

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012820\
 Data File : VX014747.D
 Acq On : 28 Jan 2020 13:27
 Operator : JC/SP
 Sample : L1245-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 28 23:18:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-5.65
34) 1,4-Difluorobenzene	6.85	114	677073	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	632207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	290421	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	252238	0.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	5.49	113	126624	29.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	59.28%	
50) Toluene-d8	8.71	98	815094	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
62) 4-Bromofluorobenzene	11.13	95	278698	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	

Target Compounds

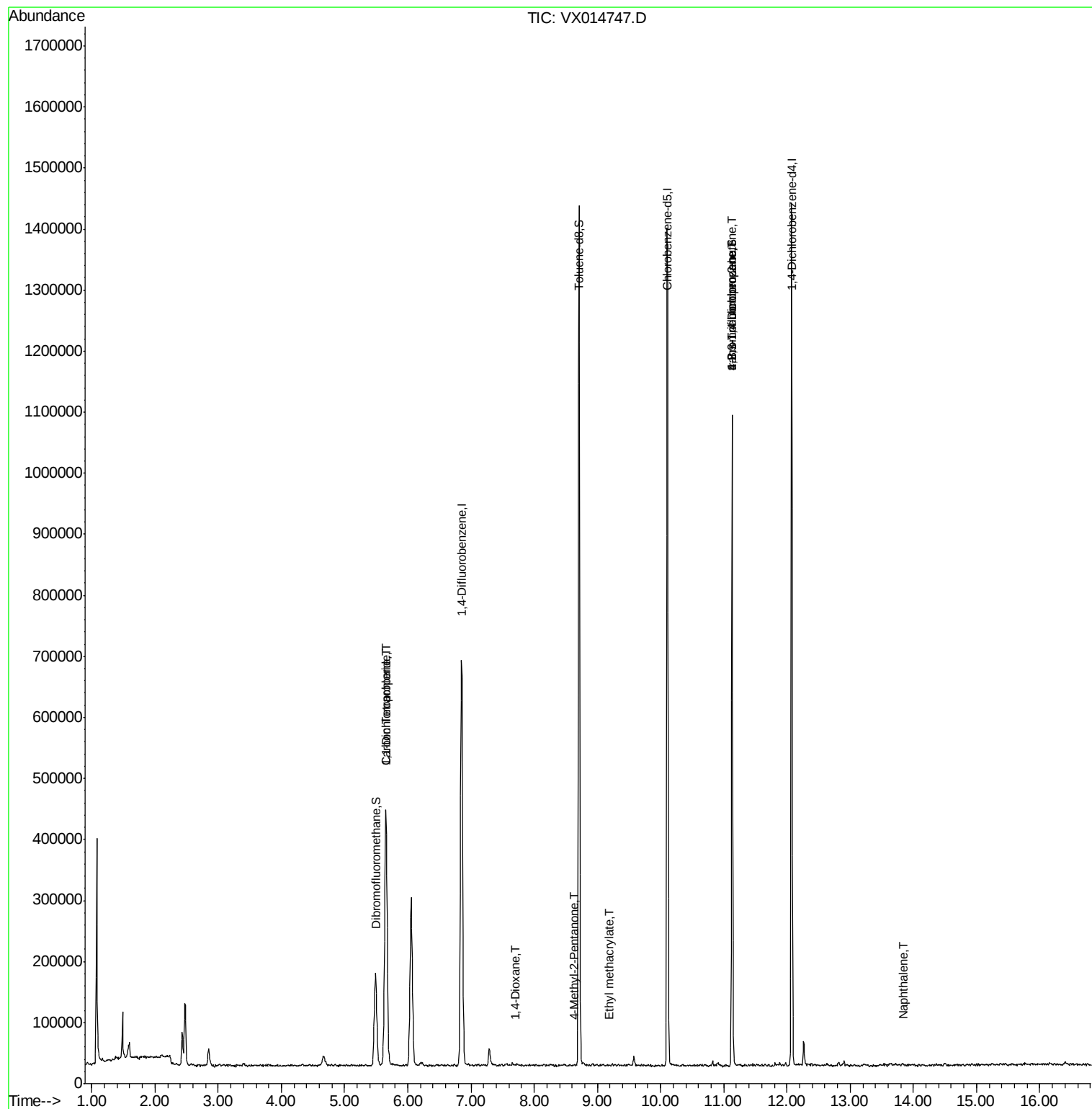
					Qvalue	
36) 1,1-Dichloropropene	5.65	75	29463	4.683	ug/l #	49
38) Carbon Tetrachloride	5.65	117	39329	6.546	ug/l #	16
41) Methacrylonitrile	5.05	41	462	Below Cal	#	41
49) 1,4-Dioxane	7.71	88	561	4.694	ug/l #	1
51) 4-Methyl-2-Pentanone	8.64	43	1665	0.224	ug/l #	70
56) Ethyl methacrylate	9.19	69	210	1.809	ug/l #	5
76) 1,2,3-Trichloropropane	11.13	75	137178	20.302	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	137178	57.776	ug/l #	11
95) Naphthalene	13.83	128	3203	1.086	ug/l #	74

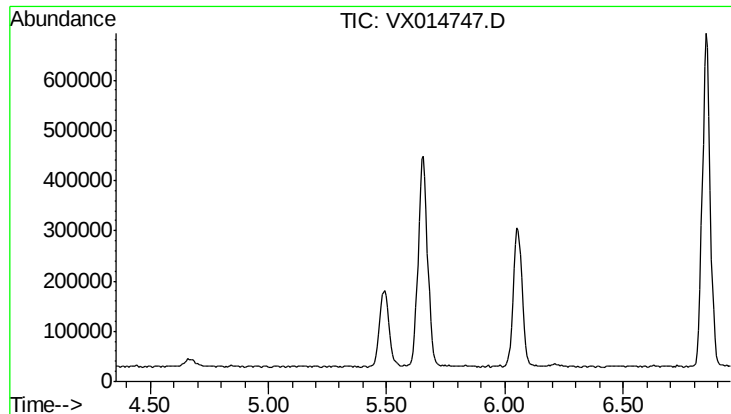
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX012820\
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ALS Vial : 9 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :

Quant Time: Jan 28 23:18:47 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 0.000 ug/l

Expected RT: 5.65 min

Lab File: VX014747.D

Acq: 28 Jan 2020 13:27

Tot Ion: 168

Sig Exp Ratio

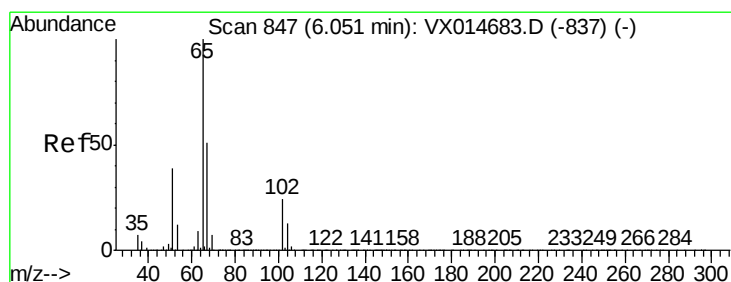
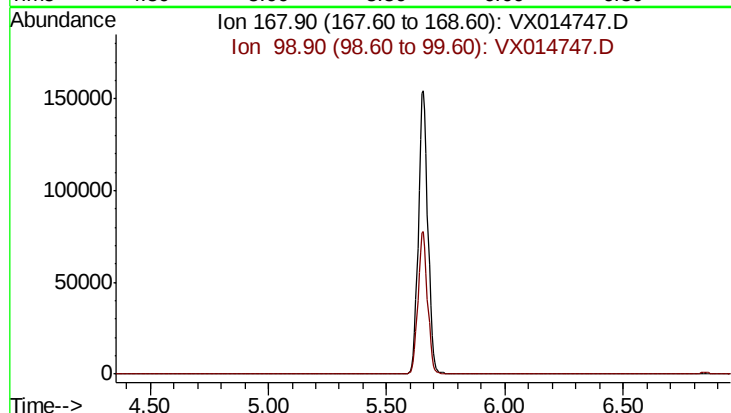
168 100

99 49.7

Instrument :

MSVOA_X

ClientSampleId :



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014747.D

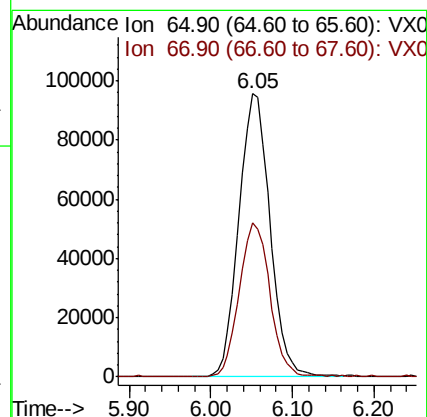
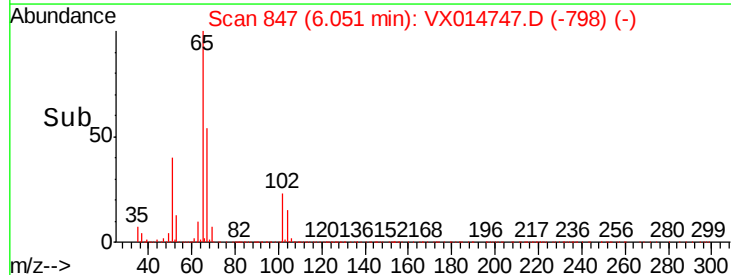
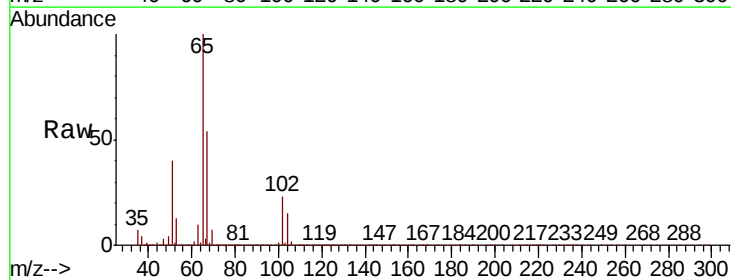
Acq: 28 Jan 2020 13:27

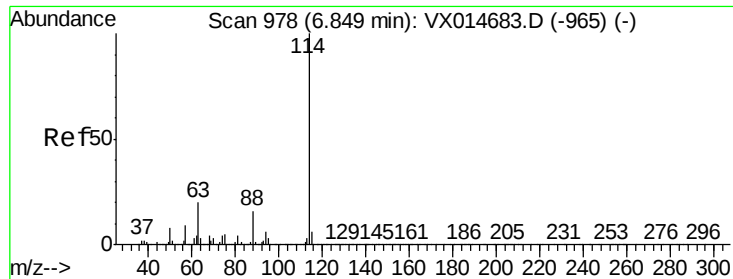
Tgt Ion: 65 Resp: 252238

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014747.D

Acq: 28 Jan 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

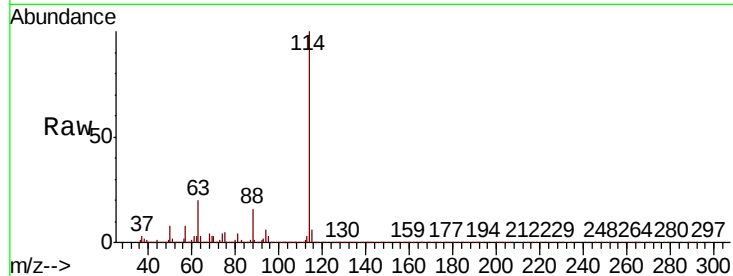
Tot Ion:114 Resp: 677073

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.6

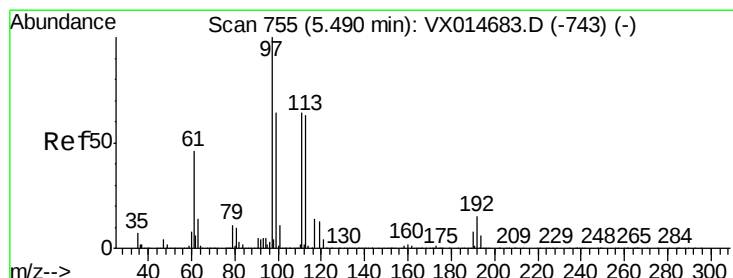
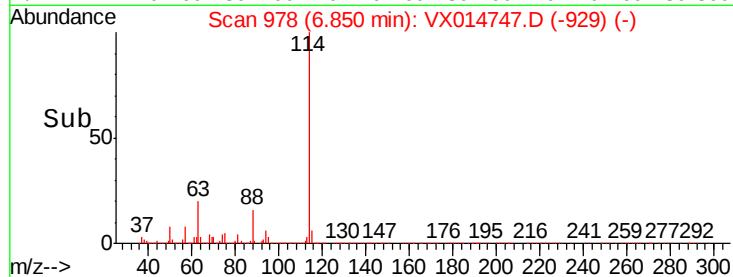
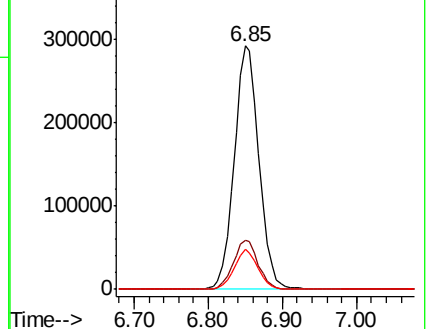
88 16.3 0.0 31.2



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: 29.639 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014747.D

Acq: 28 Jan 2020 13:27

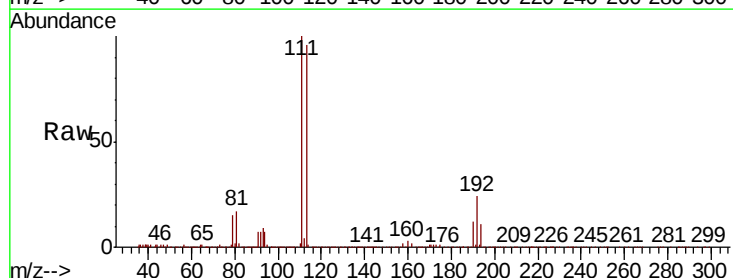
Tgt Ion:113 Resp: 126624

Ion Ratio Lower Upper

113 100

111 105.8 80.7 121.1

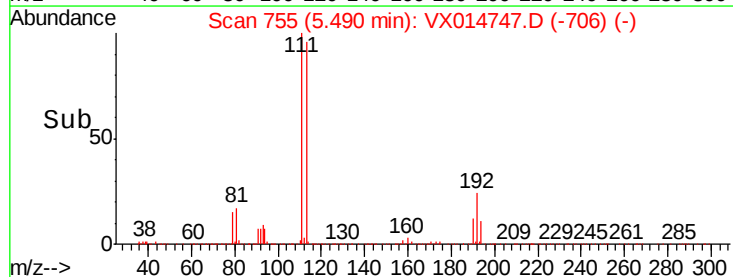
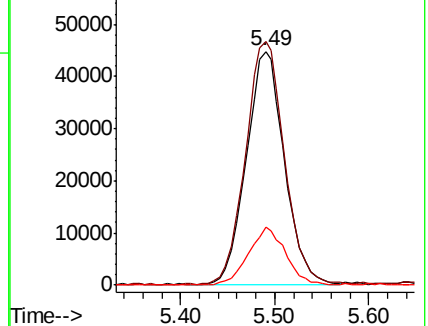
192 23.7 18.5 27.7

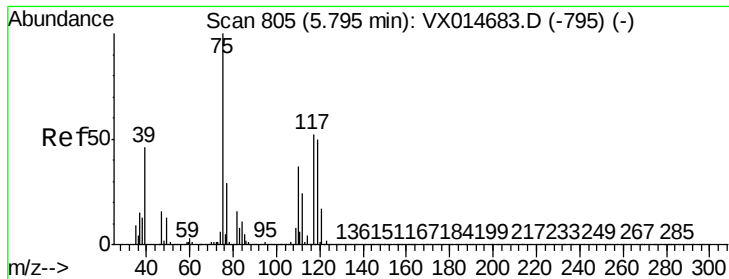


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.683 ug/l

RT: 5.65 min Scan# 781

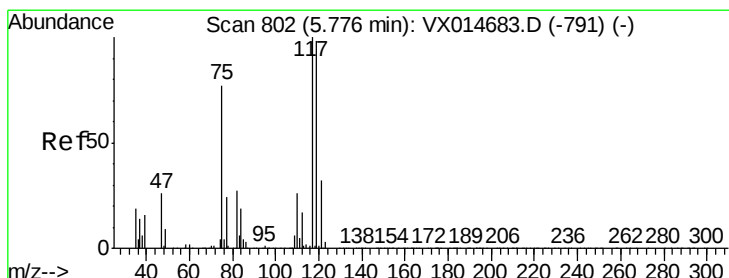
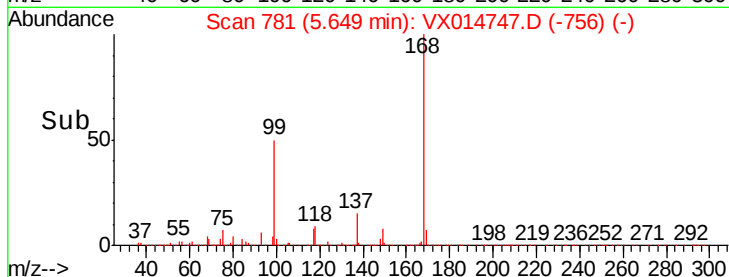
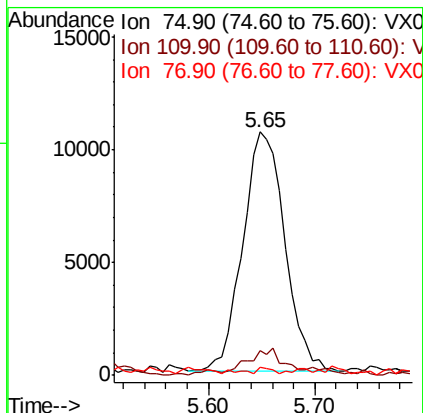
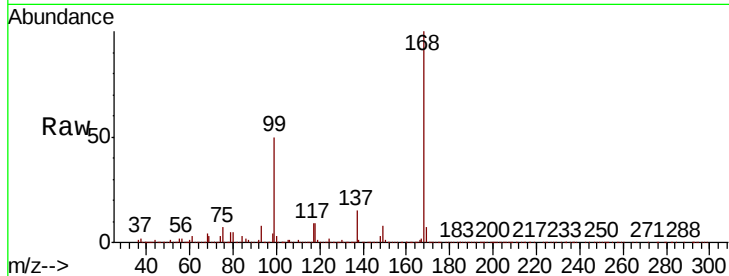
Delta R.T. -0.15 min

Lab File: VX014747.D

Acq: 28 Jan 2020 13:27

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	75	Resp:	29463
Ion	Ratio	Lower	Upper
75	100		
110	7.6	17.9	53.7#
77	0.9	24.1	36.1#



#38

Carbon Tetrachloride

Concen: 6.546 ug/l

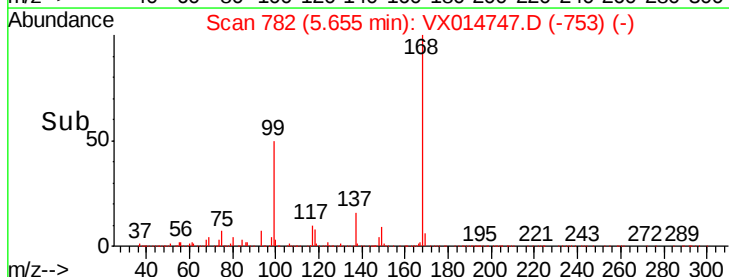
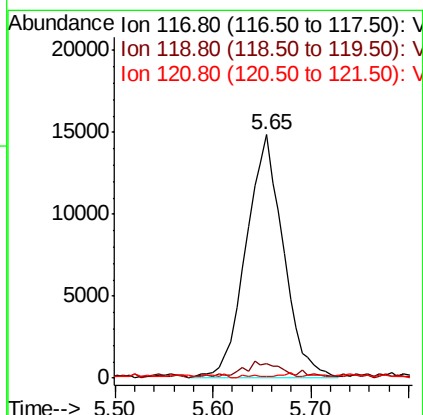
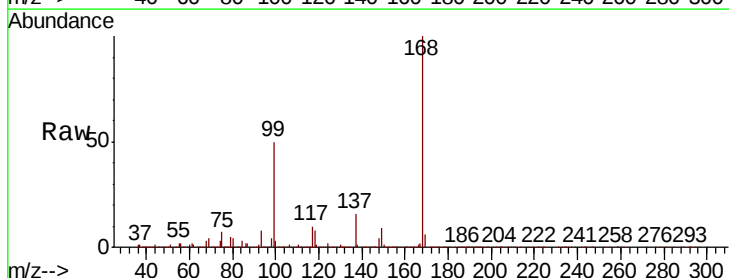
RT: 5.65 min Scan# 782

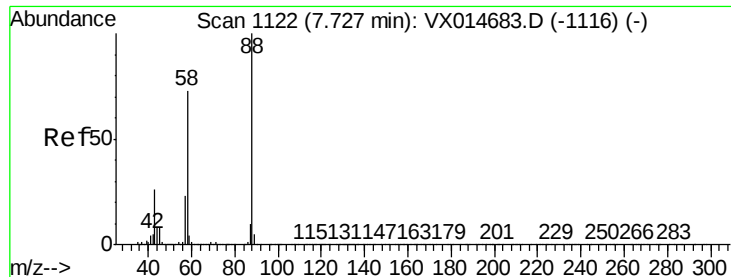
Delta R.T. -0.12 min

Lab File: VX014747.D

Acq: 28 Jan 2020 13:27

Tgt Ion:	117	Resp:	39329
Ion	Ratio	Lower	Upper
117	100		
119	5.8	77.9	116.9#
121	0.0	25.4	38.2#





#49

1,4-Dioxane

Concen: 4.694 ug/l

RT: 7.71 min Scan# 1119

Delta R.T. -0.02 min

Lab File: VX014747.D

Acq: 28 Jan 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

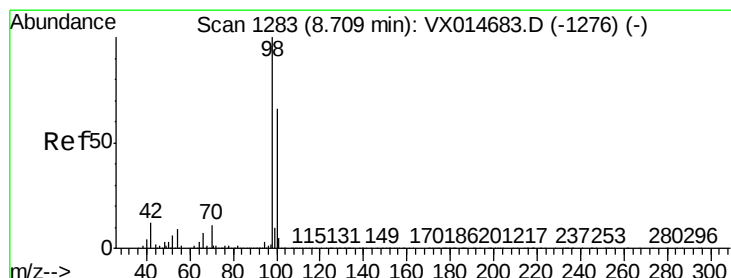
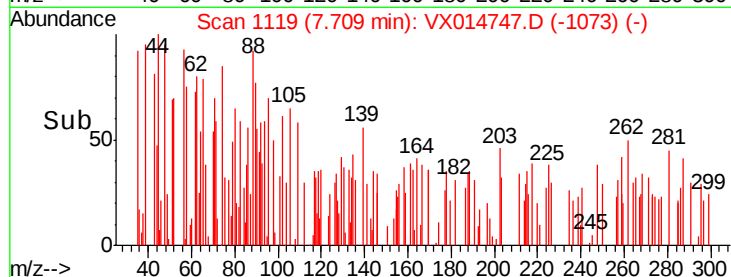
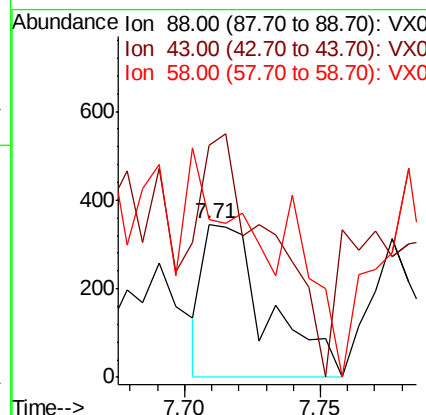
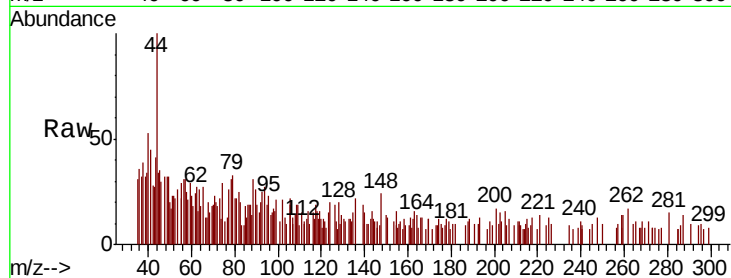
Tot Ion: 88 Resp: 561

Ion Ratio Lower Upper

88 100

43 184.3 26.2 39.2#

58 0.0 56.6 85.0#



#50

Toluene-d8

Concen: 49.627 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014747.D

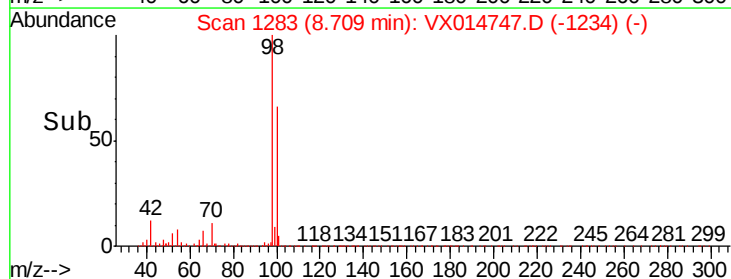
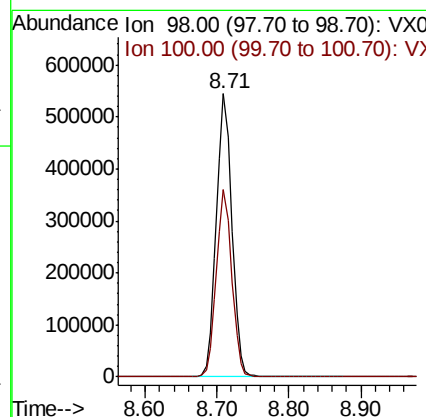
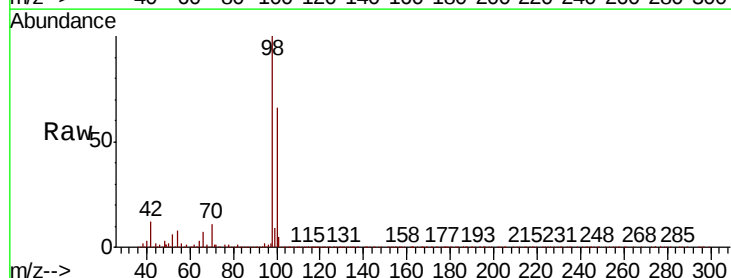
Acq: 28 Jan 2020 13:27

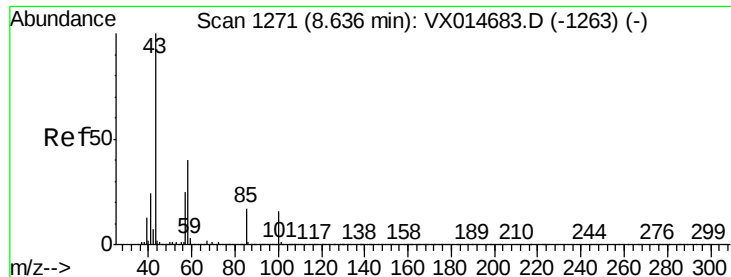
Tgt Ion: 98 Resp: 815094

Ion Ratio Lower Upper

98 100

100 65.5 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 0.224 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014747.D

Acq: 28 Jan 2020 13:27

Instrument :

MSVOA_X

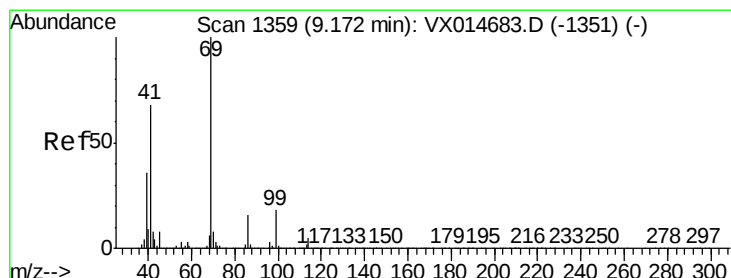
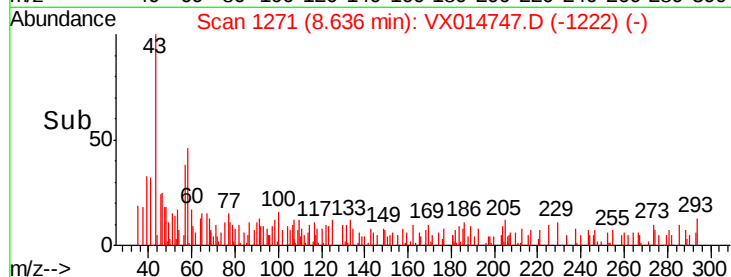
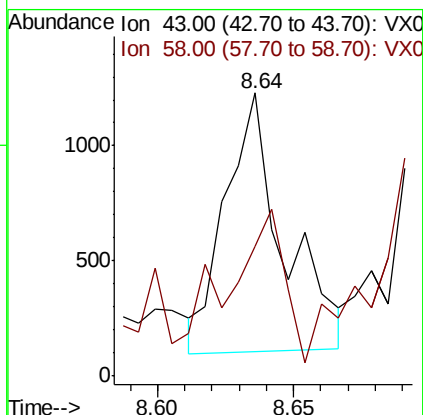
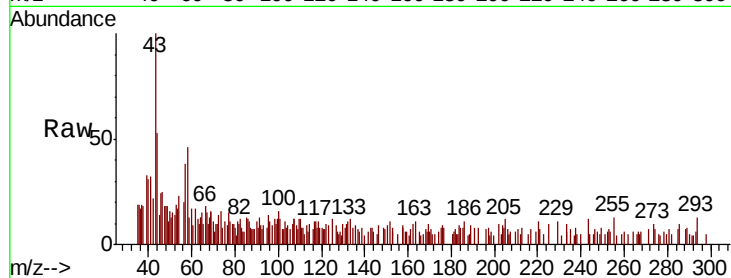
ClientSampled :

Tot Ion: 43 Resp: 1665

Ion Ratio Lower Upper

43 100

58 57.9 31.6 47.4#



#56

Ethyl methacrylate

Concen: 1.809 ug/l

RT: 9.19 min Scan# 1362

Delta R.T. 0.02 min

Lab File: VX014747.D

Acq: 28 Jan 2020 13:27

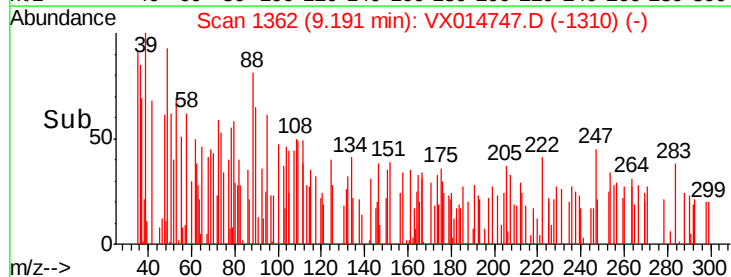
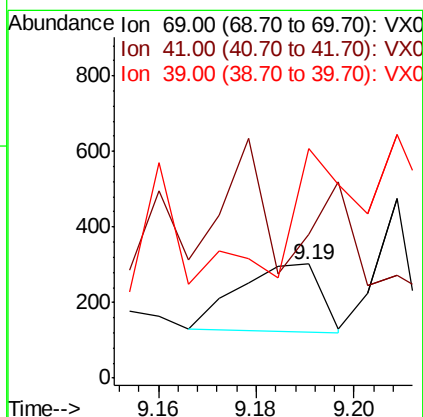
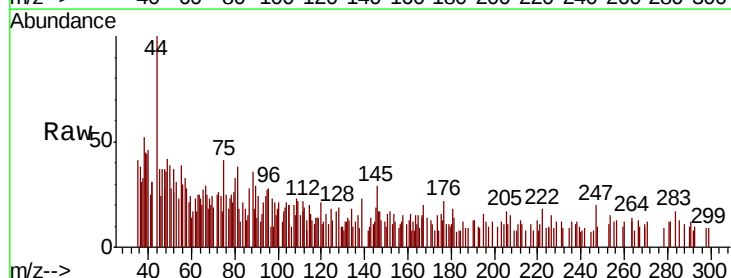
Tgt Ion: 69 Resp: 210

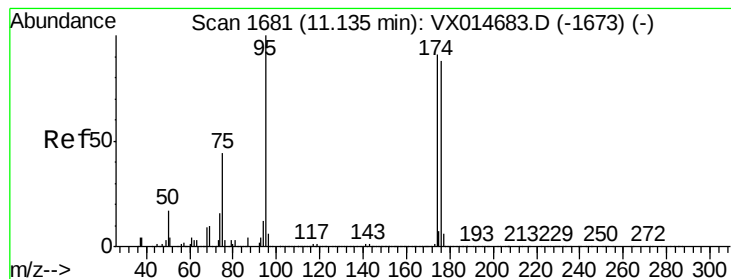
Ion Ratio Lower Upper

69 100

41 142.4 54.9 82.3#

39 97.1 29.3 43.9#





#62

4-Bromofluorobenzene

Concen: 47.635 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014747.D

Acq: 28 Jan 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

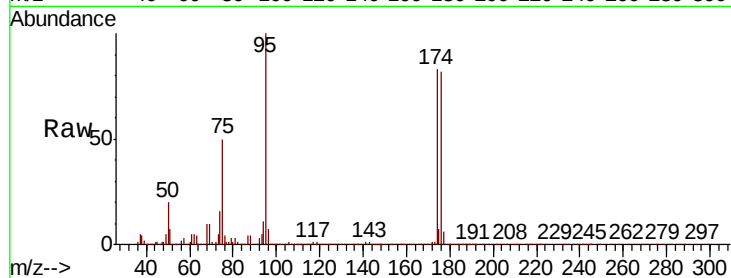
Tot Ion: 95 Resp: 278698

Ion Ratio Lower Upper

95 100

174 90.7 0.0 176.0

176 86.9 0.0 172.2

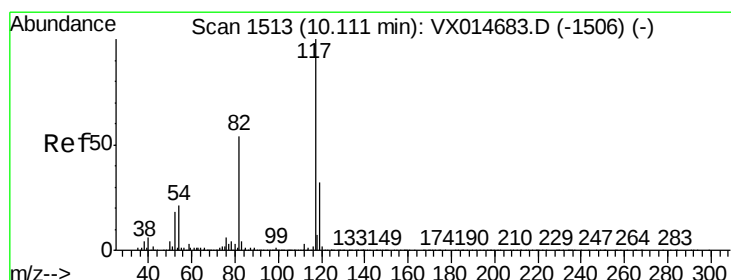
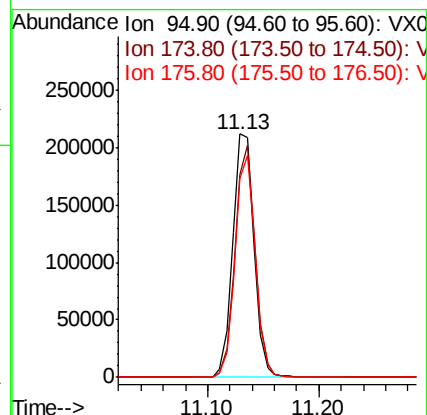
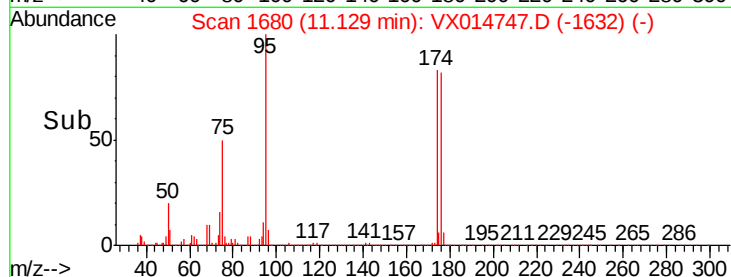


Abundance Ion 94.90 (94.60 to 95.60): VX014683.D (-1673) (-)

Ion 173.80 (173.50 to 174.50): VX014683.D (-1673) (-)

Ion 175.80 (175.50 to 176.50): VX014683.D (-1673) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX014747.D

Acq: 28 Jan 2020 13:27

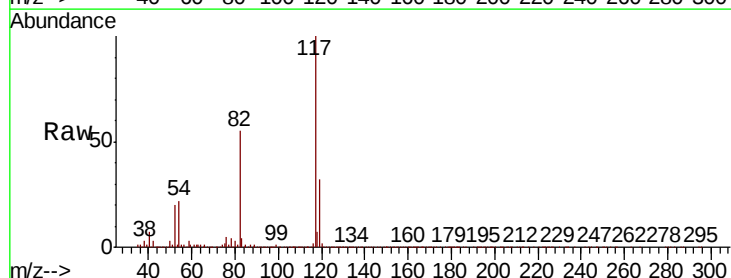
Tgt Ion: 117 Resp: 632207

Ion Ratio Lower Upper

117 100

82 55.2 43.2 64.8

119 31.7 25.8 38.6

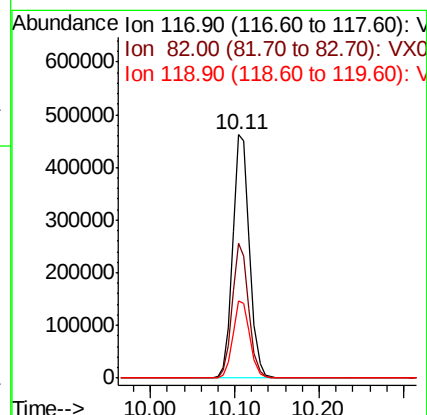
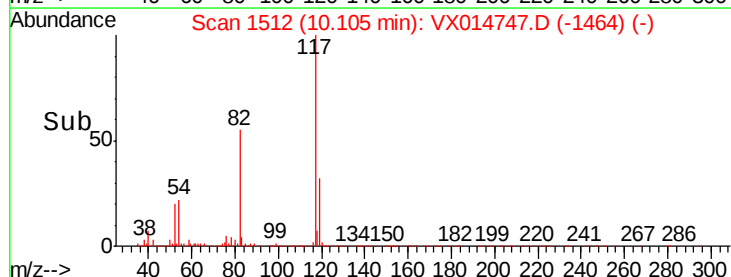


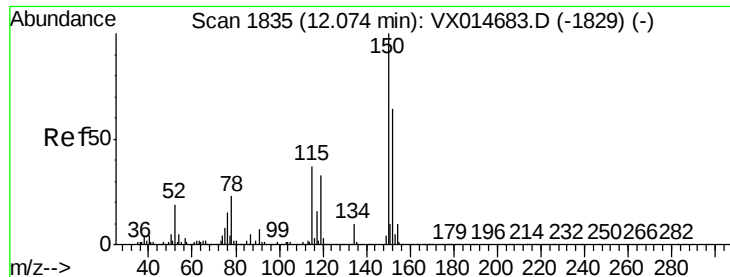
Abundance Ion 116.90 (116.60 to 117.60): VX014683.D (-1506) (-)

Ion 82.00 (81.70 to 82.70): VX014683.D (-1506) (-)

Ion 118.90 (118.60 to 119.60): VX014683.D (-1506) (-)

Time-->



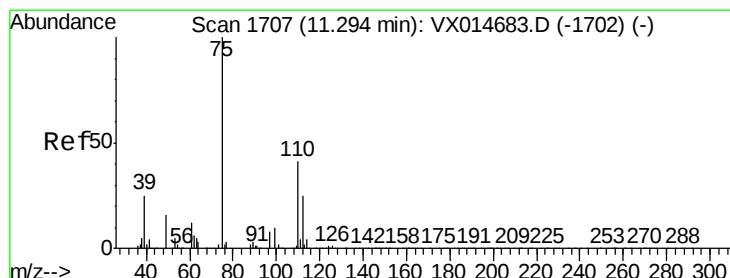
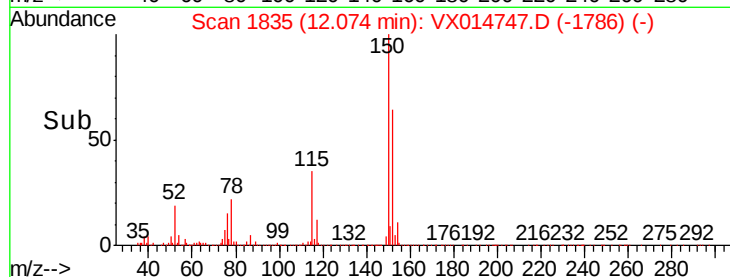
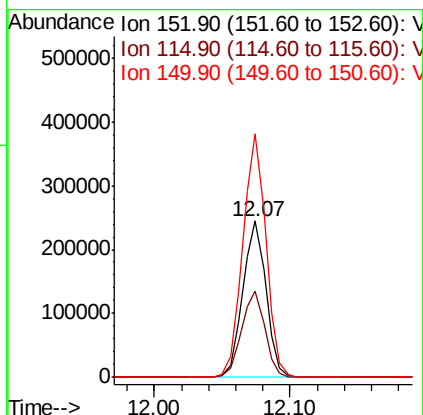
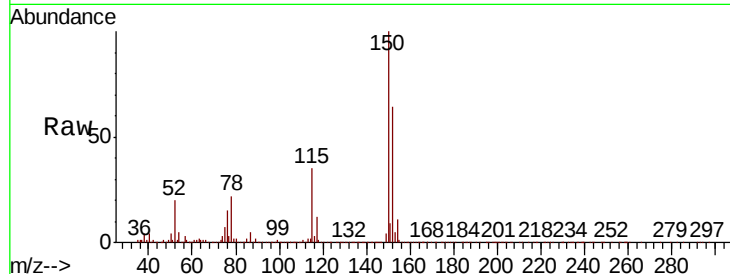


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014747.D
Acq: 28 Jan 2020 13:27

Instrument :
MSVOA_X
ClientSampleId :

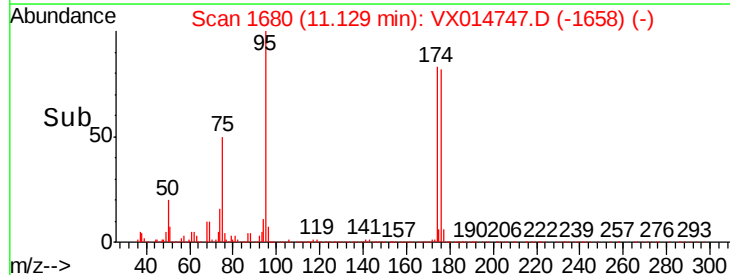
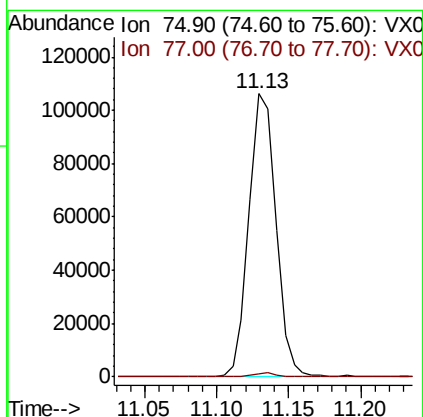
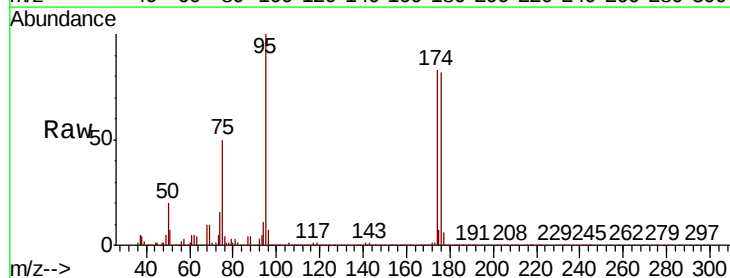
Tot Ion	Ratio	Lower	Upper
152	100		
115	55.7	39.4	118.1
150	155.4	0.0	351.2

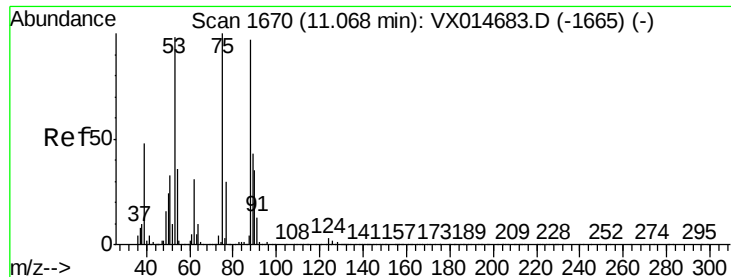


#76

1,2,3-Trichloropropane
Concen: 20.302 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX014747.D
Acq: 28 Jan 2020 13:27

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.6	18.7	56.1

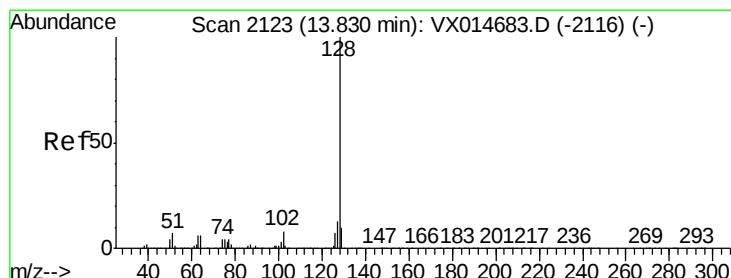
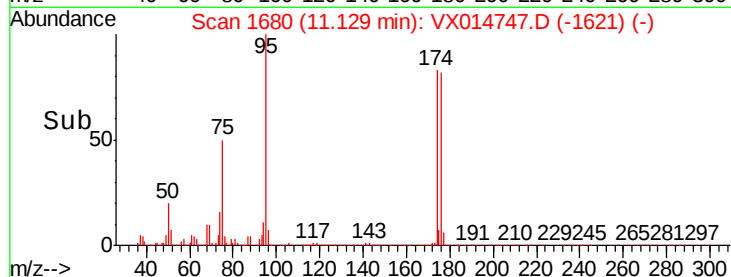
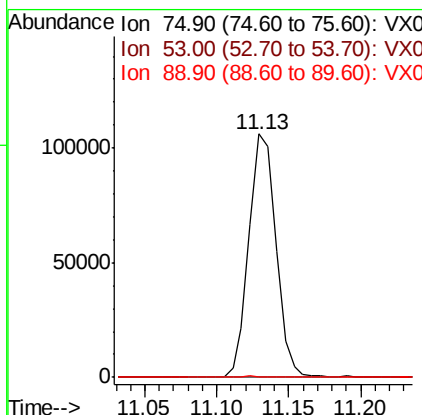
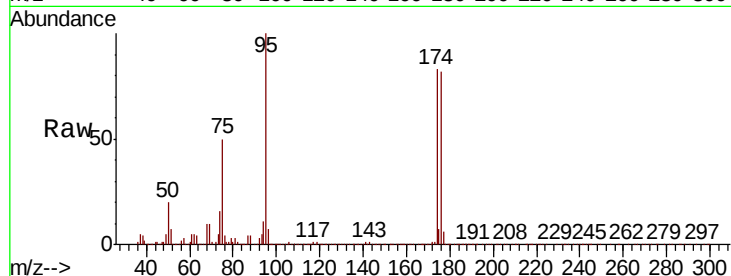




#81
trans-1,4-Dichloro-2-butene
Concen: 57.776 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX014747.D
Acq: 28 Jan 2020 13:27

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
75	100		
53	0.3	78.8	118.2#
89	0.2	35.4	53.0#



#95
Naphthalene
Concen: 1.086 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014747.D
Acq: 28 Jan 2020 13:27

Tgt Ion	Ratio	Lower	Upper
128	100		
127	30.4	10.3	15.5#
129	9.4	8.6	12.8

