

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX0137858.D
 Acq On : 09 Dec 2019 18:07
 Operator : JC/SP
 Sample : K6185-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 10 04:32:35 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	610260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	946835	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	839941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	360711	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	337253	47.61	ug/l	0.00
Spiked Amount			Recovery	=	95.22%	
35) Dibromofluoromethane	5.49	113	282861	48.32	ug/l	0.00
Spiked Amount			Recovery	=	96.64%	
50) Toluene-d8	8.71	98	1100624	48.26	ug/l	0.00
Spiked Amount			Recovery	=	96.52%	
62) 4-Bromofluorobenzene	11.14	95	366862	44.61	ug/l	0.00
Spiked Amount			Recovery	=	89.22%	

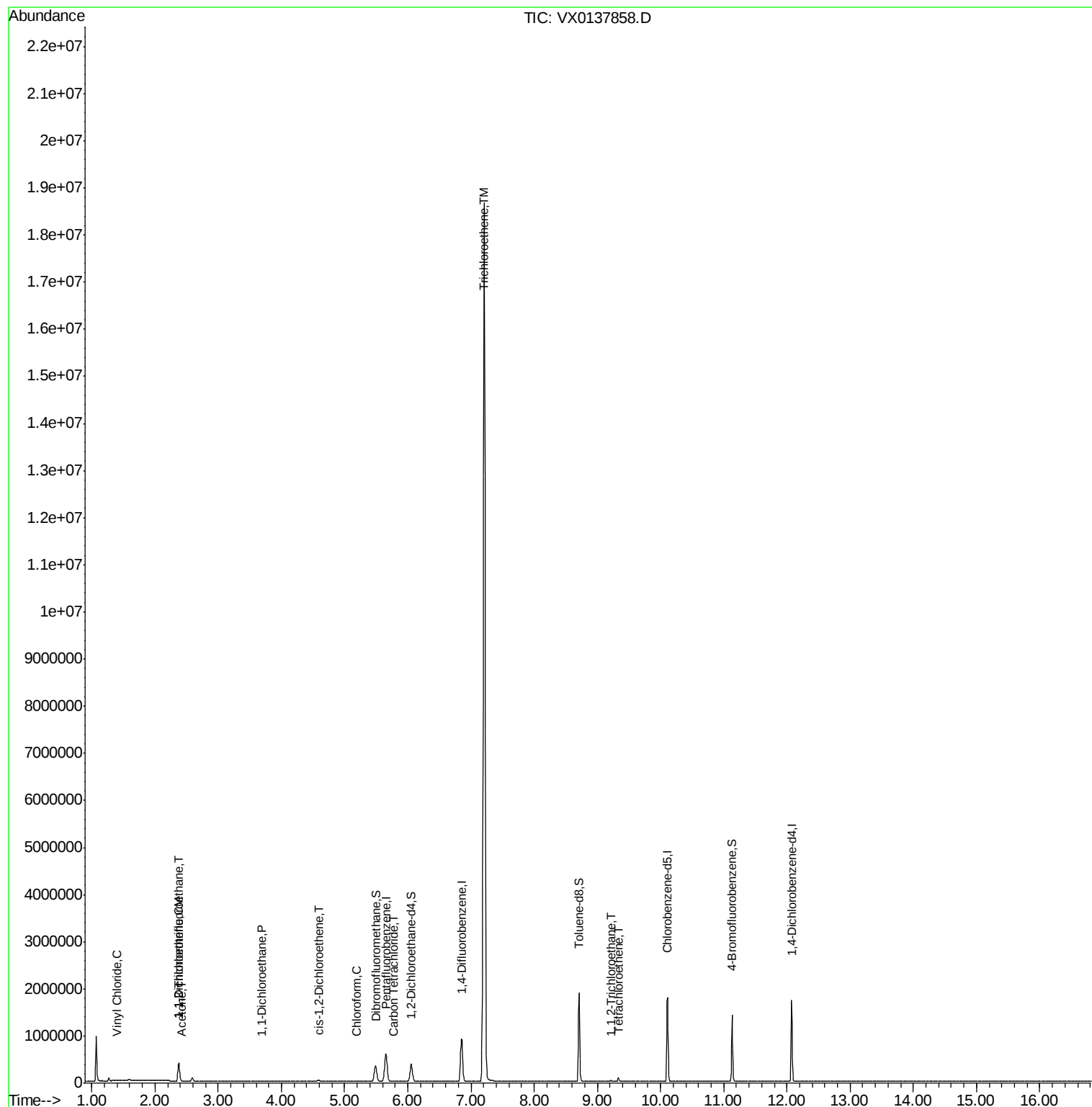
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	5925	0.691	ug/l #	75
9) 1,1,2-Trichlorotrifluoroet	2.37	101	134310	23.084	ug/l	99
12) 1,1-Dichloroethene	2.37	96	36959	6.364	ug/l	97
16) Acetone	2.43	43	5603	1.602	ug/l	89
24) 1,1-Dichloroethane	3.69	63	16511	1.488	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	19105	2.629	ug/l	85
30) Chloroform	5.20	83	9810	0.872	ug/l	93
38) Carbon Tetrachloride	5.78	117	10480	1.322	ug/l	89
44) Trichloroethene	7.21	130	7287317	1014.347	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	5414	0.826	ug/l	92
64) Tetrachloroethene	9.33	164	15889	2.537	ug/l #	86

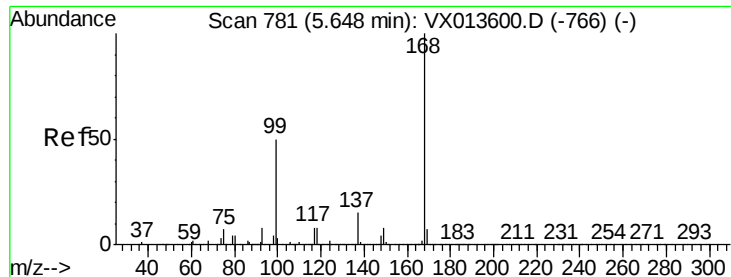
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120919\
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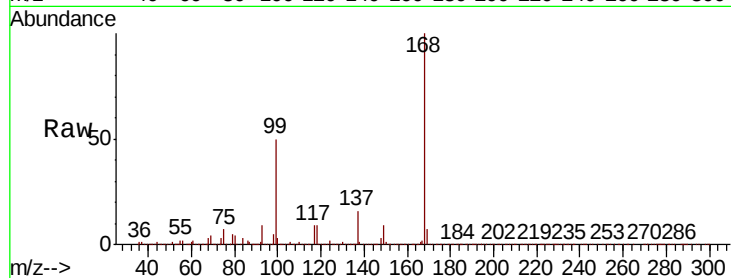


#1

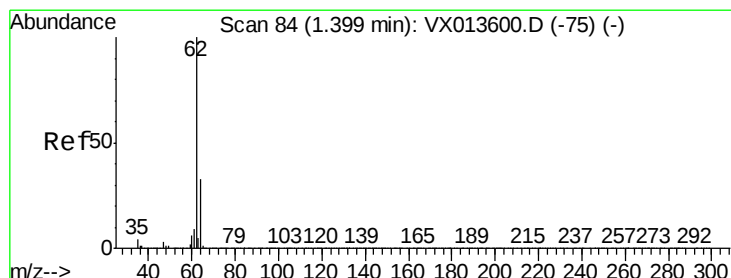
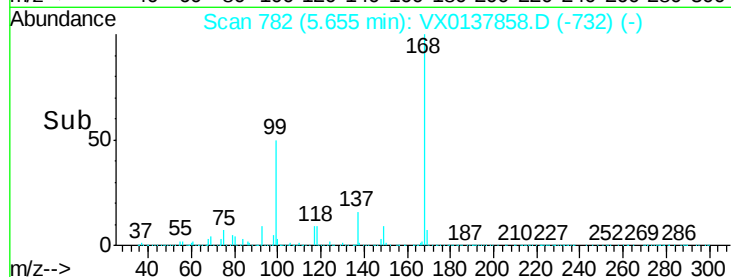
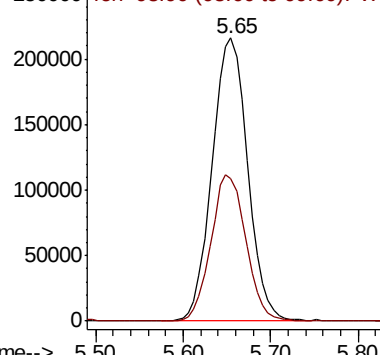
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX0137858.D
 Acq: 09 Dec 2019 18:07

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:168 Resp: 610260
 Ion Ratio Lower Upper
 168 100
 99 50.2 39.8 59.8



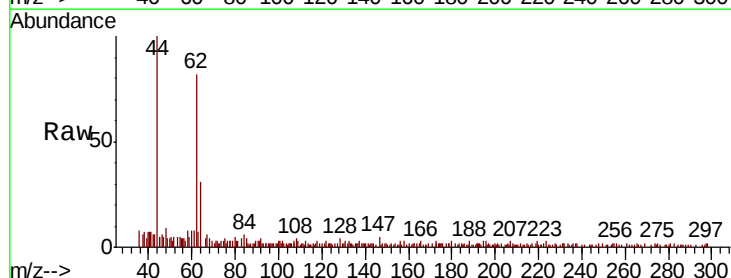
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



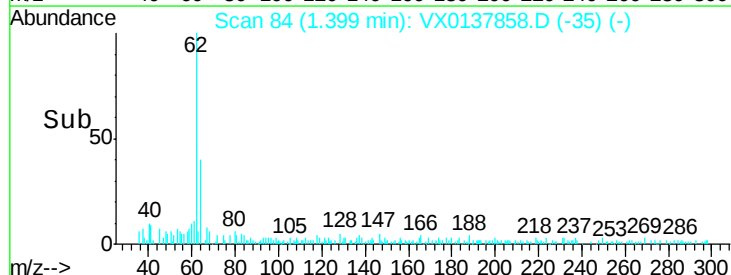
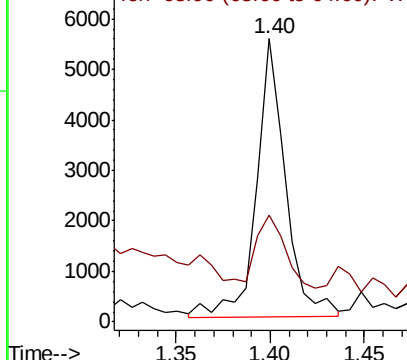
#4

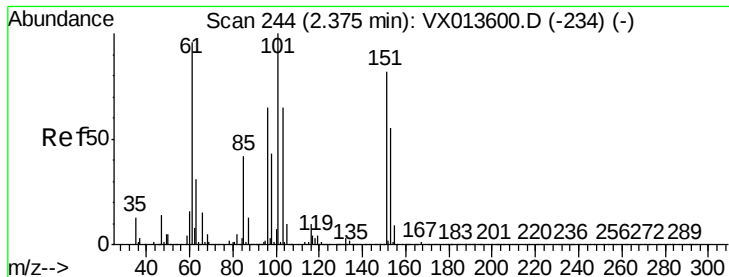
Vinyl Chloride
 Concen: 0.691 ug/l
 RT: 1.40 min Scan# 84
 Delta R.T. 0.00 min
 Lab File: VX0137858.D
 Acq: 09 Dec 2019 18:07

Tgt Ion: 62 Resp: 5925
 Ion Ratio Lower Upper
 62 100
 64 18.7 26.0 39.0#



Abundance Ion 61.90 (61.60 to 62.60): VX0
 Ion 63.90 (63.60 to 64.60): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.084 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX0137858.D

Acq: 09 Dec 2019 18:07

Instrument :

MSVOA_X

ClientSampleId :

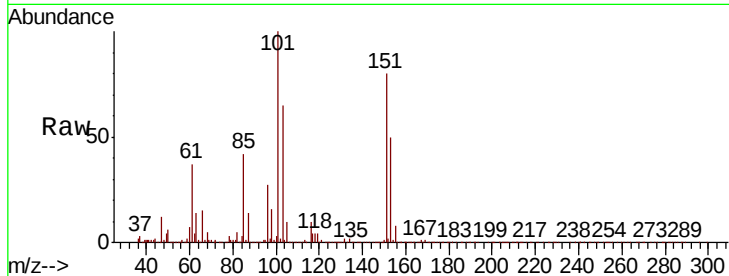
Tot Ion:101 Resp: 134310

Ion Ratio Lower Upper

101 100

85 42.4 33.9 50.9

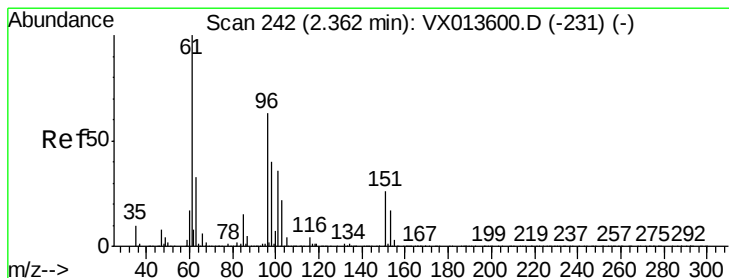
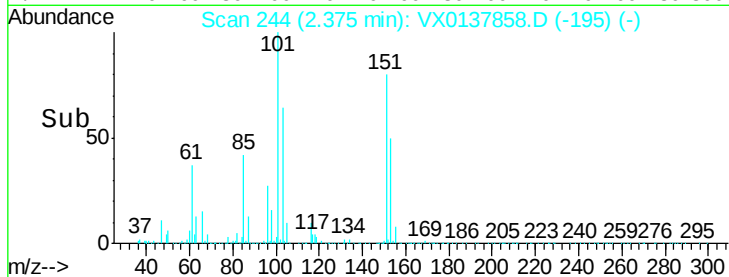
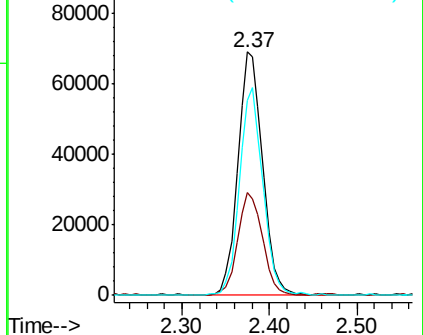
151 81.8 64.2 96.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#12

1,1-Dichloroethene

Concen: 6.364 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX0137858.D

Acq: 09 Dec 2019 18:07

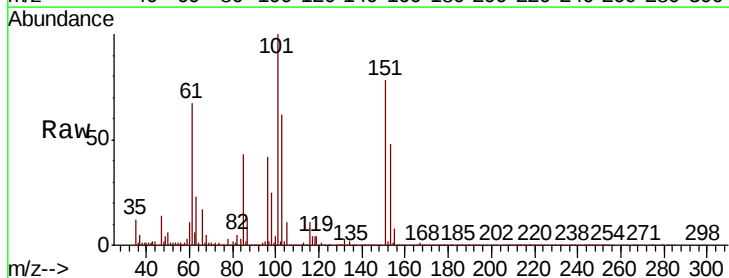
Tgt Ion: 96 Resp: 36959

Ion Ratio Lower Upper

96 100

61 161.7 126.6 190.0

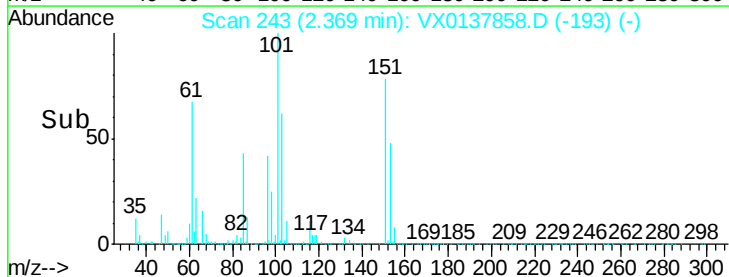
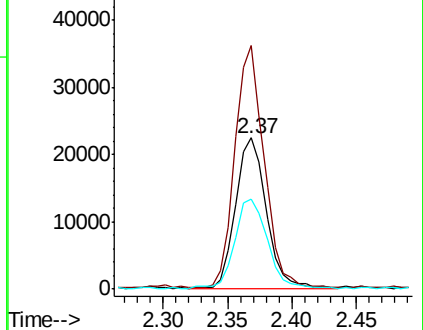
98 60.4 50.6 76.0

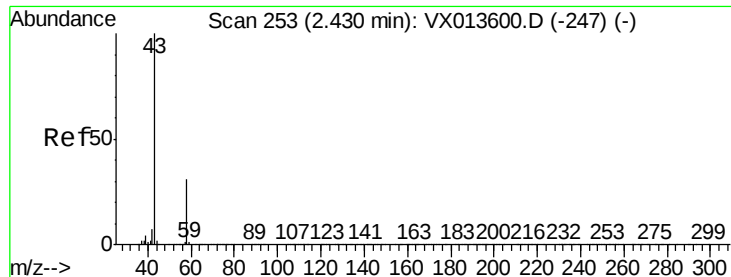


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#16

Acetone

Concen: 1.602 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX0137858.D

Acq: 09 Dec 2019 18:07

Instrument :

MSVOA_X

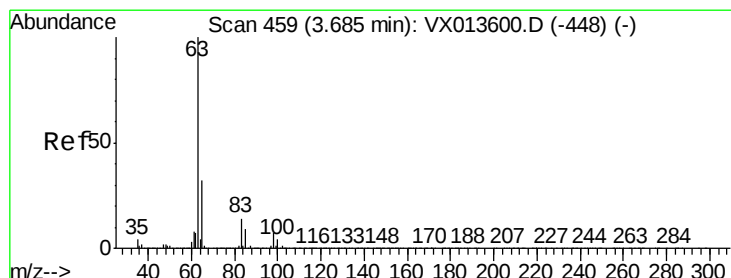
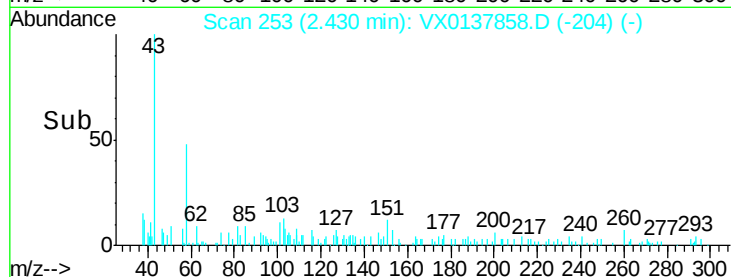
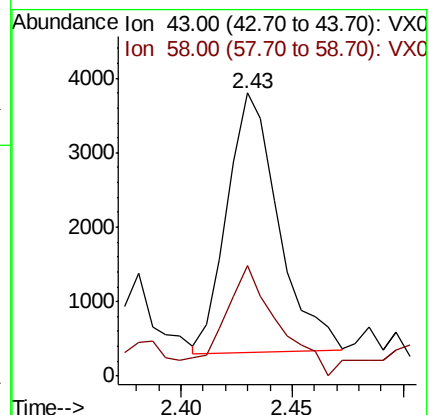
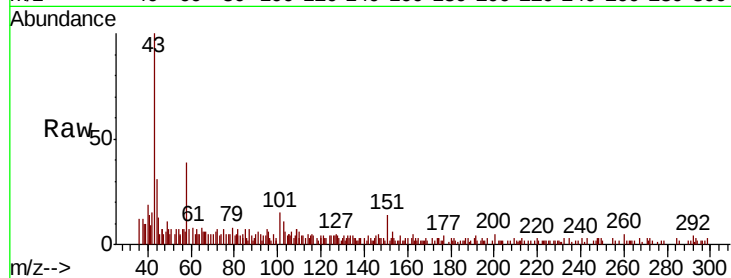
ClientSampleId :

Tot Ion: 43 Resp: 5603

Ion Ratio Lower Upper

43 100

58 36.8 24.6 36.8



#24

1,1-Dichloroethane

Concen: 1.488 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX0137858.D

Acq: 09 Dec 2019 18:07

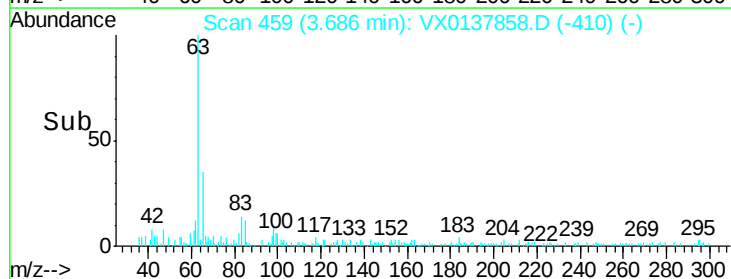
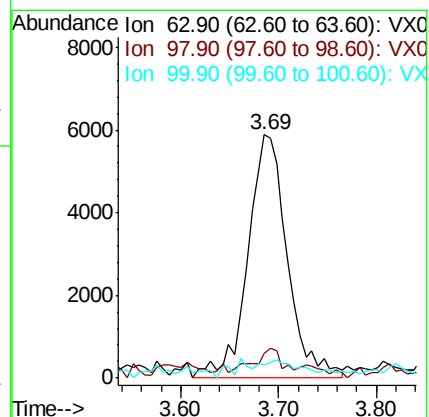
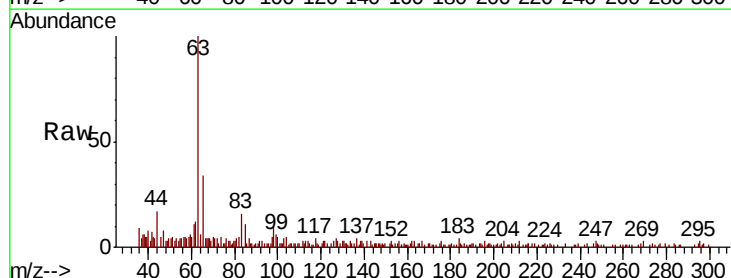
Tgt Ion: 63 Resp: 16511

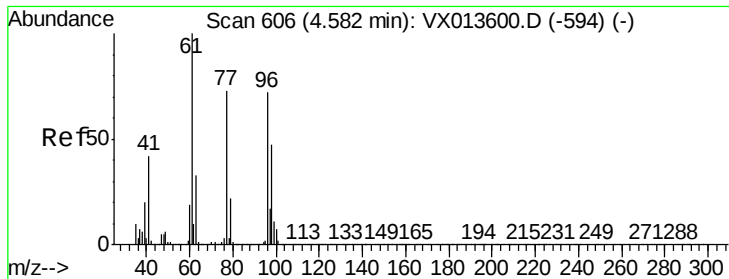
Ion Ratio Lower Upper

63 100

98 8.5 3.5 10.4

100 3.2 2.1 6.3



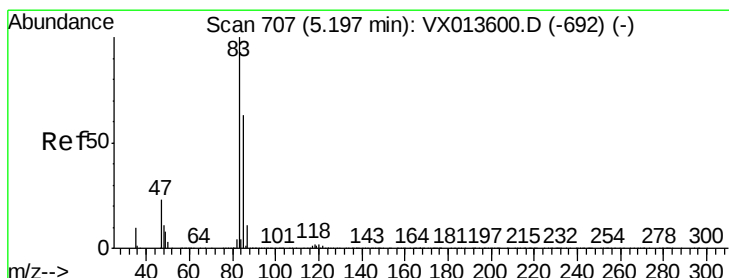
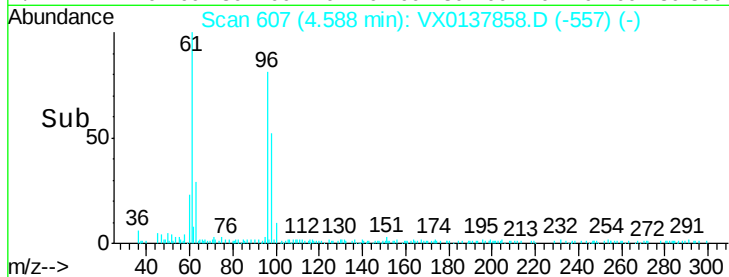
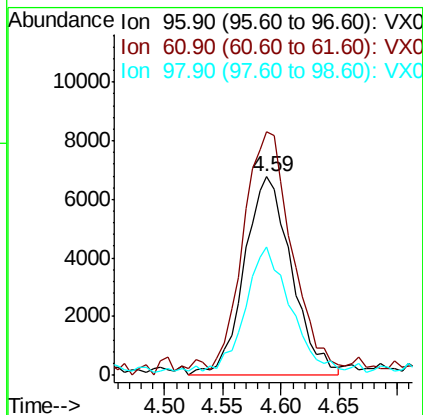
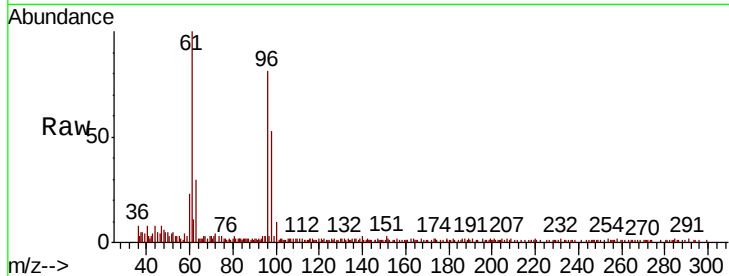


#27

cis-1,2-Dichloroethene
Concen: 2.629 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX0137858.D
Acq: 09 Dec 2019 18:07

Instrument :
MSVOA_X
ClientSampled :

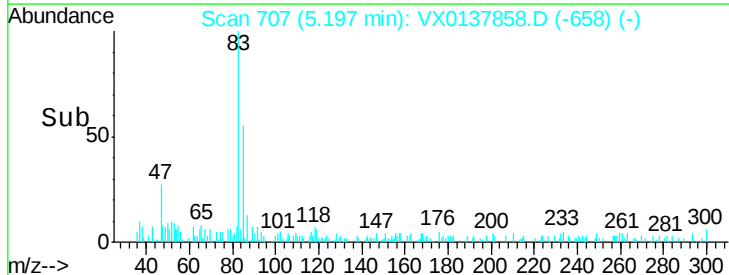
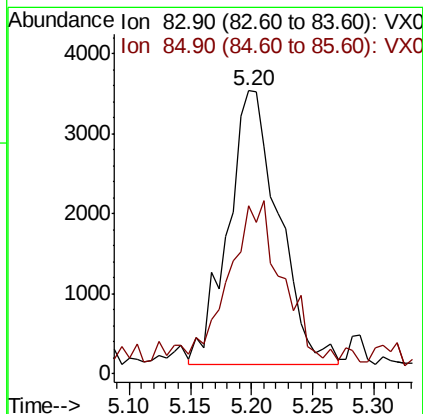
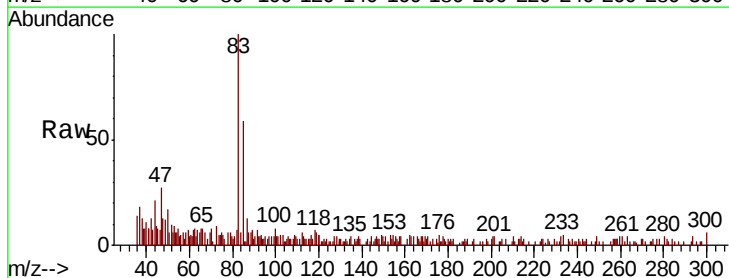
Tot Ion	96	Resp	19105
Ion	Ratio	Lower	Upper
96	100		
61	120.9	0.0	286.4
98	58.5	0.0	127.4

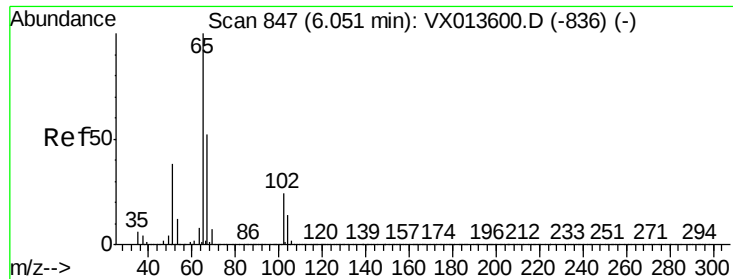


#30

Chloroform
Concen: 0.872 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX0137858.D
Acq: 09 Dec 2019 18:07

Tgt Ion	83	Resp	9810
Ion	Ratio	Lower	Upper
83	100		
85	57.6	50.2	75.4





#33

1,2-Dichloroethane-d4

Concen: 47.609 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX0137858.D

Acq: 09 Dec 2019 18:07

Instrument :

MSVOA_X

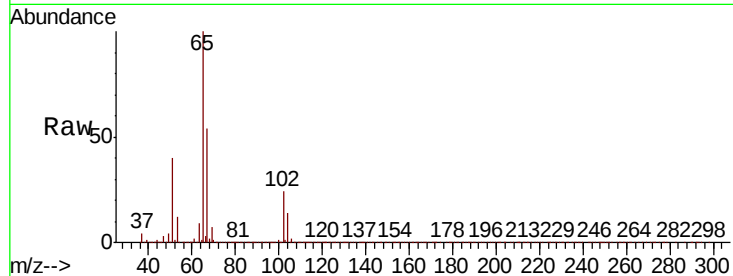
ClientSampleId :

Tot Ion: 65 Resp: 337253

Ion Ratio Lower Upper

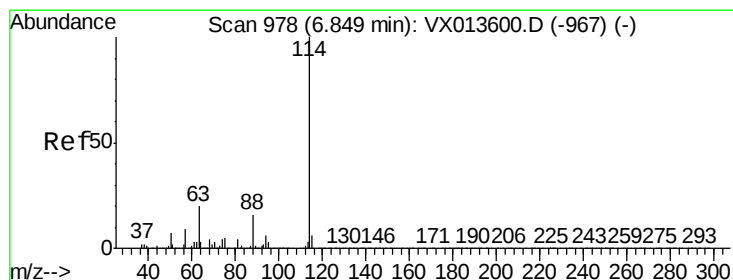
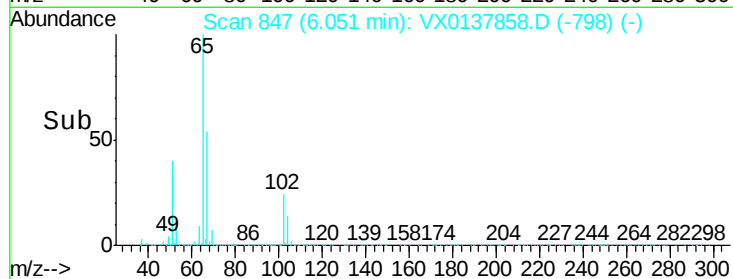
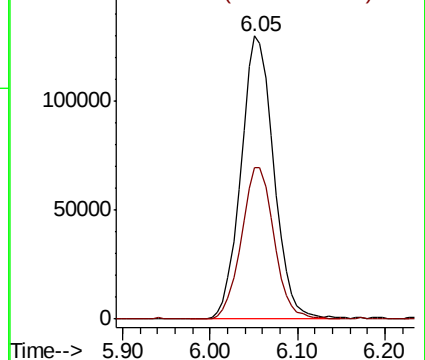
65 100

67 53.2 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: VX0137858.D

Acq: 09 Dec 2019 18:07

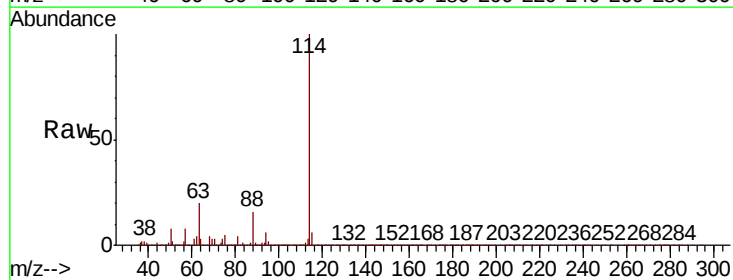
Tgt Ion: 114 Resp: 946835

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.6

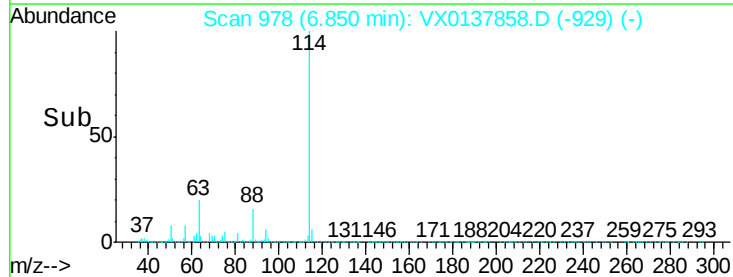
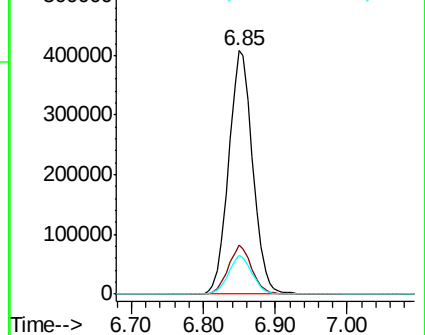
88 15.8 0.0 31.4

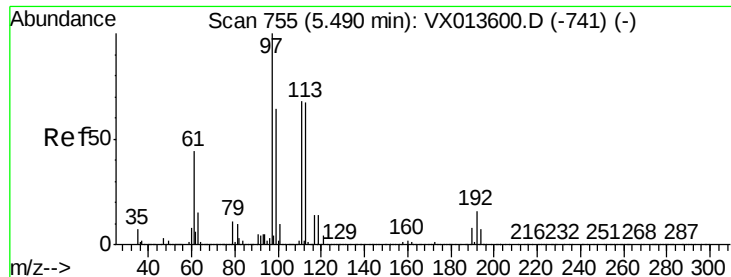


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

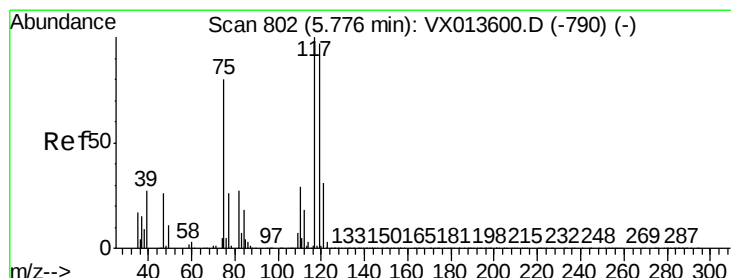
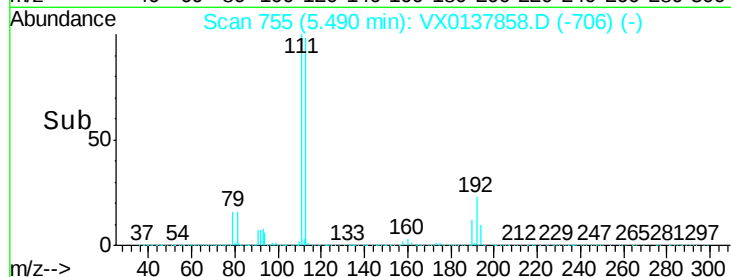
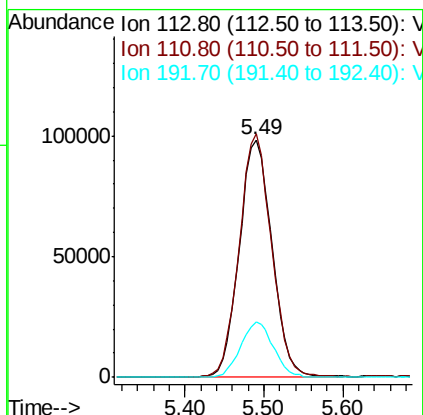
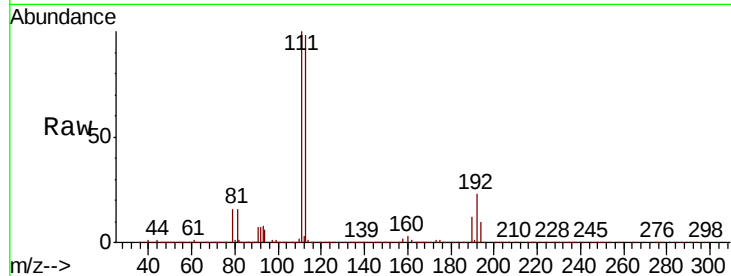




#35
 Dibromofluoromethane
 Concen: 48.324 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX0137858.D
 Acq: 09 Dec 2019 18:07

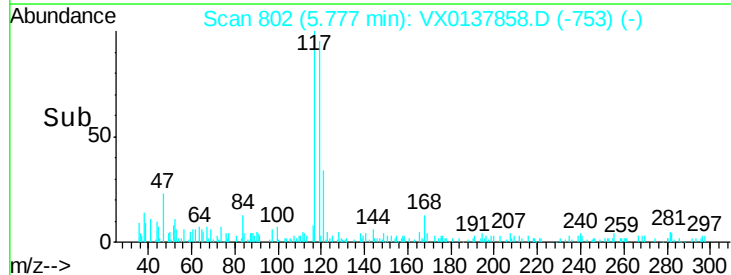
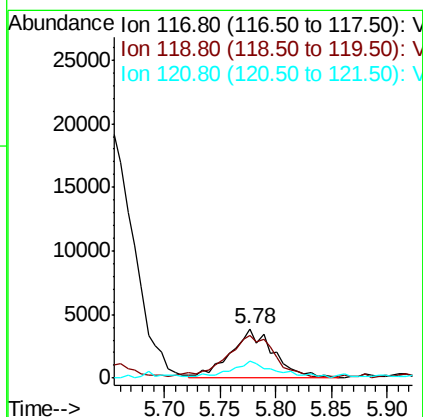
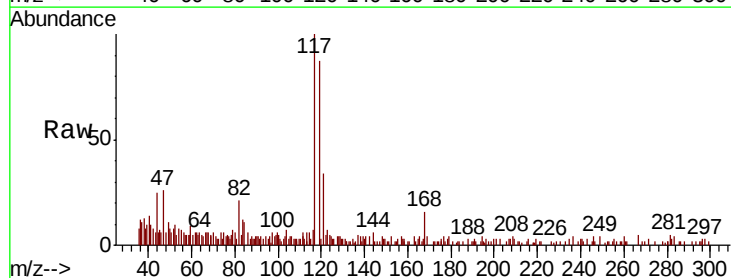
Instrument :
 MSVOA_X
 ClientSampleId :

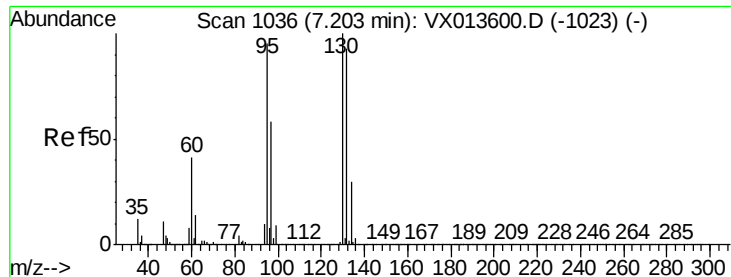
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.6	125.4
192	23.2	19.2	28.8



#38
 Carbon Tetrachloride
 Concen: 1.322 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: VX0137858.D
 Acq: 09 Dec 2019 18:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	83.2	77.5	116.3
121	31.3	25.0	37.6





#44

Trichloroethene

Concen: 1014.347 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX0137858.D

Acq: 09 Dec 2019 18:07

Instrument :

MSVOA_X

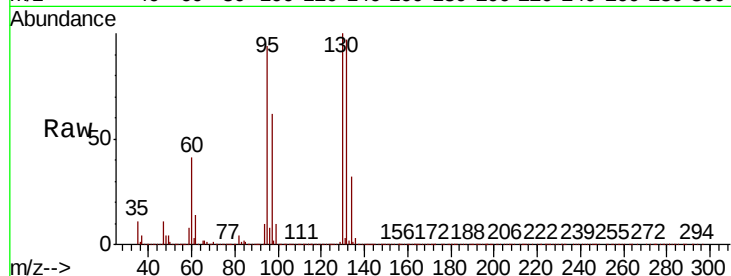
ClientSampleId :

Tot Ion:130 Resp: 7287317

Ion Ratio Lower Upper

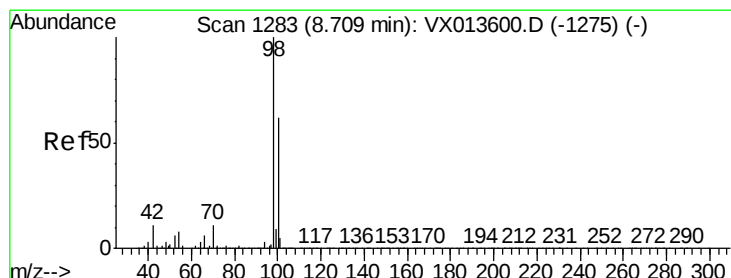
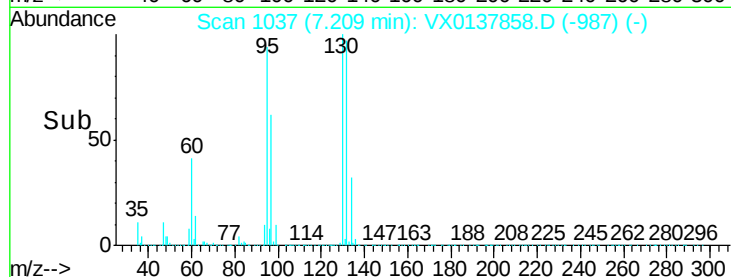
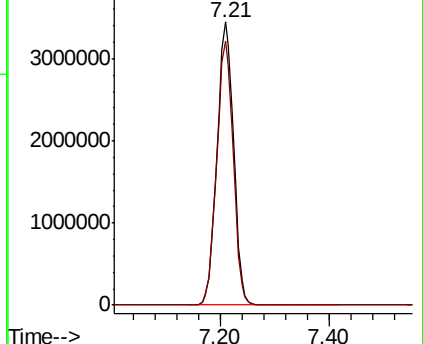
130 100

95 93.6 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 48.261 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX0137858.D

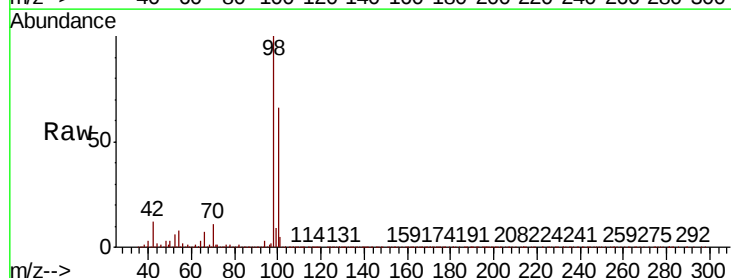
Acq: 09 Dec 2019 18:07

Tgt Ion: 98 Resp: 1100624

Ion Ratio Lower Upper

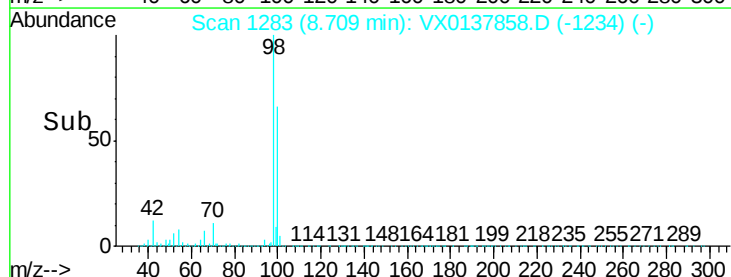
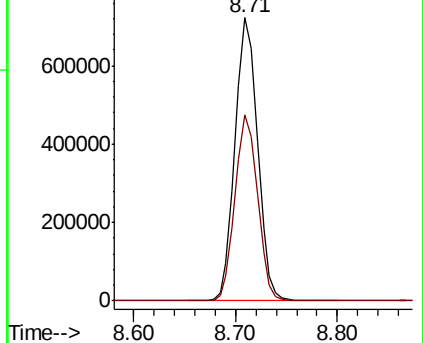
98 100

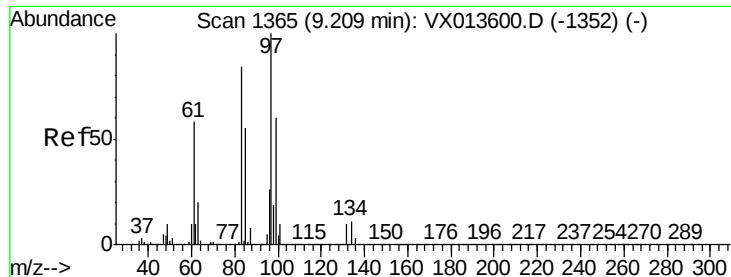
100 65.7 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#55

1,1,2-Trichloroethane

Concen: 0.826 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX0137858.D

Acq: 09 Dec 2019 18:07

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 5414

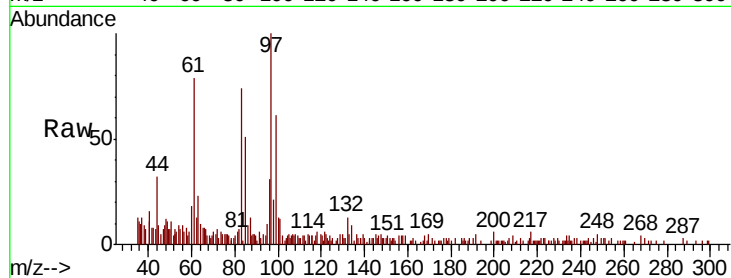
Ion Ratio Lower Upper

97 100

83 71.9 67.3 100.9

85 48.2 43.6 65.4

99 61.3 48.2 72.4

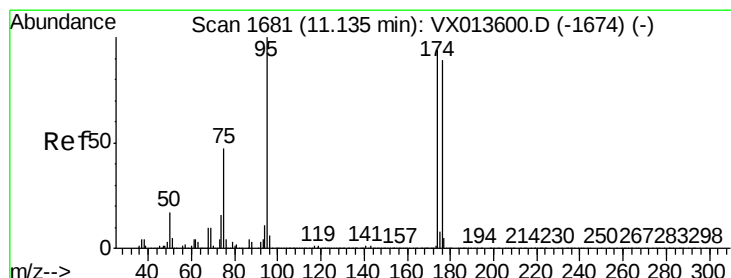
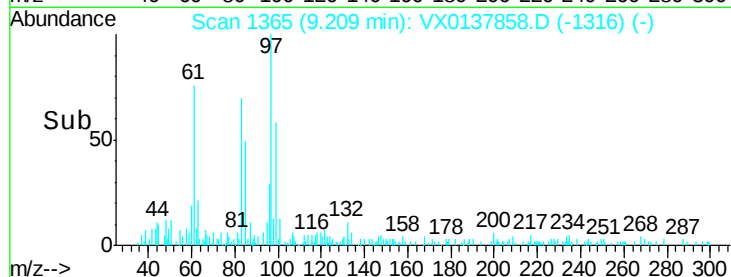
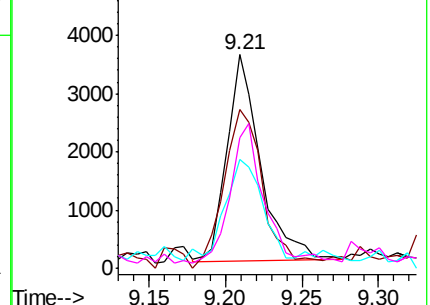


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#62

4-Bromofluorobenzene

Concen: 44.610 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX0137858.D

Acq: 09 Dec 2019 18:07

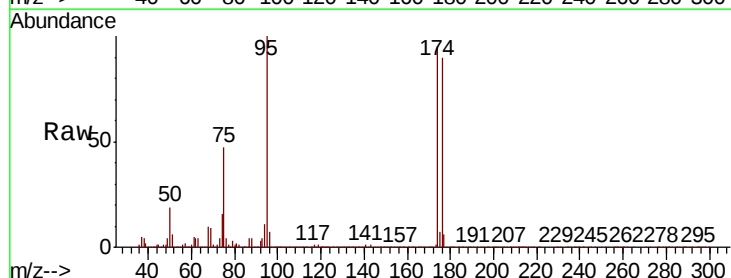
Tgt Ion: 95 Resp: 366862

Ion Ratio Lower Upper

95 100

174 89.3 0.0 180.0

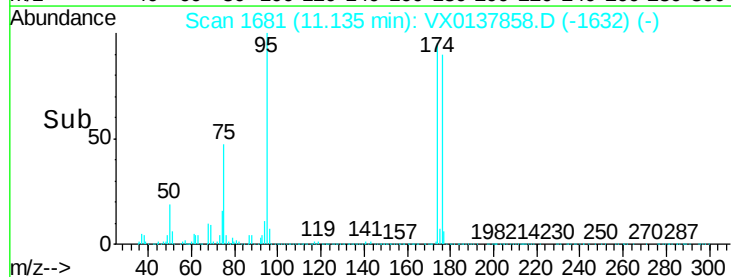
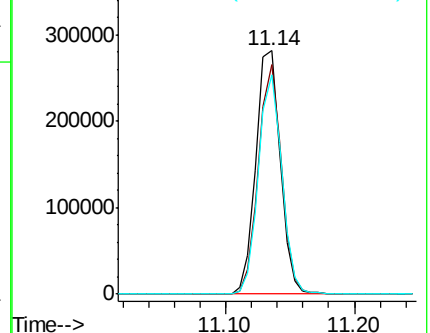
176 86.2 0.0 173.6

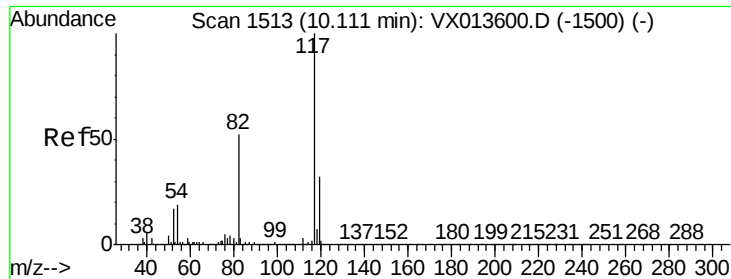


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

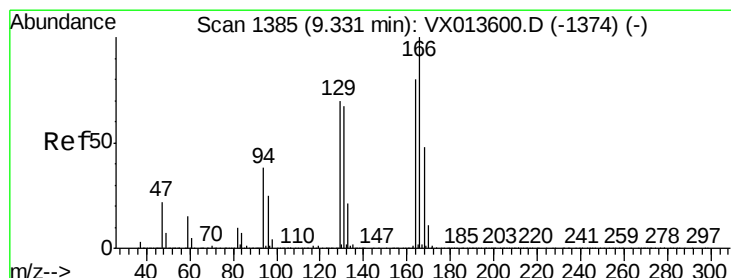
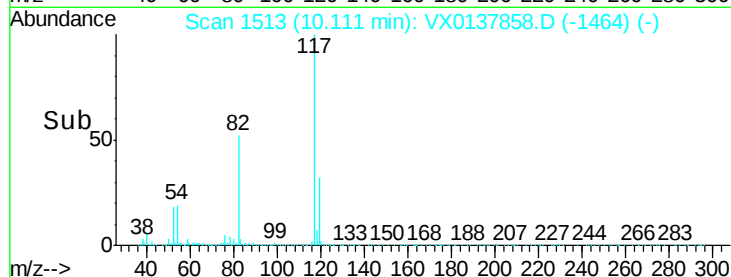
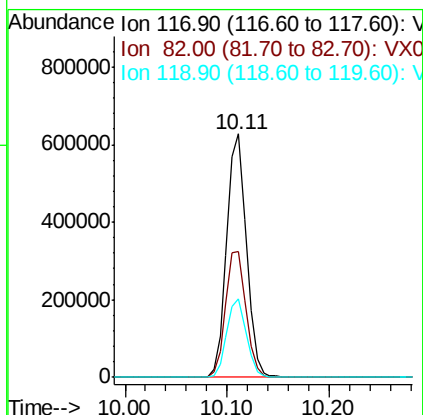
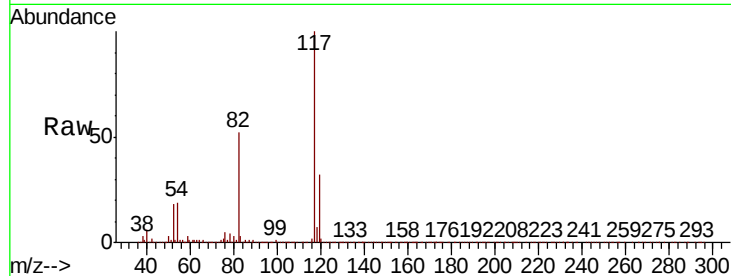




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX0137858.D
Acq: 09 Dec 2019 18:07

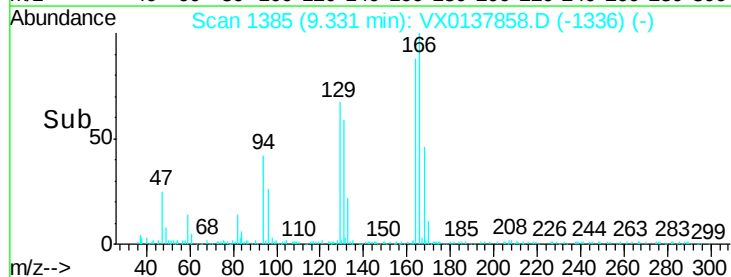
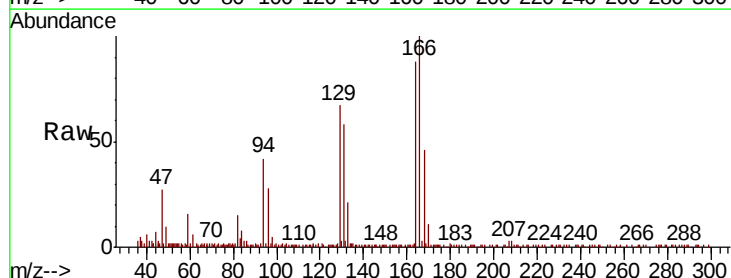
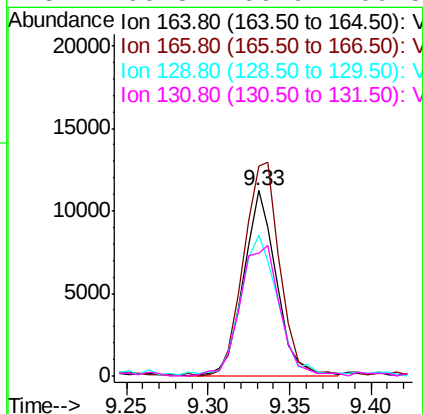
Instrument :
MSVOA_X
ClientSampleId :

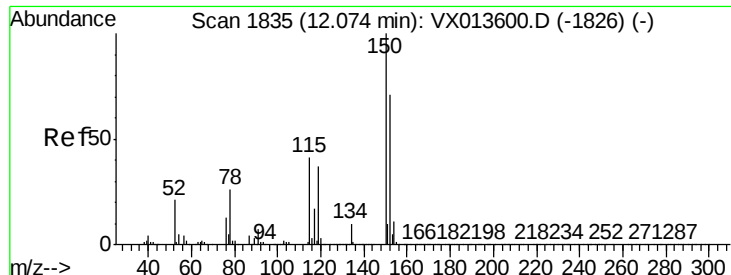
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	41.8	62.8
119	32.0	25.8	38.8



#64
Tetrachloroethene
Concen: 2.537 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX0137858.D
Acq: 09 Dec 2019 18:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	112.0	99.7	149.5
129	75.1	70.1	105.1
131	66.3	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: VX0137858.D

Acq: 09 Dec 2019 18:07

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:152 Resp: 360711

Ion Ratio Lower Upper

152 100

115 55.9 38.4 115.1

150 156.8 0.0 346.8

