

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101419\
 Data File : VX013041.D
 Acq On : 14 Oct 2019 11:03
 Operator : JC/SP
 Sample : K5336-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 15 01:22:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	180787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	297377	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	105564	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	112362	49.73	ug/l	0.00
Spiked Amount			Recovery	=	99.46%	
35) Dibromofluoromethane	5.49	113	88693	51.96	ug/l	0.00
Spiked Amount			Recovery	=	103.92%	
50) Toluene-d8	8.71	98	346018	51.98	ug/l	0.00
Spiked Amount			Recovery	=	103.96%	
62) 4-Bromofluorobenzene	11.13	95	119386	46.16	ug/l	0.00
Spiked Amount			Recovery	=	92.32%	

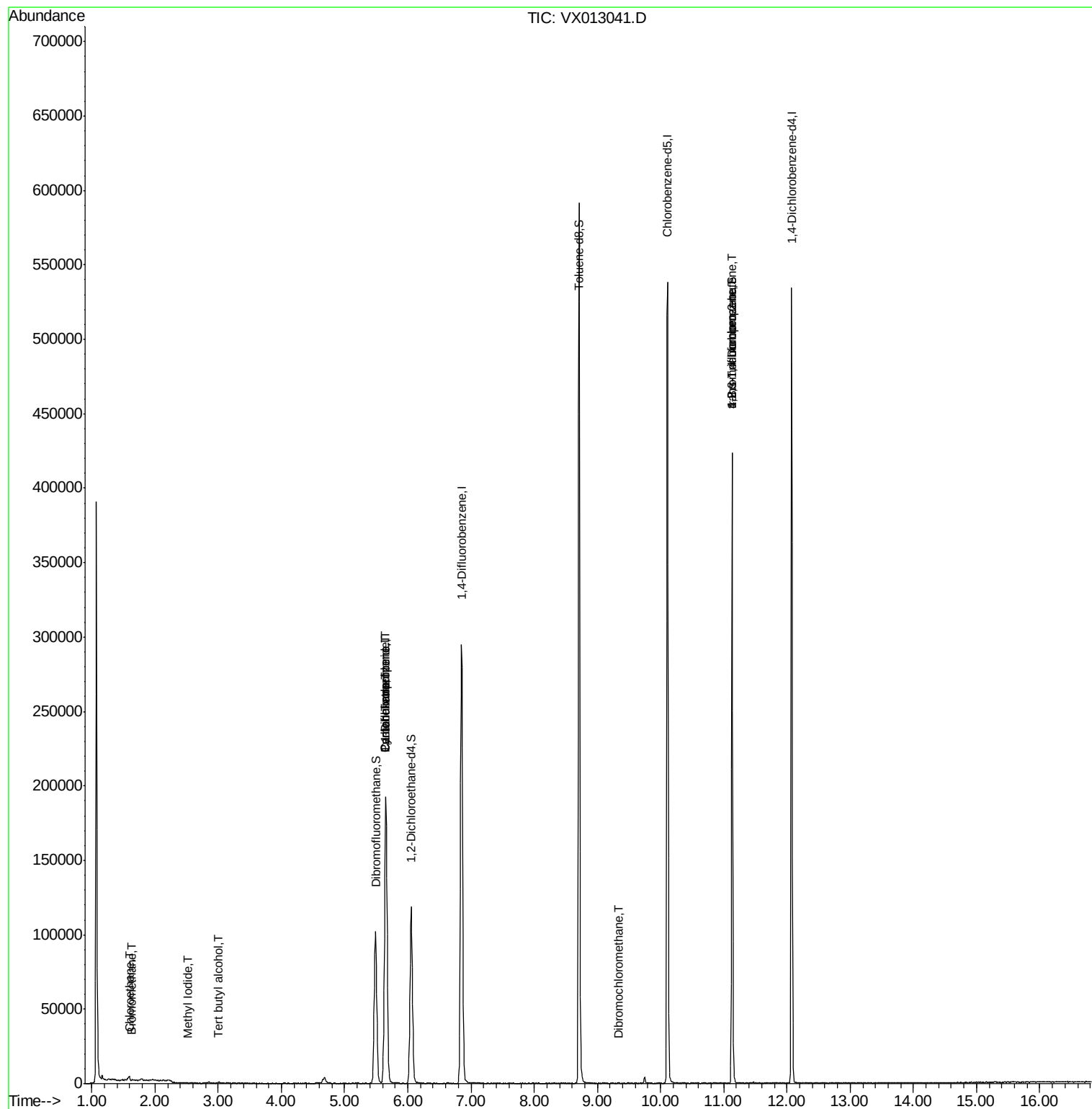
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	342	0.397	ug/l #	71
6) Chloroethane	1.59	64	21	0.384	ug/l #	1
10) Methyl Iodide	2.52	142	193	5.166	ug/l #	40
11) Tert butyl alcohol	3.00	59	673	1.124	ug/l #	72
28) Bromochloromethane	5.19	49	20	Below Cal	#	13
31) Cyclohexane	5.65	56	3545	1.081	ug/l #	5
36) 1,1-Dichloropropene	5.65	75	14344	5.486	ug/l #	47
38) Carbon Tetrachloride	5.65	117	18851	7.407	ug/l #	16
60) Dibromochloromethane	9.34	129	19	1.865	ug/l #	10
76) 1,2,3-Trichloropropane	11.13	75	60215	25.718	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	60215	64.814	ug/l #	10

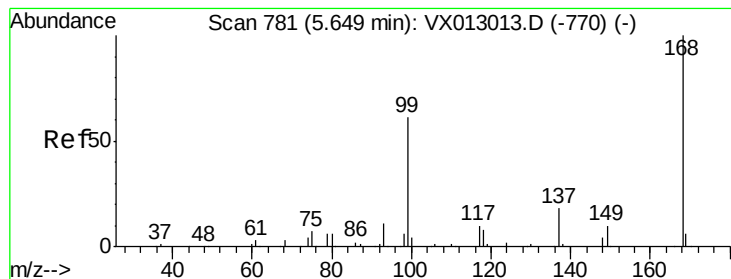
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 11 09:48:22 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX013041.D

Acq: 14 Oct 2019 11:03

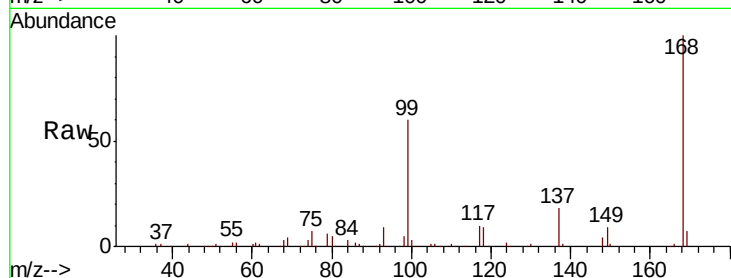
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 180787

Ion Ratio Lower Upper

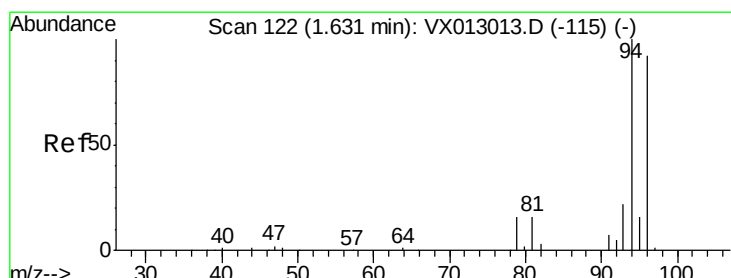
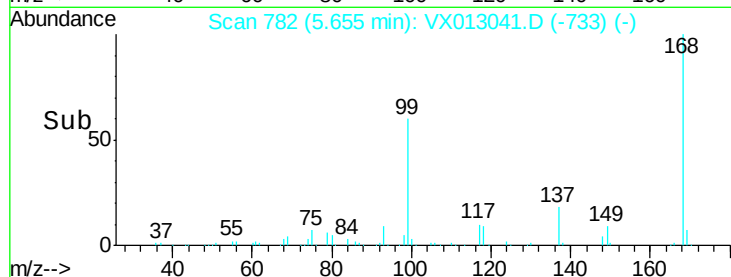
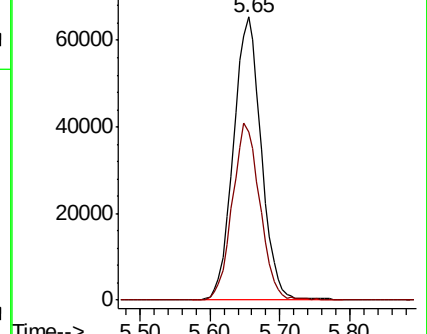
168 100

99 59.6 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.397 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX013041.D

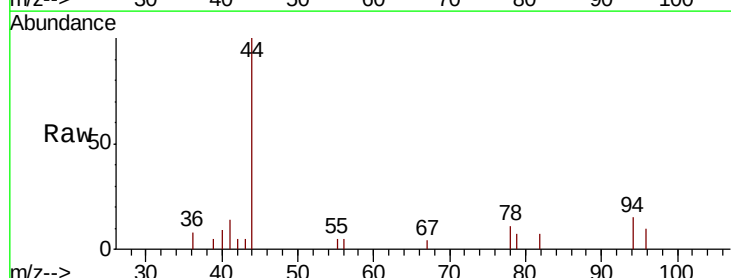
Acq: 14 Oct 2019 11:03

Tgt Ion: 94 Resp: 342

Ion Ratio Lower Upper

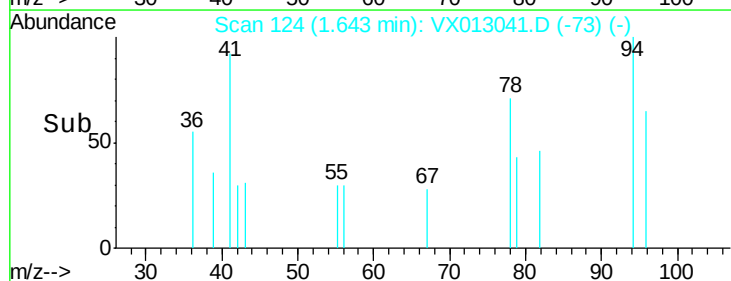
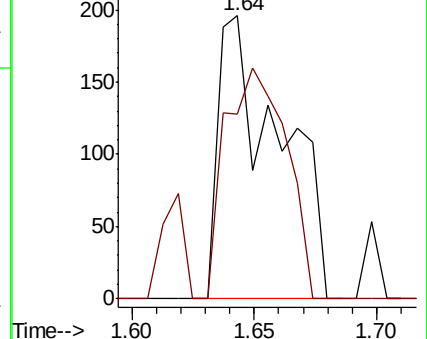
94 100

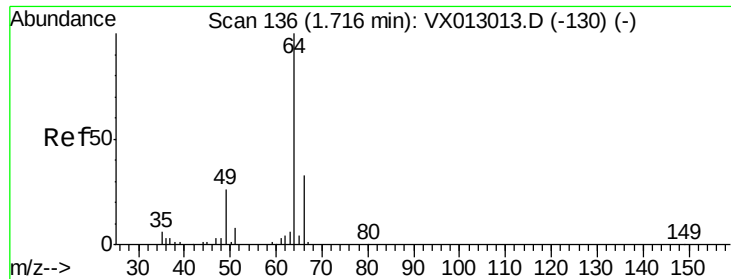
96 65.3 74.7 112.1#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

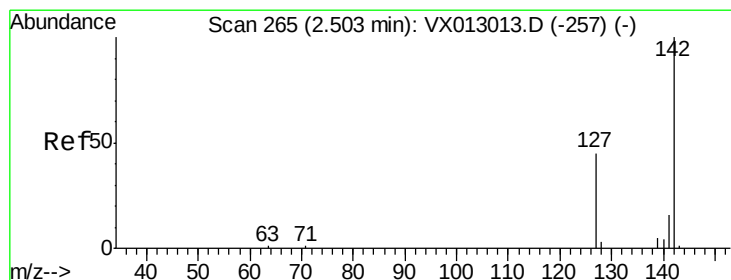
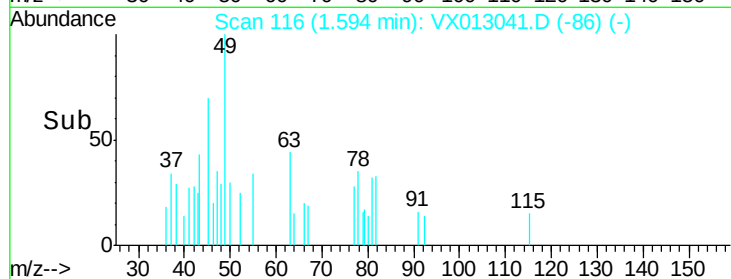
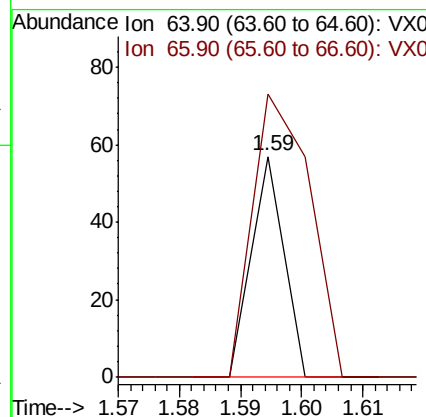
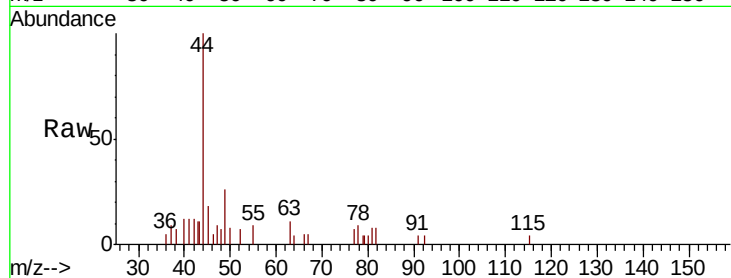




#6
Chloroethane
Concen: 0.384 ug/l
RT: 1.59 min Scan# 116
Delta R.T. -0.12 min
Lab File: VX013041.D
Acq: 14 Oct 2019 11:03

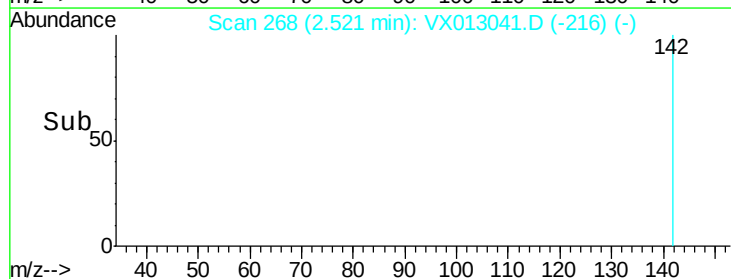
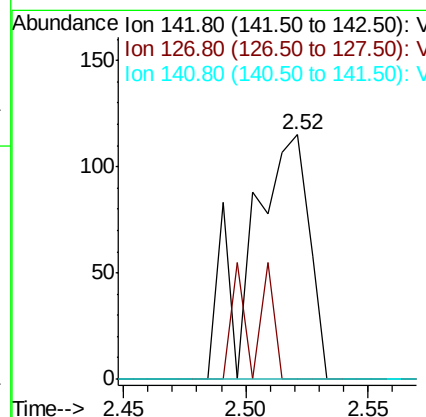
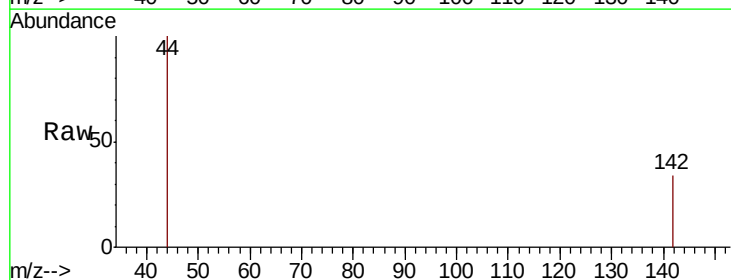
Instrument :
MSVOA_X
ClientSampleId :

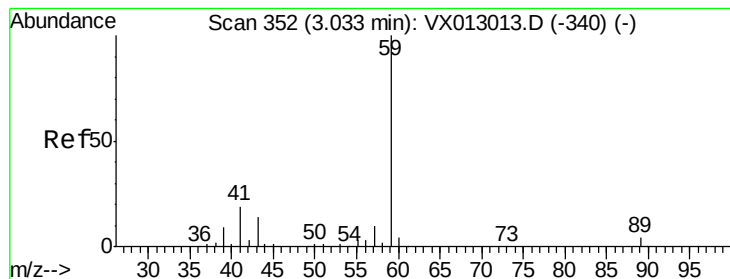
Tot Ion: 64 Resp: 21
Ion Ratio Lower Upper
64 100
66 128.1 25.6 38.4#



#10
Methyl Iodide
Concen: 5.166 ug/l
RT: 2.52 min Scan# 268
Delta R.T. 0.02 min
Lab File: VX013041.D
Acq: 14 Oct 2019 11:03

Tgt Ion: 142 Resp: 193
Ion Ratio Lower Upper
142 100
127 0.0 34.9 52.3#
141 0.0 11.6 17.4#



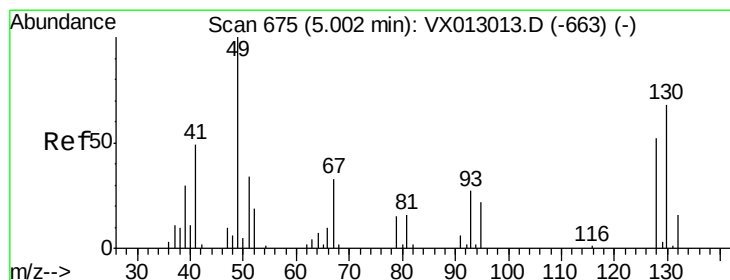
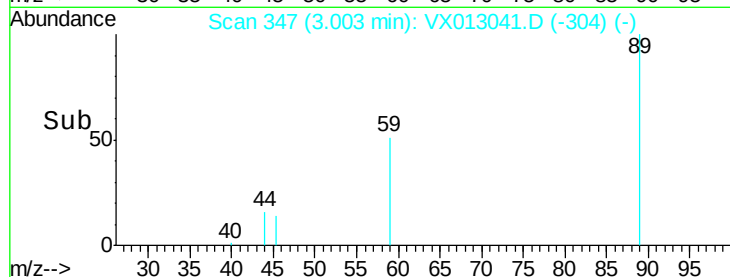
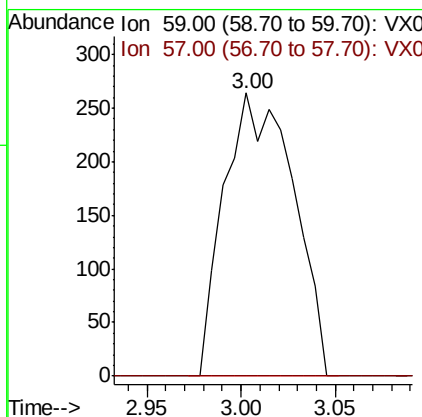
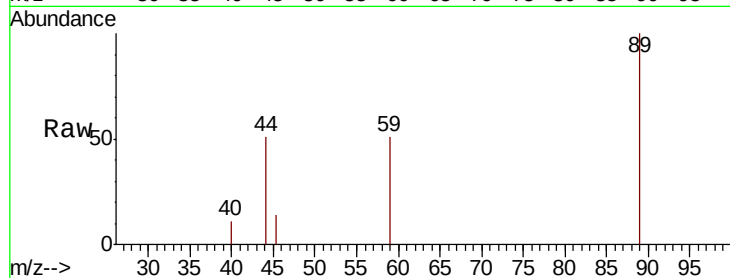


#11

Tert butyl alcohol
 Concen: 1.124 ug/l
 RT: 3.00 min Scan# 347
 Delta R.T. -0.04 min
 Lab File: VX013041.D
 Acq: 14 Oct 2019 11:03

Instrument :
 MSVOA_X
 ClientSampleId :

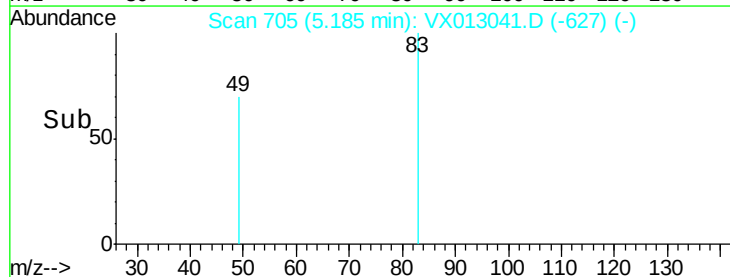
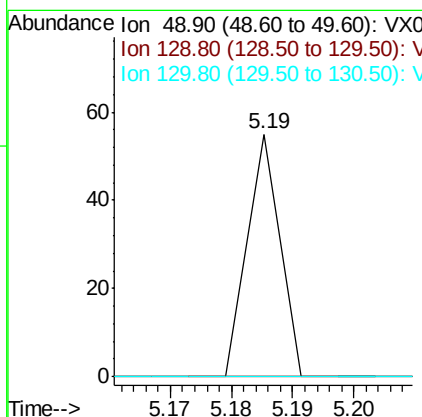
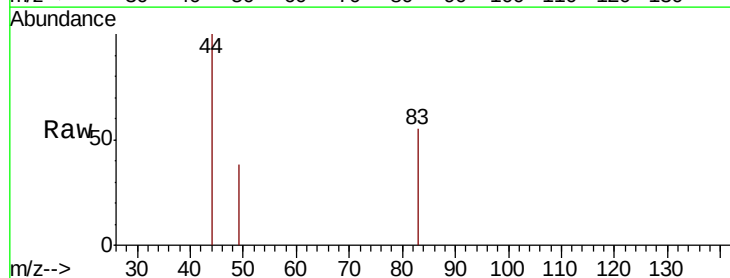
Tot Ion: 59 Resp: 673
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

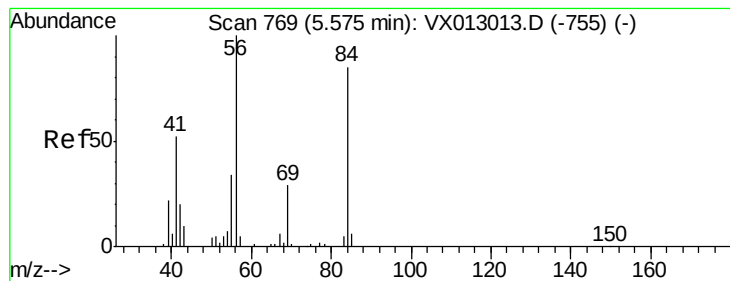


#28

Bromochloromethane
 Concen: Below Cal
 RT: 5.19 min Scan# 705
 Delta R.T. 0.18 min
 Lab File: VX013041.D
 Acq: 14 Oct 2019 11:03

Tgt Ion: 49 Resp: 20
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.2
 130 0.0 62.1 93.1#





#31

Cyclohexane

Concen: 1.081 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.08 min

Lab File: VX013041.D

Acq: 14 Oct 2019 11:03

Instrument :

MSVOA_X

ClientSampled :

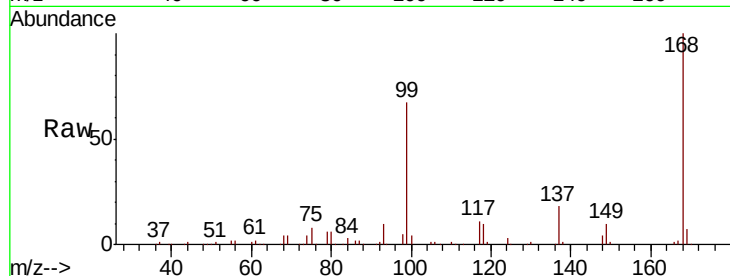
Tot Ion: 56 Resp: 3545

Ion Ratio Lower Upper

56 100

69 169.9 25.2 37.8#

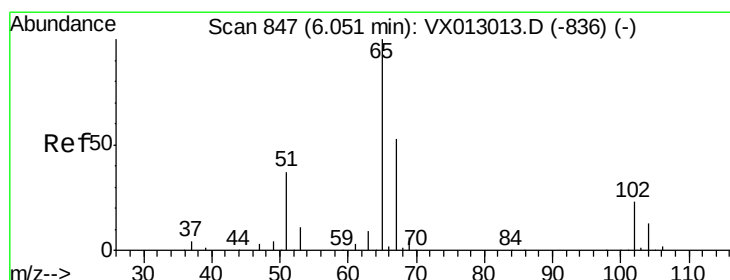
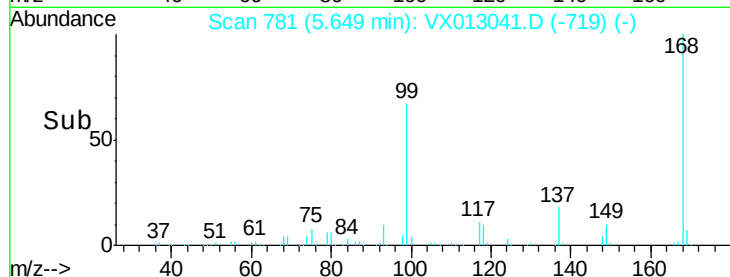
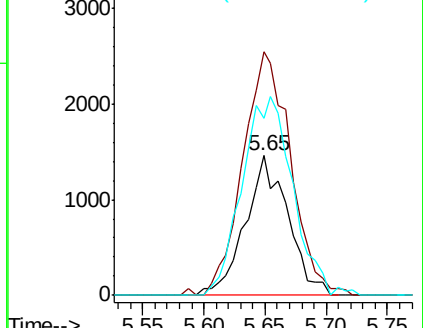
84 126.8 71.3 106.9#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.726 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX013041.D

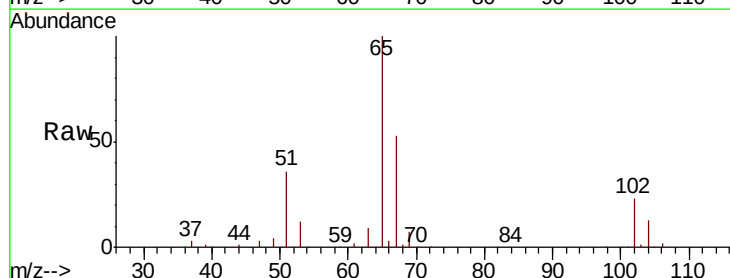
Acq: 14 Oct 2019 11:03

Tgt Ion: 65 Resp: 112362

Ion Ratio Lower Upper

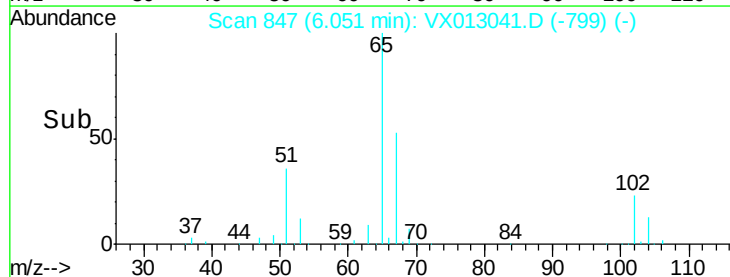
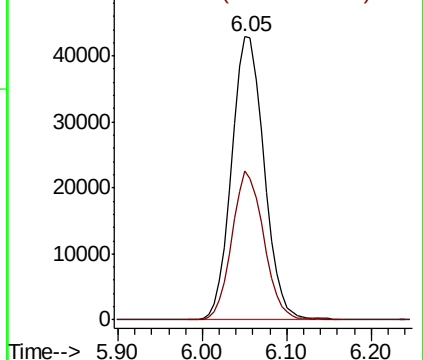
65 100

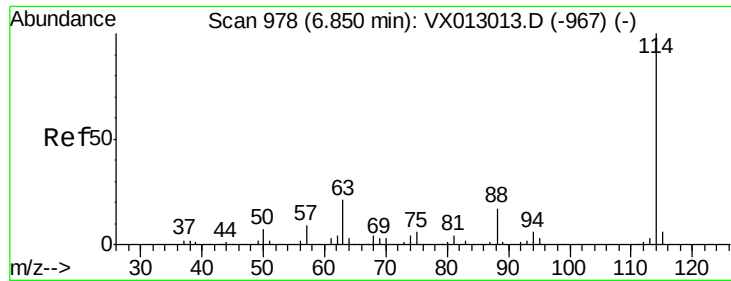
67 51.6 0.0 104.4



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: VX013041.D

Acq: 14 Oct 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

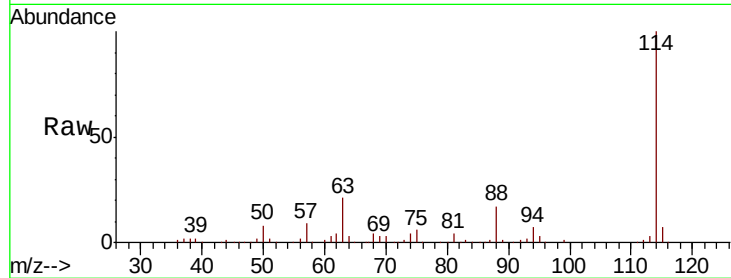
Tot Ion:114 Resp: 297377

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.8

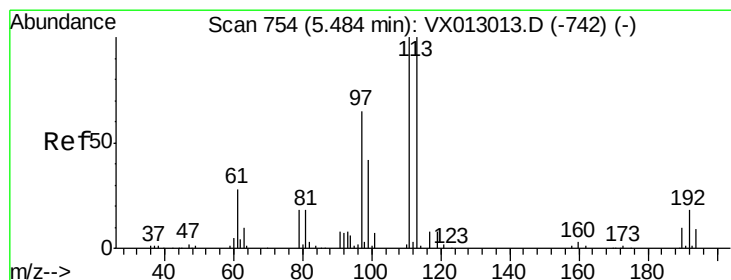
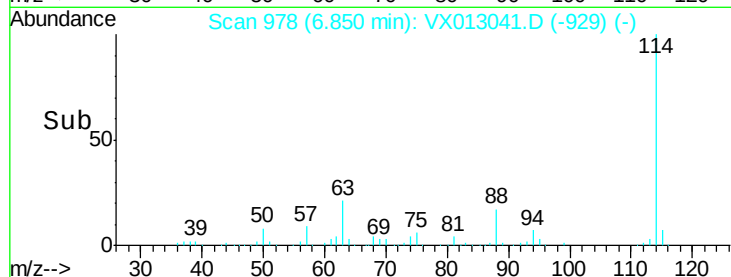
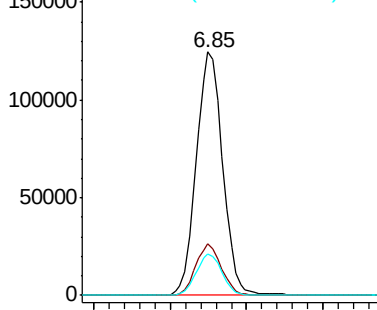
88 17.1 0.0 33.8



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: 51.965 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013041.D

Acq: 14 Oct 2019 11:03

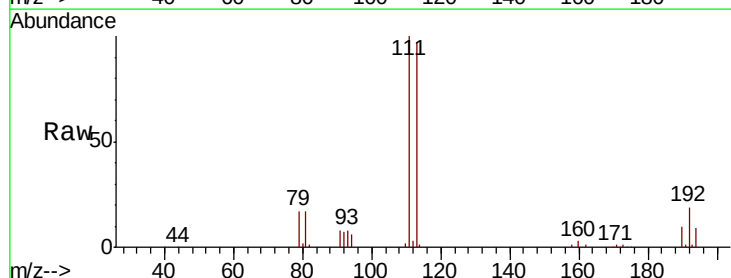
Tgt Ion:113 Resp: 88693

Ion Ratio Lower Upper

113 100

111 104.1 83.2 124.8

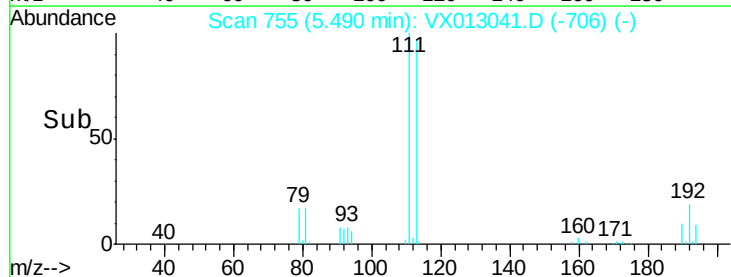
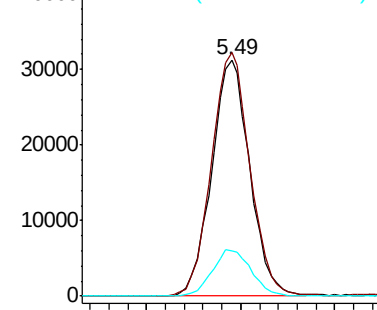
192 20.1 15.4 23.2

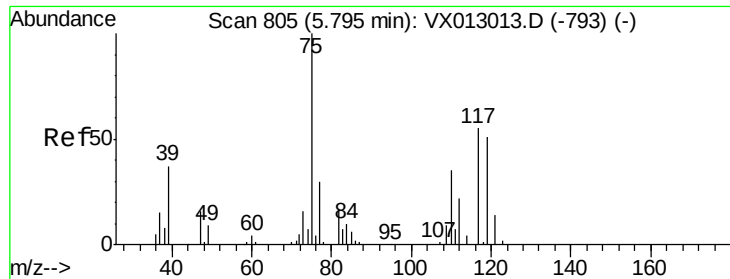


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

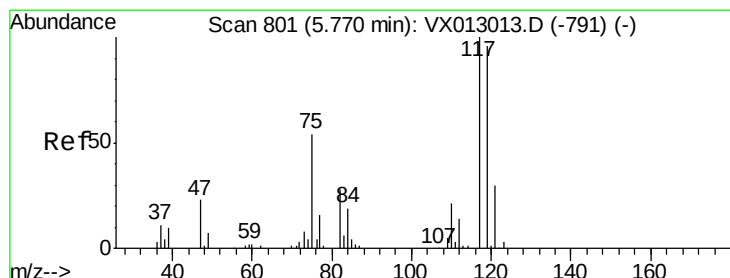
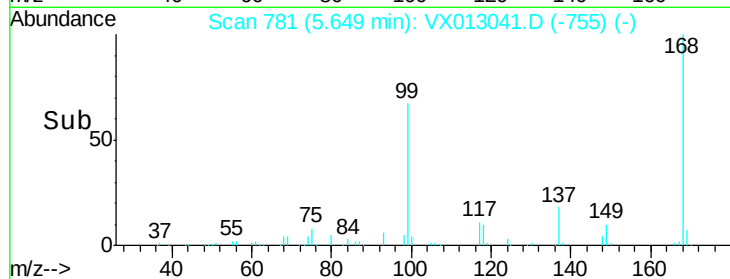
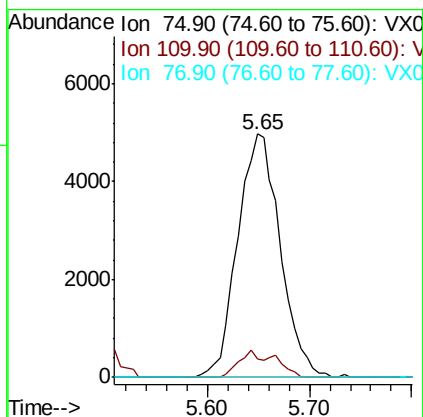
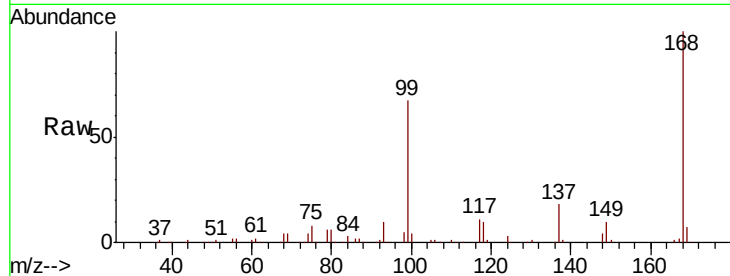




#36
 1,1-Dichloropropene
 Concen: 5.486 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX013041.D
 Acq: 14 Oct 2019 11:03

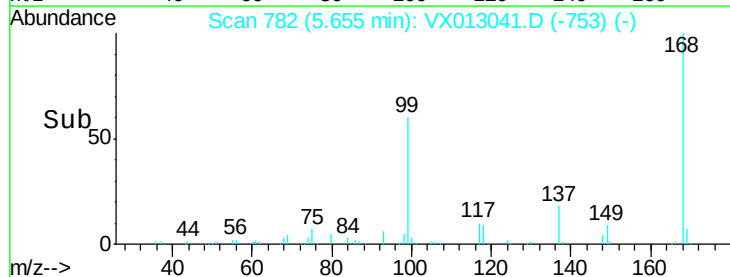
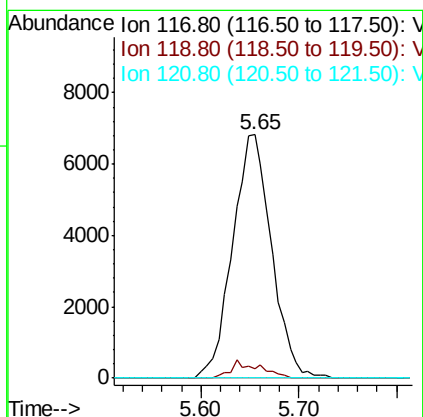
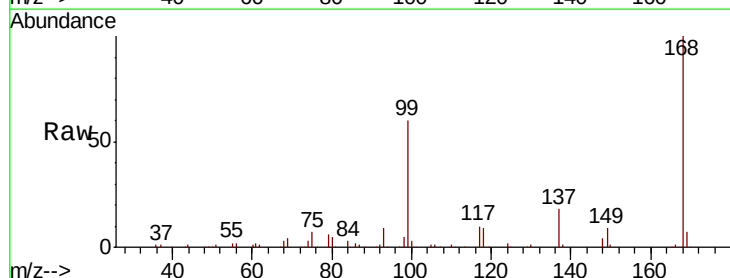
Instrument :
 MSVOA_X
 ClientSampleId :

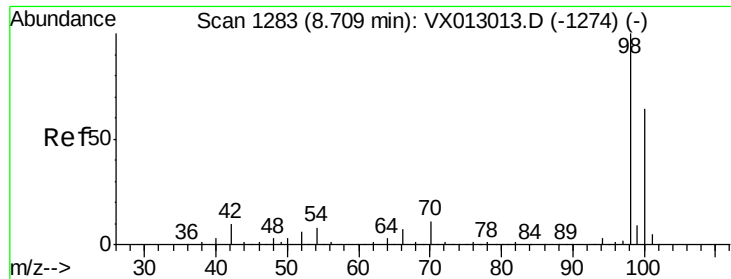
Tot Ion: 75 Resp: 14344
 Ion Ratio Lower Upper
 75 100
 110 5.8 17.6 52.9#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 7.407 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.12 min
 Lab File: VX013041.D
 Acq: 14 Oct 2019 11:03

Tgt Ion: 117 Resp: 18851
 Ion Ratio Lower Upper
 117 100
 119 3.6 74.5 111.7#
 121 0.0 24.2 36.4#

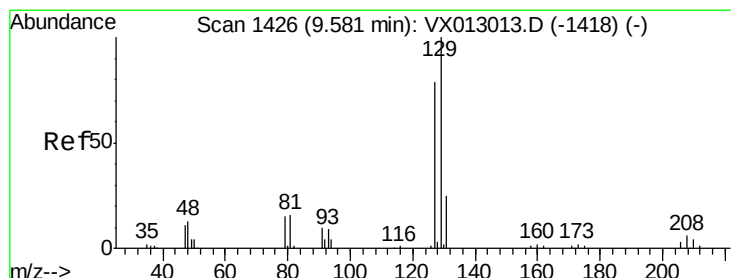
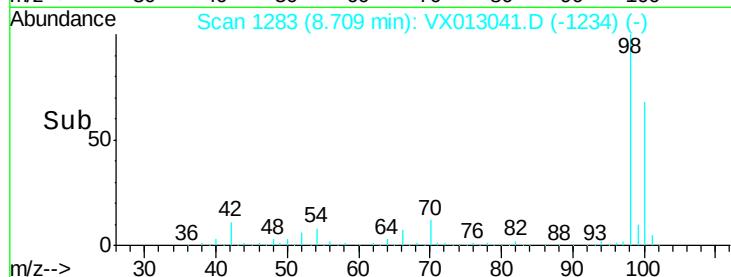
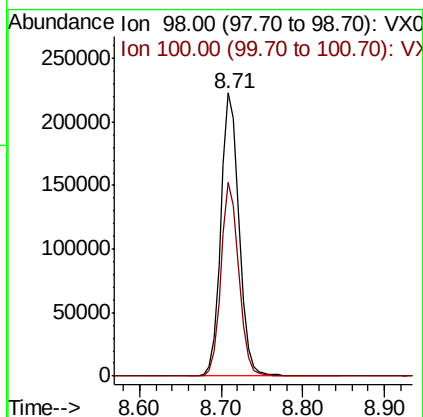
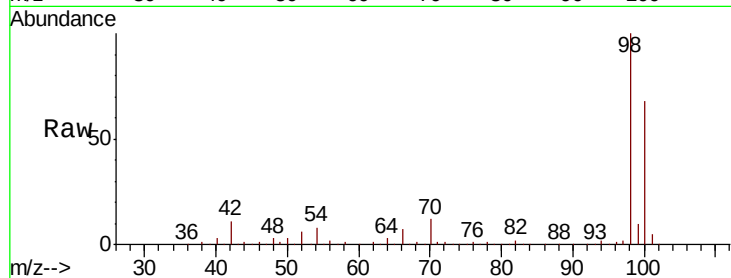




#50
Toluene-d8
Concen: 51.979 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013041.D
Acq: 14 Oct 2019 11:03

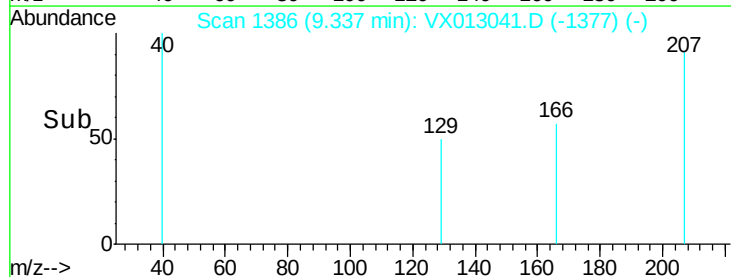
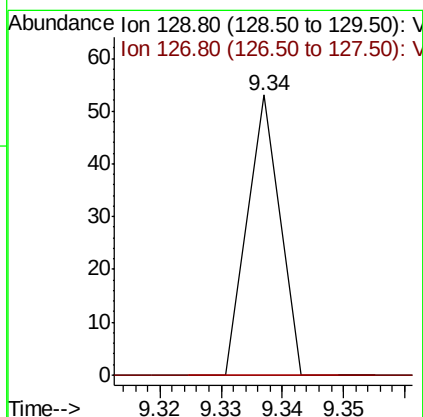
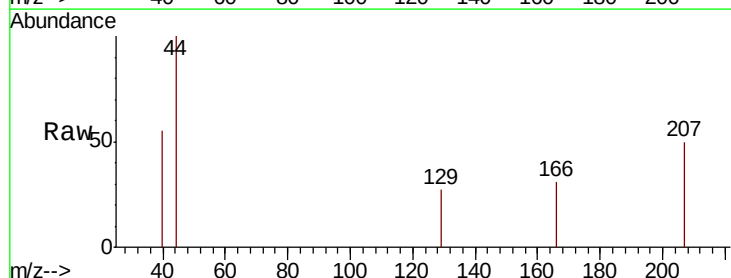
Instrument :
MSVOA_X
ClientSampled :

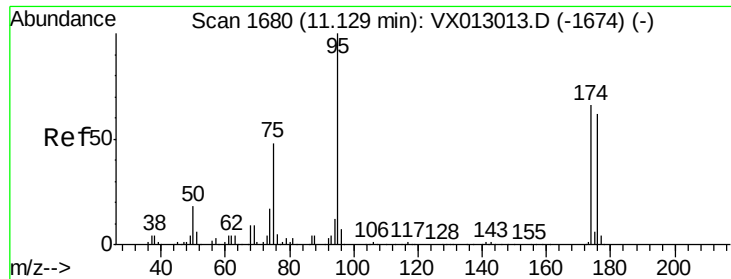
Tot Ion: 98 Resp: 346018
Ion Ratio Lower Upper
98 100
100 67.0 53.4 80.2



#60
Dibromochloromethane
Concen: 1.865 ug/l
RT: 9.34 min Scan# 1386
Delta R.T. -0.24 min
Lab File: VX013041.D
Acq: 14 Oct 2019 11:03

Tgt Ion: 129 Resp: 19
Ion Ratio Lower Upper
129 100
127 0.0 38.9 116.7#

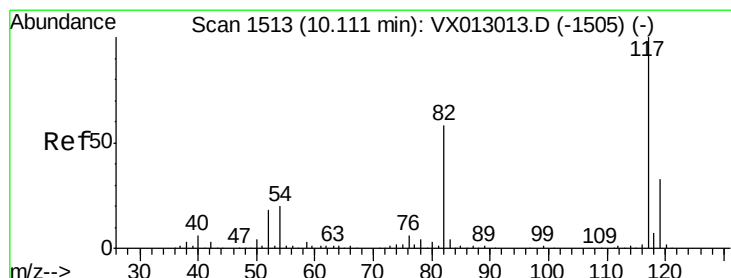
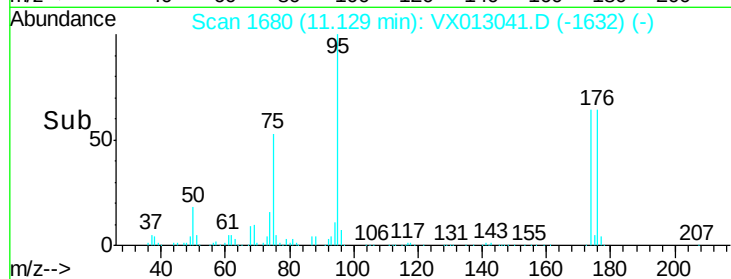
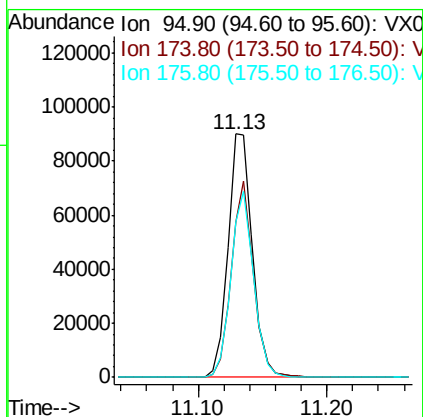
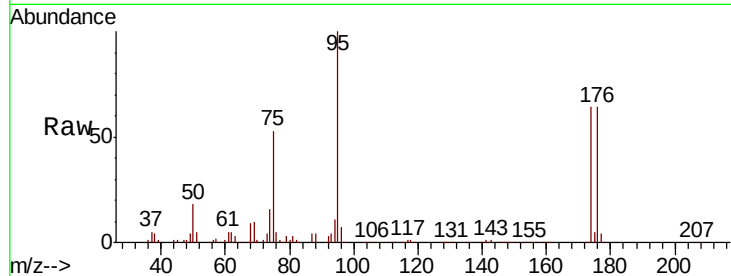




#62
4-Bromofluorobenzene
Concen: 46.156 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013041.D
Acq: 14 Oct 2019 11:03

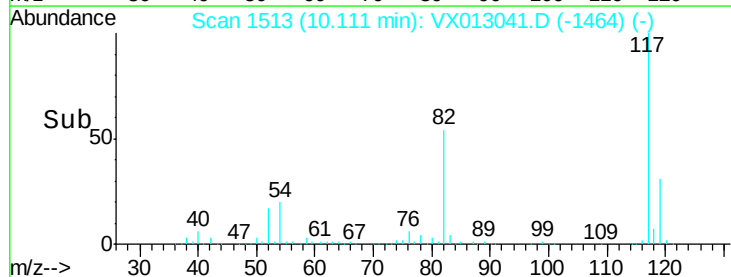
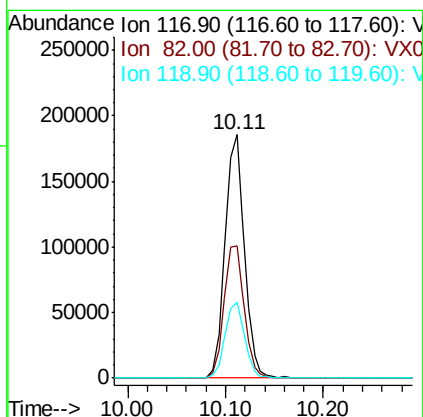
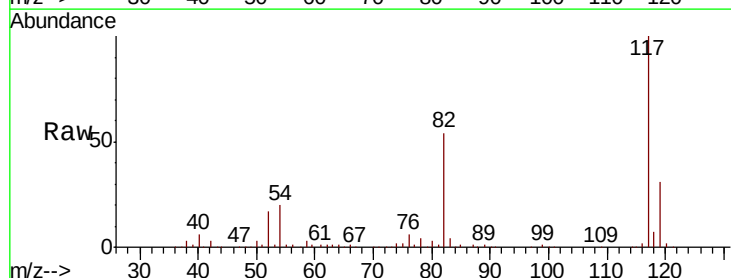
Instrument :
MSVOA_X
ClientSampleId :

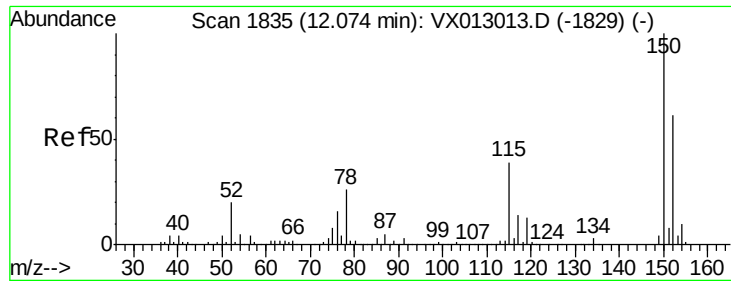
Tot Ion: 95 Resp: 119386
Ion Ratio Lower Upper
95 100
174 73.3 0.0 143.4
176 71.7 0.0 136.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013041.D
Acq: 14 Oct 2019 11:03

Tgt Ion: 117 Resp: 255328
Ion Ratio Lower Upper
117 100
82 54.1 44.1 66.1
119 31.4 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013041.D

Acq: 14 Oct 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

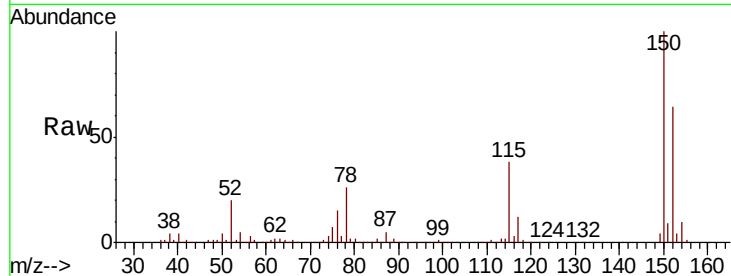
Tot Ion:152 Resp: 105564

Ion Ratio Lower Upper

152 100

115 62.8 44.5 133.5

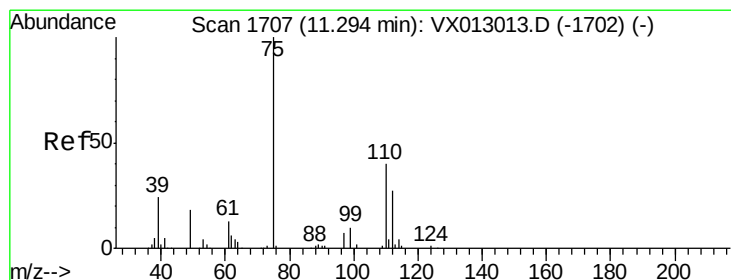
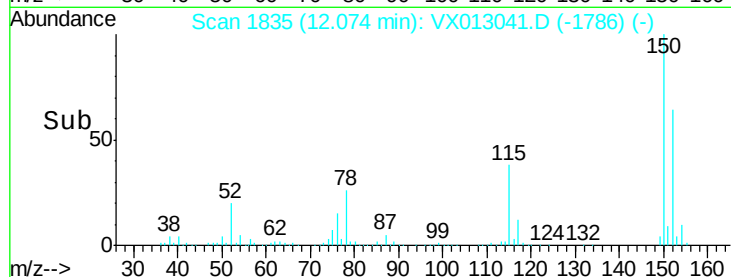
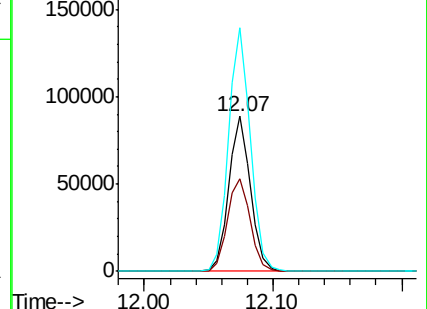
150 157.9 0.0 353.4



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: 25.718 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX013041.D

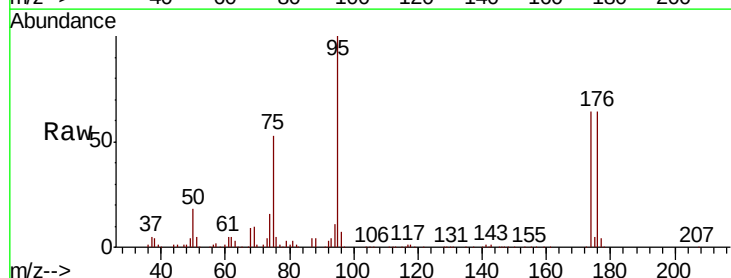
Acq: 14 Oct 2019 11:03

Tgt Ion: 75 Resp: 60215

Ion Ratio Lower Upper

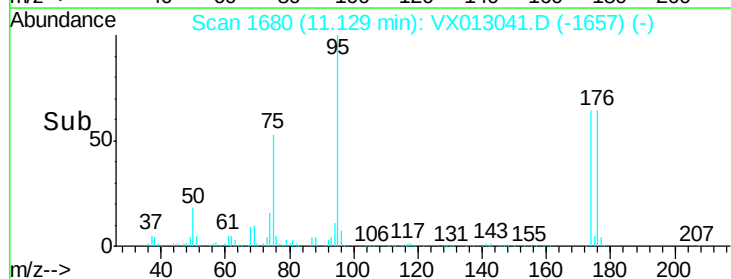
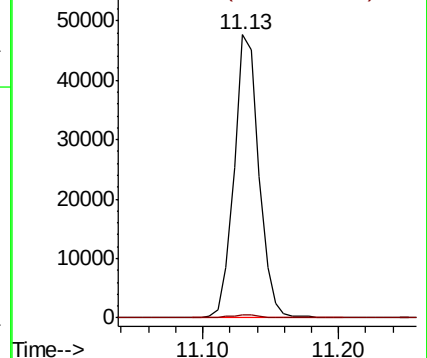
75 100

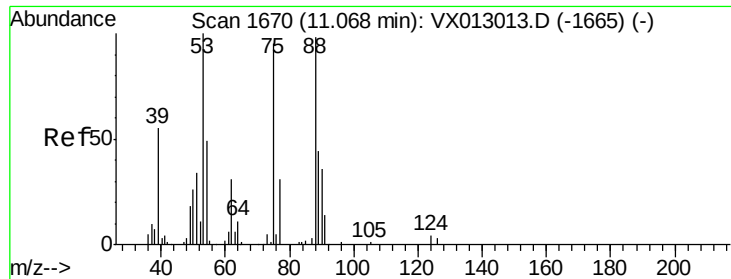
77 1.3 22.9 68.8#



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: 64.814 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX013041.D

Acq: 14 Oct 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 60215

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.0 37.4 56.2#

