

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091119\
 Data File : VX012319.D
 Acq On : 11 Sep 2019 23:57
 Operator : SY/SP
 Sample : K4789-12
 Misc : 5.55g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RT3860

Quant Time: Sep 12 05:43:55 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	116787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	189102	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	164061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	74393	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	71284	43.17	ug/l	0.00
Spiked Amount			Recovery	=	86.34%	
35) Dibromofluoromethane	5.48	113	52504	43.31	ug/l	0.00
Spiked Amount			Recovery	=	86.62%	
50) Toluene-d8	8.71	98	223328	52.53	ug/l	0.00
Spiked Amount			Recovery	=	105.06%	
62) 4-Bromofluorobenzene	11.14	95	85501	43.38	ug/l	0.00
Spiked Amount			Recovery	=	86.76%	

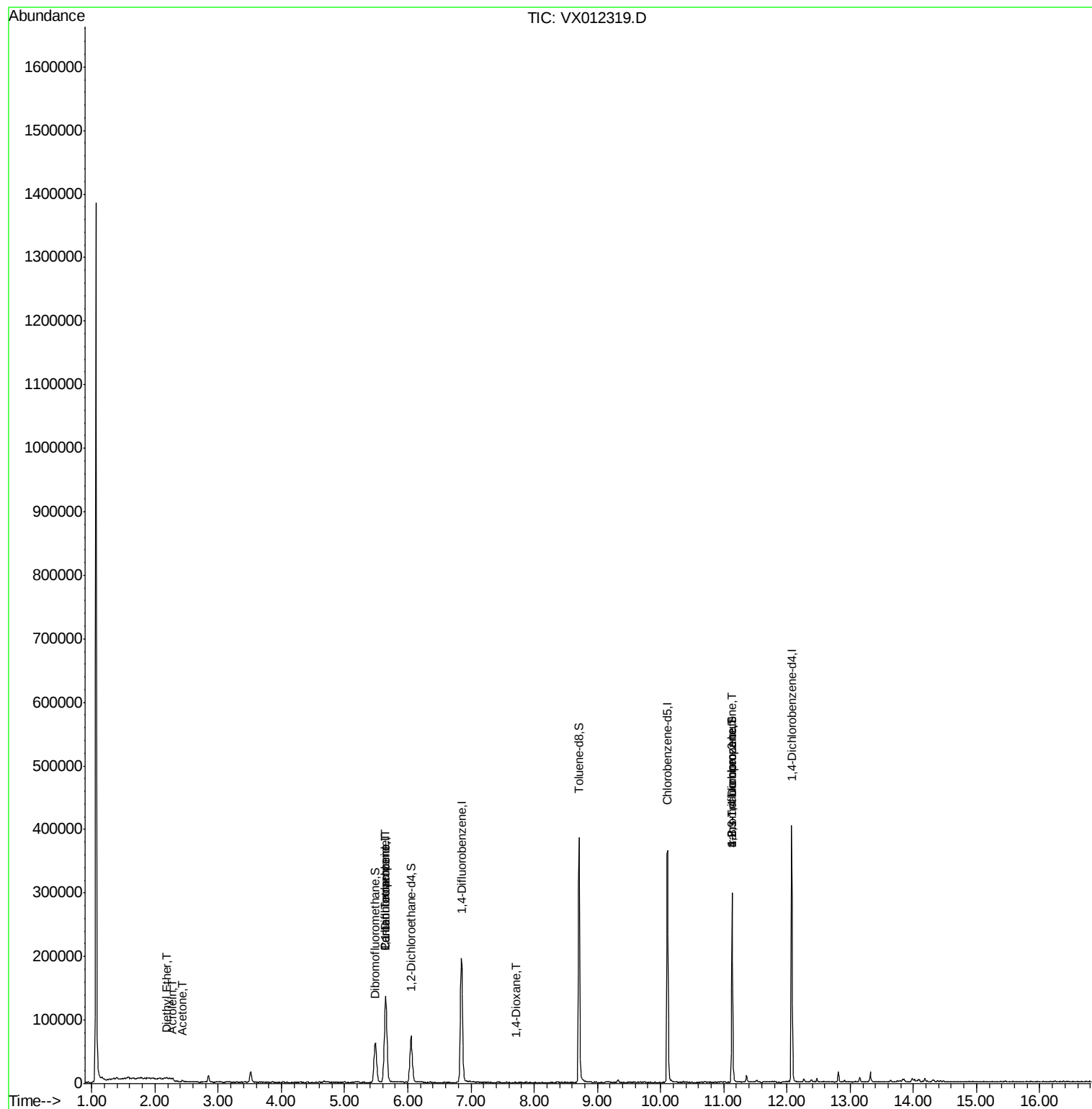
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.62	94	160	Below Cal	#	3
8) Diethyl Ether	2.18	74	859	1.630	ug/l	82
11) Tert butyl alcohol	3.03	59	656	Below Cal	#	84
13) Acrolein	2.28	56	365	4.229	ug/l #	75
16) Acetone	2.43	43	1784	4.564	ug/l	91
36) 1,1-Dichloropropene	5.65	75	10553	7.653	ug/l #	49
38) Carbon Tetrachloride	5.65	117	13361	8.259	ug/l #	16
49) 1,4-Dioxane	7.73	88	19	1.637	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	44183	46.232	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	44183	138.520	ug/l #	5

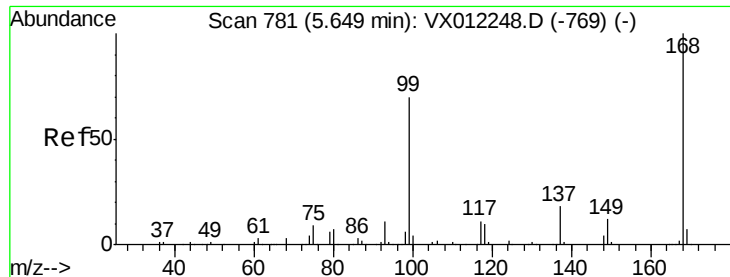
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX091119\
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Quant Time: Sep 12 05:43:55 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: VX012319.D

Acq: 11 Sep 2019 23:57

Instrument :

MSVOA_X

ClientSampleId :

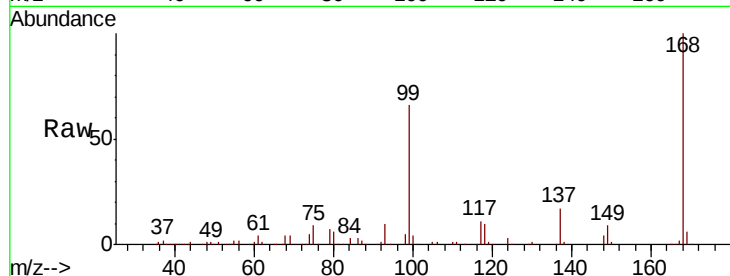
RT3860

Tgt Ion: 168 Resp: 116787

Ion Ratio Lower Upper

168 100

99 65.9 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

40000

30000

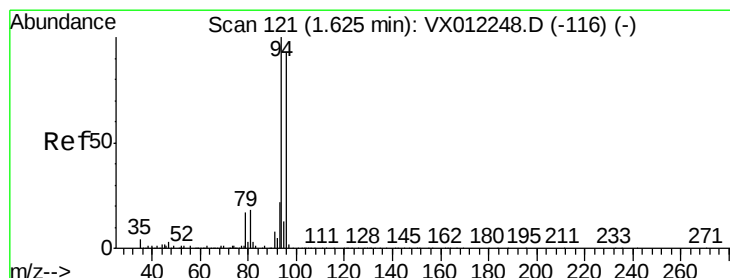
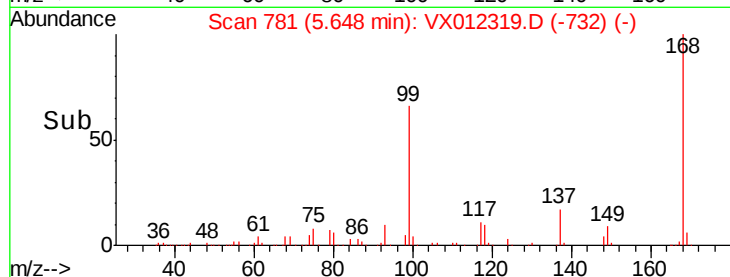
20000

10000

0

Time-->

5.60 5.70



#5

Bromomethane

Concen: Below Cal

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012319.D

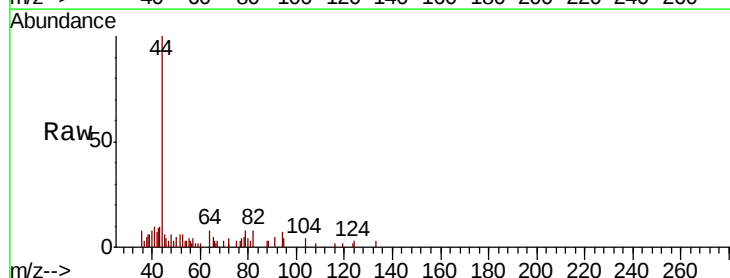
Acq: 11 Sep 2019 23:57

Tgt Ion: 94 Resp: 160

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

200

150

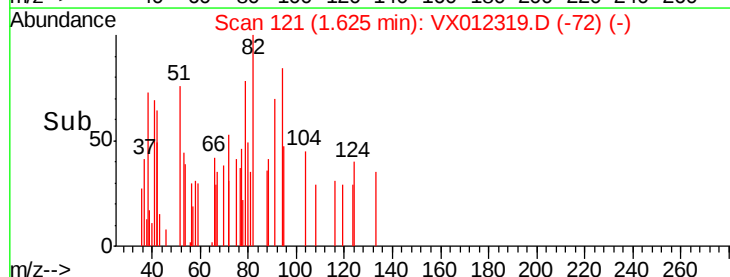
100

50

0

Time-->

1.60 1.61 1.62 1.63

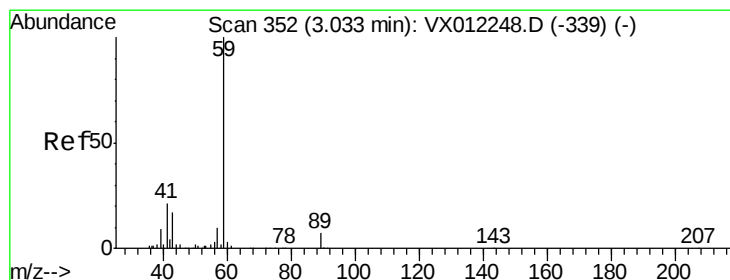
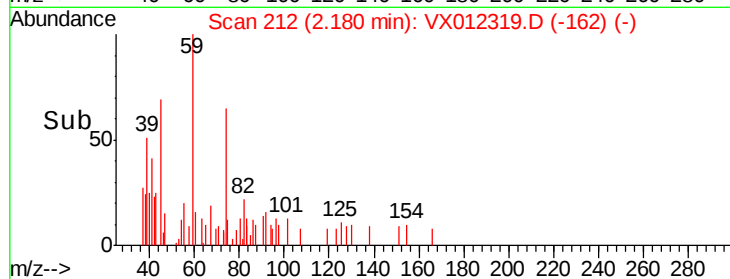
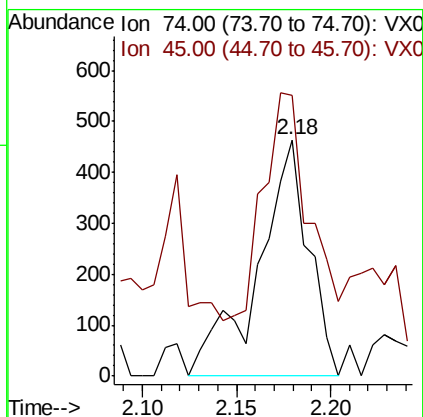
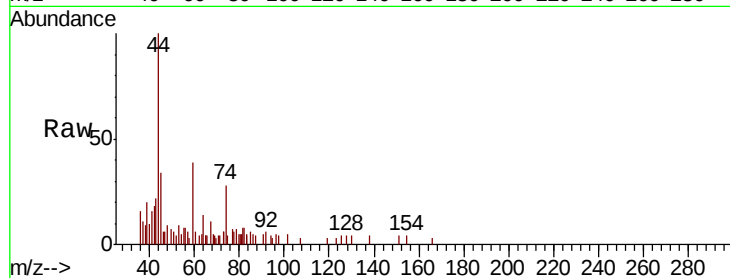




#8
Diethyl Ether
Concen: 1.630 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX012319.D
Acq: 11 Sep 2019 23:57

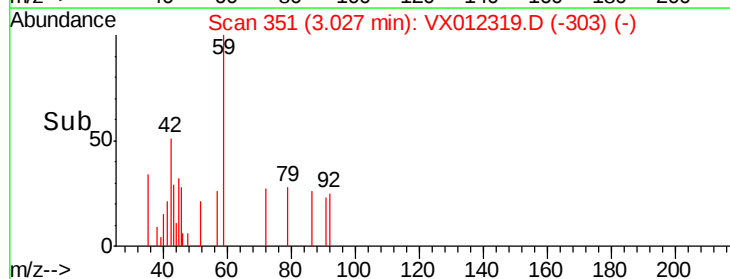
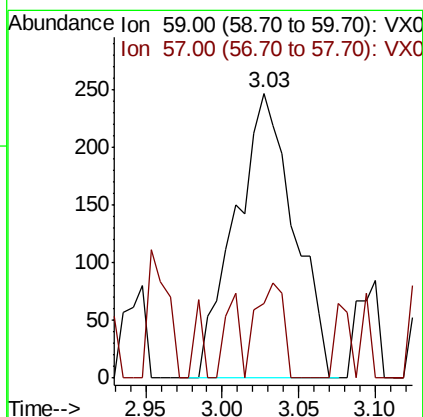
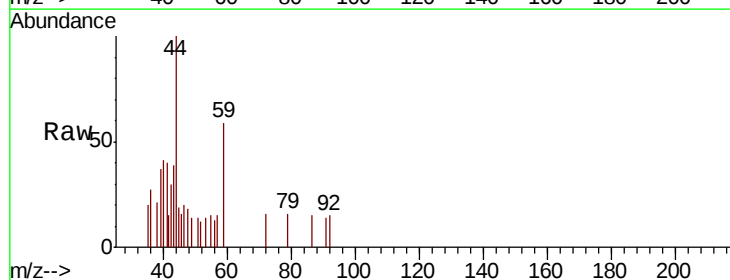
Instrument :
MSVOA_X
ClientSampled :
RT3860

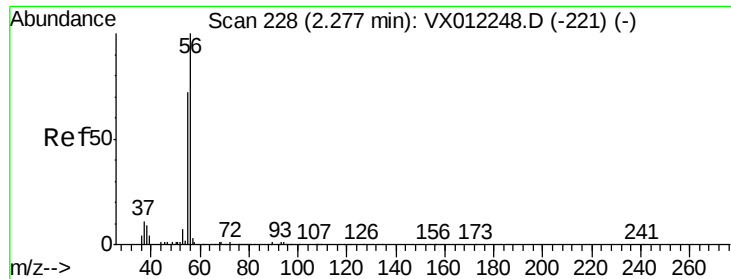
Tgt Ion: 74 Resp: 859
Ion Ratio Lower Upper
74 100
45 83.9 51.3 153.9



#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012319.D
Acq: 11 Sep 2019 23:57

Tgt Ion: 59 Resp: 656
Ion Ratio Lower Upper
59 100
57 15.5 7.8 11.6#





#13

Acrolein

Concen: 4.229 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.00 min

Lab File: VX012319.D

Acq: 11 Sep 2019 23:57

Instrument :

MSVOA_X

ClientSampled :

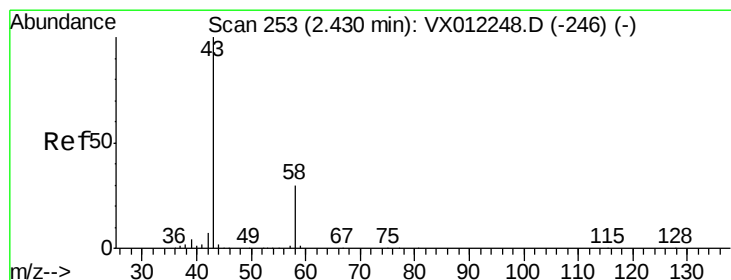
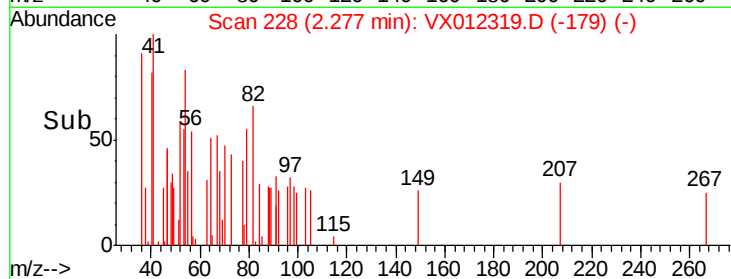
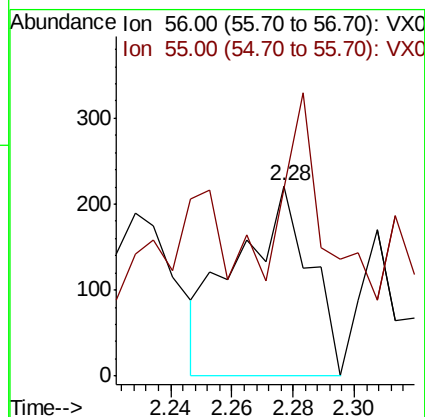
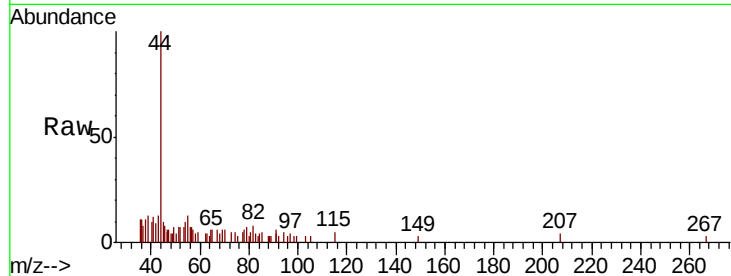
RT3860

Tgt Ion: 56 Resp: 365

Ion Ratio Lower Upper

56 100

55 53.7 59.8 89.6#



#16

Acetone

Concen: 4.564 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012319.D

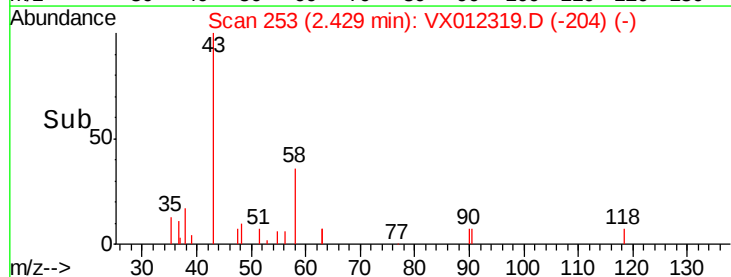
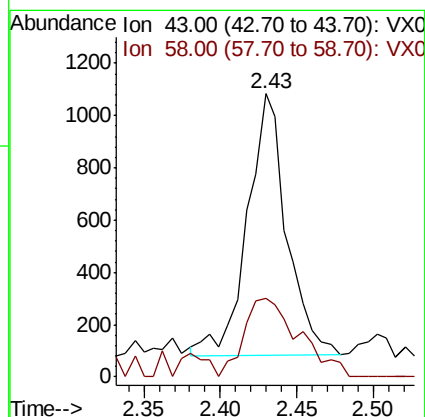
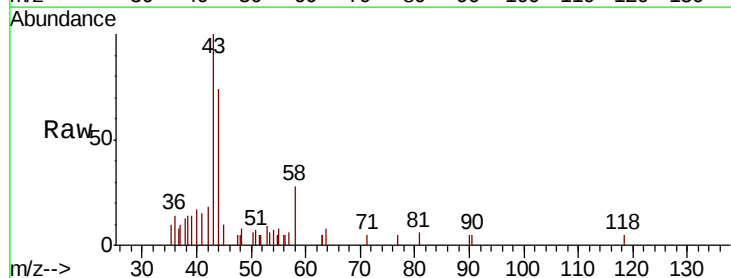
Acq: 11 Sep 2019 23:57

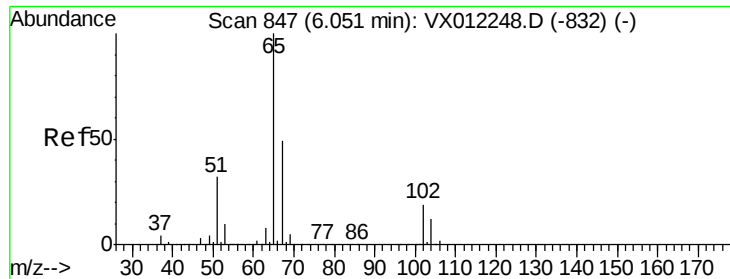
Tgt Ion: 43 Resp: 1784

Ion Ratio Lower Upper

43 100

58 24.4 23.6 35.4

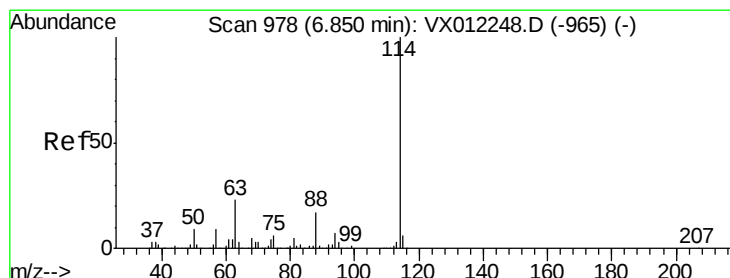
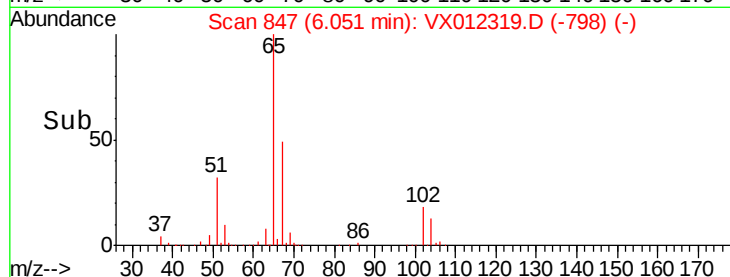
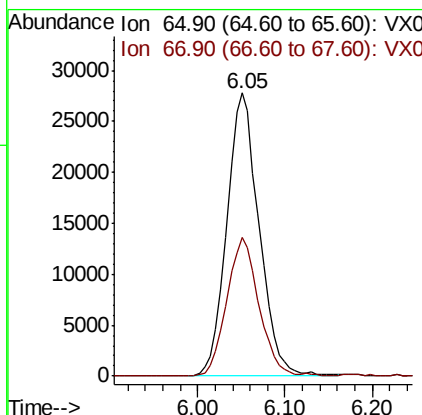
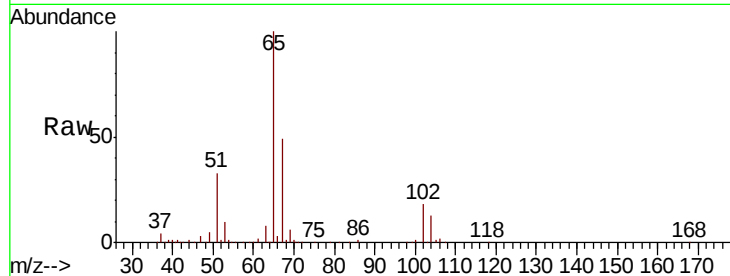




#33
 1,2-Dichloroethane-d4
 Concen: 43.173 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012319.D
 Acq: 11 Sep 2019 23:57

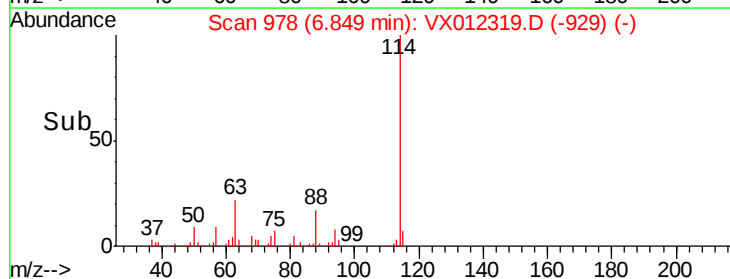
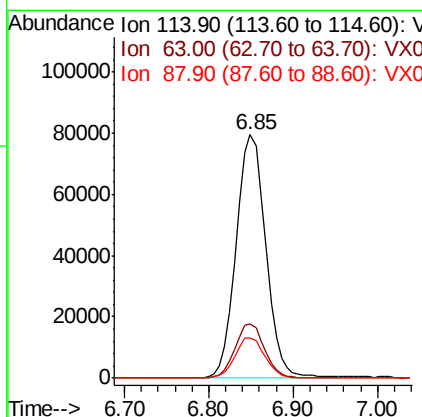
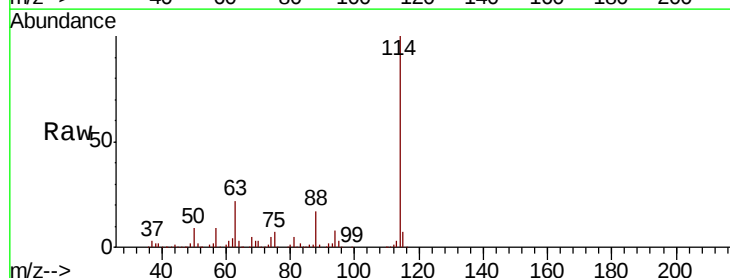
Instrument :
 MSVOA_X
 ClientSampleId :
 RT3860

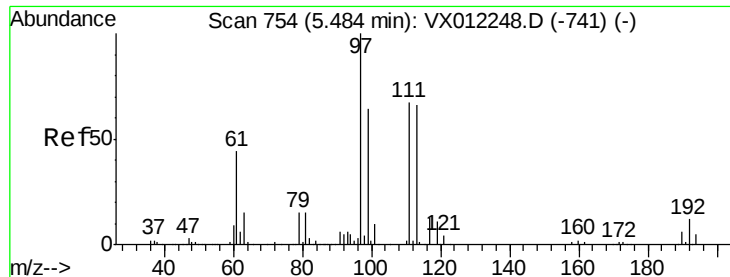
Tgt Ion: 65 Resp: 71284
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012319.D
 Acq: 11 Sep 2019 23:57

Tgt Ion: 114 Resp: 189102
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 45.2
 88 16.7 0.0 34.8

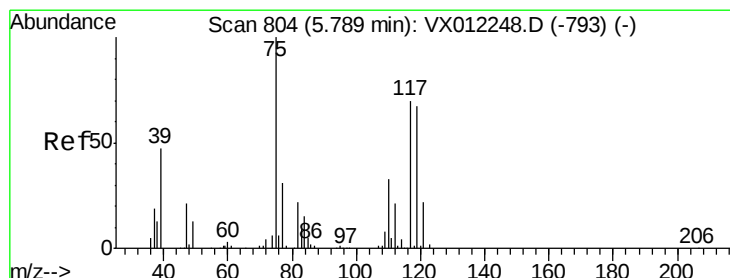
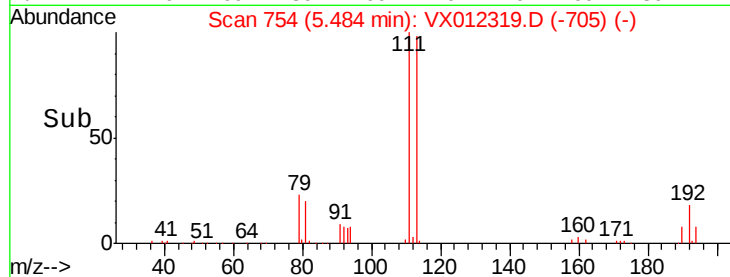
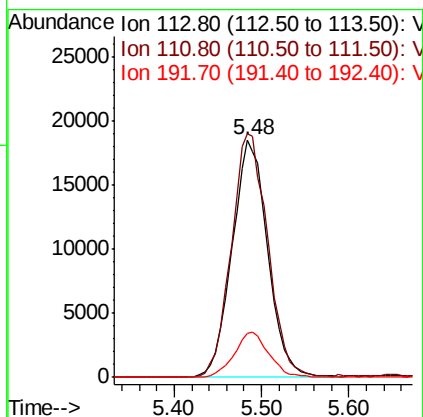
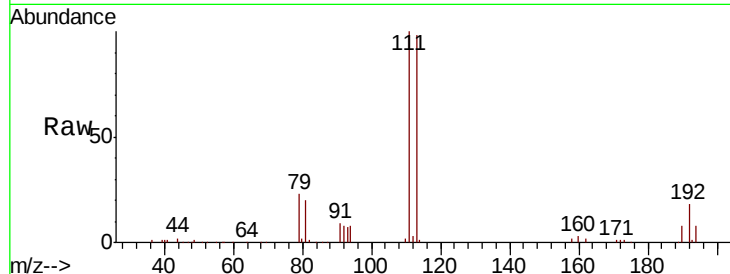




#35
 Dibromofluoromethane
 Concen: 43.312 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012319.D
 Acq: 11 Sep 2019 23:57

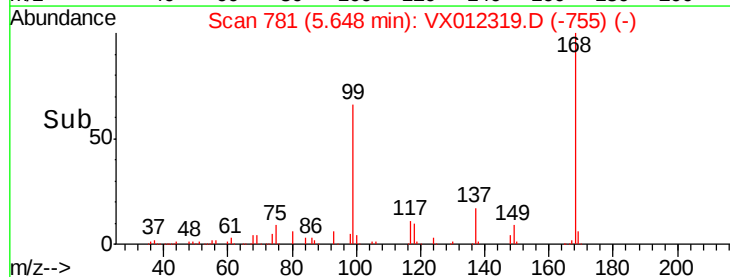
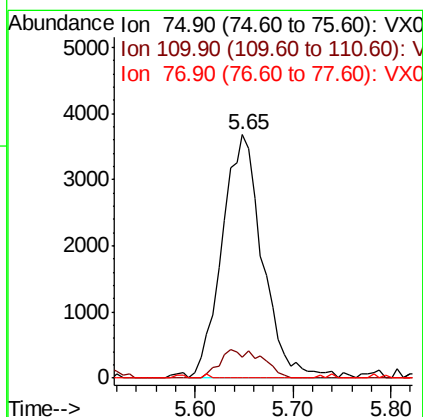
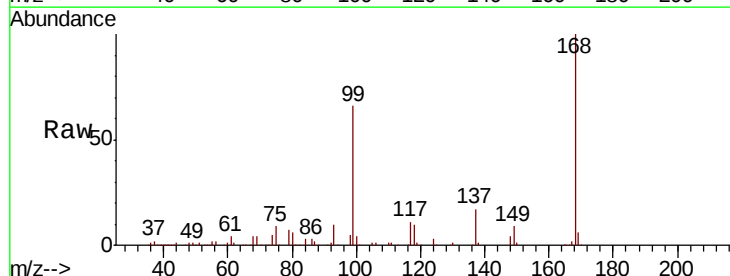
Instrument :
 MSVOA_X
 ClientSampleId :
 RT3860

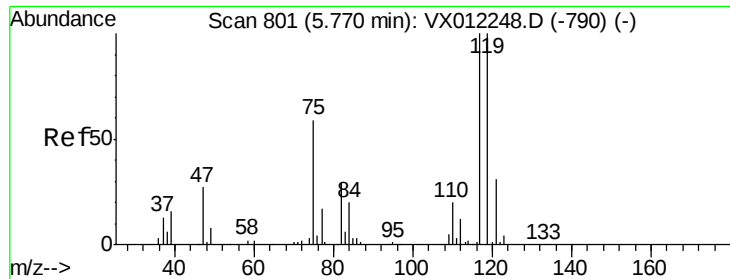
Tgt Ion:113 Resp: 52504
 Ion Ratio Lower Upper
 113 100
 111 105.1 83.0 124.6
 192 18.4 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 7.653 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012319.D
 Acq: 11 Sep 2019 23:57

Tgt Ion: 75 Resp: 10553
 Ion Ratio Lower Upper
 75 100
 110 6.6 16.8 50.4#
 77 0.0 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 8.259 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.12 min

Lab File: VX012319.D

Acq: 11 Sep 2019 23:57

Instrument :

MSVOA_X

ClientSampleId :

RT3860

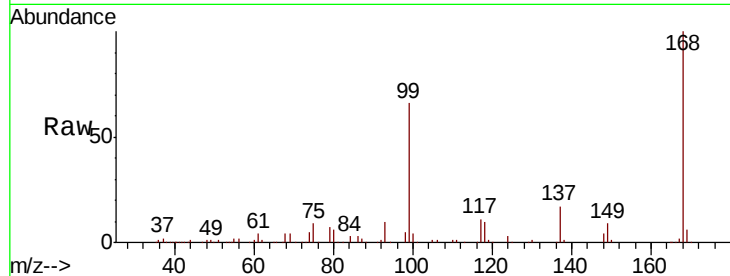
Tgt Ion: 117 Resp: 13361

Ion Ratio Lower Upper

117 100

119 6.6 79.6 119.4#

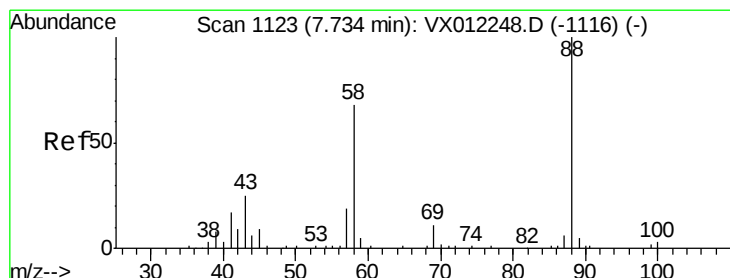
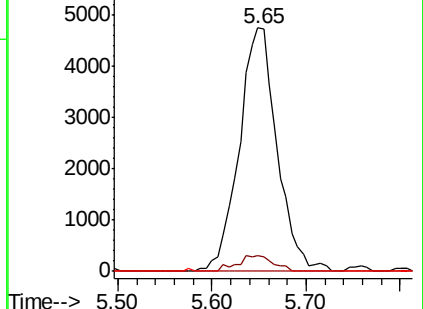
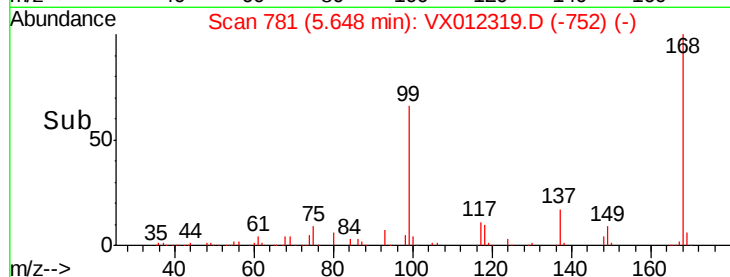
121 0.0 24.7 37.1#



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



#49

1,4-Dioxane

Concen: 1.637 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX012319.D

Acq: 11 Sep 2019 23:57

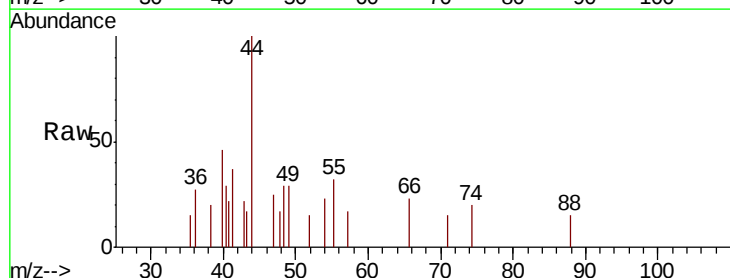
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 1305.3 31.0 46.4#

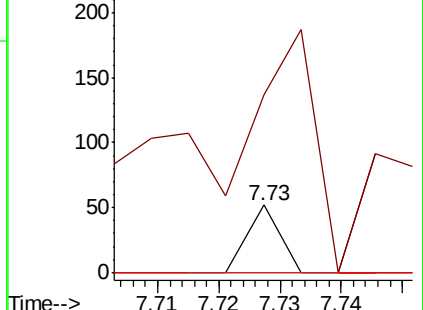
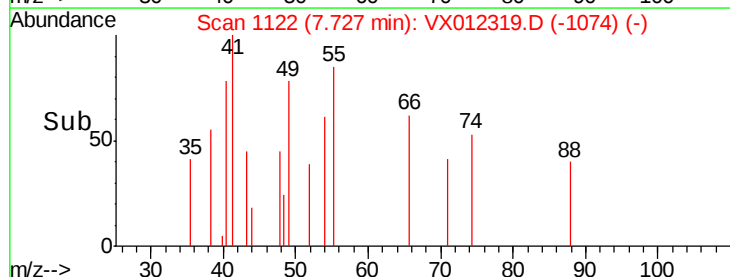
58 0.0 61.5 92.3#

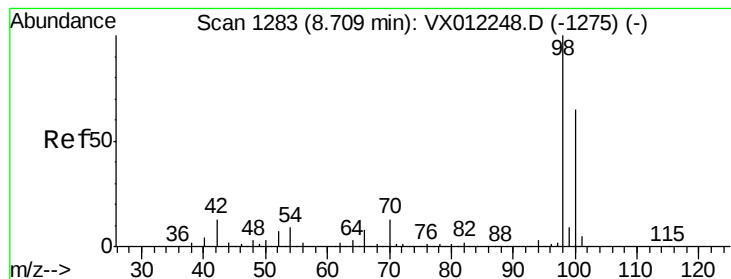


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 52.527 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012319.D

Acq: 11 Sep 2019 23:57

Instrument :

MSVOA_X

ClientSampleId :

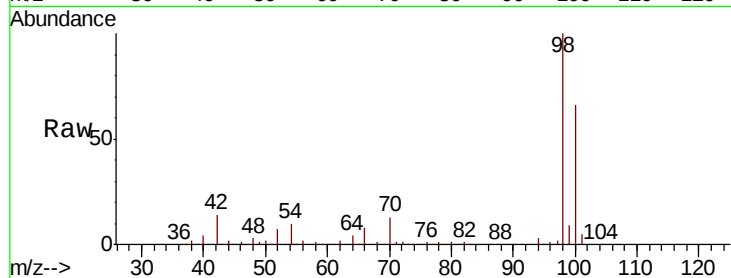
RT3860

Tgt Ion: 98 Resp: 22328

Ion Ratio Lower Upper

98 100

100 66.5 54.1 81.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

150000

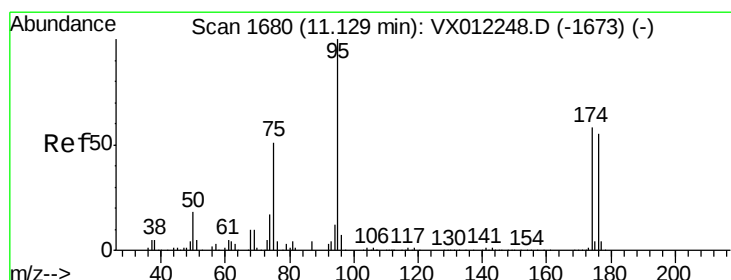
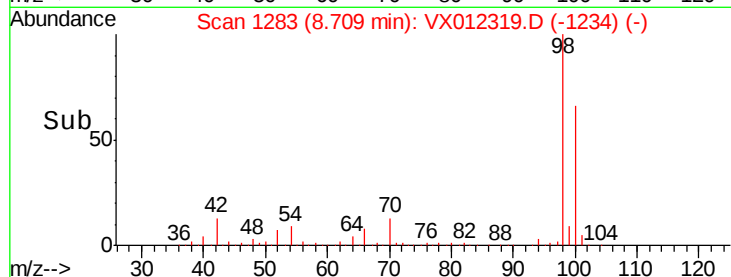
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 43.377 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX012319.D

Acq: 11 Sep 2019 23:57

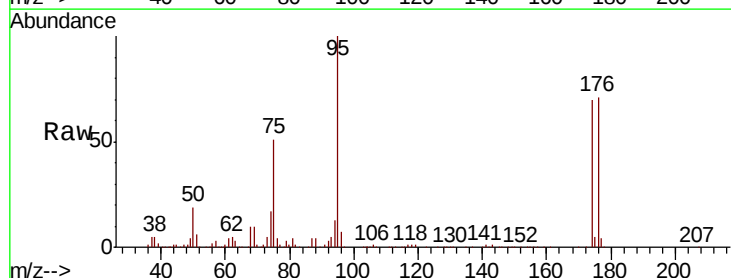
Tgt Ion: 95 Resp: 85501

Ion Ratio Lower Upper

95 100

174 66.7 0.0 127.0

176 64.2 0.0 125.8



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

11.14

80000

60000

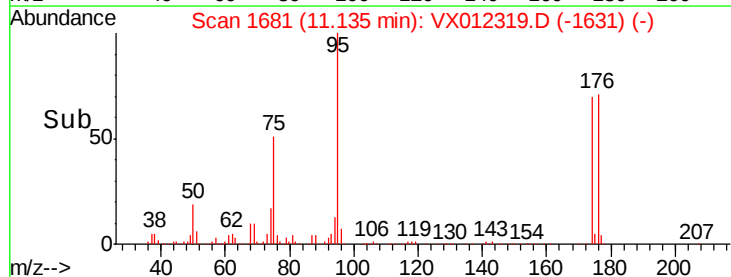
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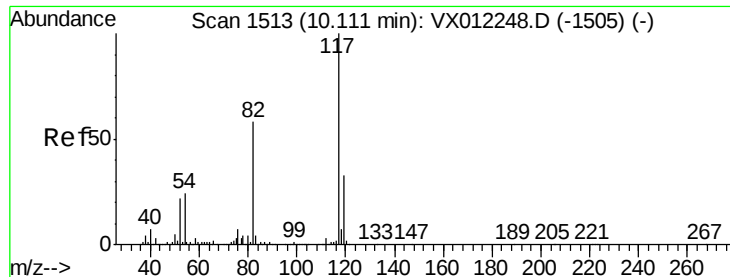
20000

0

11.05 11.10 11.15 11.20

Time-->

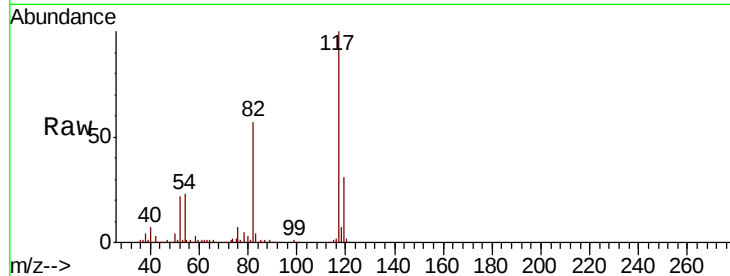




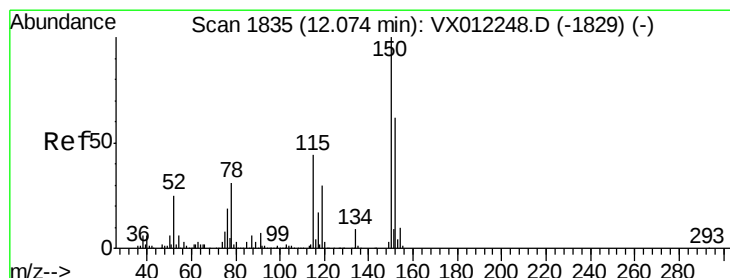
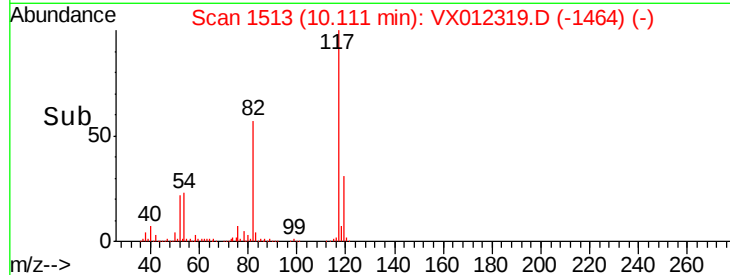
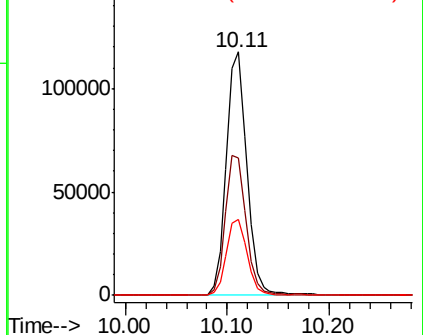
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012319.D
Acq: 11 Sep 2019 23:57

Instrument :
MSVOA_X
ClientSampleId :
RT3860

Tgt Ion:117 Resp: 164061
Ion Ratio Lower Upper
117 100
82 56.6 46.4 69.6
119 31.2 26.6 39.8

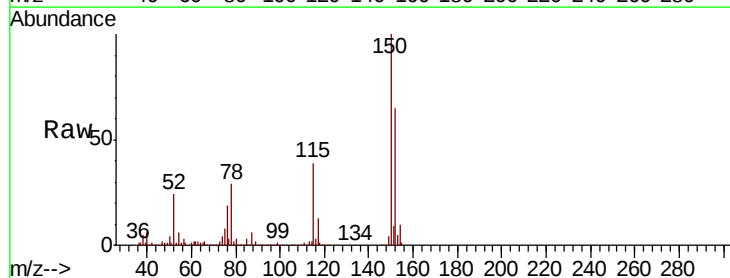


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

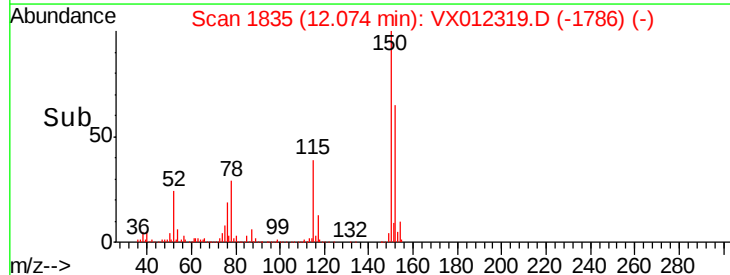
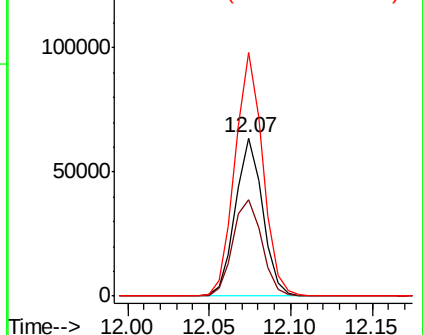


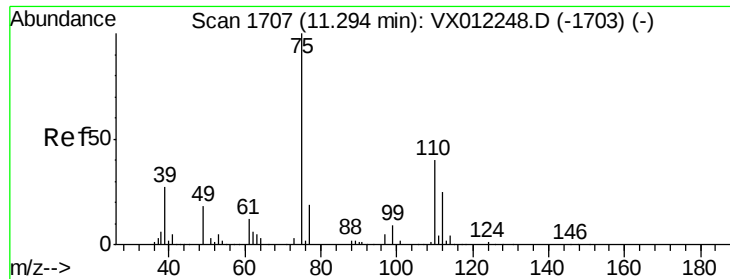
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012319.D
Acq: 11 Sep 2019 23:57

Tgt Ion:152 Resp: 74393
Ion Ratio Lower Upper
152 100
115 64.8 45.5 136.4
150 156.5 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: 46.232 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX012319.D

Acq: 11 Sep 2019 23:57

Instrument :

MSVOA_X

ClientSampleId :

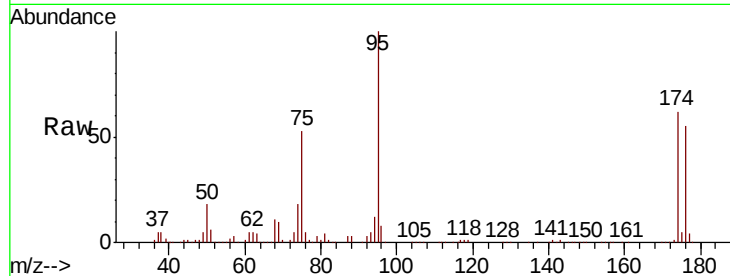
RT3860

Tgt Ion: 75 Resp: 44183

Ion Ratio Lower Upper

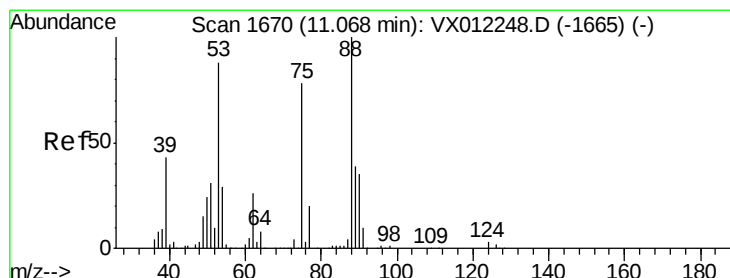
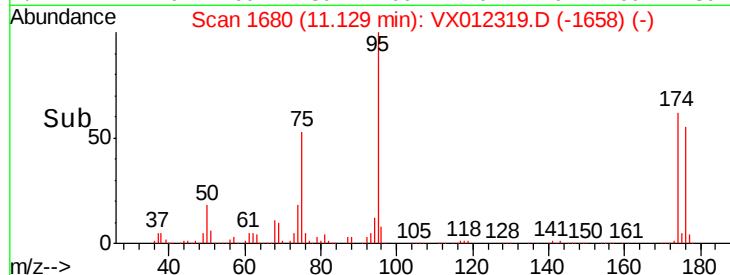
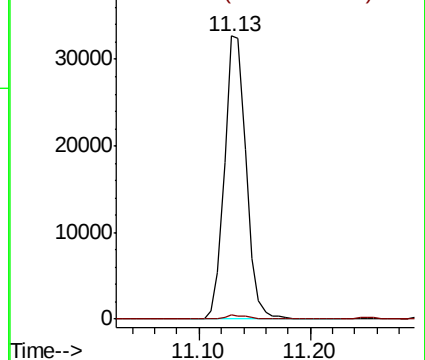
75 100

77 1.5 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: 138.520 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX012319.D

Acq: 11 Sep 2019 23:57

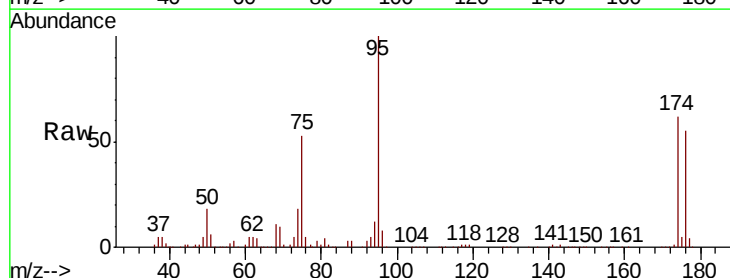
Tgt Ion: 75 Resp: 44183

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

