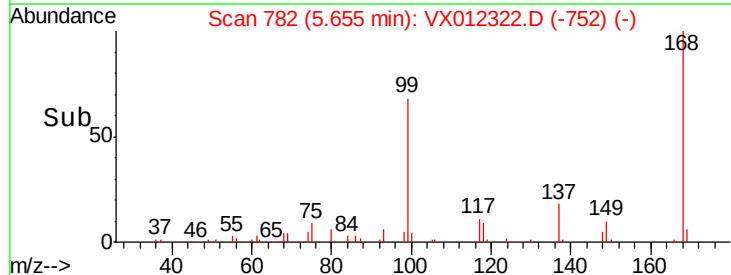
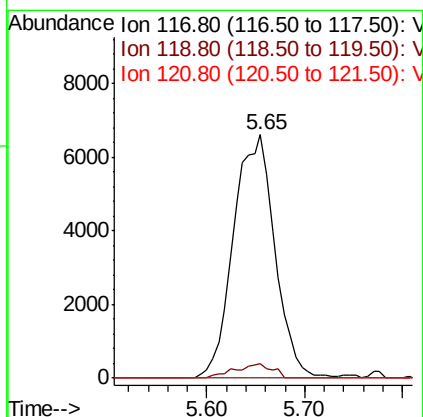
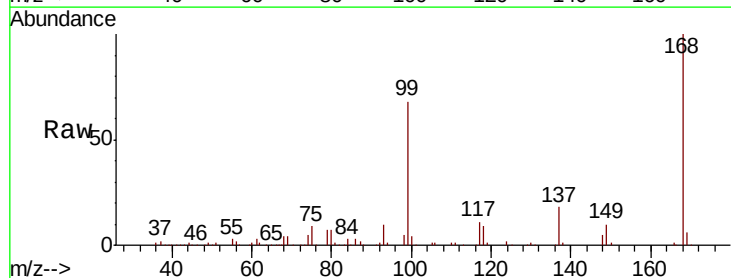
Instrument :
 MSVOA_X
 ClientSampled :
 RT5124

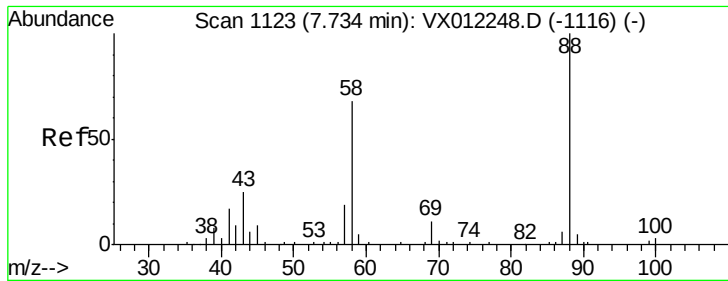
Tgt Ion: 75 Resp: 15072
 Ion Ratio Lower Upper
 75 100
 110 10.8 16.8 50.4#
 77 0.1 24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 7.815 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.12 min
 Lab File: VX012322.D
 Acq: 12 Sep 2019 01:21

Tgt Ion: 117 Resp: 19352
 Ion Ratio Lower Upper
 117 100
 119 5.9 79.6 119.4#
 121 0.0 24.7 37.1#

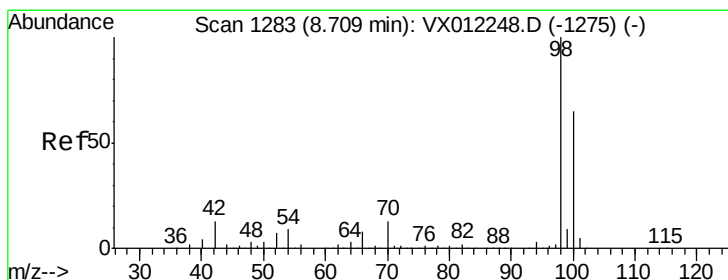
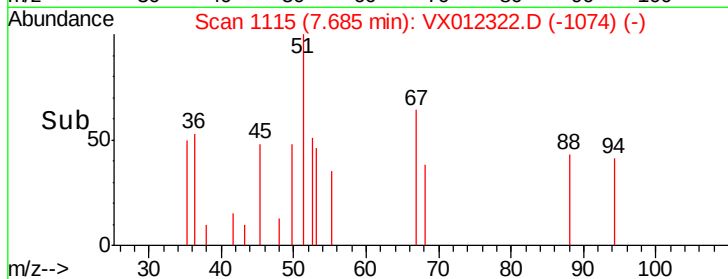
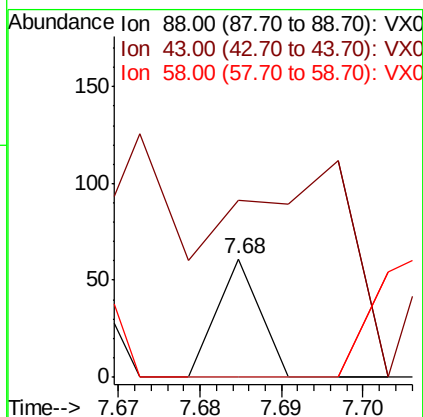
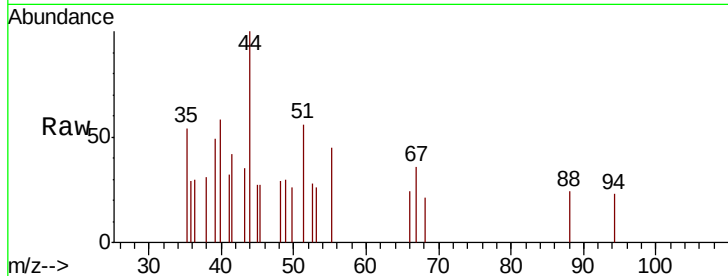




#49
1,4-Dioxane
Concen: 1.238 ug/l
RT: 7.68 min Scan# 1115
Delta R.T. -0.05 min
Lab File: VX012322.D
Acq: 12 Sep 2019 01:21

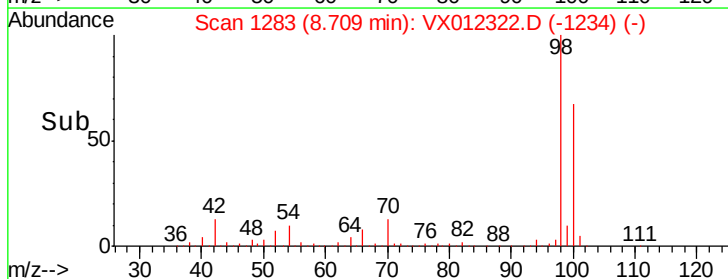
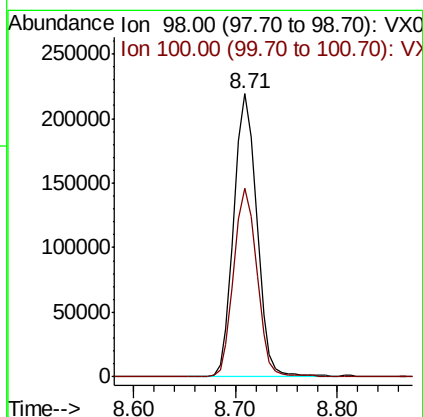
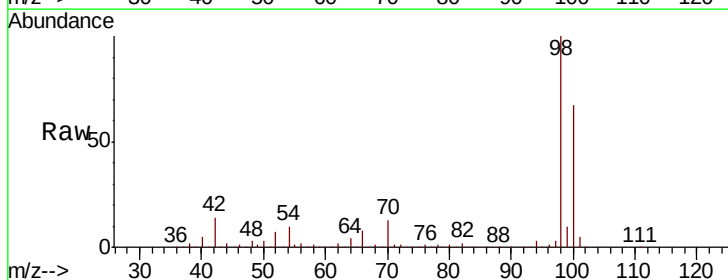
Instrument :
MSVOA_X
ClientSampled :
RT5124

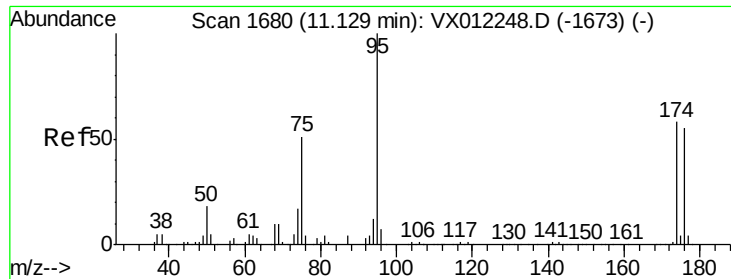
Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.4#
58 0.0 61.5 92.3#



#50
Toluene-d8
Concen: 52.749 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012322.D
Acq: 12 Sep 2019 01:21

Tgt Ion: 98 Resp: 343292
Ion Ratio Lower Upper
98 100
100 67.4 54.1 81.1





#62

4-Bromofluorobenzene

Concen: 45.718 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX012322.D

Acq: 12 Sep 2019 01:21

Instrument :

MSVOA_X

ClientSampled :

RT5124

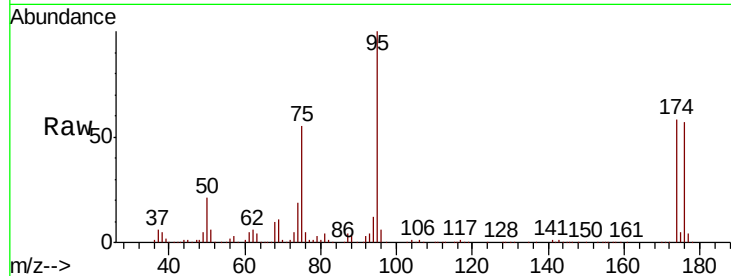
Tgt Ion: 95 Resp: 137939

Ion Ratio Lower Upper

95 100

174 66.3 0.0 127.0

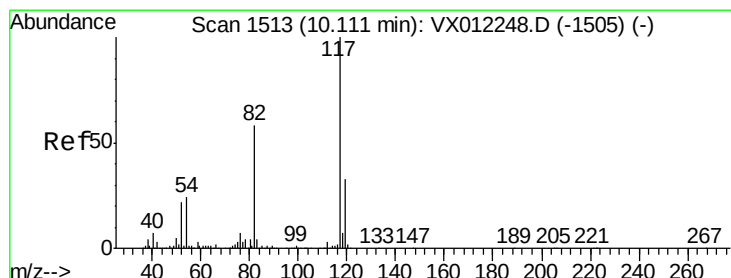
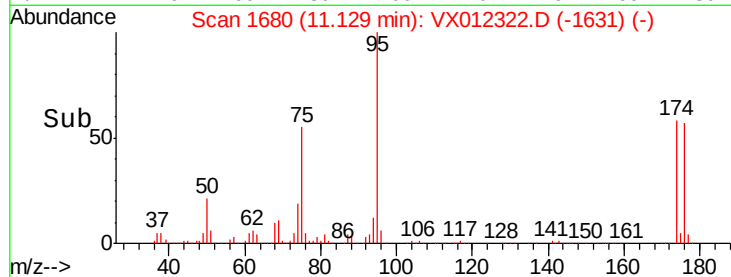
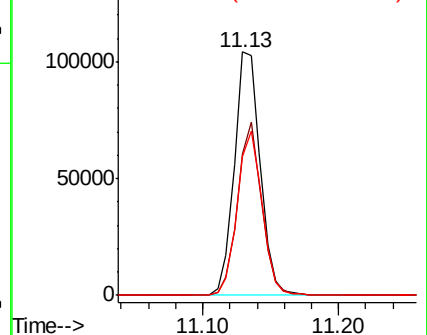
176 65.3 0.0 125.8



Abundance Ion 94.90 (94.60 to 95.60): VX012322.D (-1673) (-)

Ion 173.80 (173.50 to 174.50): VX012322.D (-1673) (-)

Ion 175.80 (175.50 to 176.50): VX012322.D (-1673) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012322.D

Acq: 12 Sep 2019 01:21

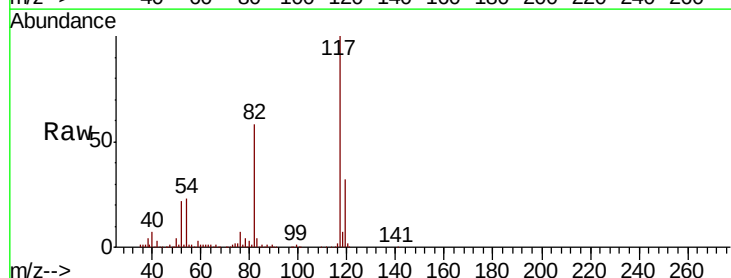
Tgt Ion: 117 Resp: 260807

Ion Ratio Lower Upper

117 100

82 57.9 46.4 69.6

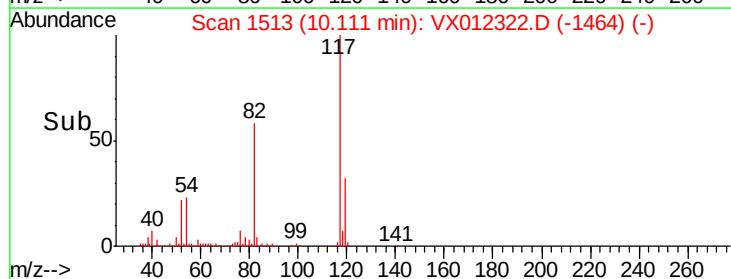
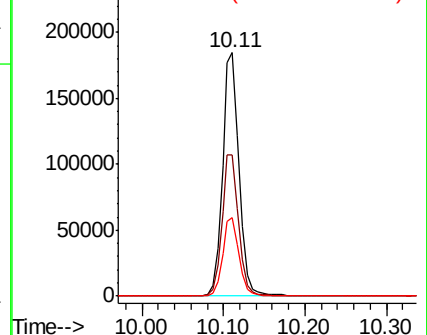
119 32.2 26.6 39.8

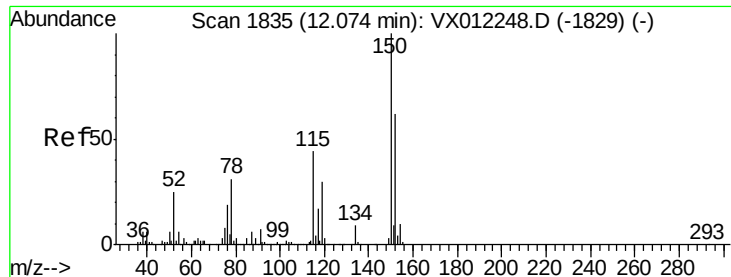


Abundance Ion 116.90 (116.60 to 117.60): VX012322.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012322.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012322.D (-1464) (-)



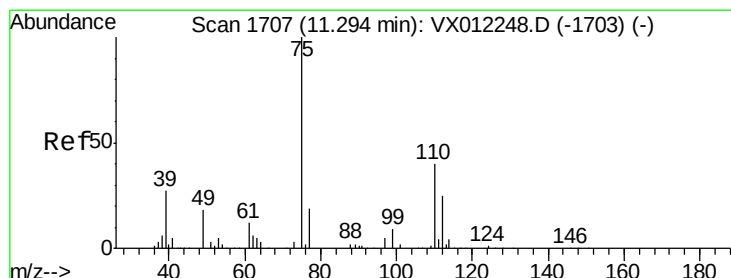
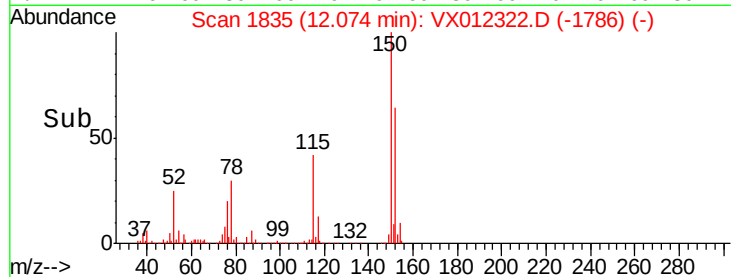
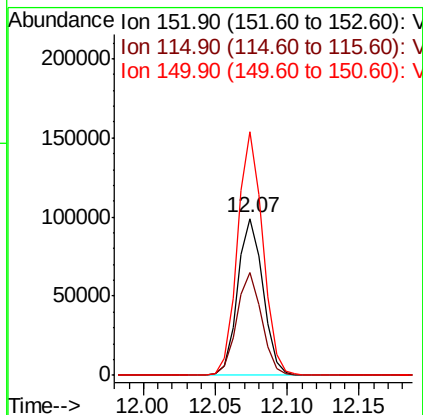
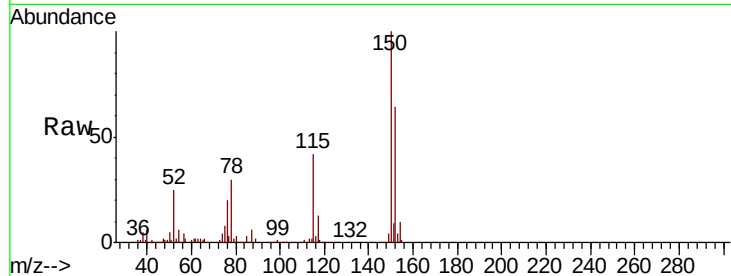


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012322.D
Acq: 12 Sep 2019 01:21

Instrument :
MSVOA_X
ClientSampled :
RT5124

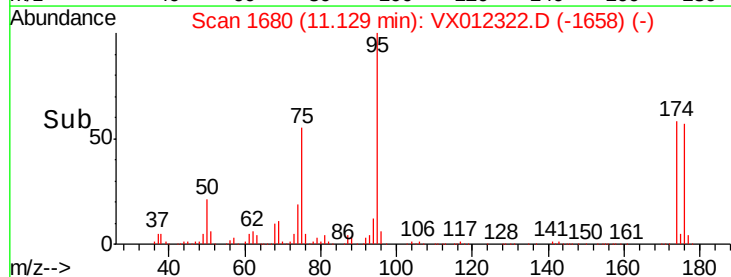
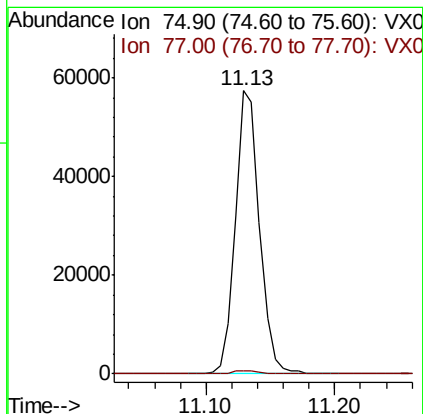
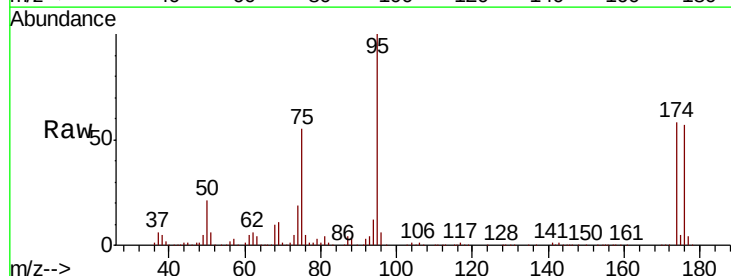
Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.2	45.5	136.4
150	155.1	0.0	346.4

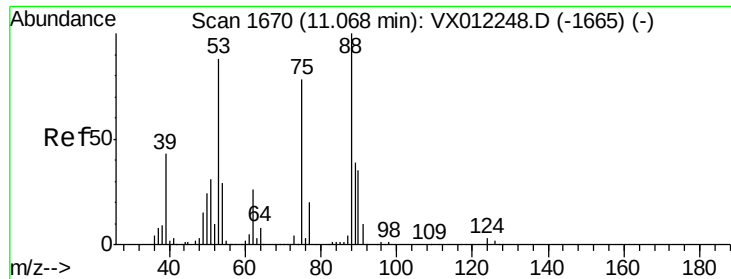


#76

1,2,3-Trichloropropane
Concen: 47.973 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX012322.D
Acq: 12 Sep 2019 01:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.7	59.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 143.737 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX012322.D

Acq: 12 Sep 2019 01:21

Instrument :

MSVOA_X

ClientSampleId :

RT5124

Tgt Ion: 75 Resp: 74864

Ion Ratio Lower Upper

75 100

53 0.0 88.1 132.1#

89 0.1 43.5 65.3#

