

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091719\
 Data File : VX012447.D
 Acq On : 17 Sep 2019 21:27
 Operator : JC/SP
 Sample : K4858-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20190909

Quant Time: Sep 18 04:20:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	163545	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	258957	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	221172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	93815	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	112339	47.93	ug/l	0.00
Spiked Amount						
			Recovery	=	95.86%	
35) Dibromofluoromethane	5.49	113	78574	50.13	ug/l	0.00
Spiked Amount						
			Recovery	=	100.26%	
50) Toluene-d8	8.71	98	304982	52.57	ug/l	0.00
Spiked Amount						
			Recovery	=	105.14%	
62) 4-Bromofluorobenzene	11.14	95	113856	47.27	ug/l	0.00
Spiked Amount						
			Recovery	=	94.54%	

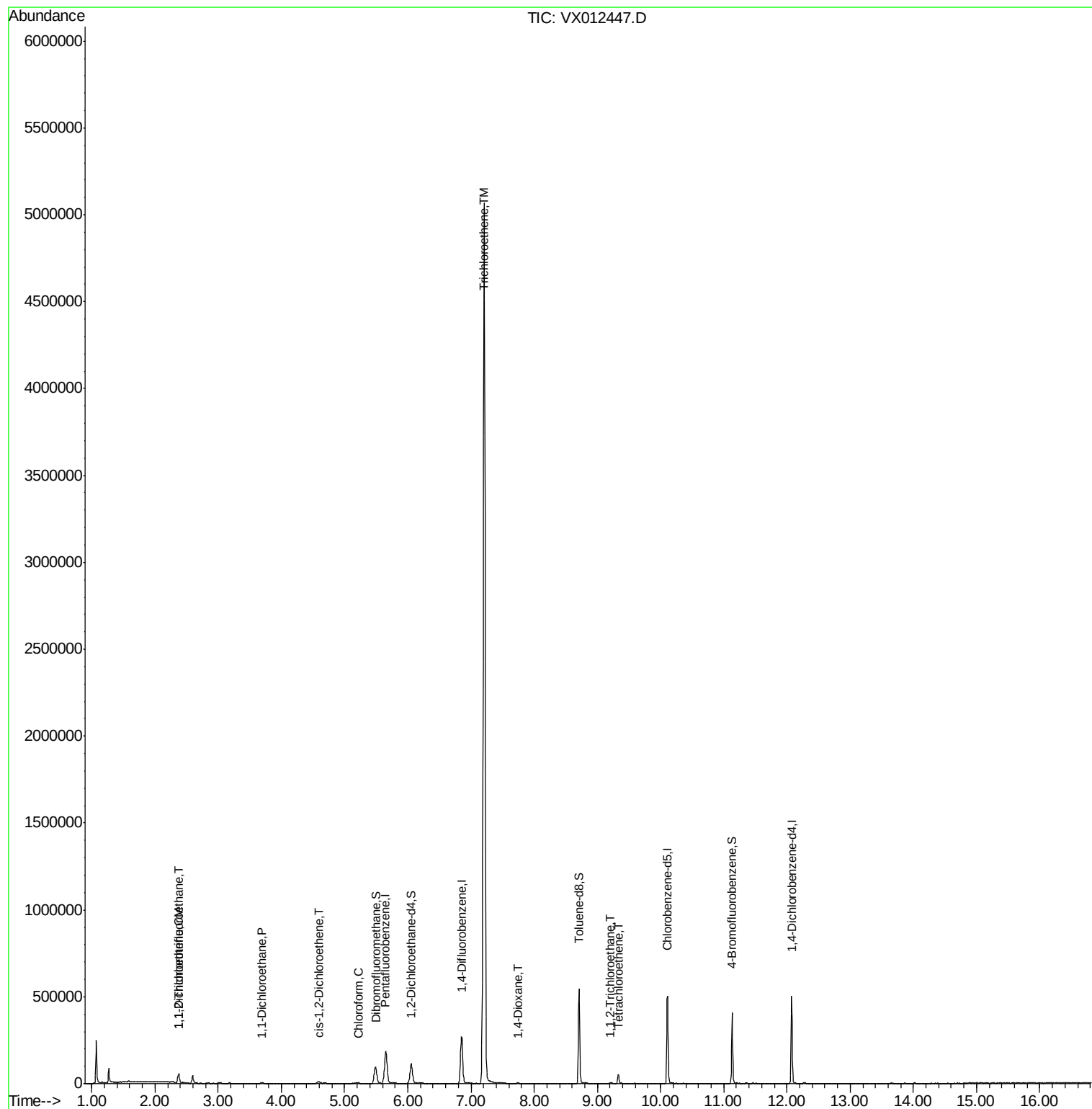
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.37	101	14530	11.273	ug/l	99
12) 1,1-Dichloroethene	2.36	96	7656	7.446	ug/l	93
24) 1,1-Dichloroethane	3.69	63	3174	1.184	ug/l #	92
27) cis-1,2-Dichloroethene	4.59	96	6220	3.900	ug/l	86
30) Chloroform	5.21	83	2819	0.915	ug/l	99
44) Trichloroethene	7.21	130	1898939	1442.422	ug/l	96
49) 1,4-Dioxane	7.75	88	1669	33.551	ug/l #	91
55) 1,1,2-Trichloroethane	9.21	97	1624	0.977	ug/l	87
64) Tetrachloroethene	9.33	164	9523	9.396	ug/l	93

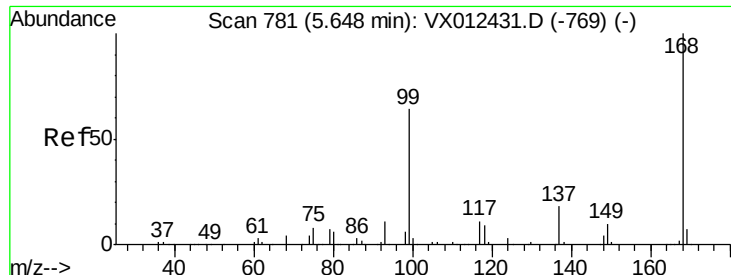
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091719\
Data File : VX012447.D
Acq On : 17 Sep 2019 21:27
Operator : JC/SP
Sample : K4858-12
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190909

Quant Time: Sep 18 04:20:01 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 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: VX012447.D

Acq: 17 Sep 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

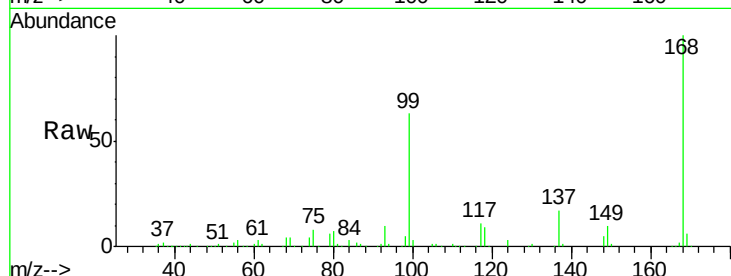
DUP01-20190909

Tot Ion:168 Resp: 163545

Ion Ratio Lower Upper

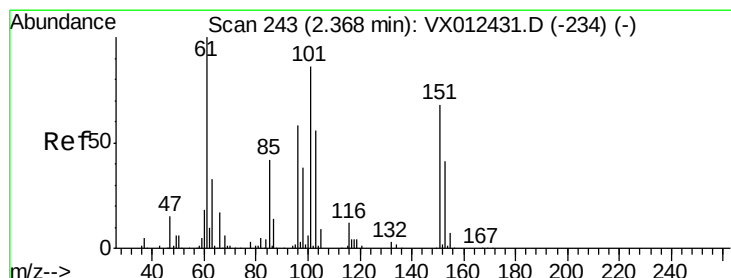
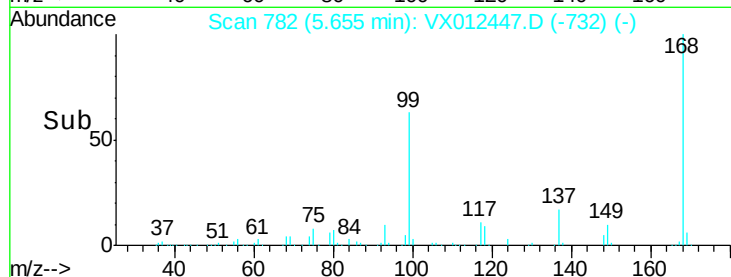
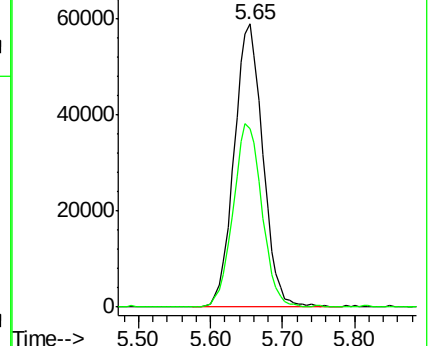
168 100

99 63.1 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.273 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012447.D

Acq: 17 Sep 2019 21:27

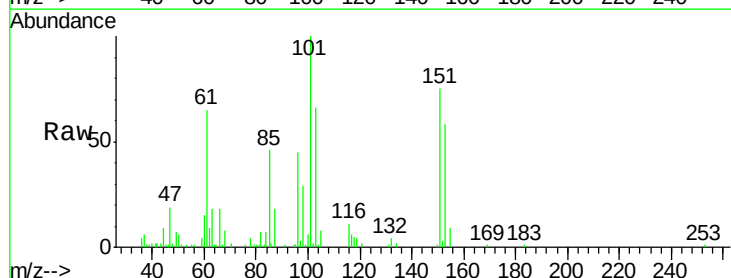
Tgt Ion:101 Resp: 14530

Ion Ratio Lower Upper

101 100

85 47.5 37.3 55.9

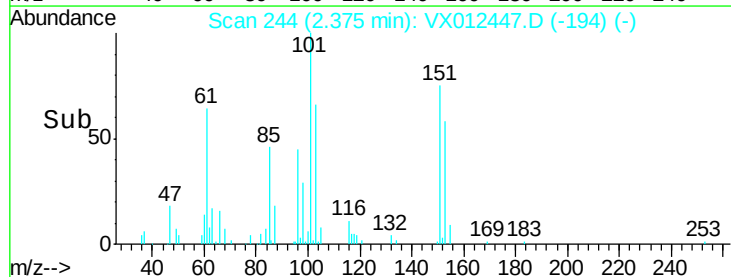
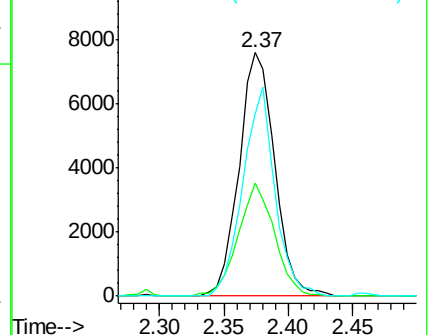
151 77.2 61.0 91.4

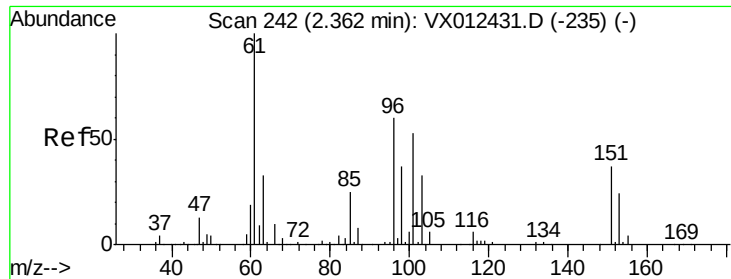


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

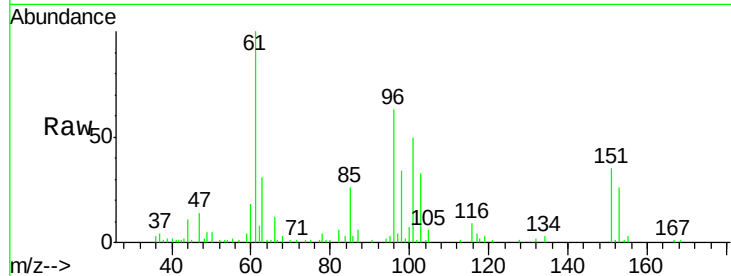




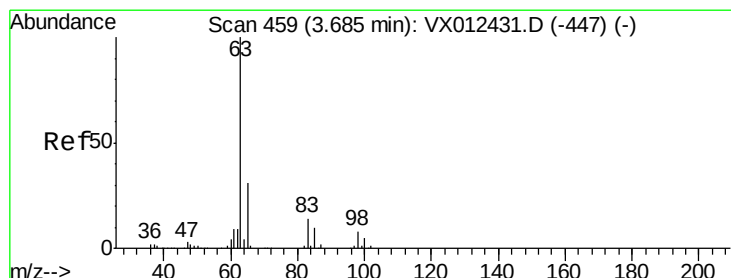
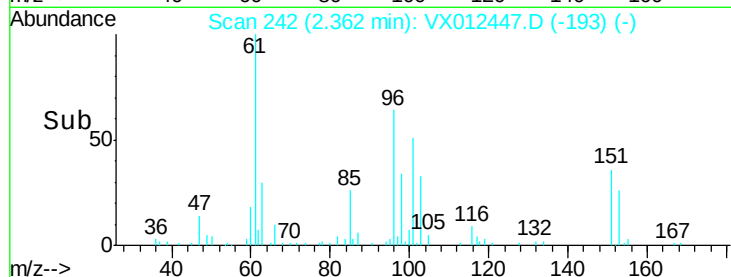
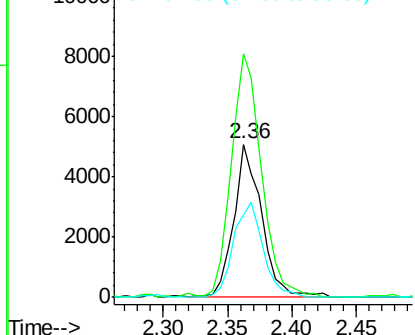
#12
 1,1-Dichloroethene
 Concen: 7.446 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012447.D
 Acq: 17 Sep 2019 21:27

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20190909

Tot Ion: 96 Resp: 7656
 Ion Ratio Lower Upper
 96 100
 61 159.0 133.8 200.6
 98 53.8 49.9 74.9

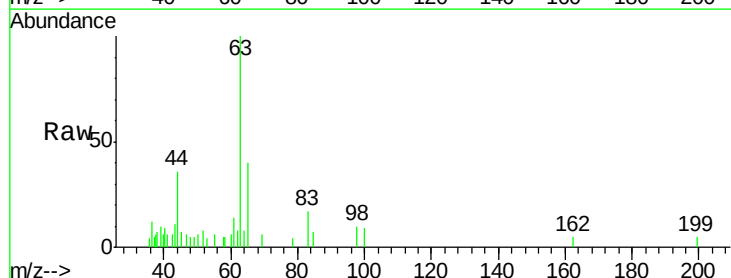


Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0

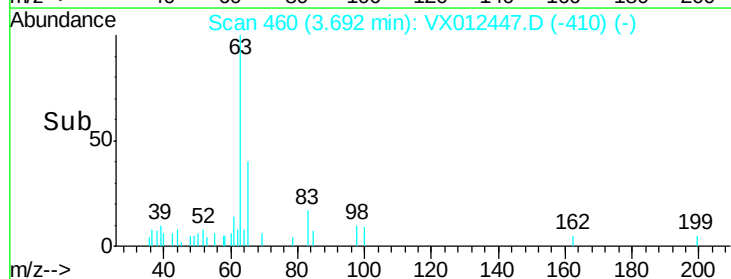
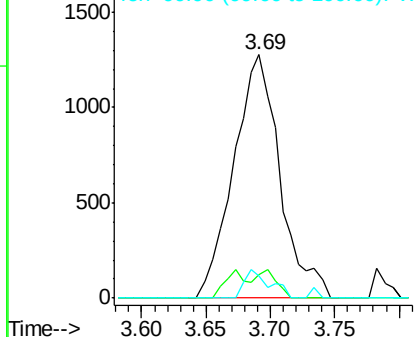


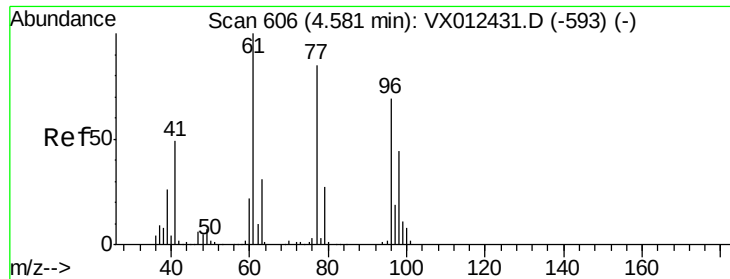
#24
 1,1-Dichloroethane
 Concen: 1.184 ug/l
 RT: 3.69 min Scan# 460
 Delta R.T. 0.01 min
 Lab File: VX012447.D
 Acq: 17 Sep 2019 21:27

Tgt Ion: 63 Resp: 3174
 Ion Ratio Lower Upper
 63 100
 98 9.6 3.9 11.7
 100 9.2 2.3 6.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0
 Ion 99.90 (99.60 to 100.60): VX0



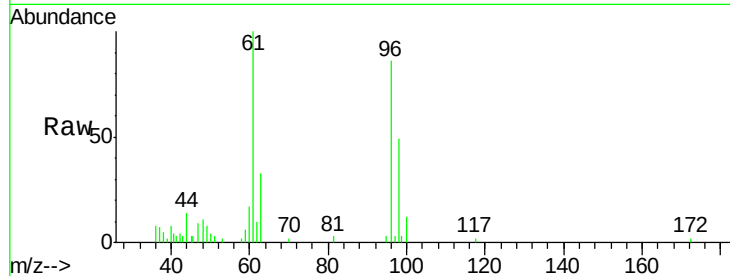


#27

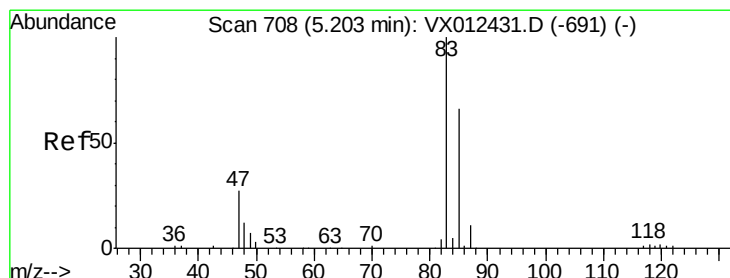
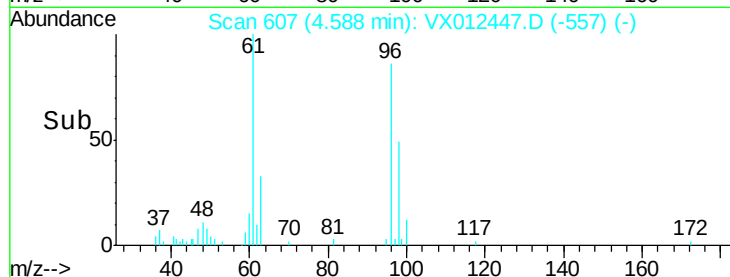
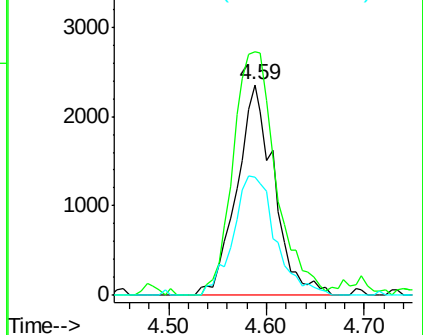
cis-1,2-Dichloroethene
 Concen: 3.900 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX012447.D
 Acq: 17 Sep 2019 21:27

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20190909

Tot Ion: 96 Resp: 6220
 Ion Ratio Lower Upper
 96 100
 61 133.5 0.0 319.4
 98 64.6 0.0 130.6



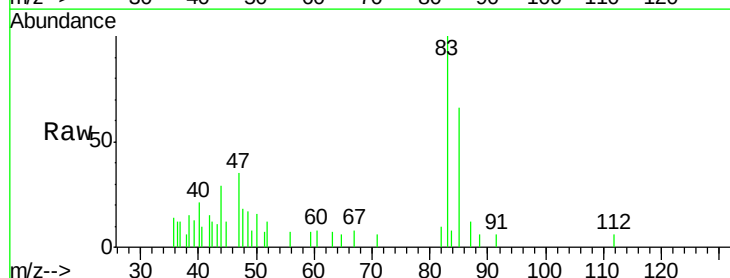
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



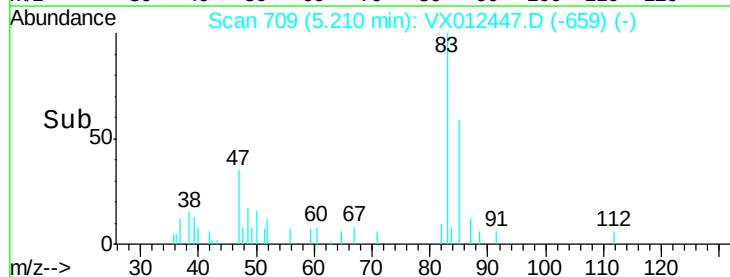
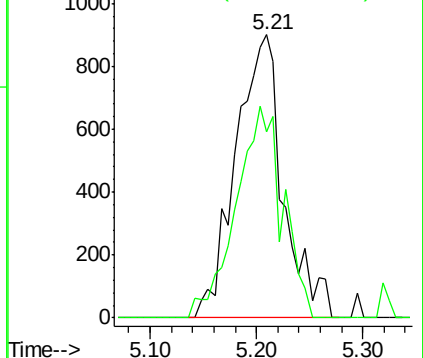
#30

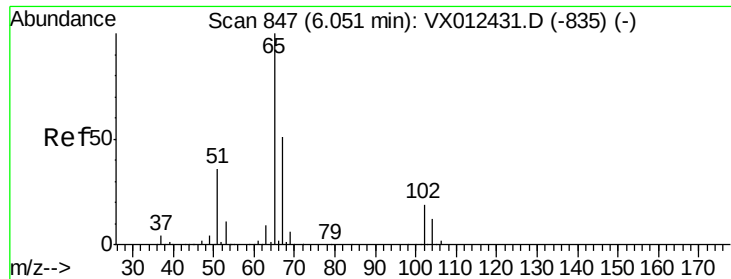
Chloroform
 Concen: 0.915 ug/l
 RT: 5.21 min Scan# 709
 Delta R.T. 0.01 min
 Lab File: VX012447.D
 Acq: 17 Sep 2019 21:27

Tgt Ion: 83 Resp: 2819
 Ion Ratio Lower Upper
 83 100
 85 65.8 53.0 79.4



Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0

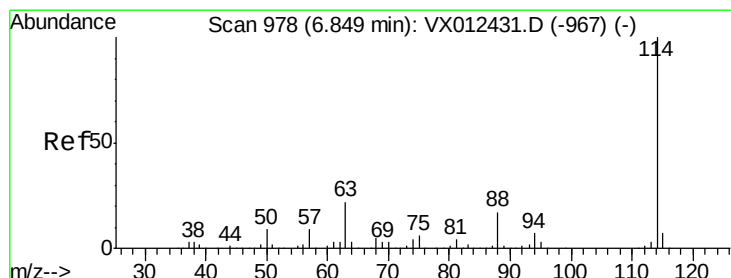
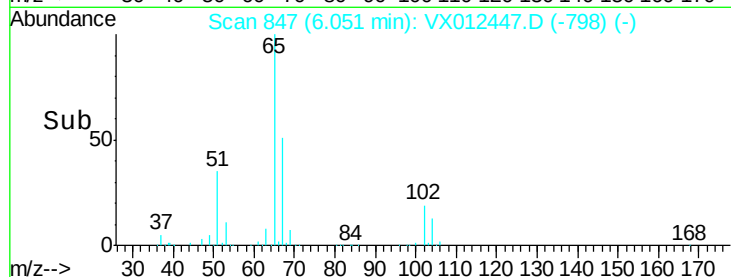
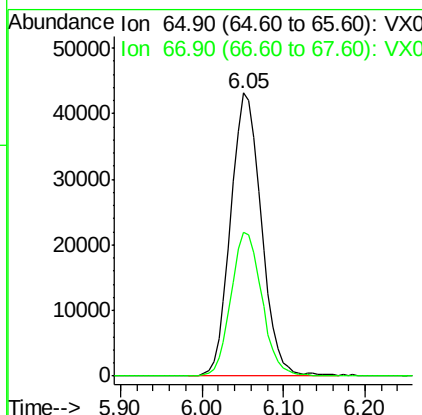
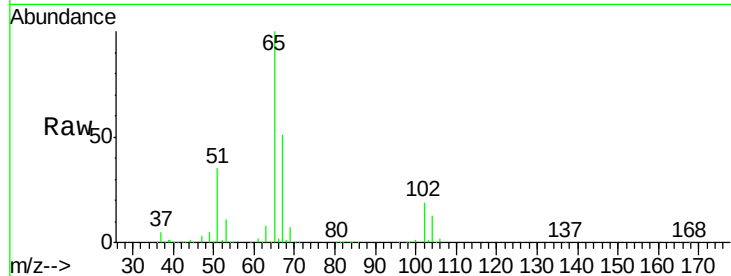




#33
 1,2-Dichloroethane-d4
 Concen: 47.928 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012447.D
 Acq: 17 Sep 2019 21:27

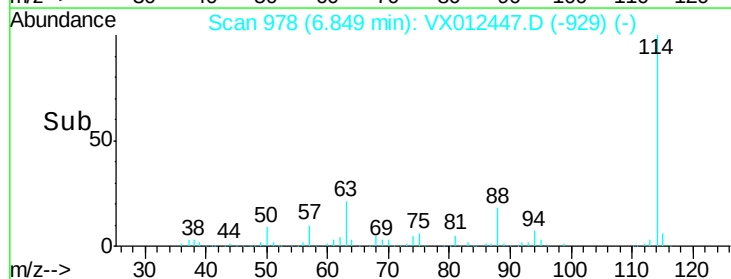
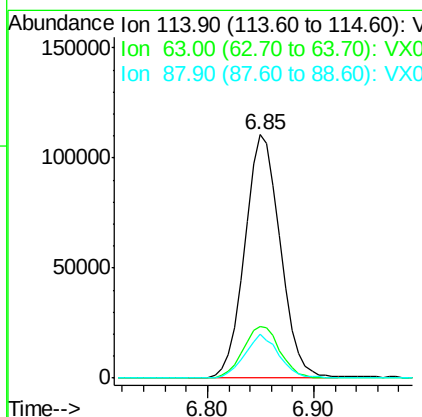
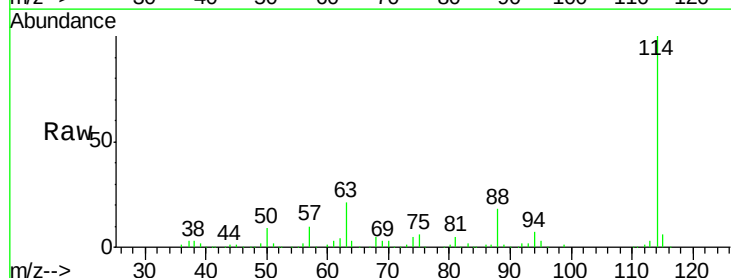
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20190909

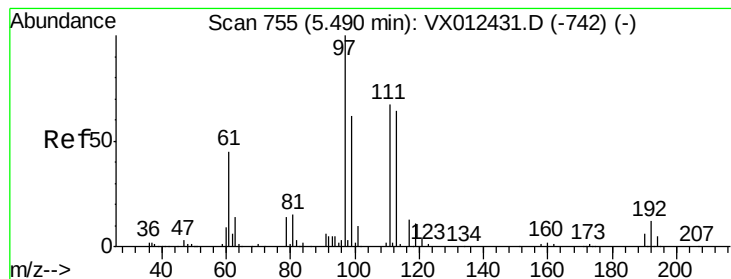
Tot Ion: 65 Resp: 112339
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012447.D
 Acq: 17 Sep 2019 21:27

Tgt Ion: 114 Resp: 258957
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 43.2
 88 17.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.131 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012447.D

Acq: 17 Sep 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20190909

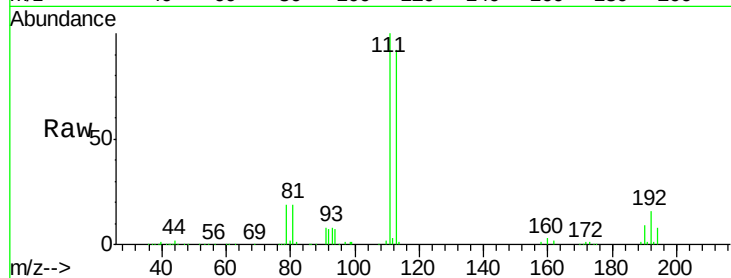
Tot Ion:113 Resp: 78574

Ion Ratio Lower Upper

113 100

111 105.3 83.4 125.2

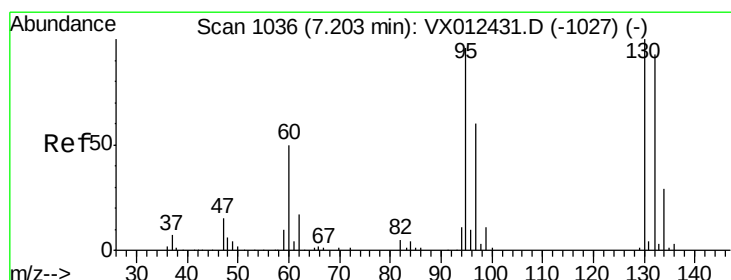
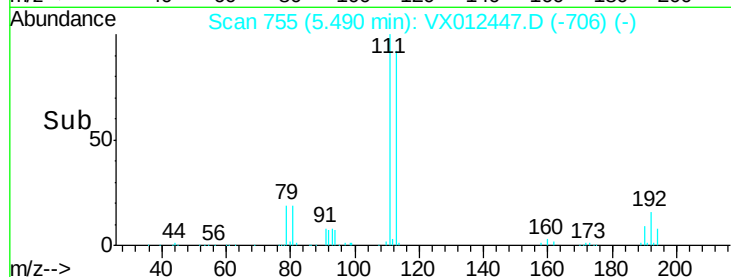
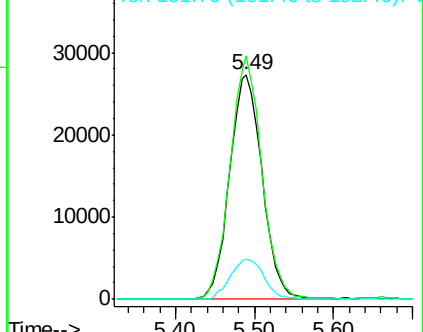
192 18.7 14.4 21.6



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



#44

Trichloroethene

Concen: 1442.422 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012447.D

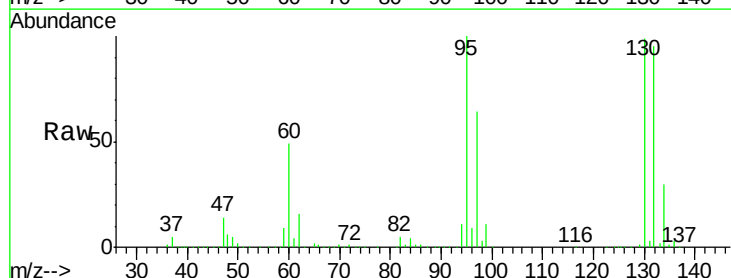
Acq: 17 Sep 2019 21:27

Tgt Ion:130 Resp: 1898939

Ion Ratio Lower Upper

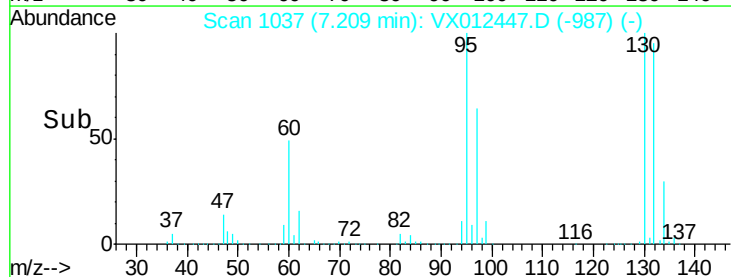
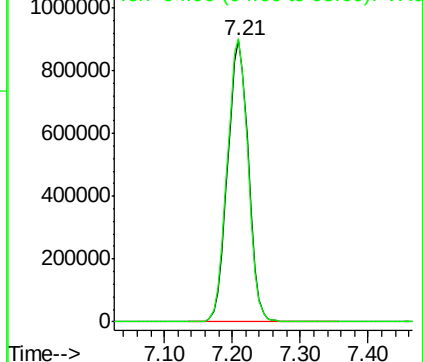
130 100

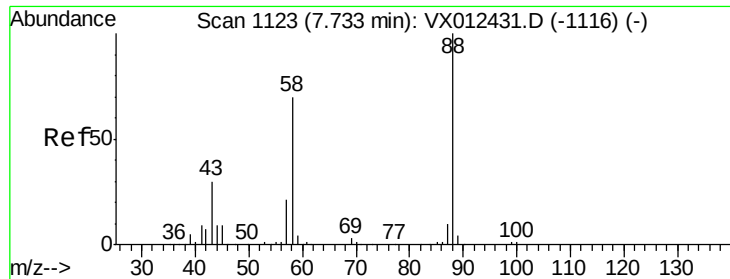
95 100.5 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

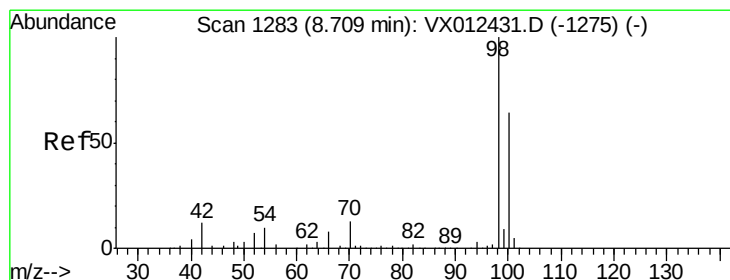
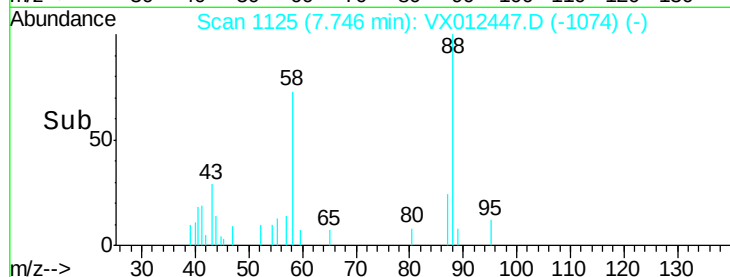
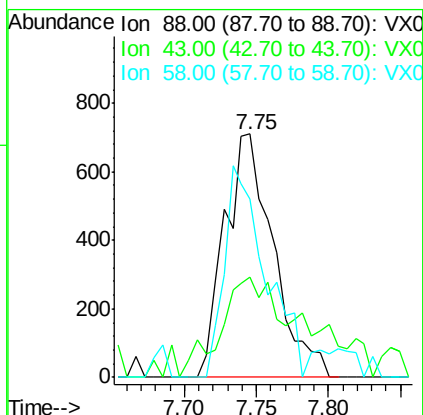
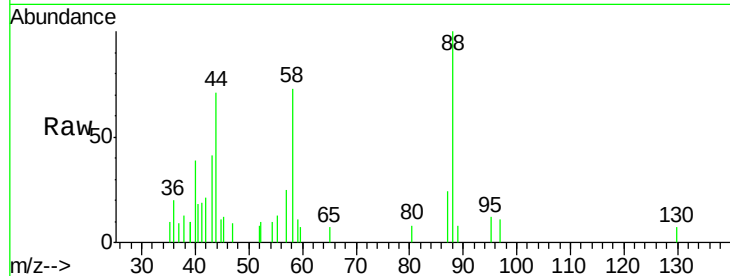




#49
1,4-Dioxane
Concen: 33.551 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

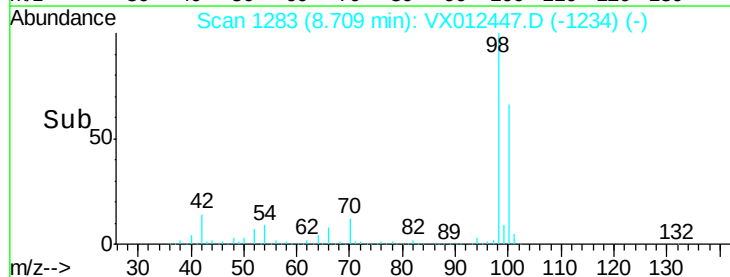
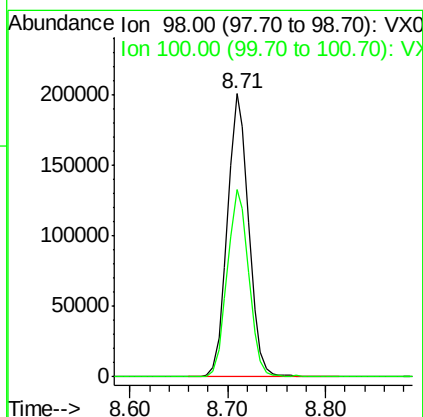
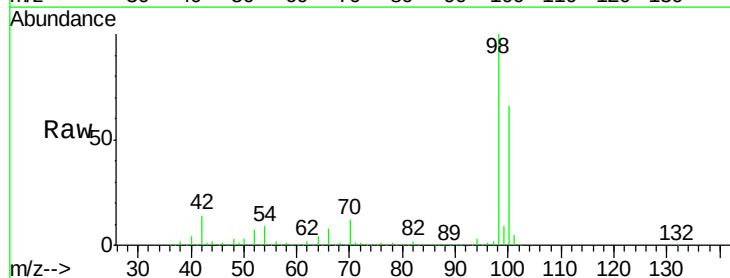
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190909

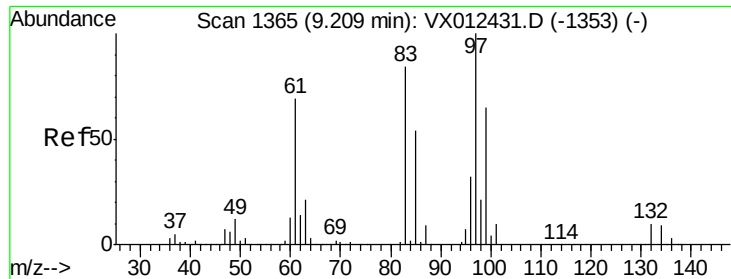
Tot Ion: 88 Resp: 1669
Ion Ratio Lower Upper
88 100
43 46.4 29.4 44.0#
58 76.0 57.5 86.3



#50
Toluene-d8
Concen: 52.570 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Tgt Ion: 98 Resp: 304982
Ion Ratio Lower Upper
98 100
100 66.9 53.4 80.2

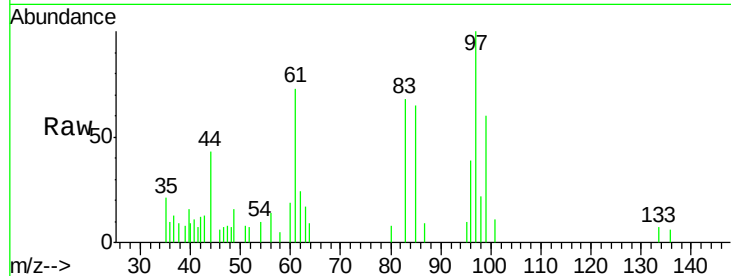




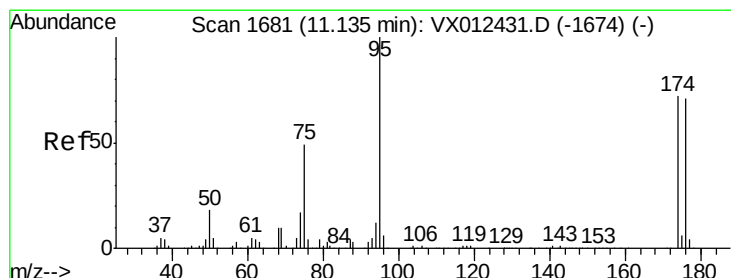
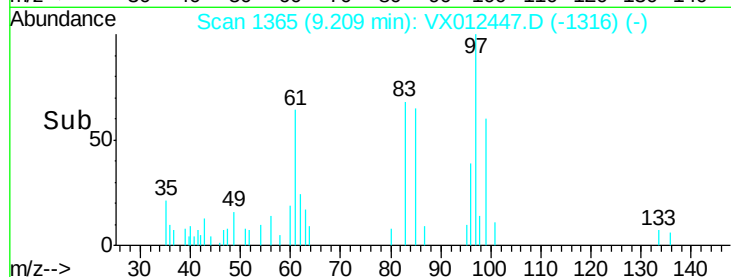
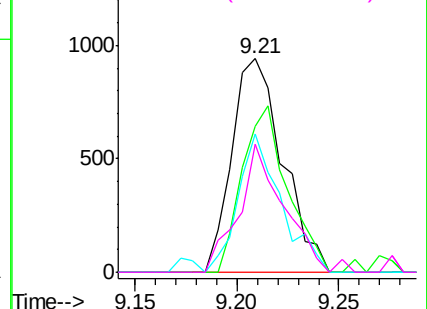
#55
 1,1,2-Trichloroethane
 Concen: 0.977 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012447.D
 Acq: 17 Sep 2019 21:27

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20190909

Tot Ion:	97	Resp:	1624
Ion	Ratio	Lower	Upper
97	100		
83	68.3	67.4	101.2
85	64.9	43.5	65.3
99	60.2	51.8	77.8

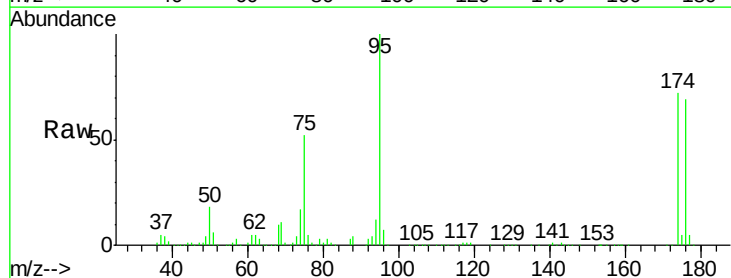


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

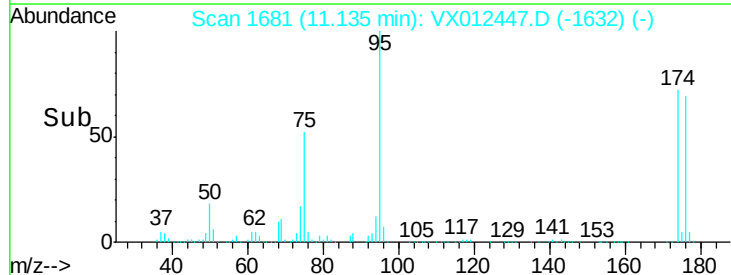
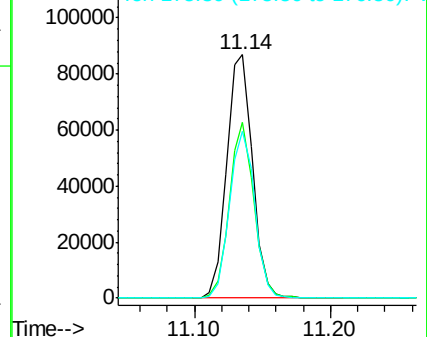


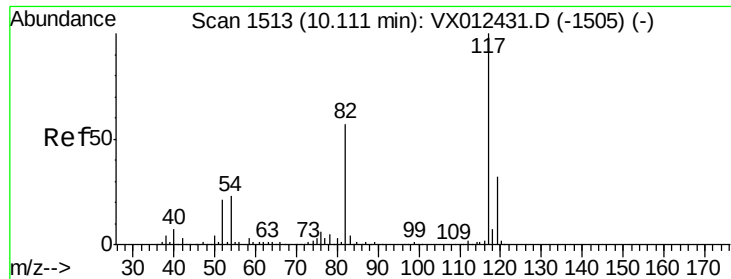
#62
 4-Bromofluorobenzene
 Concen: 47.266 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VX012447.D
 Acq: 17 Sep 2019 21:27

Tgt Ion:	95	Resp:	113856
Ion	Ratio	Lower	Upper
95	100		
174	69.1	0.0	140.0
176	67.4	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

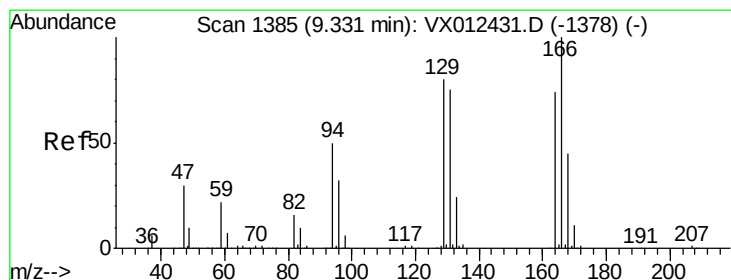
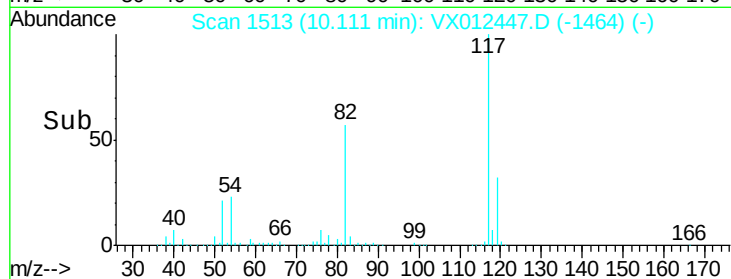
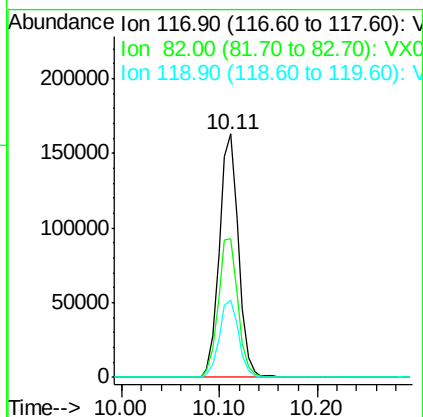
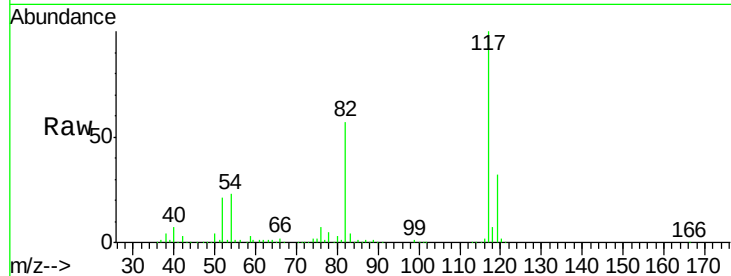




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

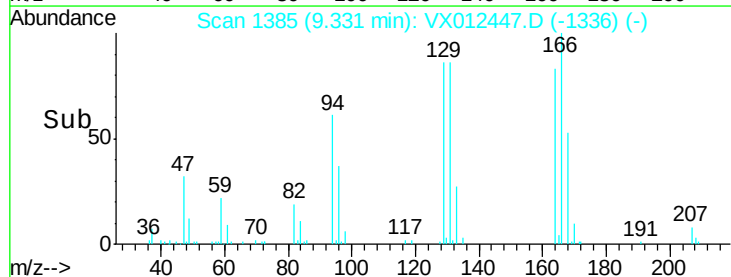
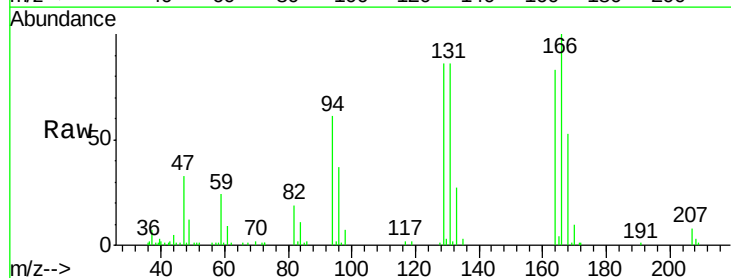
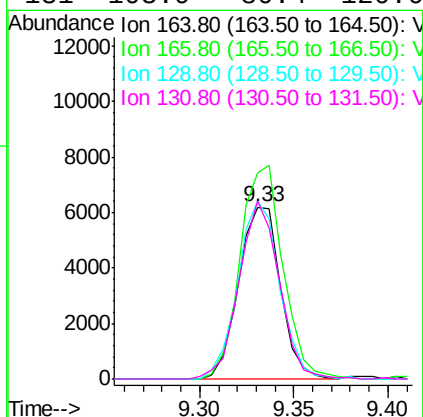
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190909

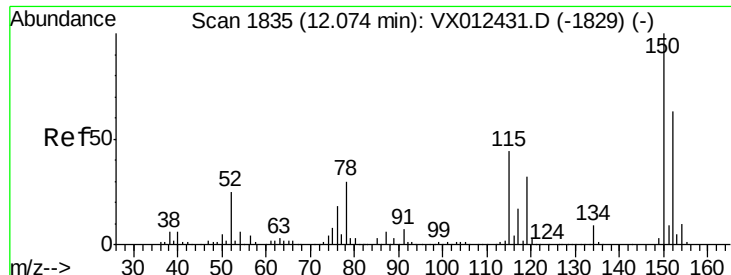
Tot Ion:117 Resp: 221172
Ion Ratio Lower Upper
117 100
82 56.9 45.9 68.9
119 31.7 25.3 37.9



#64
Tetrachloroethene
Concen: 9.396 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Tgt Ion:164 Resp: 9523
Ion Ratio Lower Upper
164 100
166 120.3 107.8 161.6
129 104.0 86.2 129.2
131 103.9 80.4 120.6

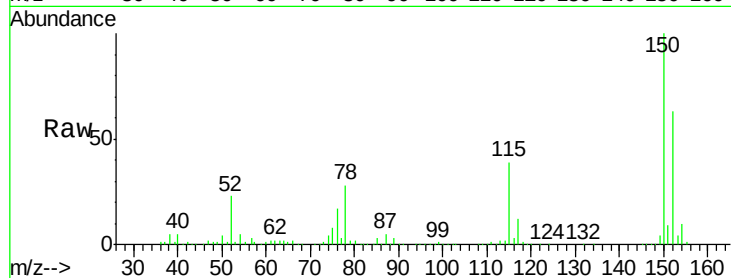




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX012447.D
 Acq: 17 Sep 2019 21:27

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20190909

Tot Ion	Ratio	Lower	Upper
152	100		
115	62.9	44.1	132.3
150	159.6	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

