

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090419\
 Data File : VX012064.D
 Acq On : 04 Sep 2019 20:55
 Operator : SY/SP
 Sample : K4545-02
 Misc : 5.54g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T16-17-E3-(0)

Quant Time: Sep 05 05:26:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

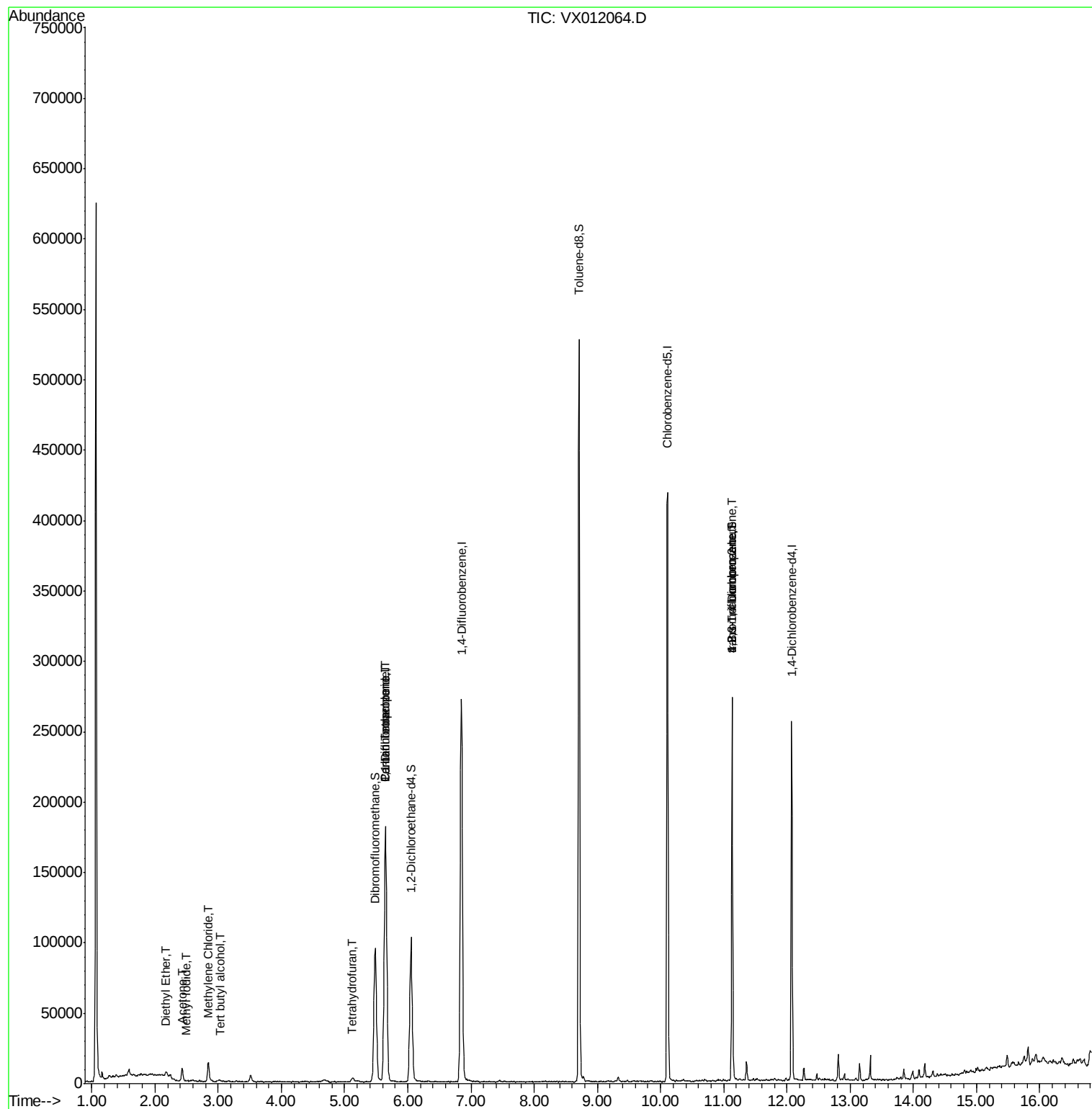
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	153570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	264445	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	184281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	47105	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	102372	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
35) Dibromofluoromethane	5.48	113	81303	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
50) Toluene-d8	8.71	98	299514	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	11.14	95	78035	28.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	56.24%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.17	74	940	1.283	ug/l	83
10) Methyl Iodide	2.50	142	22	7.000	ug/l #	40
11) Tert butyl alcohol	3.03	59	1369	6.726	ug/l #	51
13) Acrolein	2.28	56	189	Below Cal	#	12
16) Acetone	2.43	43	10030	19.803	ug/l	100
20) Methylene Chloride	2.84	84	6487	3.190	ug/l	96
29) Tetrahydrofuran	5.12	42	2902	7.471	ug/l #	83
36) 1,1-Dichloropropene	5.65	75	14157	6.078	ug/l #	49
38) Carbon Tetrachloride	5.65	117	18047	7.353	ug/l #	15
76) 1,2,3-Trichloropropane	11.14	75	40181	69.813	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.14	75	40181	165.049	ug/l #	10

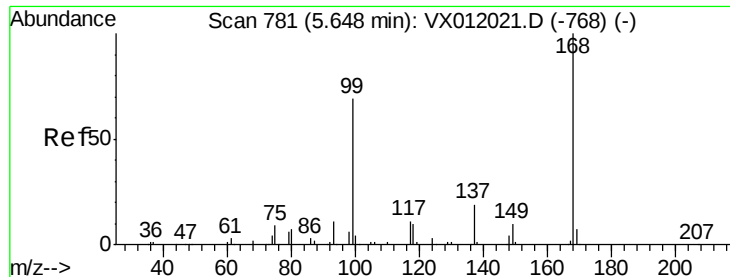
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090419\
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Quant Time: Sep 05 05:26:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 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: VX012064.D

Acq: 04 Sep 2019 20:55

Instrument :

MSVOA_X

ClientSampleId :

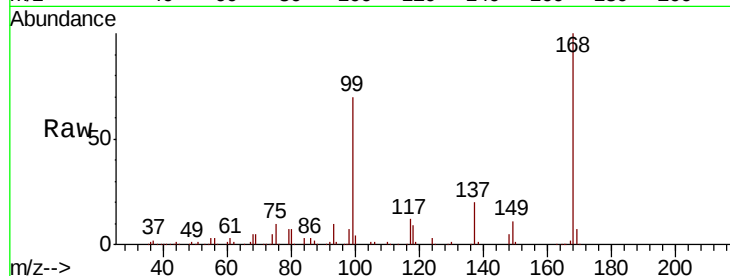
T16-17-E3-(0)

Tgt Ion:168 Resp: 153570

Ion Ratio Lower Upper

168 100

99 70.5 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

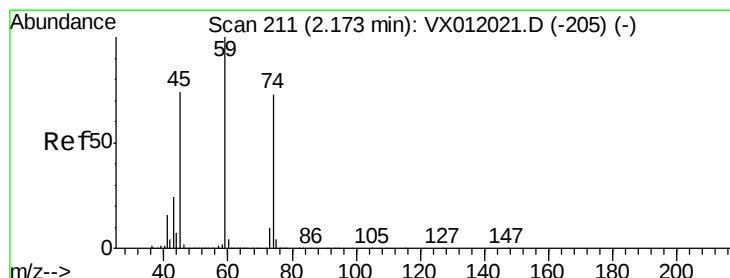
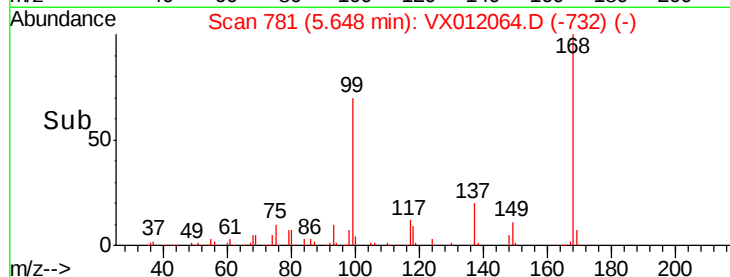
30000

20000

10000

0

Time--> 5.50 5.60 5.70



#8

Diethyl Ether

Concen: 1.283 ug/l

RT: 2.17 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX012064.D

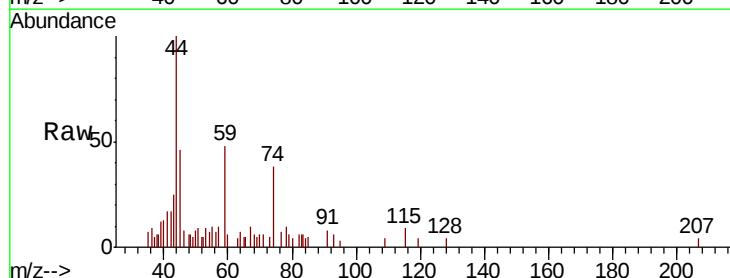
Acq: 04 Sep 2019 20:55

Tgt Ion: 74 Resp: 940

Ion Ratio Lower Upper

74 100

45 107.7 45.9 137.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.17

800

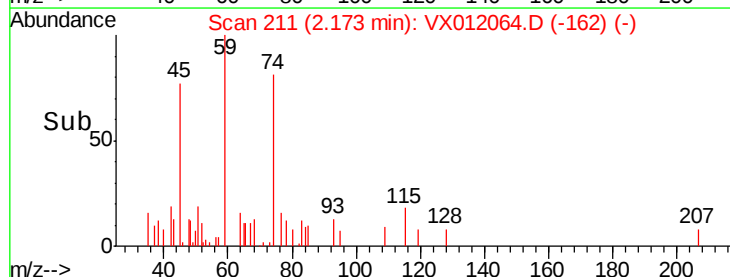
600

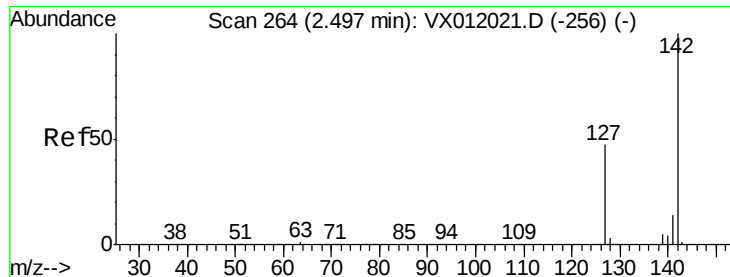
400

200

0

Time--> 2.10 2.15 2.20 2.25

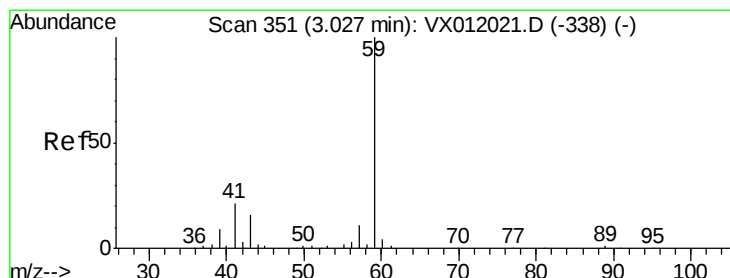
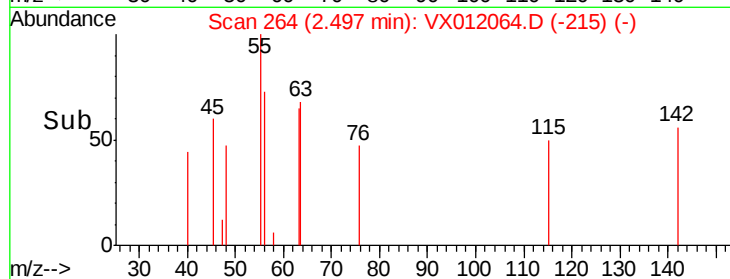
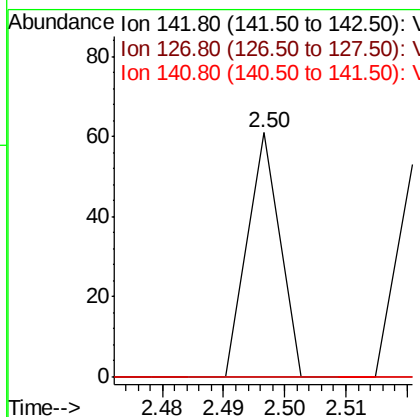
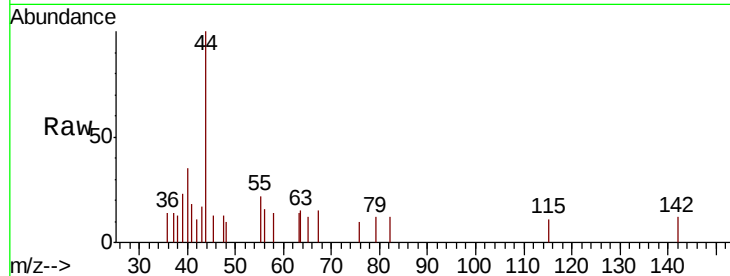




#10
Methyl Iodide
Concen: 7.000 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX012064.D
Acq: 04 Sep 2019 20:55

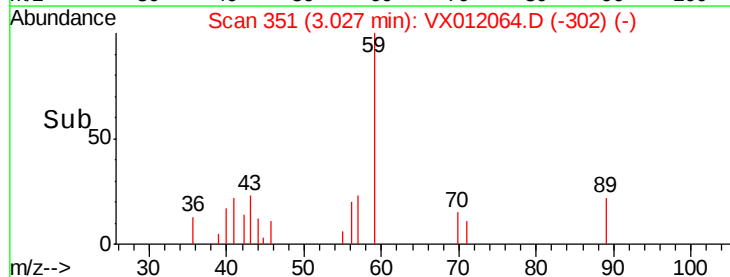
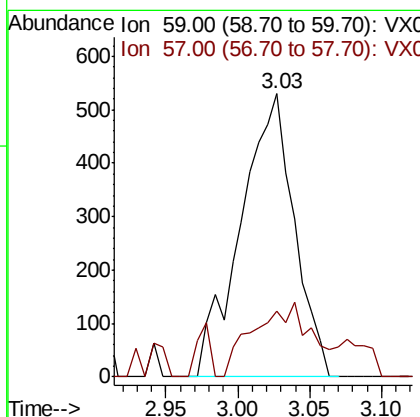
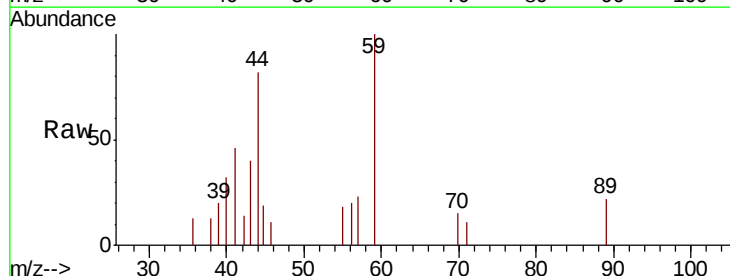
Instrument :
MSVOA_X
ClientSampleId :
T16-17-E3-(0)

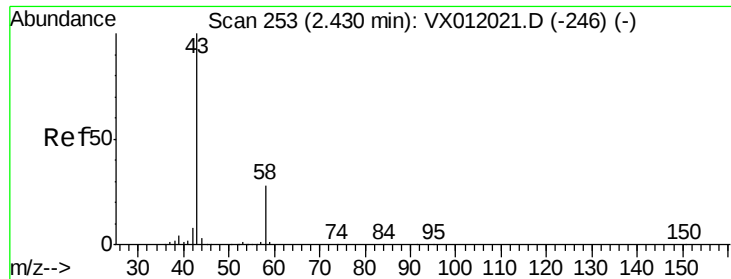
Tgt Ion: 142 Resp: 22
Ion Ratio Lower Upper
142 100
127 0.0 35.4 53.2#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 6.726 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX012064.D
Acq: 04 Sep 2019 20:55

Tgt Ion: 59 Resp: 1369
Ion Ratio Lower Upper
59 100
57 28.0 7.9 11.9#





#16

Acetone

Concen: 19.803 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012064.D

Acq: 04 Sep 2019 20:55

Instrument :

MSVOA_X

ClientSampleId :

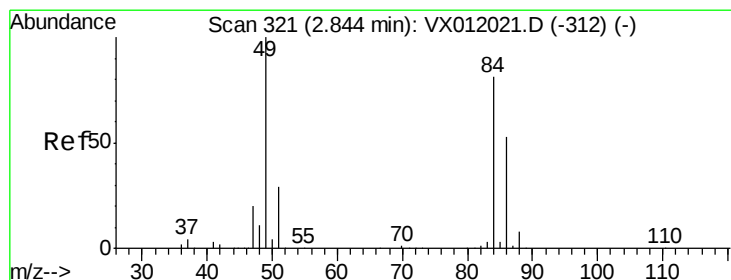
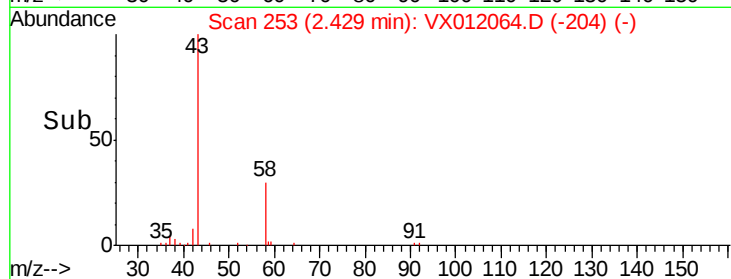
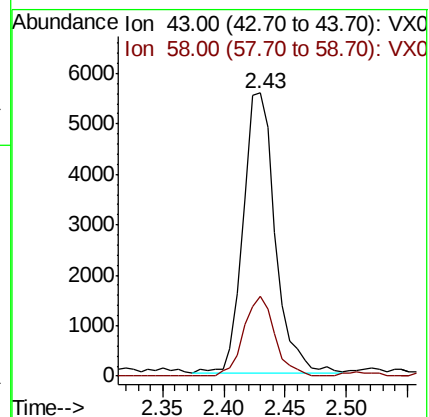
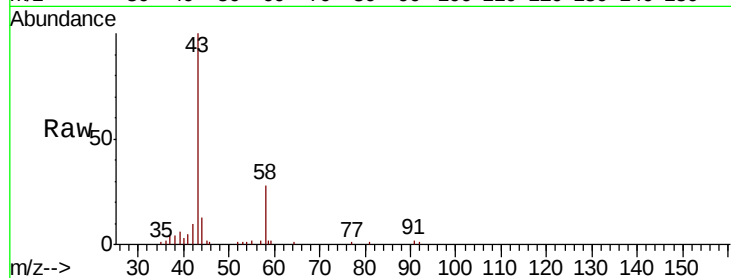
T16-17-E3-(0)

Tgt Ion: 43 Resp: 10030

Ion Ratio Lower Upper

43 100

58 28.7 22.8 34.2



#20

Methylene Chloride

Concen: 3.190 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012064.D

Acq: 04 Sep 2019 20:55

Tgt Ion: 84 Resp: 6487

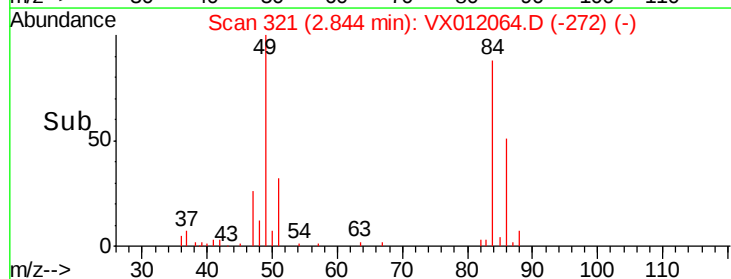
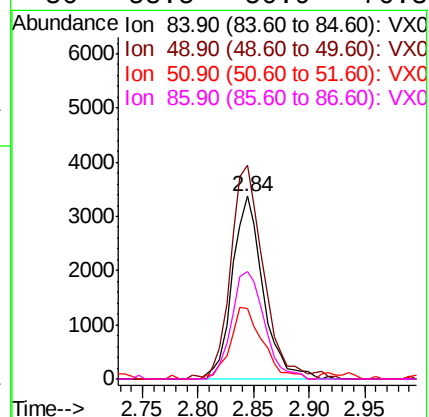
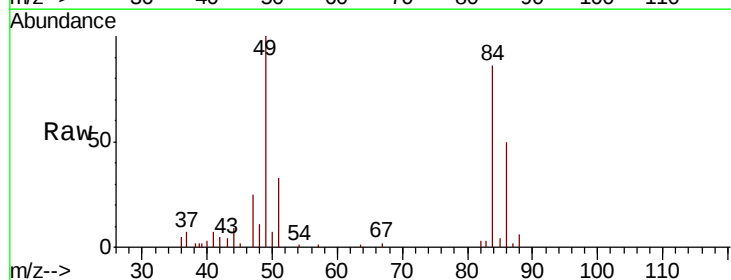
Ion Ratio Lower Upper

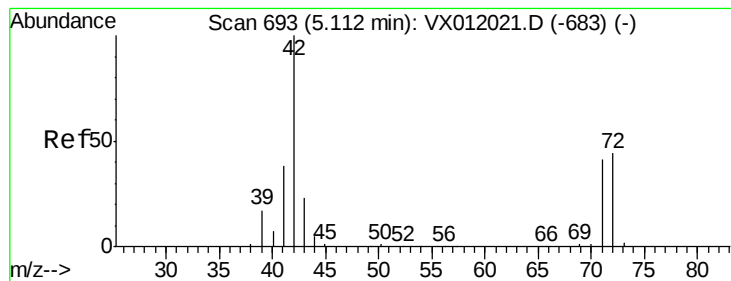
84 100

49 116.7 95.8 143.8

51 38.7 28.6 43.0

86 58.5 50.9 76.3





#29

Tetrahydrofuran

Concen: 7.471 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012064.D

Acq: 04 Sep 2019 20:55

Instrument :

MSVOA_X

ClientSampleId :

T16-17-E3-(0)

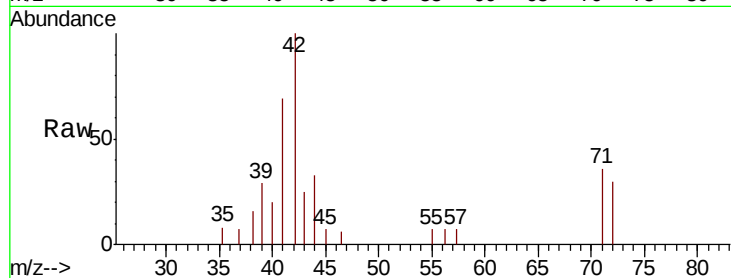
Tgt Ion: 42 Resp: 2902

Ion Ratio Lower Upper

42 100

72 45.4 37.0 55.4

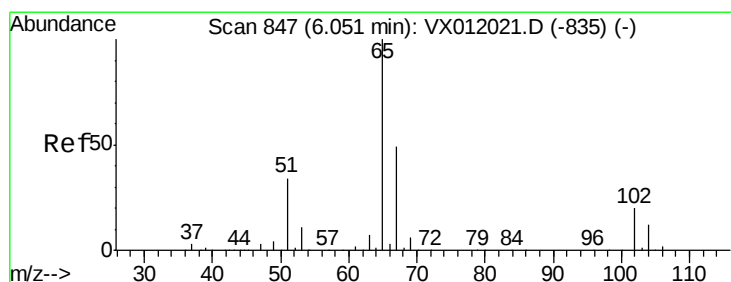
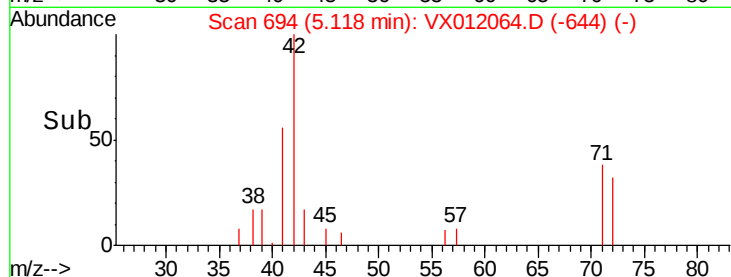
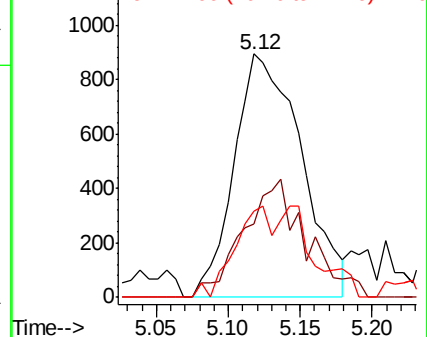
71 20.5 33.8 50.8#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.312 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX012064.D

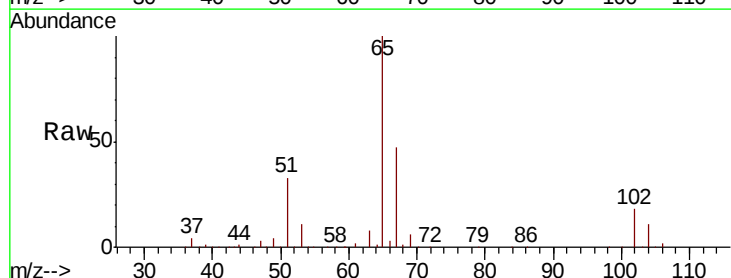
Acq: 04 Sep 2019 20:55

Tgt Ion: 65 Resp: 102372

Ion Ratio Lower Upper

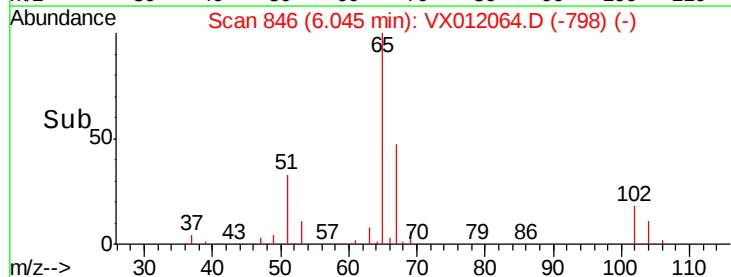
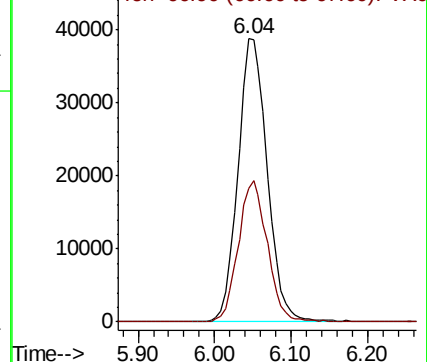
65 100

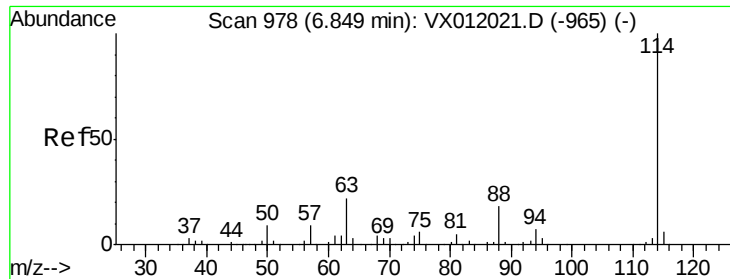
67 49.3 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

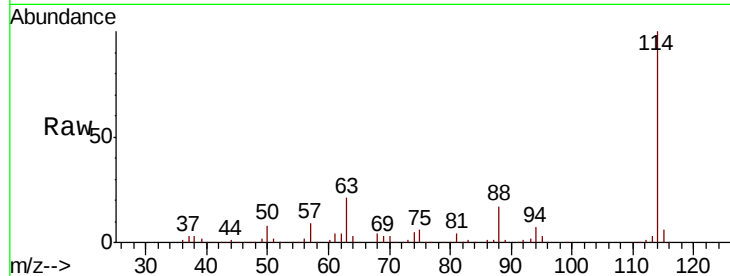




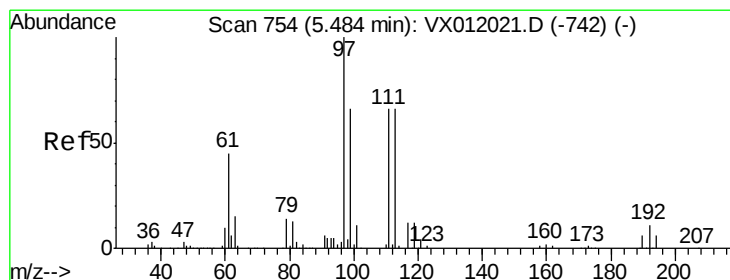
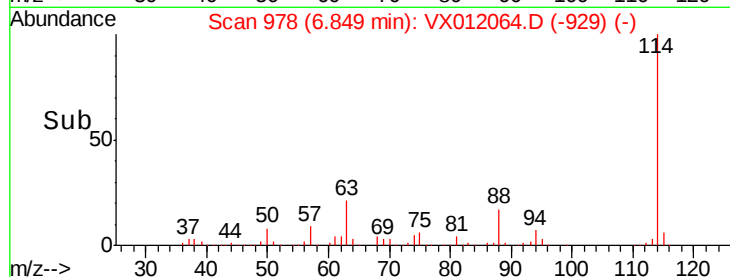
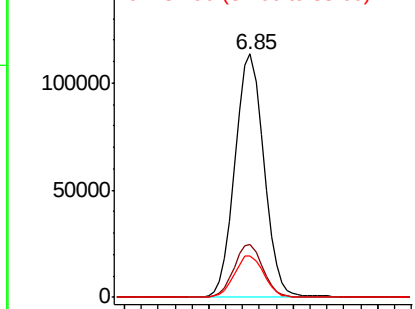
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012064.D
 Acq: 04 Sep 2019 20:55

Instrument :
 MSVOA_X
 ClientSampleId :
 T16-17-E3-(0)

Tgt Ion:114 Resp: 264445
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 37.4
 88 17.2 0.0 29.6

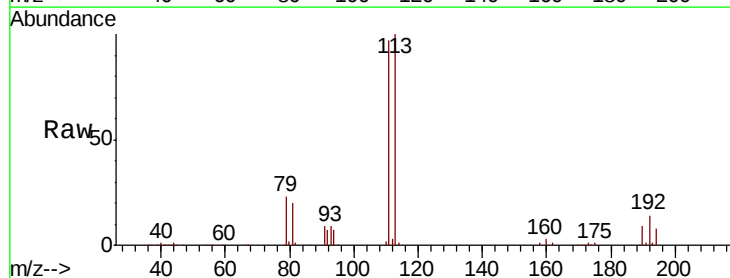


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

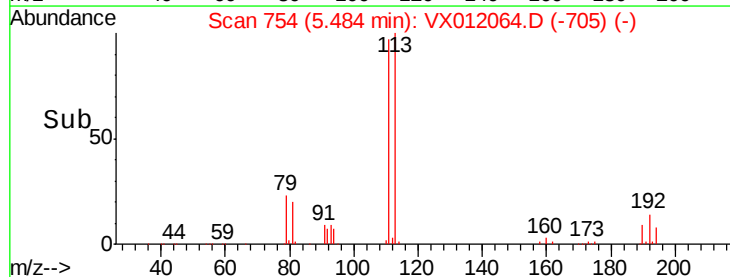
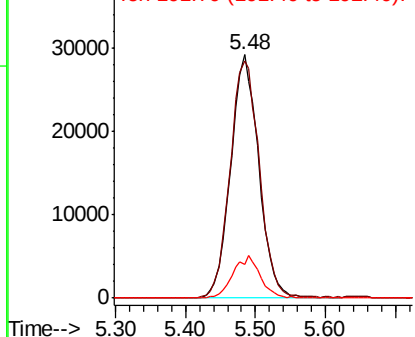


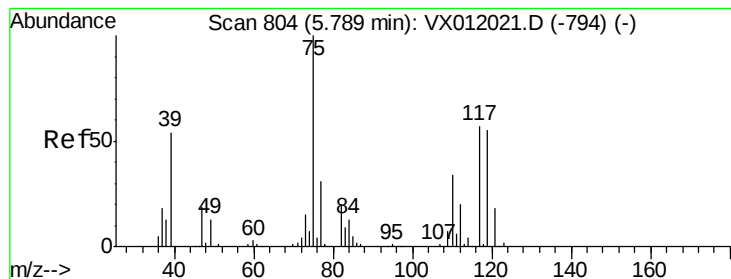
#35
 Dibromofluoromethane
 Concen: 49.994 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012064.D
 Acq: 04 Sep 2019 20:55

Tgt Ion:113 Resp: 81303
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.7 122.5
 192 17.0 22.5 33.7#



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: 6.078 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX012064.D

Acq: 04 Sep 2019 20:55

Instrument :

MSVOA_X

ClientSampleId :

T16-17-E3-(0)

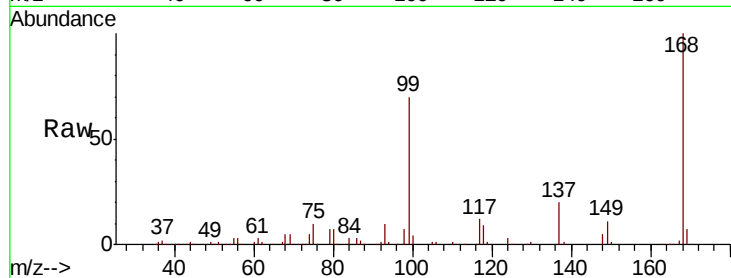
Tgt Ion: 75 Resp: 14157

Ion Ratio Lower Upper

75 100

110 10.1 19.5 58.5#

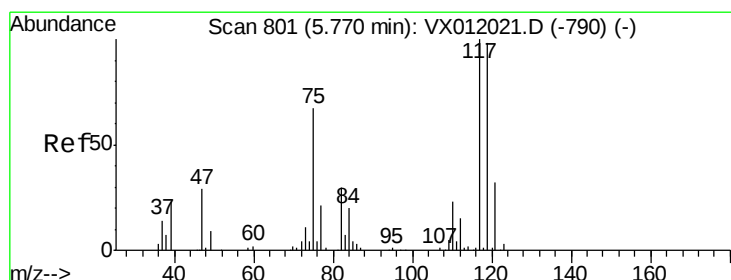
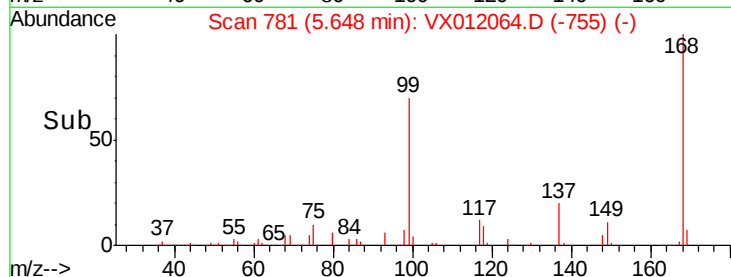
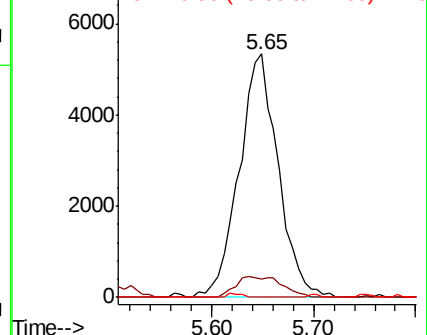
77 0.0 24.6 37.0#



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: 7.353 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.12 min

Lab File: VX012064.D

Acq: 04 Sep 2019 20:55

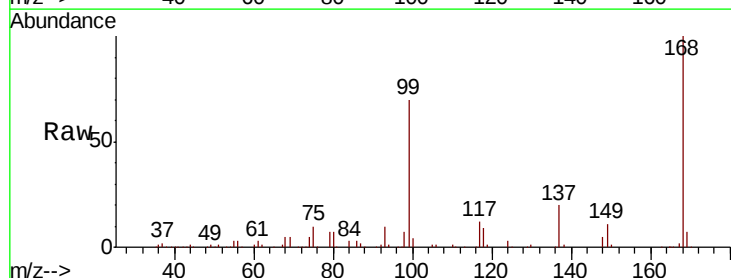
Tgt Ion: 117 Resp: 18047

Ion Ratio Lower Upper

117 100

119 4.4 78.3 117.5#

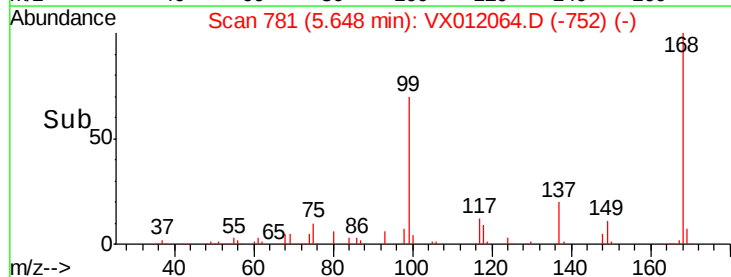
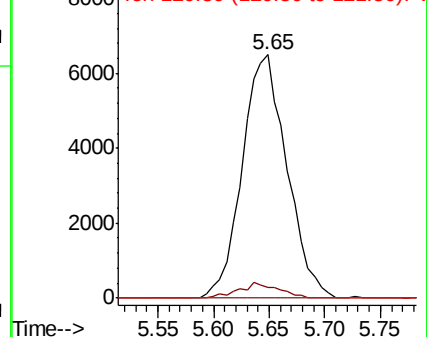
121 0.0 24.2 36.2#

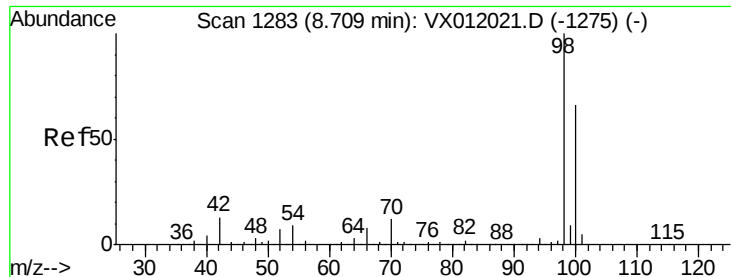


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 50.190 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012064.D

Acq: 04 Sep 2019 20:55

Instrument :

MSVOA_X

ClientSampleId :

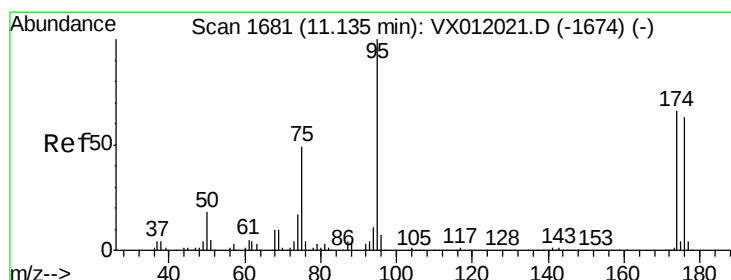
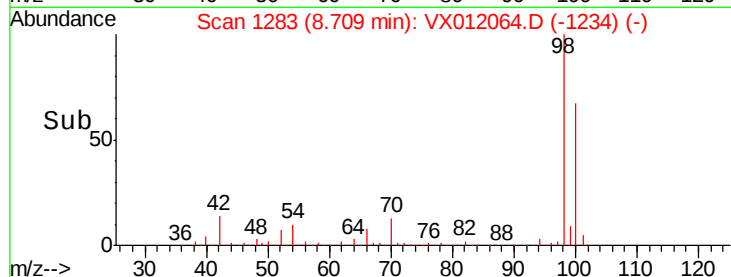
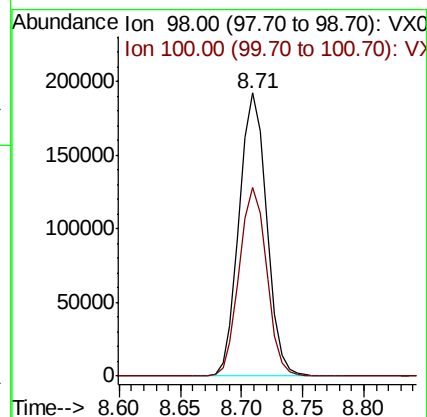
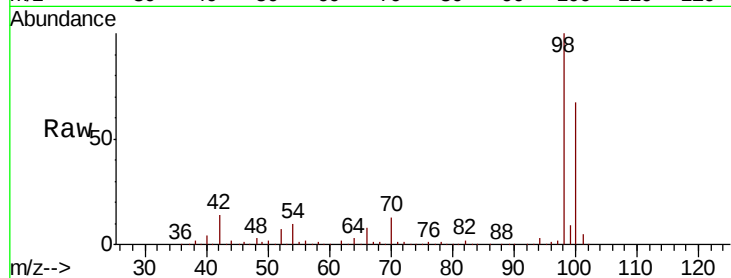
T16-17-E3-(0)

Tgt Ion: 98 Resp: 299514

Ion Ratio Lower Upper

98 100

100 66.5 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 28.118 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012064.D

Acq: 04 Sep 2019 20:55

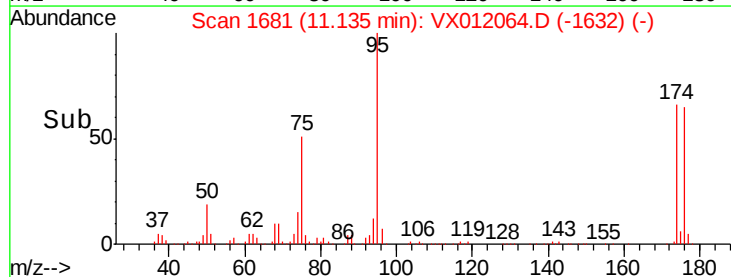
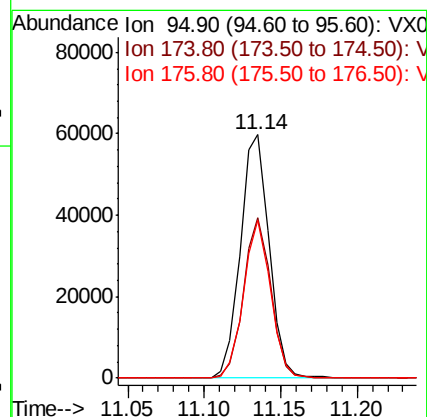
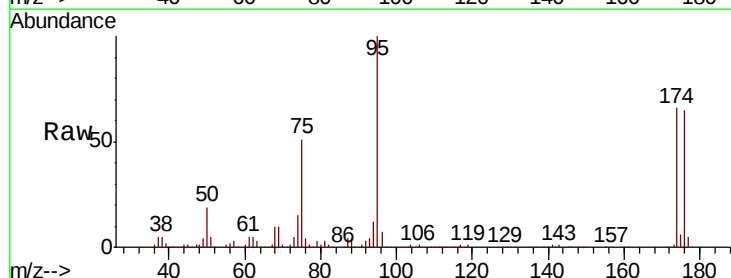
Tgt Ion: 95 Resp: 78035

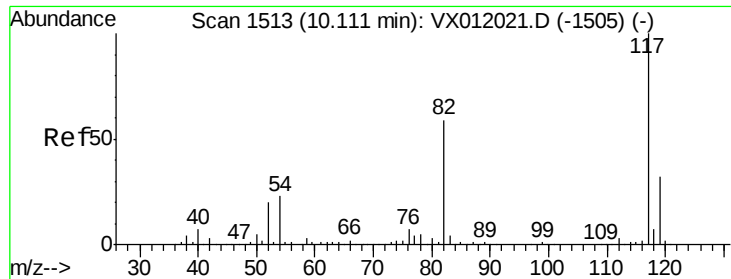
Ion Ratio Lower Upper

95 100

174 62.8 0.0 205.4

176 60.9 0.0 201.8

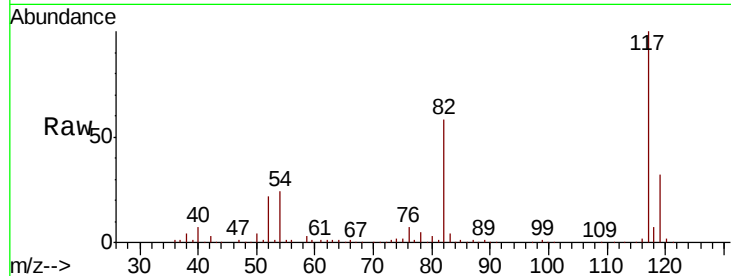




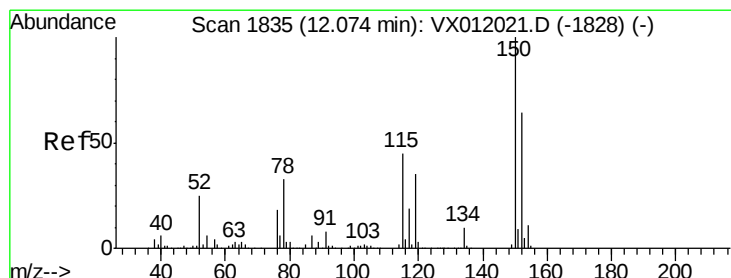
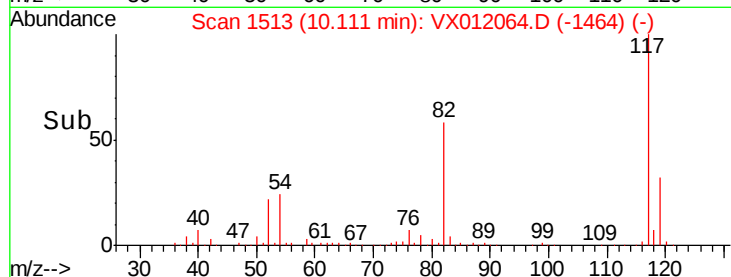
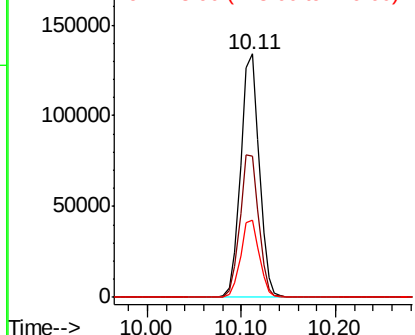
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012064.D
Acq: 04 Sep 2019 20:55

Instrument :
MSVOA_X
ClientSampleId :
T16-17-E3-(0)

Tgt Ion:117 Resp: 184281
Ion Ratio Lower Upper
117 100
82 57.9 39.4 59.0
119 31.7 26.1 39.1

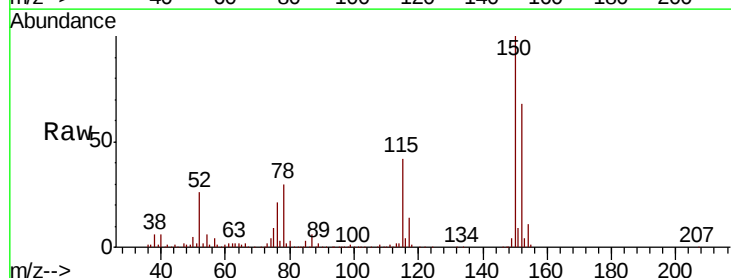


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

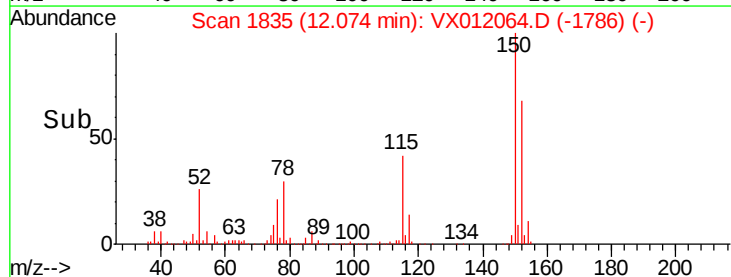
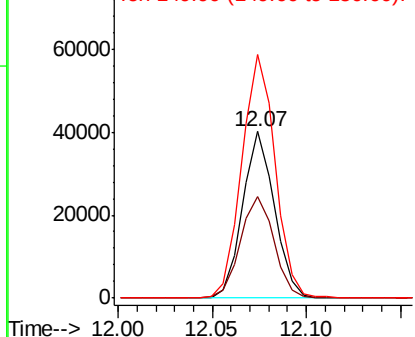


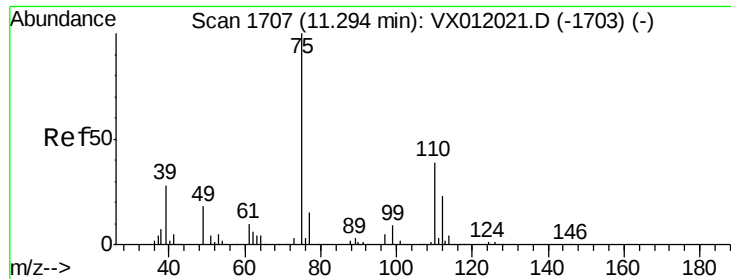
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012064.D
Acq: 04 Sep 2019 20:55

Tgt Ion:152 Resp: 47105
Ion Ratio Lower Upper
152 100
115 64.9 36.4 109.3
150 152.9 0.0 341.2



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

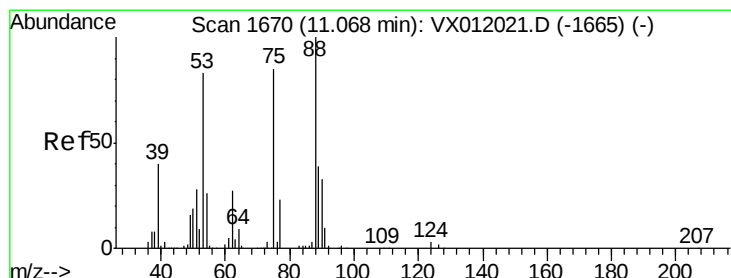
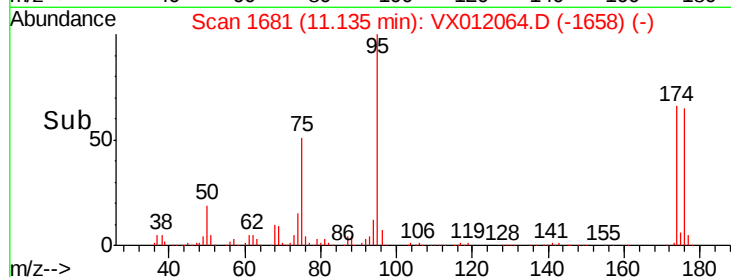
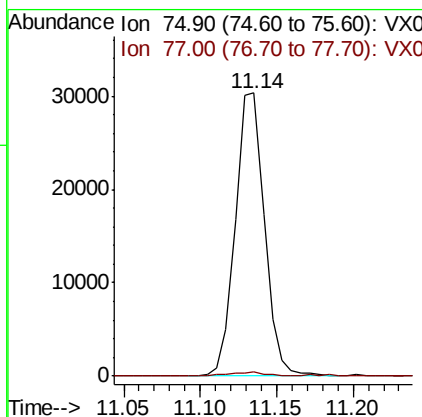
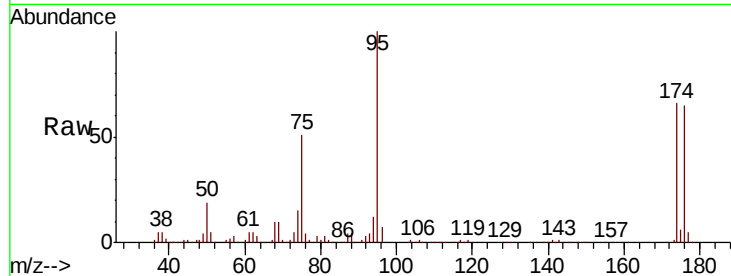




#76
 1,2,3-Trichloropropane
 Concen: 69.813 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.16 min
 Lab File: VX012064.D
 Acq: 04 Sep 2019 20:55

Instrument :
 MSVOA_X
 ClientSampleId :
 T16-17-E3-(0)

Tgt Ion: 75 Resp: 40181
 Ion Ratio Lower Upper
 75 100
 77 2.0 23.5 70.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 165.049 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.07 min
 Lab File: VX012064.D
 Acq: 04 Sep 2019 20:55

Tgt Ion: 75 Resp: 40181
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.6 117.8#
 89 0.2 38.8 58.2#

