

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100119\
 Data File : VX012724.D
 Acq On : 01 Oct 2019 11:39
 Operator : JC/SP
 Sample : VX1001WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 02 01:44:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	168920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	290024	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	241757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	90320	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	116186	47.23	ug/l	0.00
Spiked Amount			Recovery	=	94.46%	
35) Dibromofluoromethane	5.48	113	87160	50.46	ug/l	0.00
Spiked Amount			Recovery	=	100.92%	
50) Toluene-d8	8.71	98	341226	51.30	ug/l	0.00
Spiked Amount			Recovery	=	102.60%	
62) 4-Bromofluorobenzene	11.14	95	112471	43.00	ug/l	0.00
Spiked Amount			Recovery	=	86.00%	

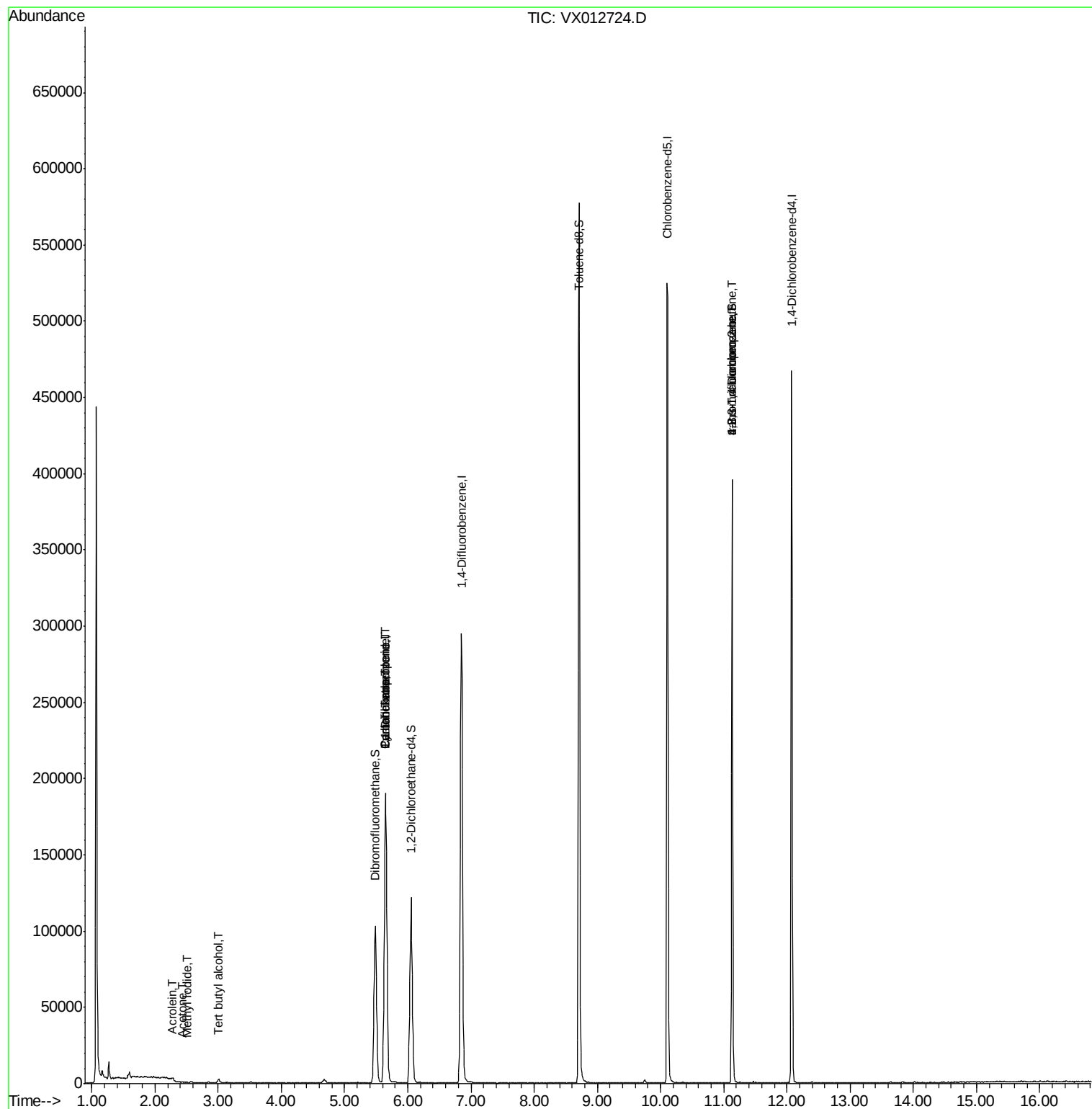
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.50	142	268	5.077	ug/l #	90
11) Tert butyl alcohol	3.01	59	1697	2.762	ug/l #	72
13) Acrolein	2.26	56	189	10.762	ug/l #	77
16) Acetone	2.43	43	486	0.373	ug/l #	80
31) Cyclohexane	5.65	56	3867	1.129	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	14902	5.331	ug/l #	51
38) Carbon Tetrachloride	5.65	117	17926	6.313	ug/l #	17
76) 1,2,3-Trichloropropane	11.14	75	57942	24.252	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	57942	69.500	ug/l #	8

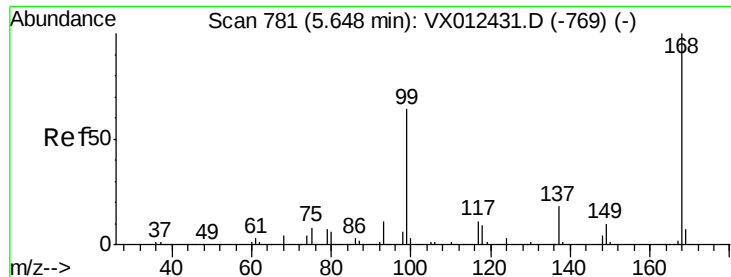
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100119\
Data File : VX012724.D
Acq On : 01 Oct 2019 11:39
Operator : JC/SP
Sample : VX1001WBL01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 02 01:44:34 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 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: VX012724.D

Acq: 01 Oct 2019 11:39

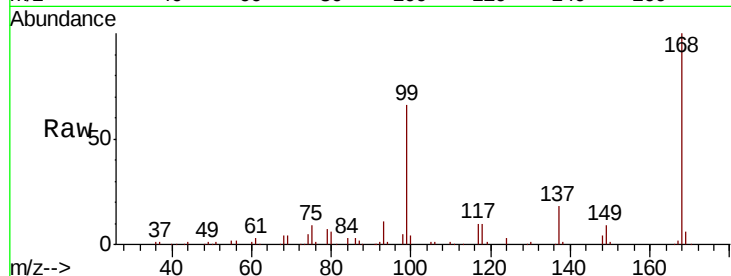
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 168920

Ion Ratio Lower Upper

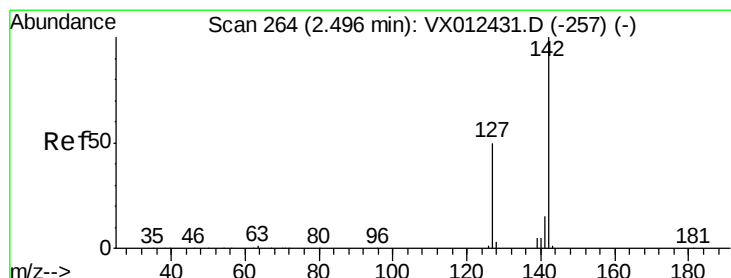
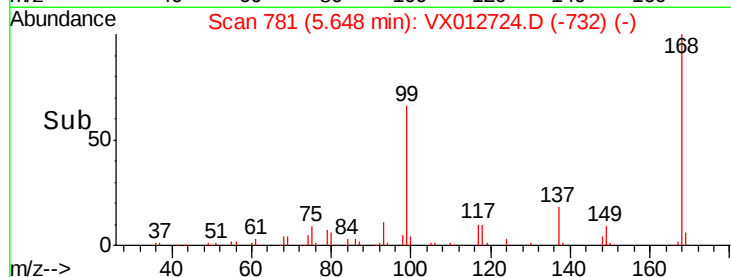
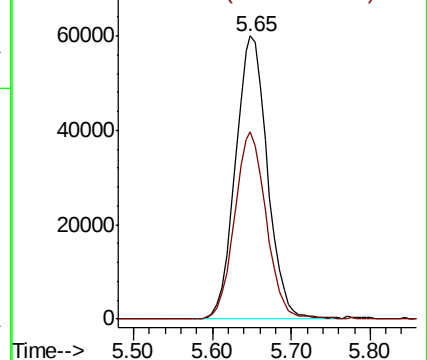
168 100

99 66.3 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 5.077 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012724.D

Acq: 01 Oct 2019 11:39

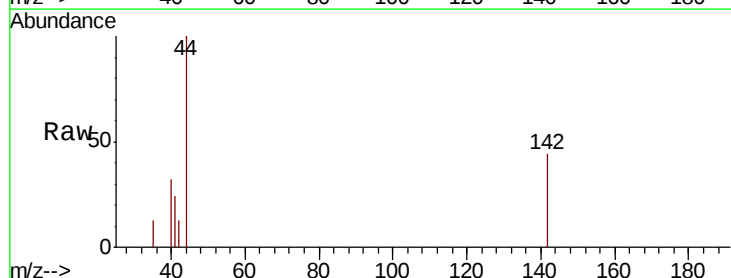
Tgt Ion:142 Resp: 268

Ion Ratio Lower Upper

142 100

127 52.6 40.8 61.2

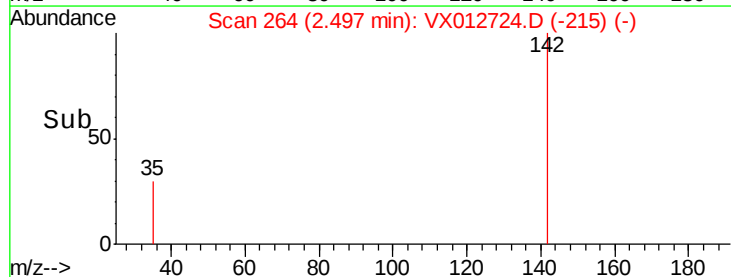
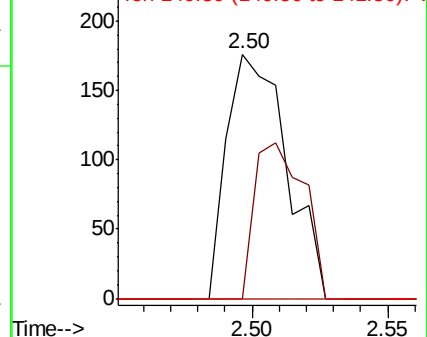
141 0.0 12.1 18.1#

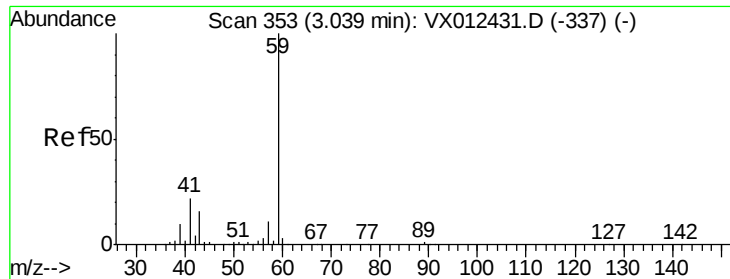


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

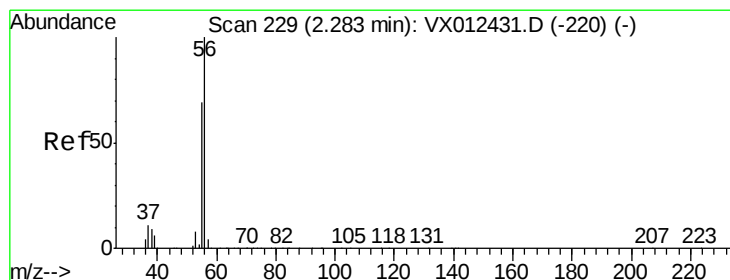
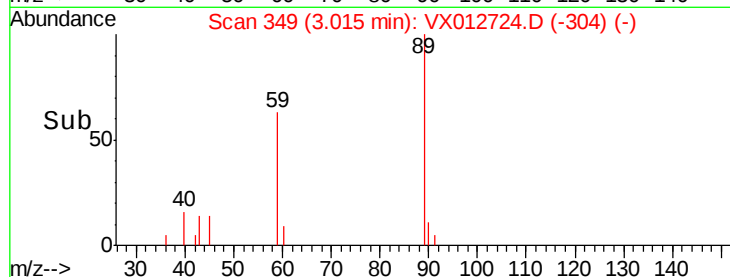
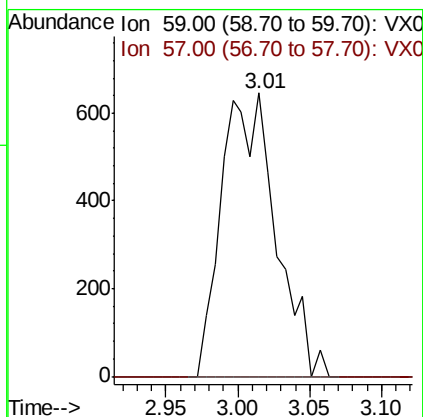
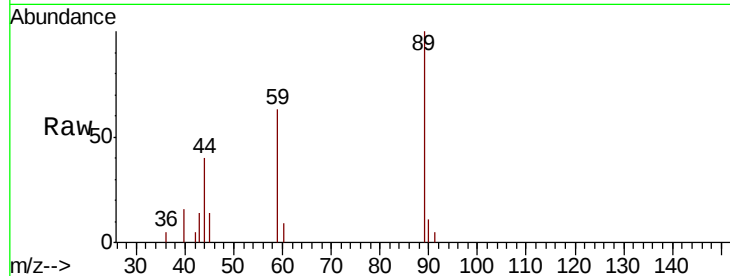




#11
Tert butyl alcohol
Concen: 2.762 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.02 min
Lab File: VX012724.D
Acq: 01 Oct 2019 11:39

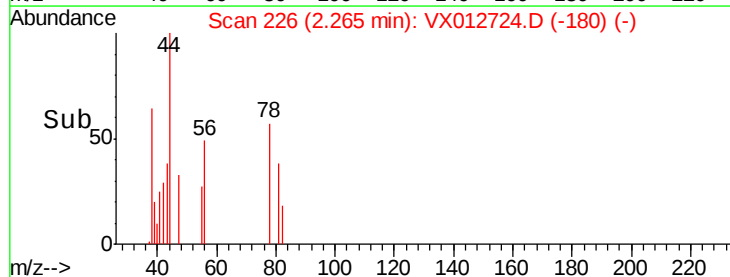
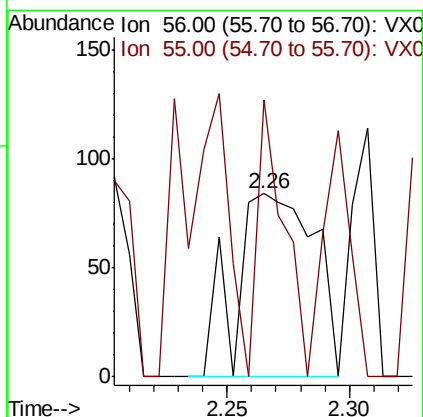
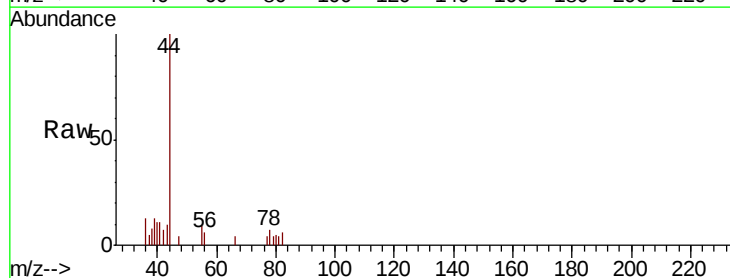
Instrument :
MSVOA_X
ClientSampleId :

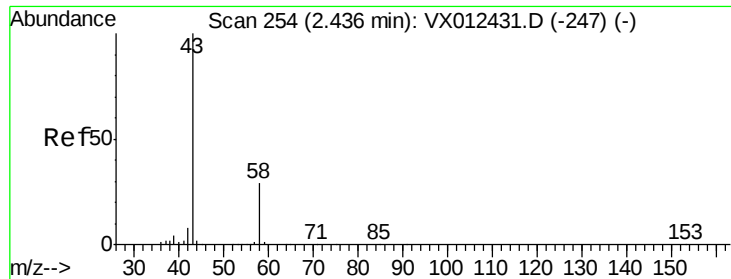
Tot Ion: 59 Resp: 1697
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 10.762 ug/l
RT: 2.26 min Scan# 226
Delta R.T. -0.02 min
Lab File: VX012724.D
Acq: 01 Oct 2019 11:39

Tgt Ion: 56 Resp: 189
Ion Ratio Lower Upper
56 100
55 50.8 55.8 83.8#





#16

Acetone

Concen: 0.373 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012724.D

Acq: 01 Oct 2019 11:39

Instrument :

MSVOA_X

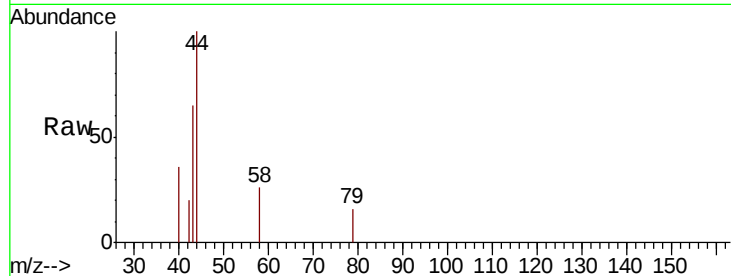
ClientSampleId :

Tot Ion: 43 Resp: 486

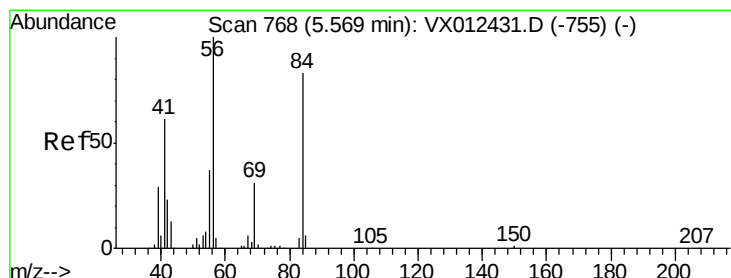
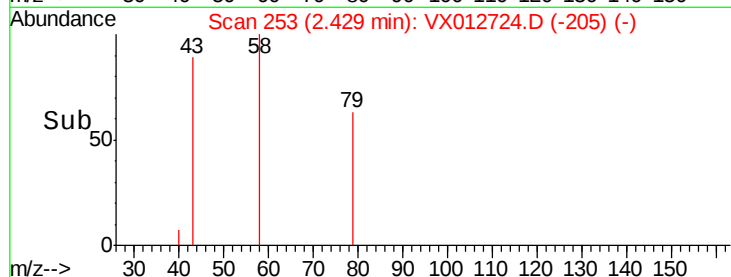
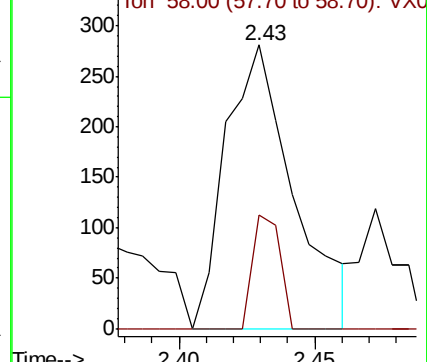
Ion Ratio Lower Upper

43 100

58 39.9 23.3 34.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0



#31

Cyclohexane

Concen: 1.129 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.08 min

Lab File: VX012724.D

Acq: 01 Oct 2019 11:39

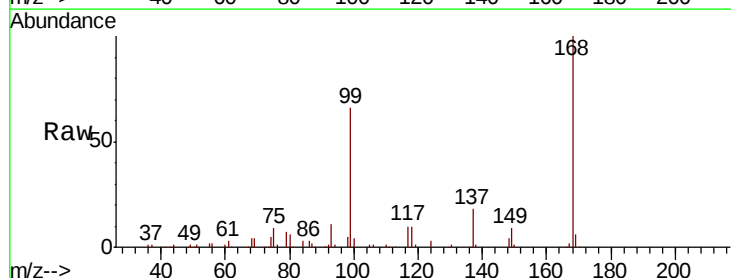
Tgt Ion: 56 Resp: 3867

Ion Ratio Lower Upper

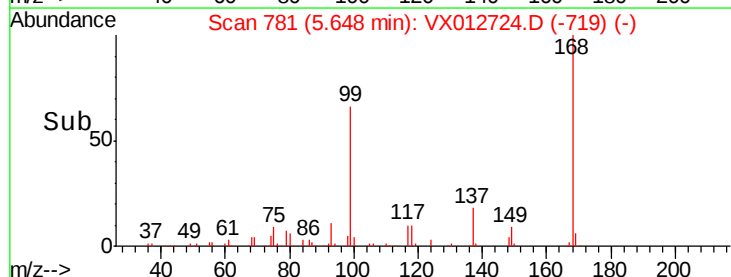
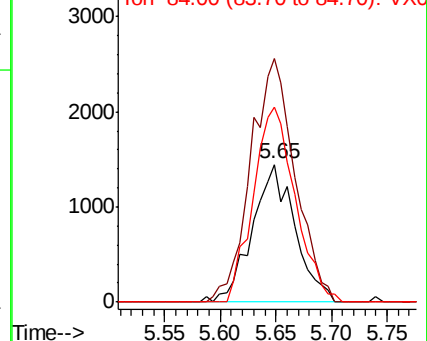
56 100

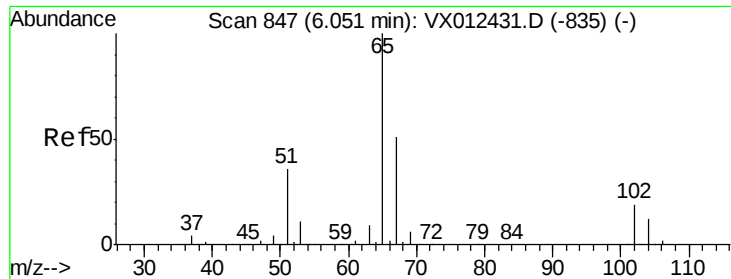
69 177.1 25.0 37.6#

84 142.1 66.4 99.6#



Abundance Ion 56.00 (55.70 to 56.70): VX0

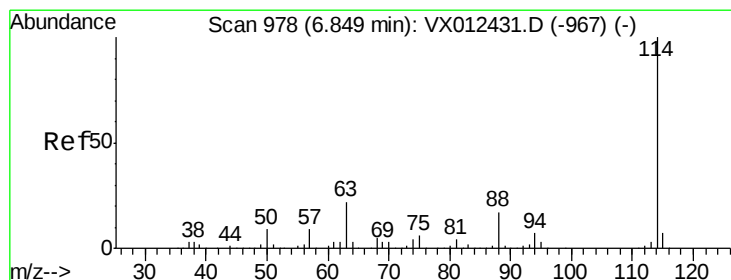
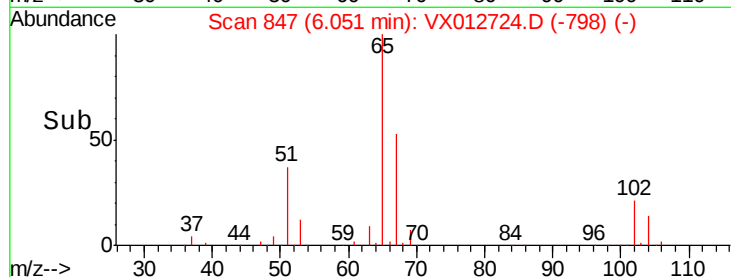
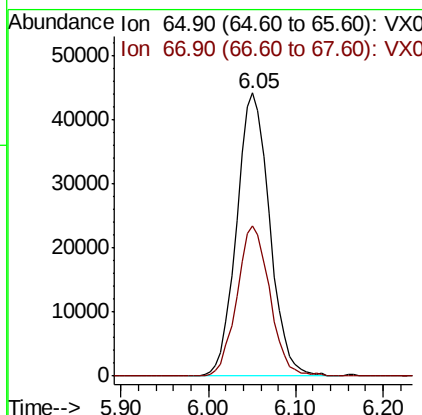
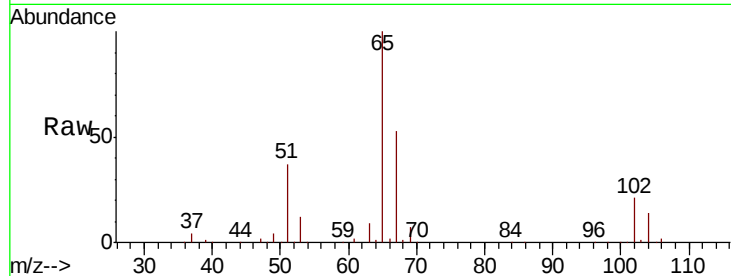




#33
 1,2-Dichloroethane-d4
 Concen: 47.234 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012724.D
 Acq: 01 Oct 2019 11:39

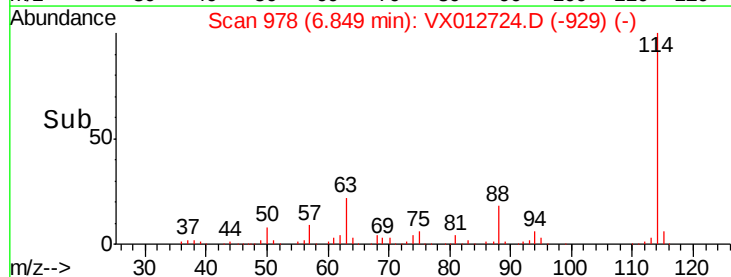
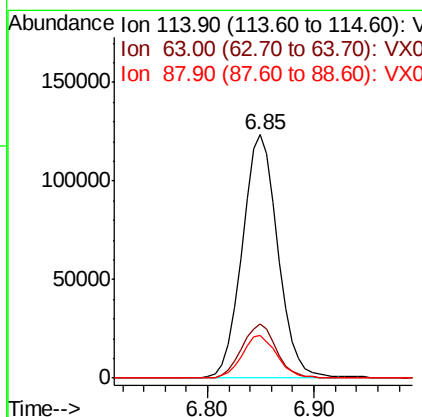
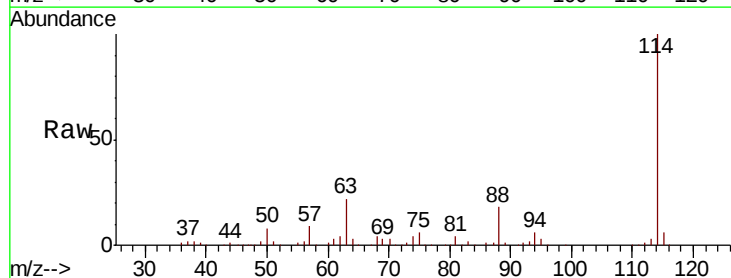
Instrument :
 MSVOA_X
 ClientSampleId :

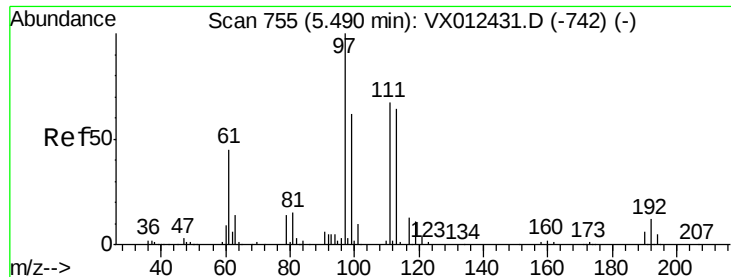
Tot Ion: 65 Resp: 116186
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012724.D
 Acq: 01 Oct 2019 11:39

Tgt Ion: 114 Resp: 290024
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.2
 88 17.7 0.0 33.2

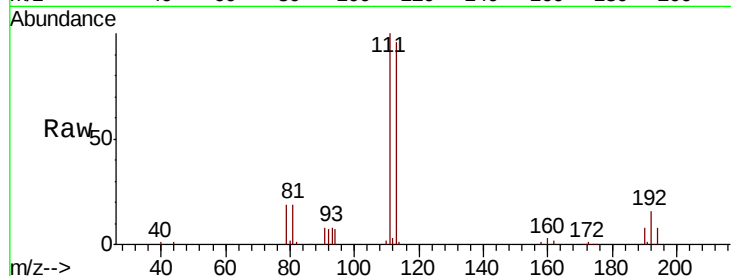




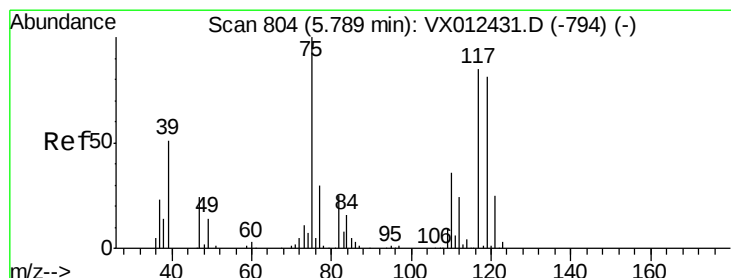
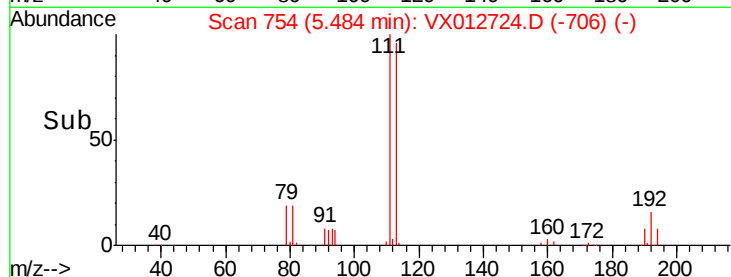
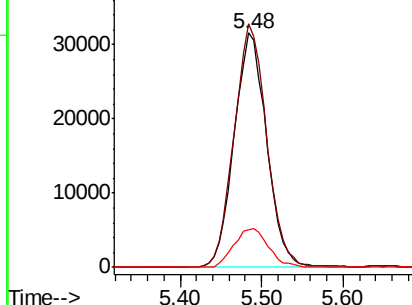
#35
 Dibromofluoromethane
 Concen: 50.463 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX012724.D
 Acq: 01 Oct 2019 11:39

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:113 Resp: 87160
 Ion Ratio Lower Upper
 113 100
 111 103.9 83.4 125.2
 192 17.5 14.4 21.6

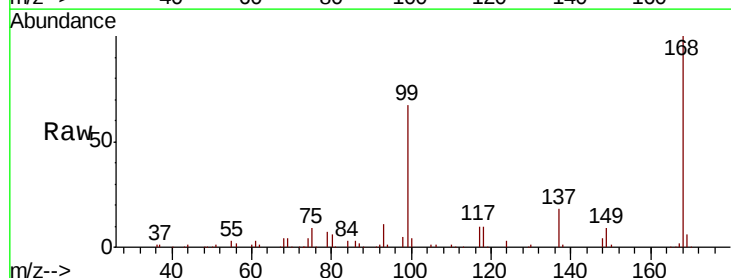


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

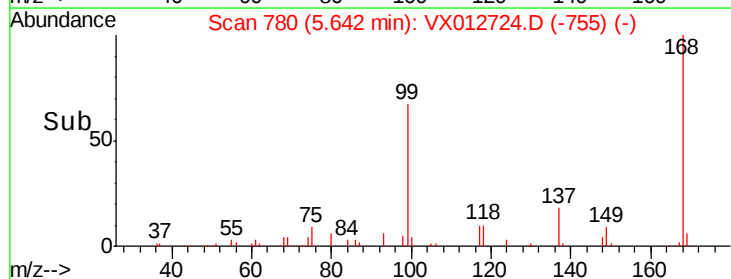
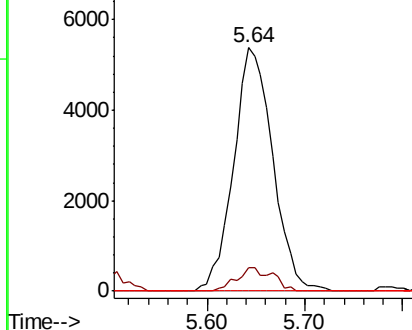


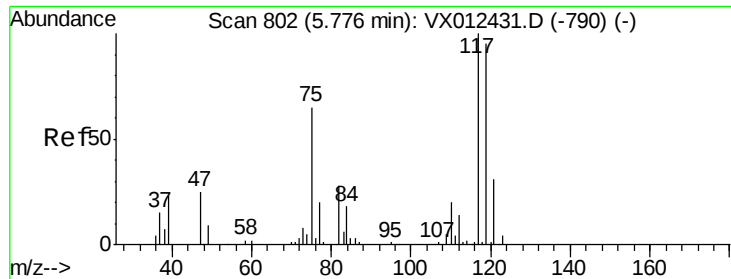
#36
 1,1-Dichloropropene
 Concen: 5.331 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.15 min
 Lab File: VX012724.D
 Acq: 01 Oct 2019 11:39

Tgt Ion: 75 Resp: 14902
 Ion Ratio Lower Upper
 75 100
 110 8.8 16.7 50.0#
 77 0.0 24.2 36.2#



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

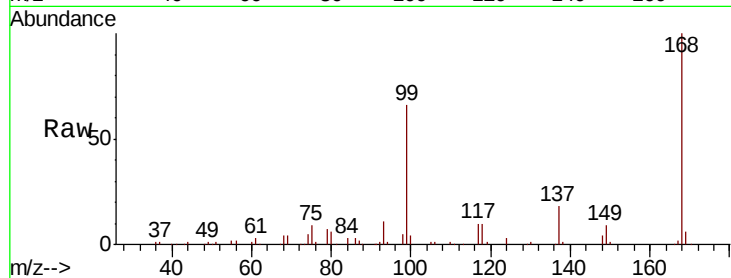




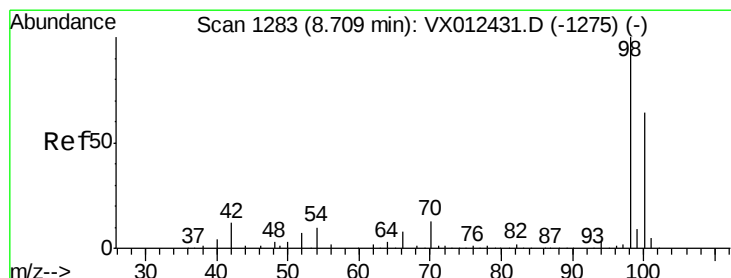
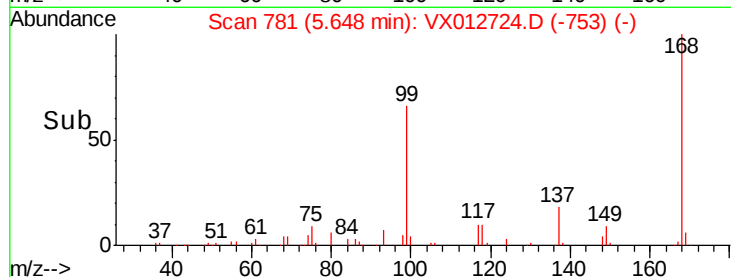
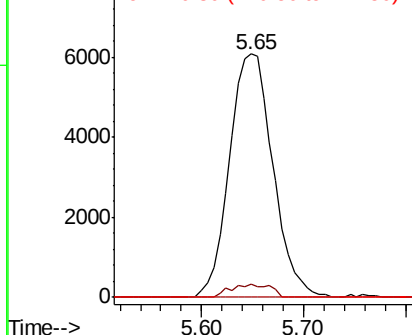
#38
Carbon Tetrachloride
Concen: 6.313 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX012724.D
Acq: 01 Oct 2019 11:39

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 17926
Ion Ratio Lower Upper
117 100
119 5.2 75.7 113.5#
121 0.0 24.2 36.4#

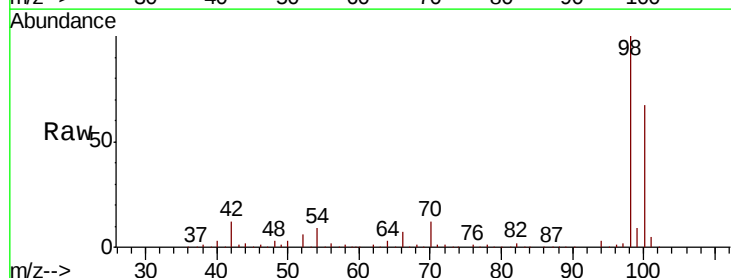


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

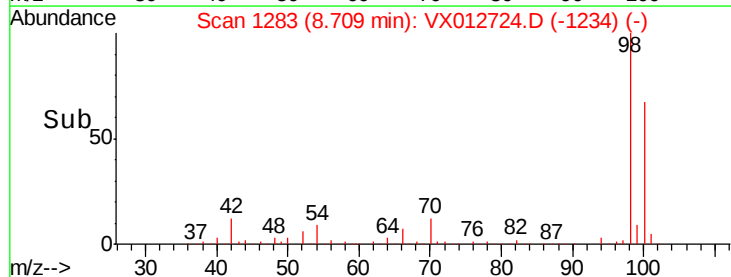
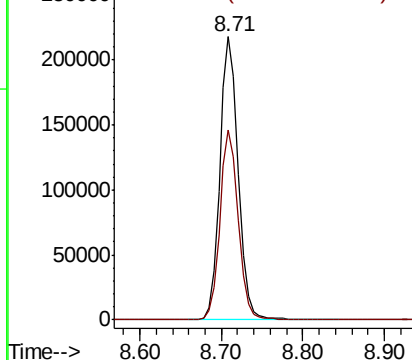


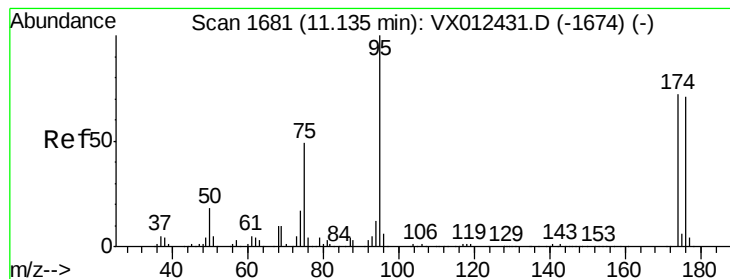
#50
Toluene-d8
Concen: 51.300 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012724.D
Acq: 01 Oct 2019 11:39

Tgt Ion: 98 Resp: 341226
Ion Ratio Lower Upper
98 100
100 67.0 53.4 80.2



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





#62

4-Bromofluorobenzene

Concen: 43.003 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012724.D

Acq: 01 Oct 2019 11:39

Instrument :

MSVOA_X

ClientSampleId :

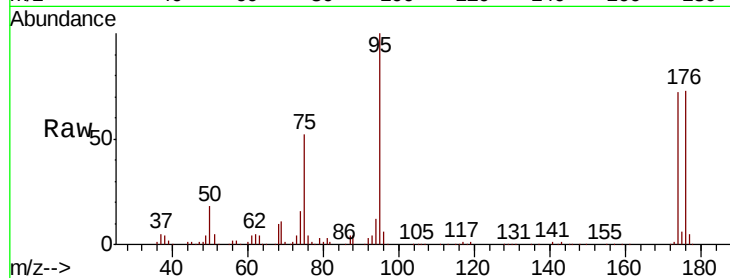
Tot Ion: 95 Resp: 112471

Ion Ratio Lower Upper

95 100

174 68.3 0.0 140.0

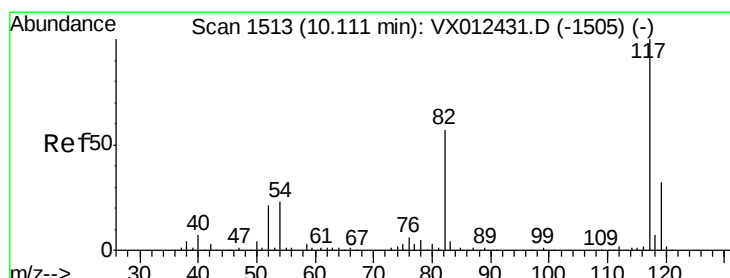
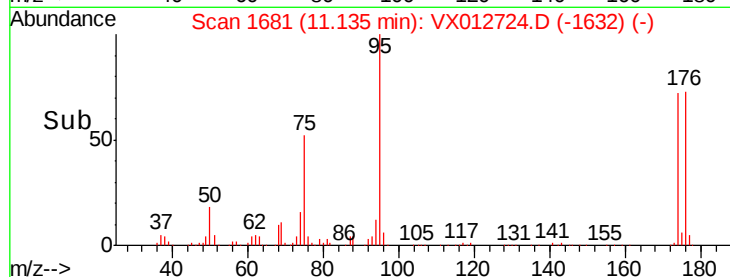
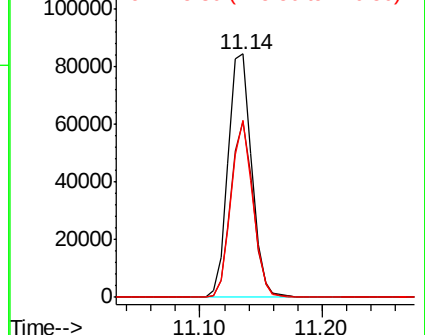
176 67.1 0.0 135.4



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX012724.D

Acq: 01 Oct 2019 11:39

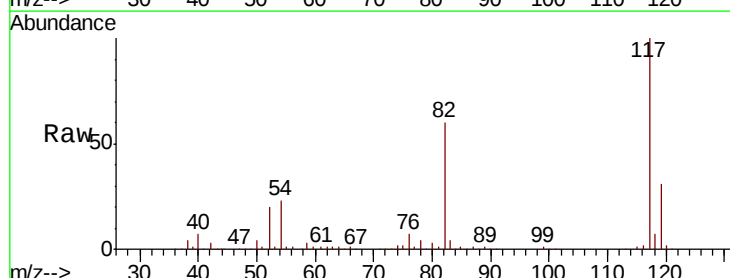
Tgt Ion: 117 Resp: 241757

Ion Ratio Lower Upper

117 100

82 60.4 45.9 68.9

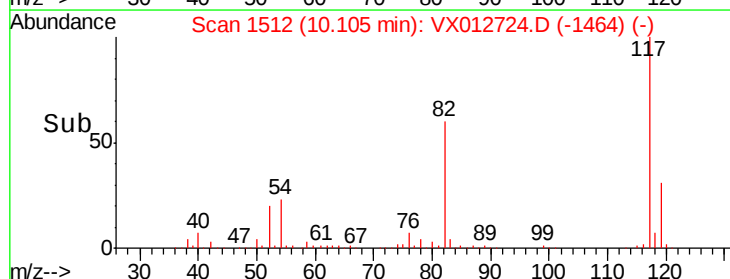
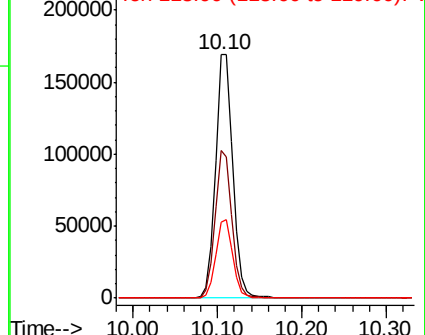
119 31.3 25.3 37.9

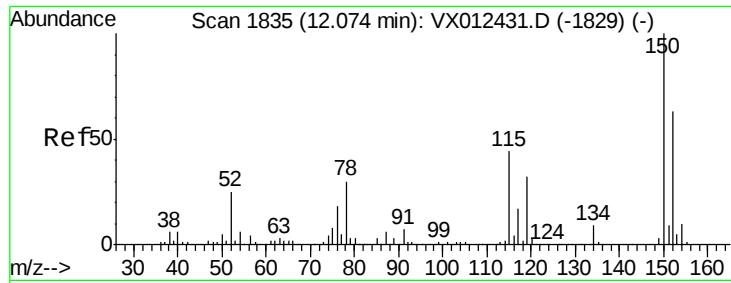


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX012724.D

Acq: 01 Oct 2019 11:39

Instrument :

MSVOA_X

ClientSampled :

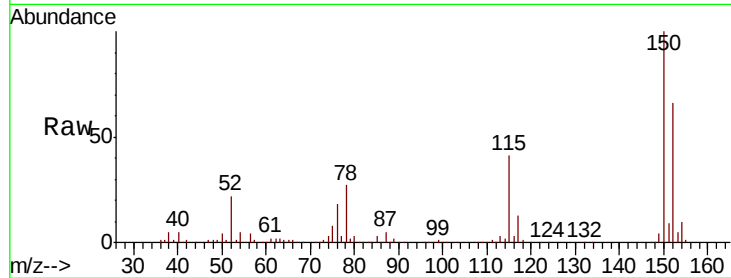
Tot Ion:152 Resp: 90320

Ion Ratio Lower Upper

152 100

115 64.8 44.1 132.3

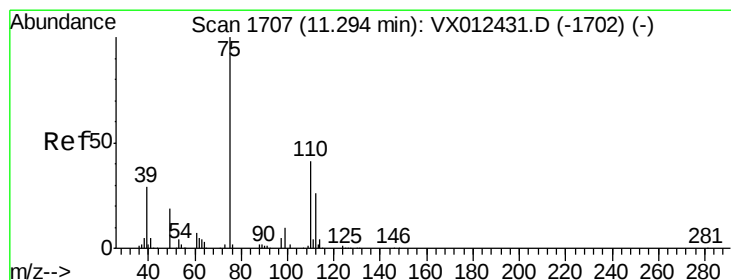
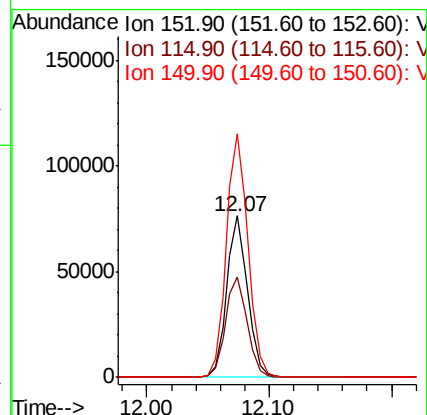
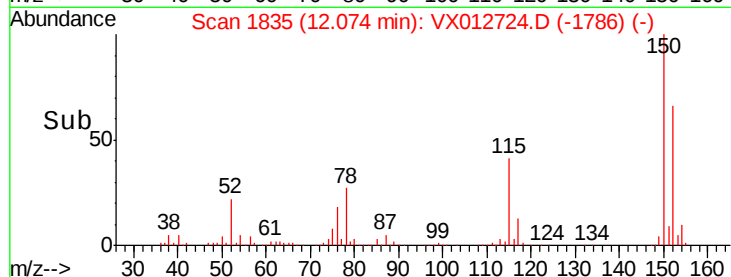
150 156.5 0.0 343.8



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: 24.252 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX012724.D

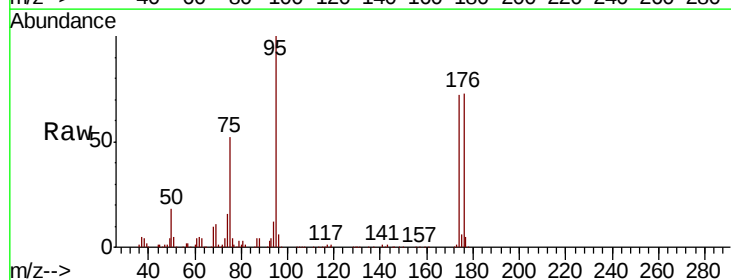
Acq: 01 Oct 2019 11:39

Tgt Ion: 75 Resp: 57942

Ion Ratio Lower Upper

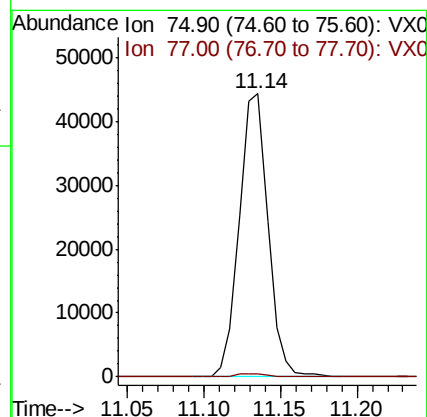
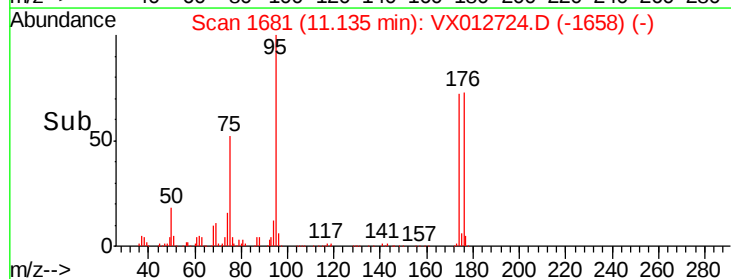
75 100

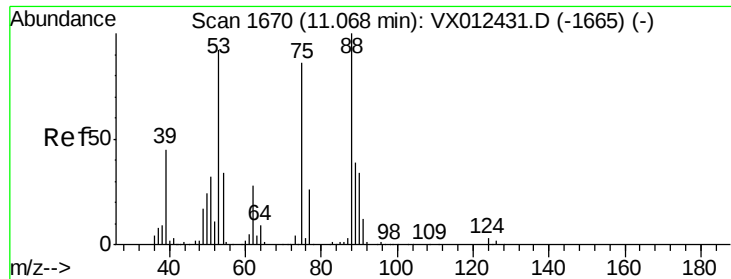
77 1.2 19.7 59.0#



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: 69.500 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012724.D

Acq: 01 Oct 2019 11:39

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 57942

Ion Ratio Lower Upper

75 100

53 0.0 83.6 125.4#

89 0.0 36.3 54.5#

