

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
 Data File : VX013674.D
 Acq On : 28 Nov 2019 00:48
 Operator : JC/SP
 Sample : K6027-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 28 04:21:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	670171	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1067010	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	935962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	413251	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	387540	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	
35) Dibromofluoromethane	5.49	113	317258	48.10	ug/l	0.00
Spiked Amount			Recovery	=	96.20%	
50) Toluene-d8	8.71	98	1249462	48.62	ug/l	0.00
Spiked Amount			Recovery	=	97.24%	
62) 4-Bromofluorobenzene	11.14	95	415098	44.79	ug/l	0.00
Spiked Amount			Recovery	=	89.58%	

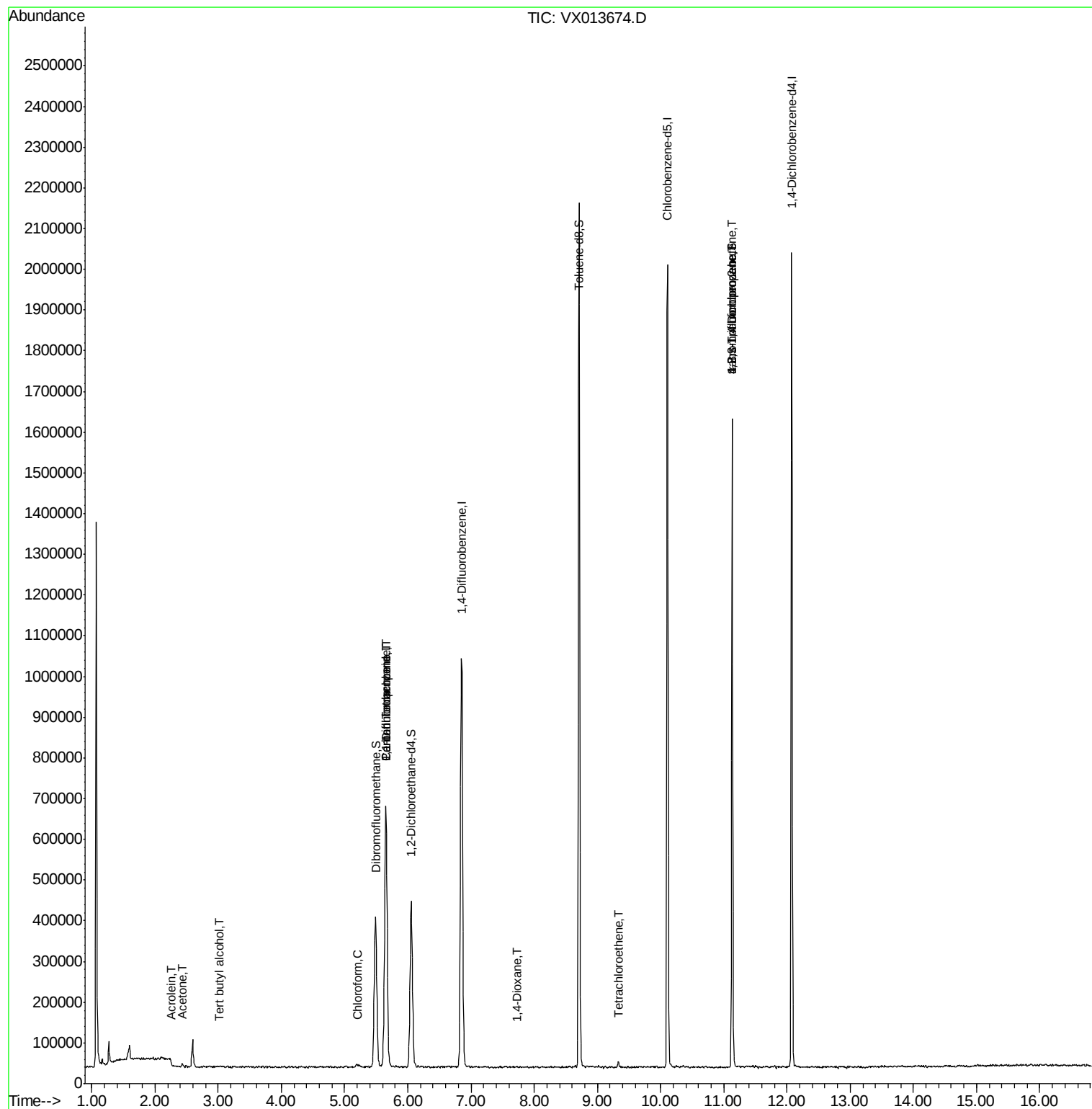
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.03	59	2480	1.292	ug/l #	95
13) Acrolein	2.26	56	142	6.112	ug/l #	1
16) Acetone	2.44	43	9890	2.575	ug/l	93
30) Chloroform	5.20	83	7484	0.606	ug/l	93
36) 1,1-Dichloropropene	5.65	75	44084	4.551	ug/l #	52
38) Carbon Tetrachloride	5.65	117	58186	6.515	ug/l #	15
49) 1,4-Dioxane	7.74	88	242	1.244	ug/l #	1
64) Tetrachloroethene	9.33	164	2866	0.411	ug/l #	93
76) 1,2,3-Trichloropropane	11.14	75	202505	21.787	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	202505	59.605	ug/l #	11

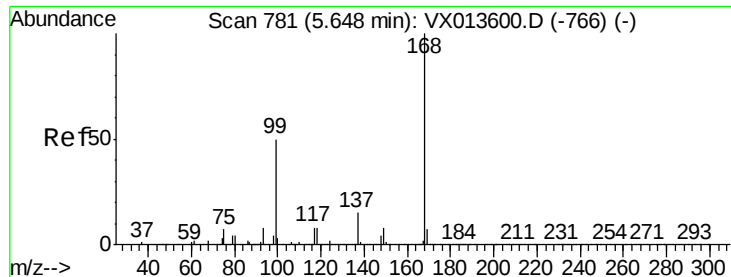
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013674.D

Acq: 28 Nov 2019 00:48

Instrument :

MSVOA_X

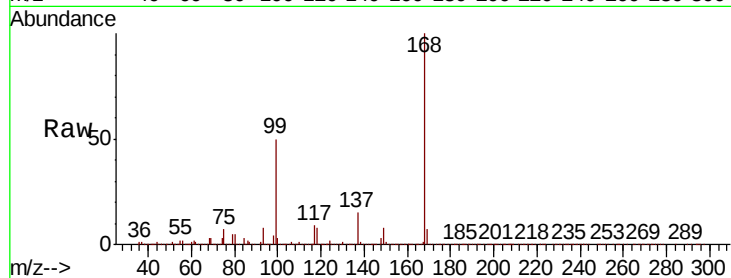
ClientSampleId :

Tot Ion:168 Resp: 670171

Ion Ratio Lower Upper

168 100

99 49.8 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

150000

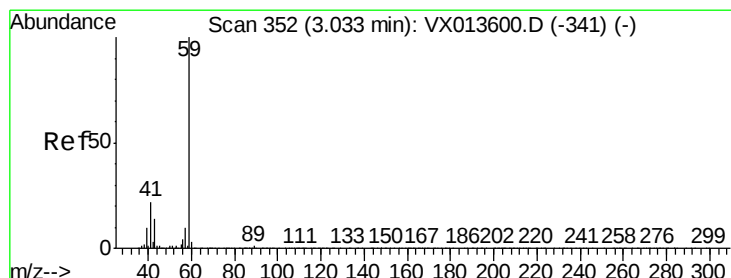
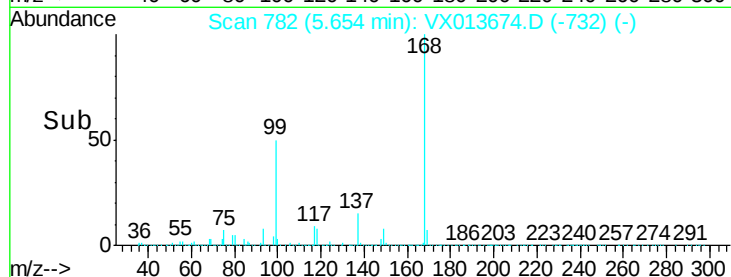
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 1.292 ug/l

RT: 3.03 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX013674.D

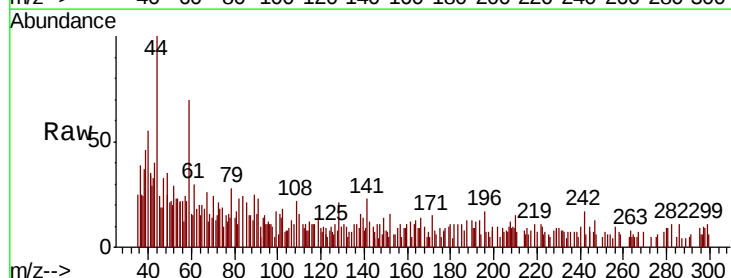
Acq: 28 Nov 2019 00:48

Tgt Ion: 59 Resp: 2480

Ion Ratio Lower Upper

59 100

57 11.7 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

1000

800

600

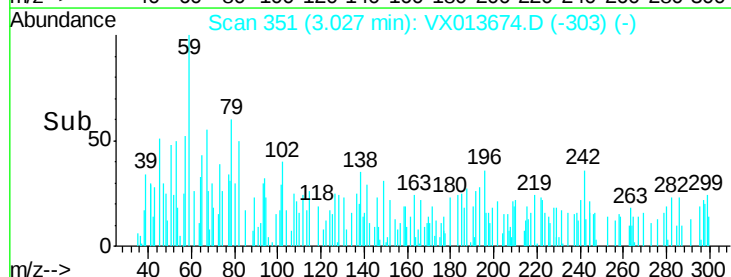
400

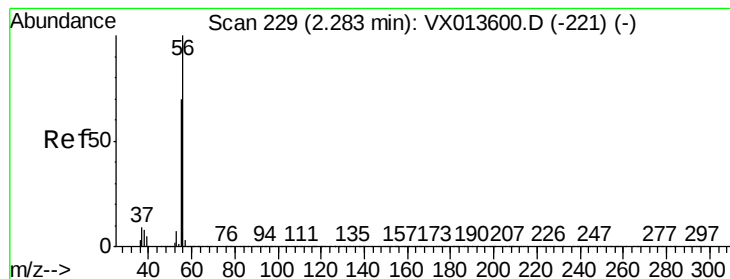
200

0

Time-->

3.00 3.05 3.10





#13

Acrolein

Concen: 6.112 ug/l

RT: 2.26 min Scan# 226

Delta R.T. -0.02 min

Lab File: VX013674.D

Acq: 28 Nov 2019 00:48

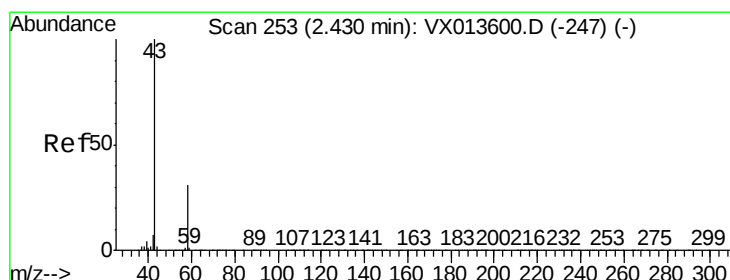
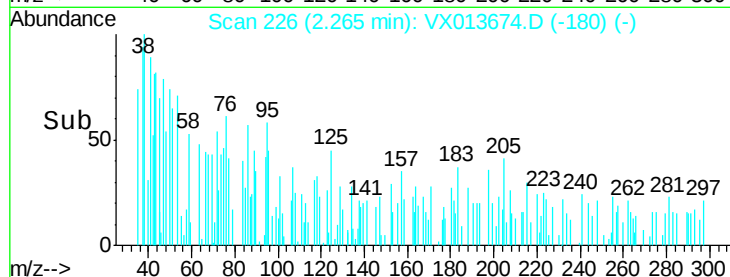
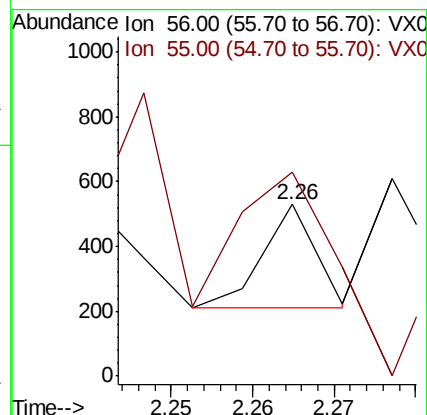
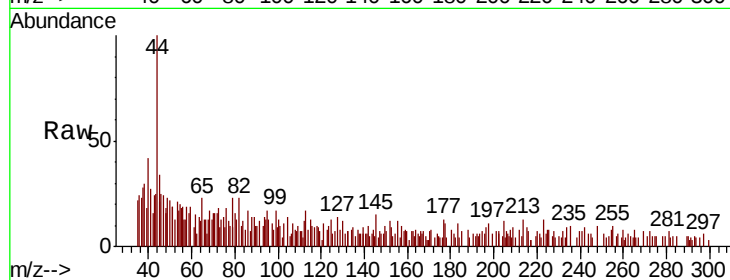
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 142

Ion Ratio Lower Upper

56 100

55 235.2 56.2 84.4#



#16

Acetone

Concen: 2.575 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX013674.D

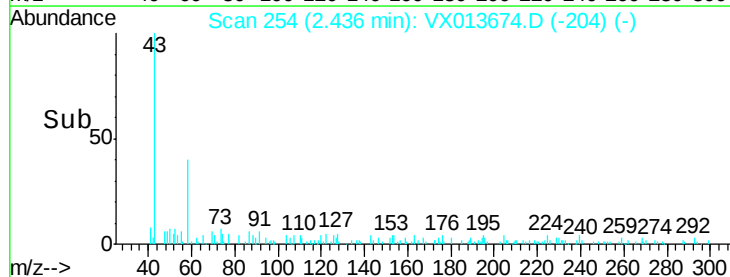
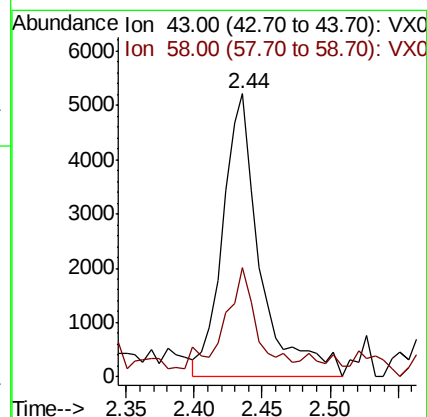
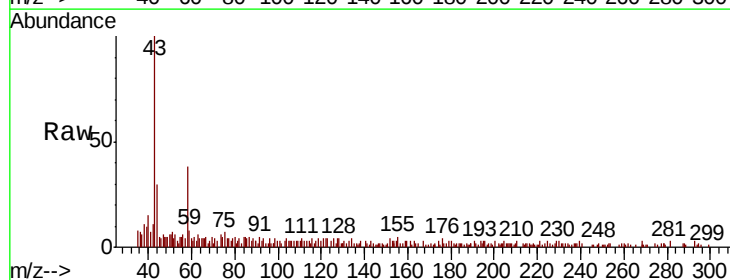
Acq: 28 Nov 2019 00:48

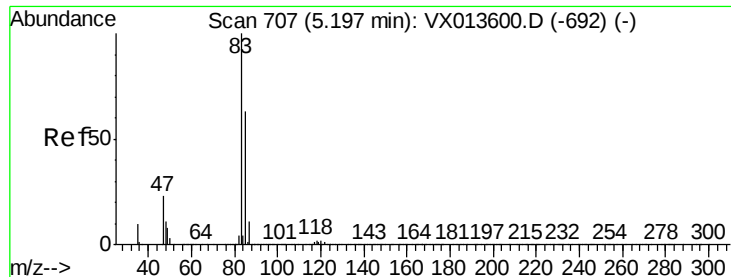
Tgt Ion: 43 Resp: 9890

Ion Ratio Lower Upper

43 100

58 34.6 24.6 36.8

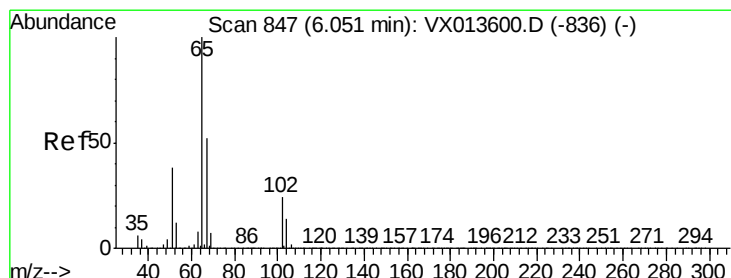
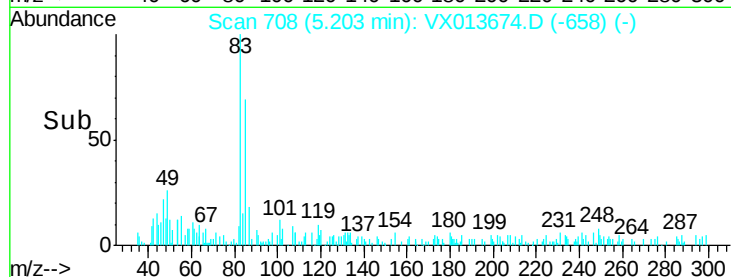
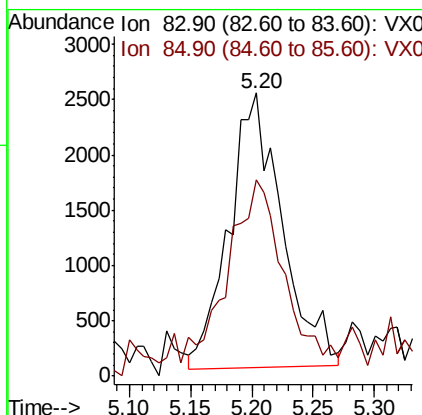
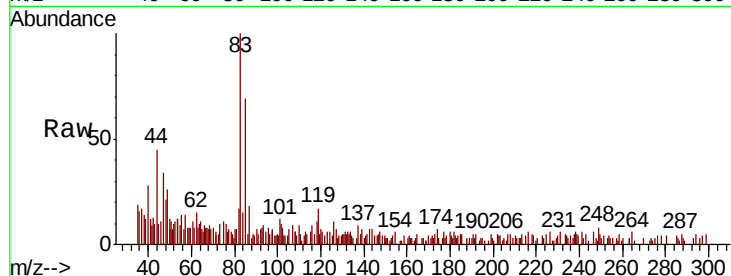




#30
Chloroform
Concen: 0.606 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013674.D
Acq: 28 Nov 2019 00:48

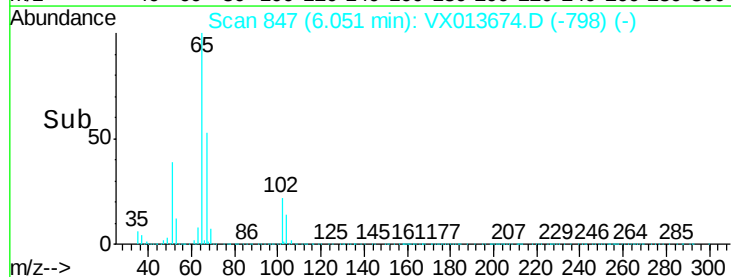
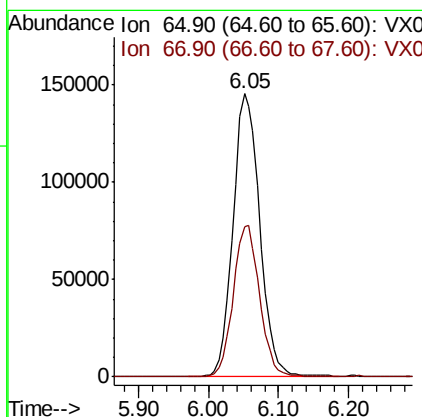
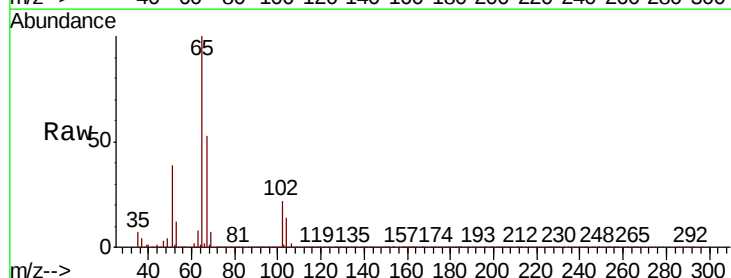
Instrument :
MSVOA_X
ClientSampled :

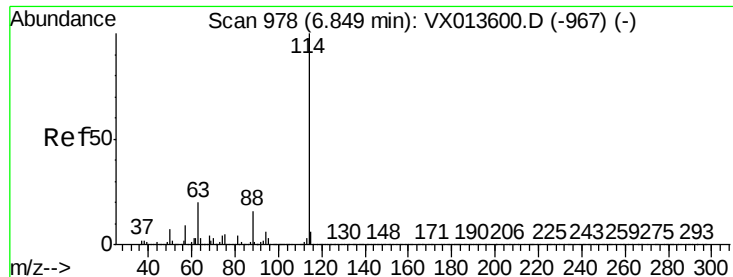
Tot Ion: 83 Resp: 7484
Ion Ratio Lower Upper
83 100
85 67.9 50.2 75.4



#33
1,2-Dichloroethane-d4
Concen: 49.818 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013674.D
Acq: 28 Nov 2019 00:48

Tgt Ion: 65 Resp: 387540
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013674.D

Acq: 28 Nov 2019 00:48

Instrument :

MSVOA_X

ClientSampleId :

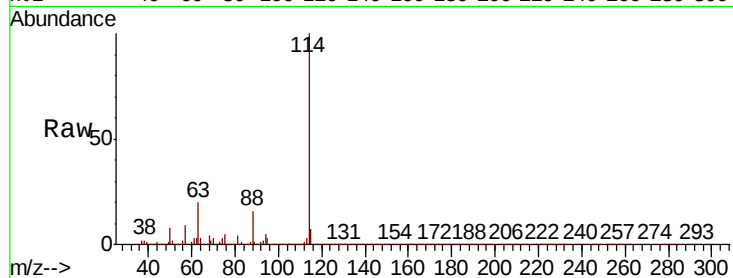
Tot Ion:114 Resp: 1067010

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

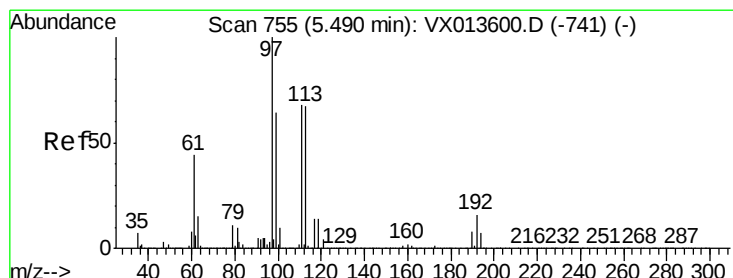
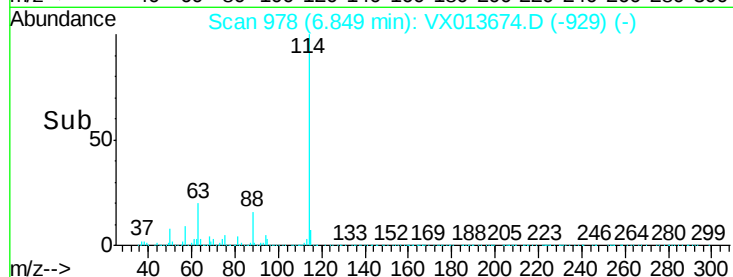
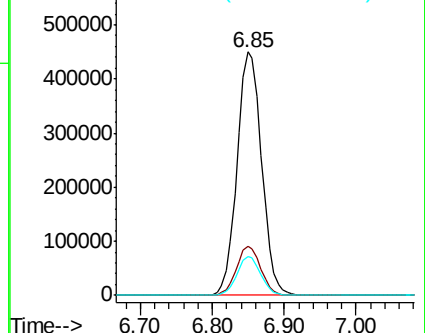
88 16.2 0.0 31.4



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: 48.096 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013674.D

Acq: 28 Nov 2019 00:48

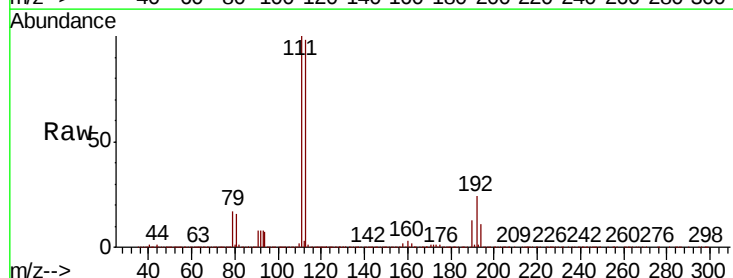
Tgt Ion:113 Resp: 317258

Ion Ratio Lower Upper

113 100

111 103.3 83.6 125.4

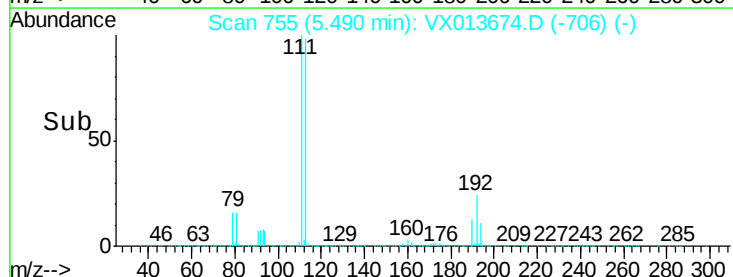
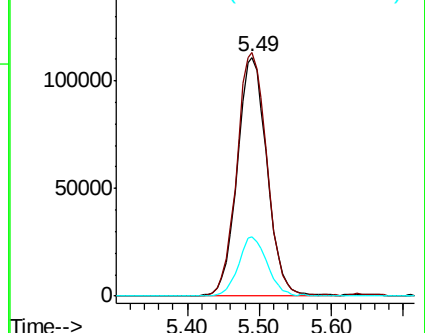
192 24.1 19.2 28.8

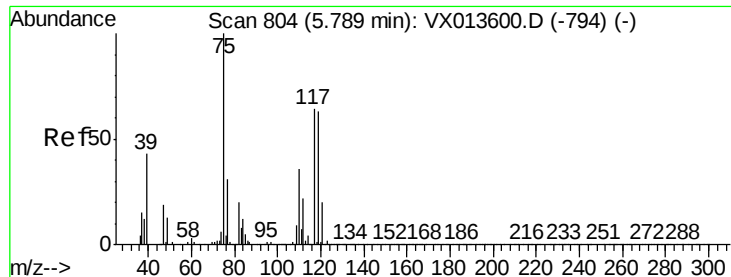


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

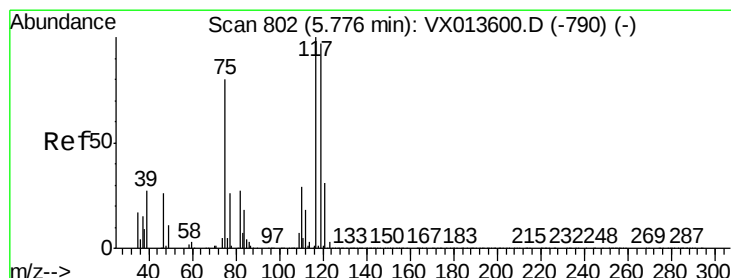
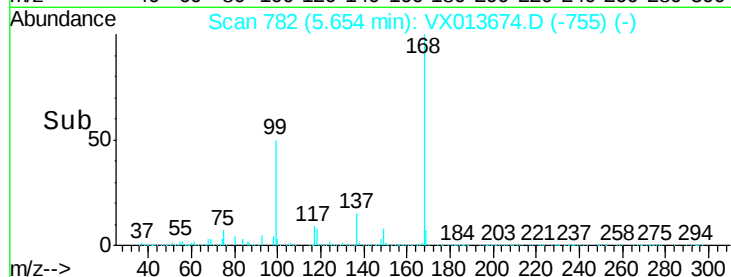
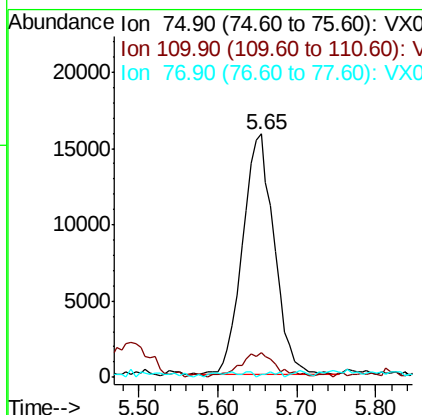
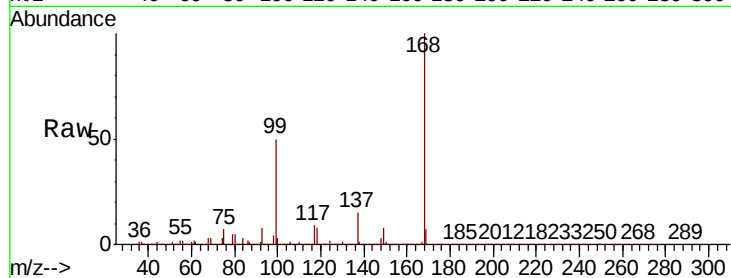




#36
 1,1-Dichloropropene
 Concen: 4.551 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.13 min
 Lab File: VX013674.D
 Acq: 28 Nov 2019 00:48

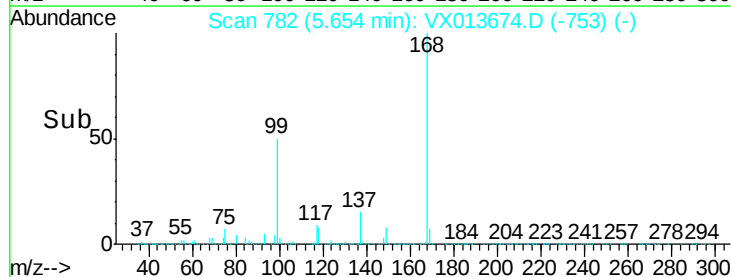
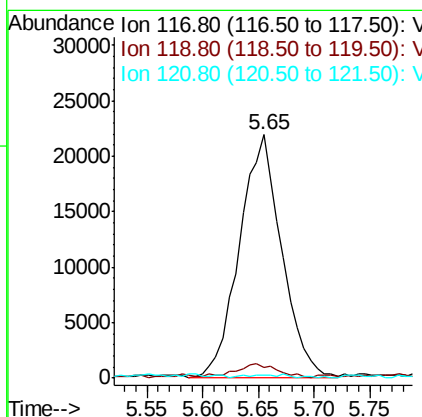
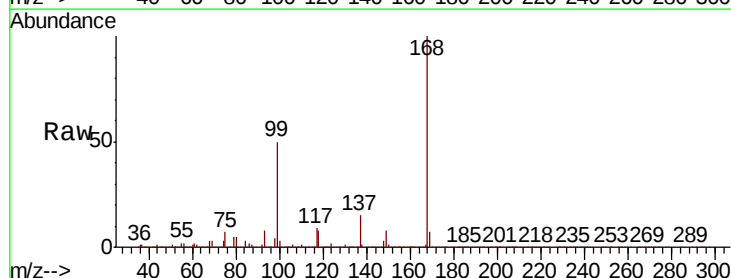
Instrument :
 MSVOA_X
 ClientSampleId :

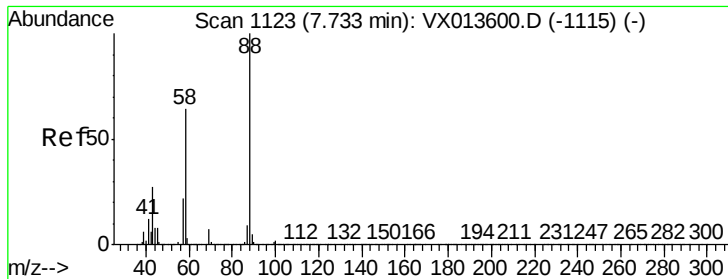
Tot Ion	Ratio	Lower	Upper
75	100		
110	11.8	18.1	54.1#
77	0.6	24.5	36.7#



#38
 Carbon Tetrachloride
 Concen: 6.515 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.12 min
 Lab File: VX013674.D
 Acq: 28 Nov 2019 00:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.0	77.5	116.3#
121	1.3	25.0	37.6#





#49

1,4-Dioxane

Concen: 1.244 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

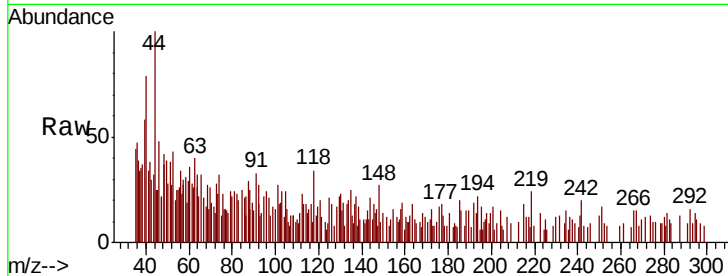
Lab File: VX013674.D

Acq: 28 Nov 2019 00:48

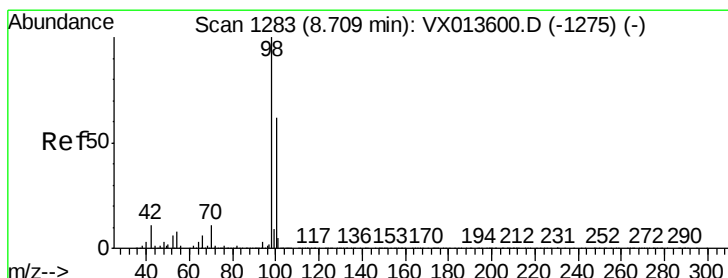
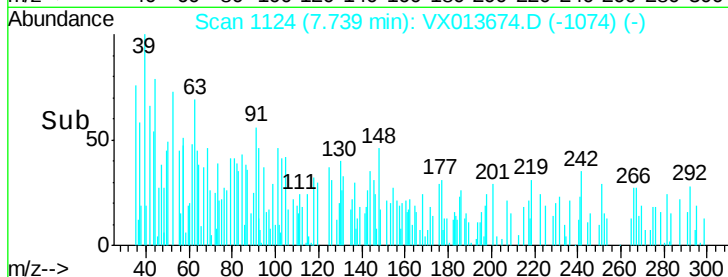
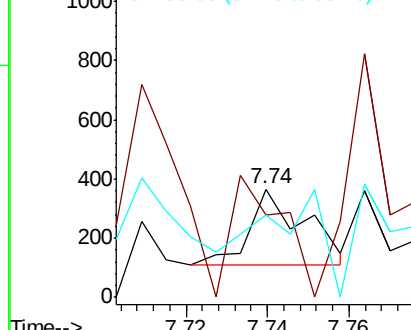
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 242

Ion	Ratio	Lower	Upper
88	100		
43	147.5	25.8	38.6#
58	0.0	54.6	82.0#



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: 48.617 ug/l

RT: 8.71 min Scan# 1283

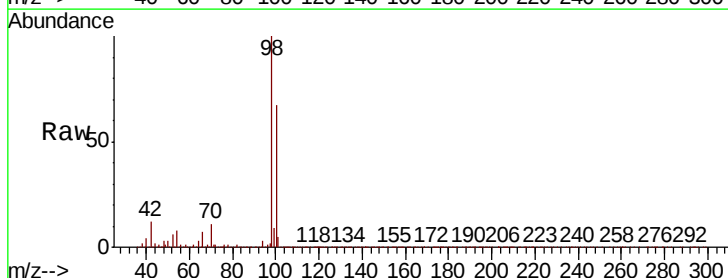
Delta R.T. -0.00 min

Lab File: VX013674.D

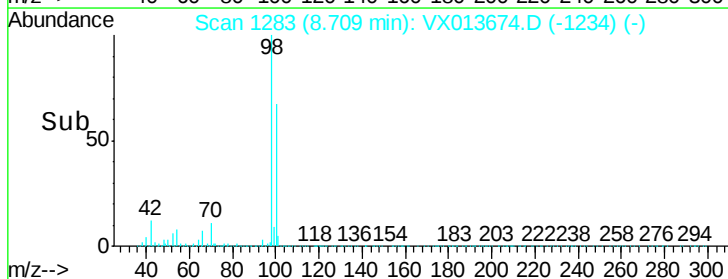
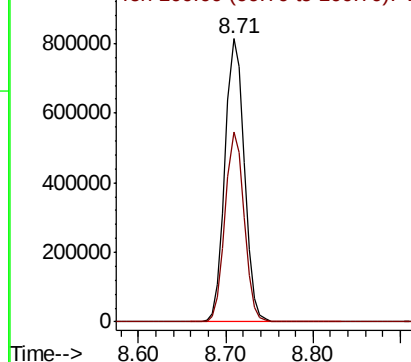
Acq: 28 Nov 2019 00:48

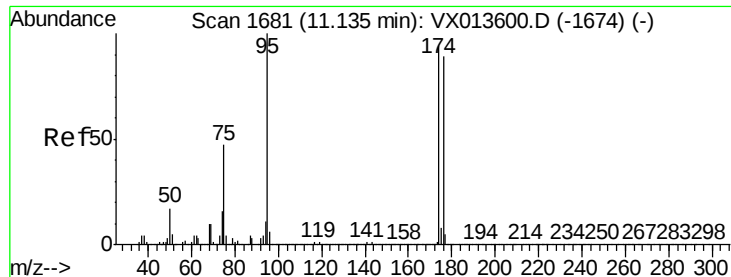
Tgt Ion: 98 Resp: 1249462

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.1	79.7



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





#62

4-Bromofluorobenzene

Concen: 44.790 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013674.D

Acq: 28 Nov 2019 00:48

Instrument :

MSVOA_X

ClientSampleId :

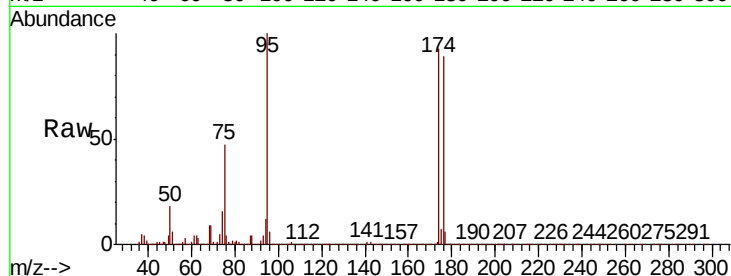
Tot Ion: 95 Resp: 415098

Ion Ratio Lower Upper

95 100

174 89.9 0.0 180.0

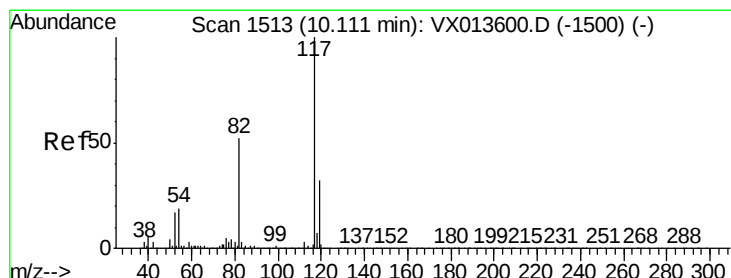
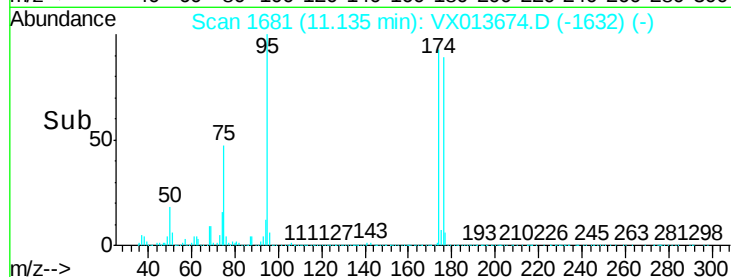
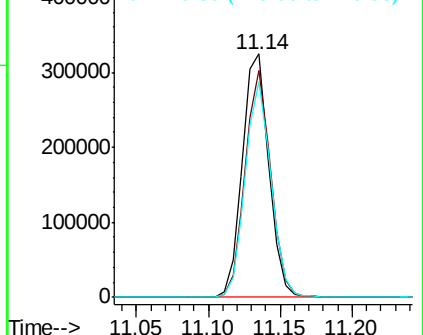
176 86.4 0.0 173.6



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: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013674.D

Acq: 28 Nov 2019 00:48

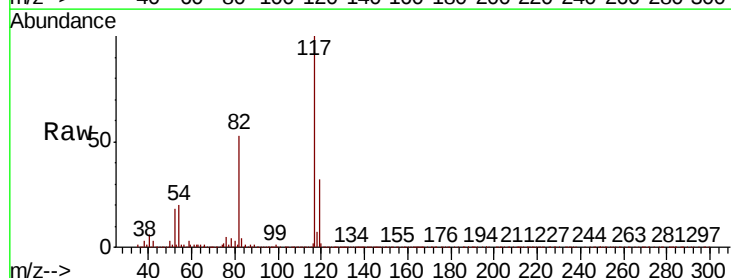
Tgt Ion: 117 Resp: 935962

Ion Ratio Lower Upper

117 100

82 53.0 41.8 62.8

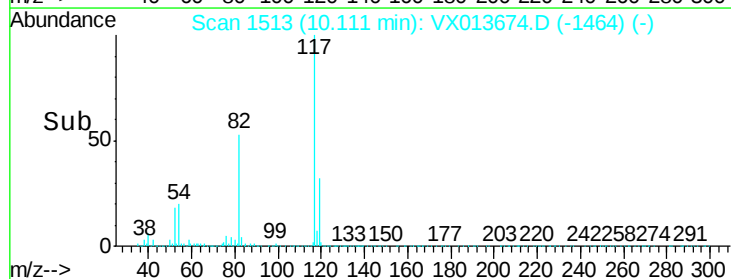
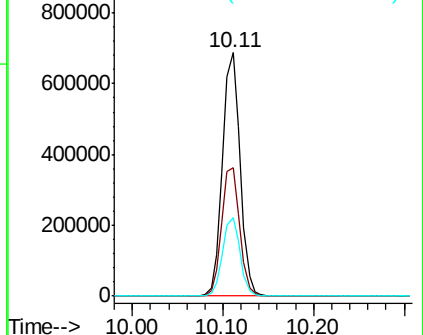
119 32.1 25.8 38.8

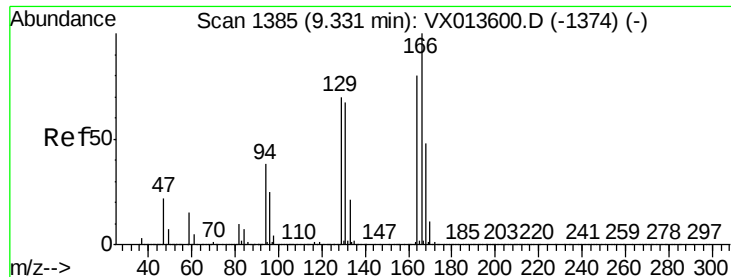


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 0.411 ug/l

RT: 9.33 min Scan# 1385

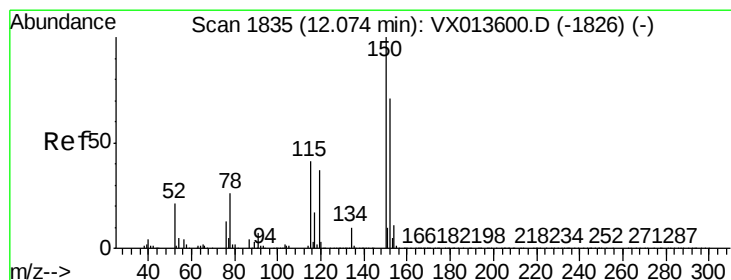
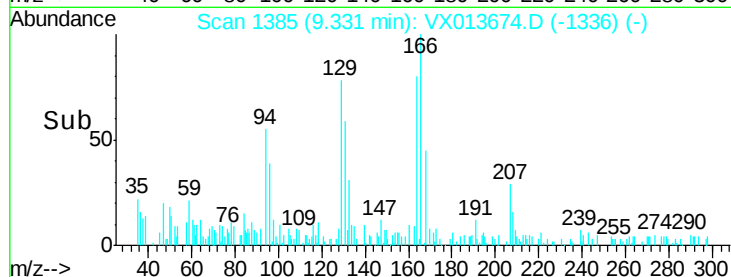
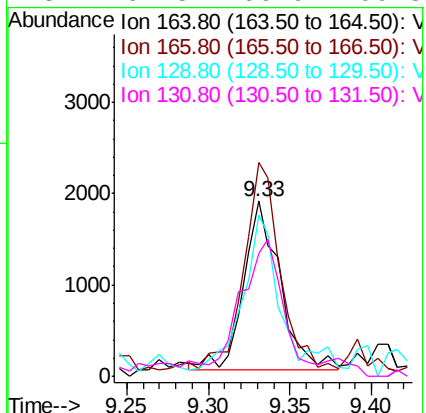
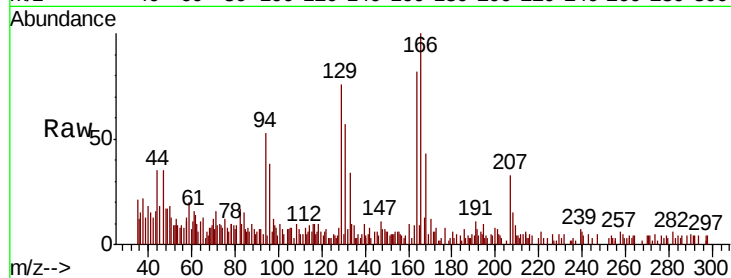
Delta R.T. -0.00 min

Lab File: VX013674.D

Acq: 28 Nov 2019 00:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	164	Resp:	2866
Ion	Ratio	Lower	Upper
164	100		
166	124.7	99.7	149.5
129	92.2	70.1	105.1
131	64.8	66.9	100.3#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

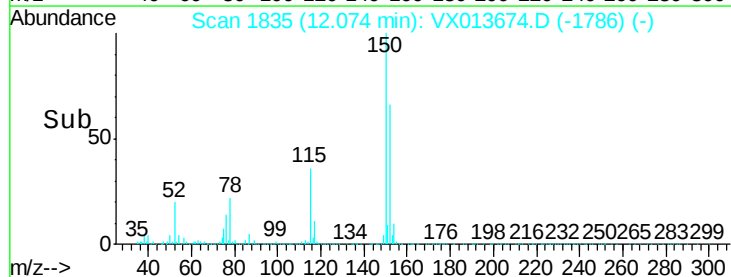
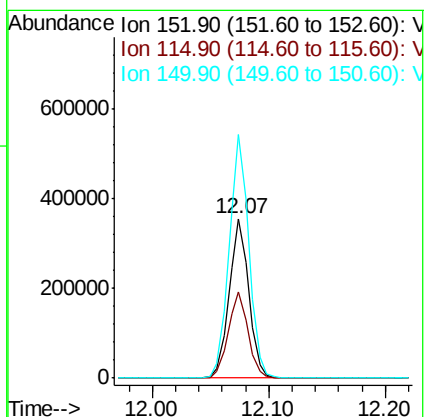
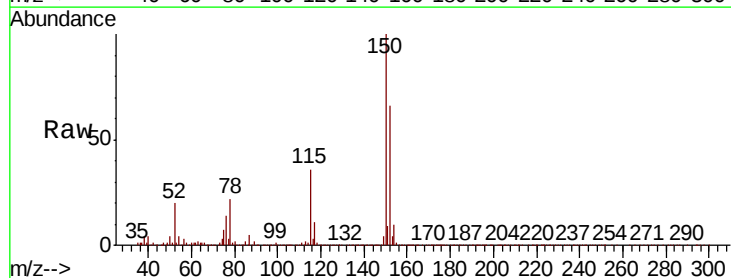
RT: 12.07 min Scan# 1835

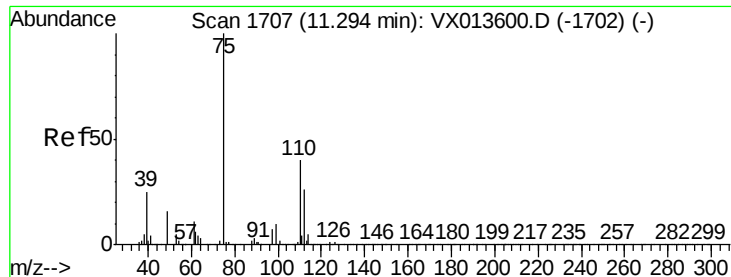
Delta R.T. -0.00 min

Lab File: VX013674.D

Acq: 28 Nov 2019 00:48

Tgt Ion:	152	Resp:	413251
Ion	Ratio	Lower	Upper
152	100		
115	54.1	38.4	115.1
150	153.9	0.0	346.8





#76

1,2,3-Trichloropropane

Concen: 21.787 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX013674.D

Acq: 28 Nov 2019 00:48

Instrument :

MSVOA_X

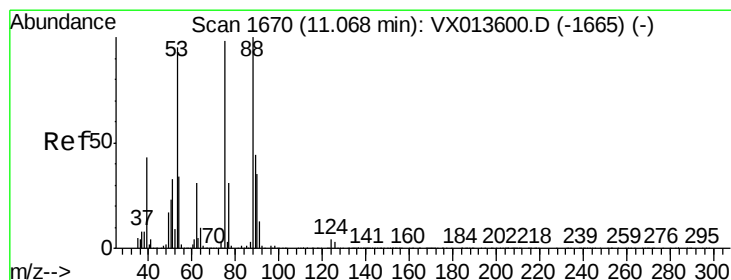
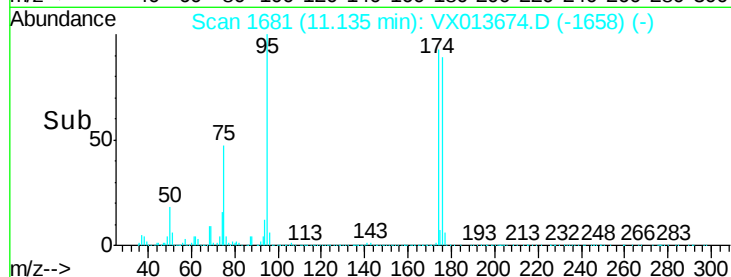
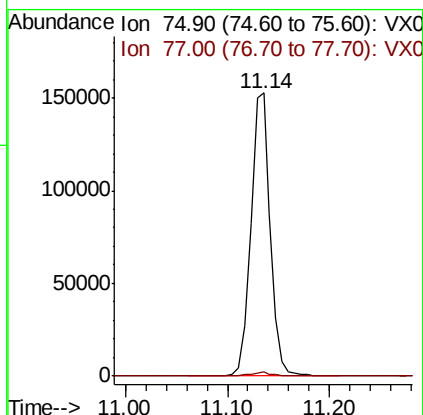
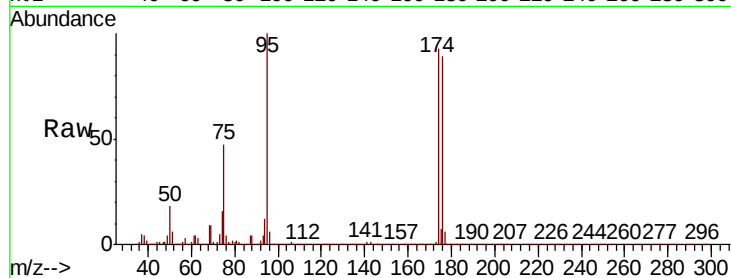
ClientSampleId :

Tot Ion: 75 Resp: 202505

Ion Ratio Lower Upper

75 100

77 1.5 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 59.605 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX013674.D

Acq: 28 Nov 2019 00:48

Tgt Ion: 75 Resp: 202505

Ion Ratio Lower Upper

75 100

53 0.2 78.2 117.2#

89 0.3 35.4 53.2#

