

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012501.D
 Acq On : 19 Sep 2019 02:41
 Operator : JC/SP
 Sample : K4858-27
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D7-20190911

Quant Time: Sep 19 13:48:13 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

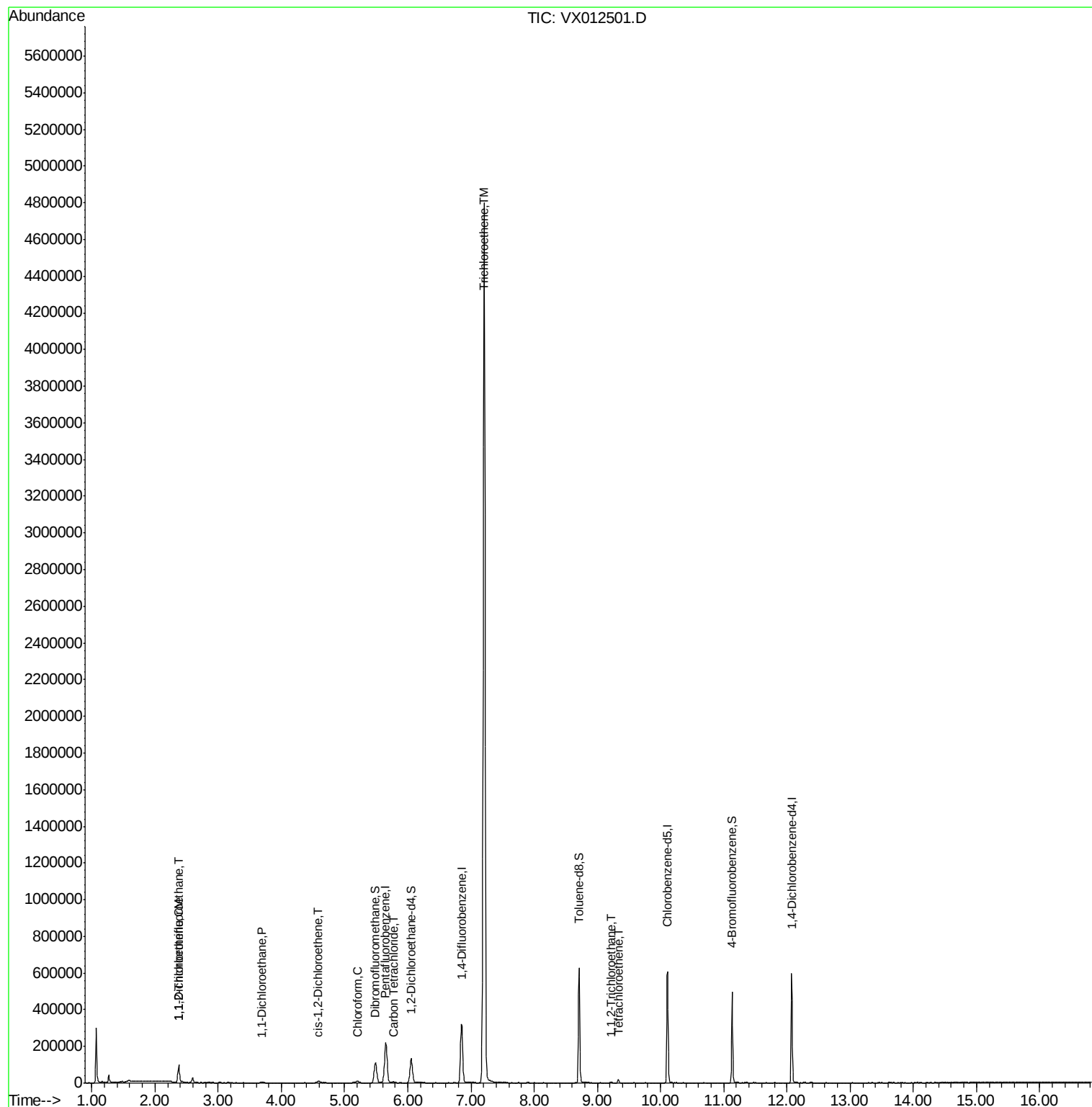
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	196430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	311642	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	268279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	114265	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	131572	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
35) Dibromofluoromethane	5.49	113	92392	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
50) Toluene-d8	8.71	98	358220	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
62) 4-Bromofluorobenzene	11.14	95	135197	46.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.28%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluoroet	2.37	101	32737	21.147	ug/l	99
12) 1,1-Dichloroethene	2.37	96	6409	5.190	ug/l	83
24) 1,1-Dichloroethane	3.69	63	3549	1.102	ug/l #	89
27) cis-1,2-Dichloroethene	4.59	96	5482	2.862	ug/l	88
30) Chloroform	5.20	83	8671	2.344	ug/l	92
38) Carbon Tetrachloride	5.77	117	4707	1.998	ug/l	96
44) Trichloroethene	7.21	130	1803455	1138.304	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	1496	0.748	ug/l	94
64) Tetrachloroethene	9.33	164	2895	2.355	ug/l #	83

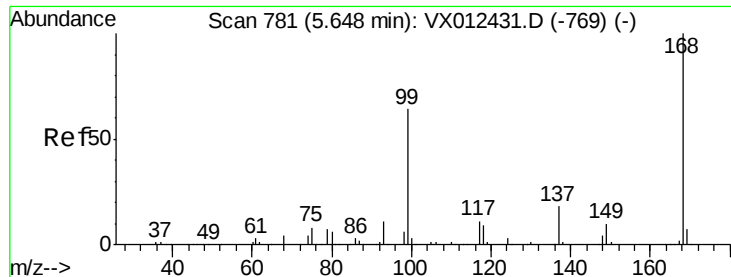
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012501.D

Acq: 19 Sep 2019 02:41

Instrument :

MSVOA_X

ClientSampleId :

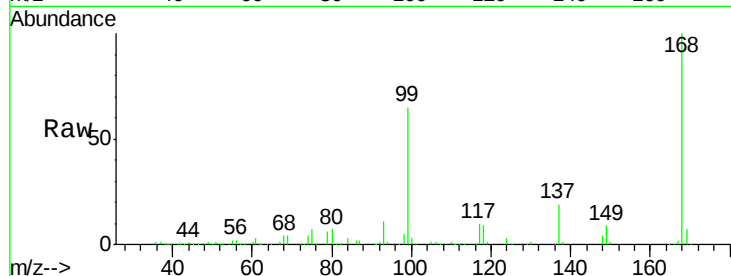
RE132D7-20190911

Tot Ion:168 Resp: 196430

Ion Ratio Lower Upper

168 100

99 64.6 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

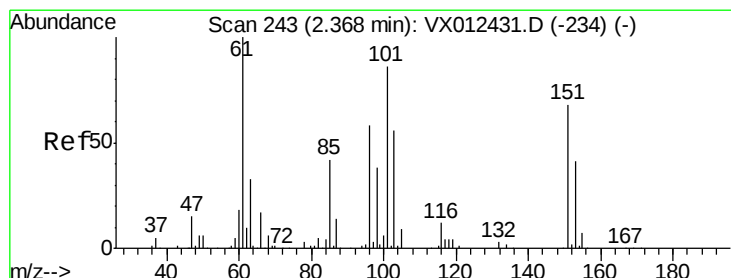
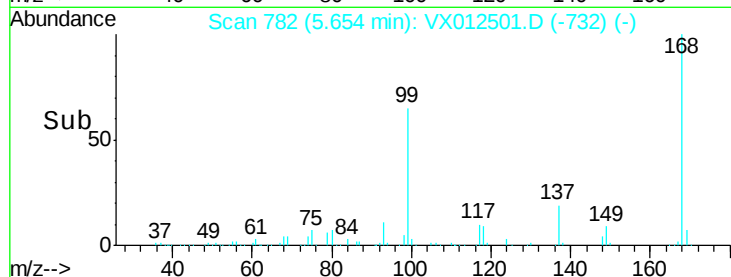
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.147 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012501.D

Acq: 19 Sep 2019 02:41

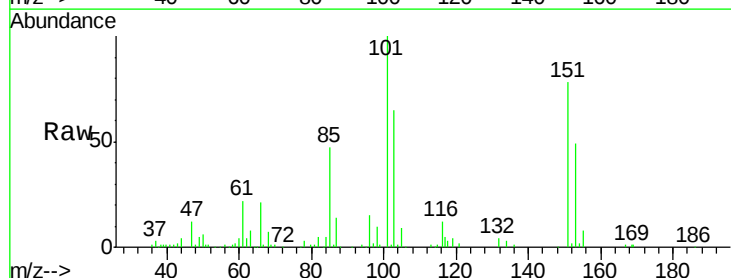
Tgt Ion:101 Resp: 32737

Ion Ratio Lower Upper

101 100

85 46.1 37.3 55.9

151 76.6 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

2.37

20000

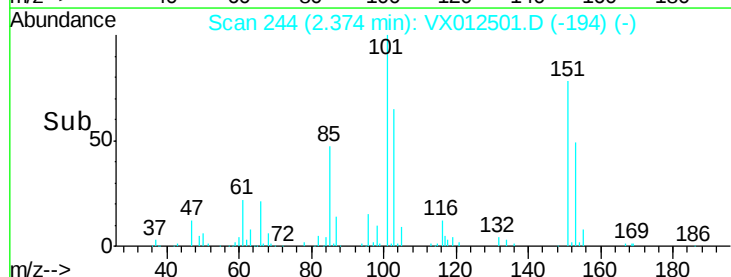
15000

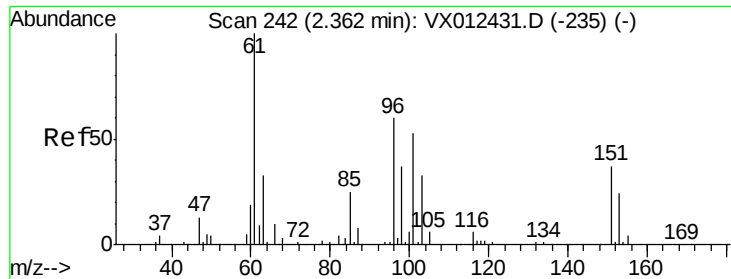
10000

5000

0

Time--> 2.30 2.40 2.50





#12

1,1-Dichloroethene

Concen: 5.190 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX012501.D

Acq: 19 Sep 2019 02:41

Instrument :

MSVOA_X

ClientSampleId :

RE132D7-20190911

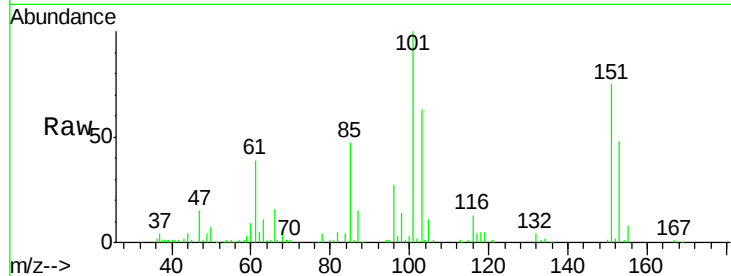
Tot Ion: 96 Resp: 6409

Ion Ratio Lower Upper

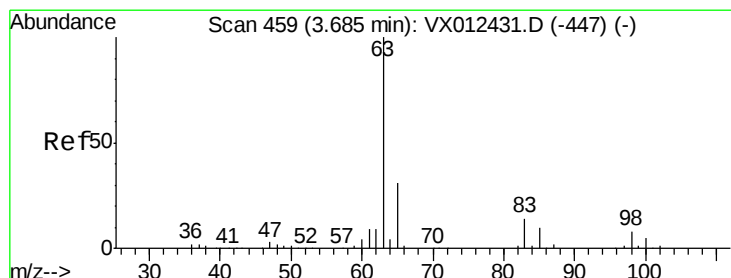
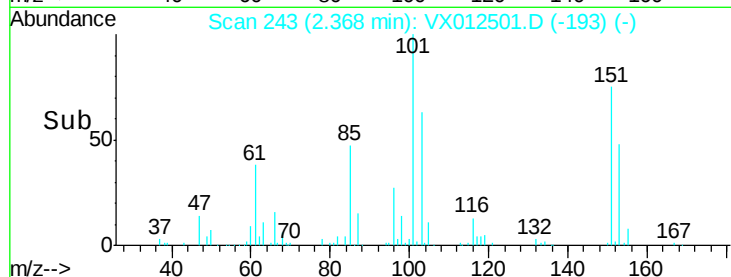
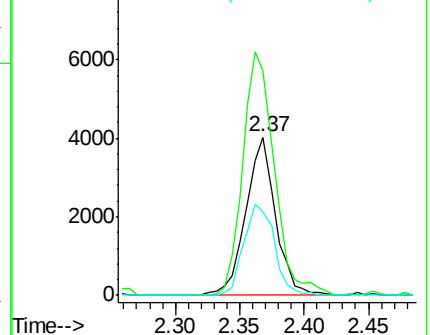
96 100

61 141.5 133.8 200.6

98 52.8 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: 1.102 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012501.D

Acq: 19 Sep 2019 02:41

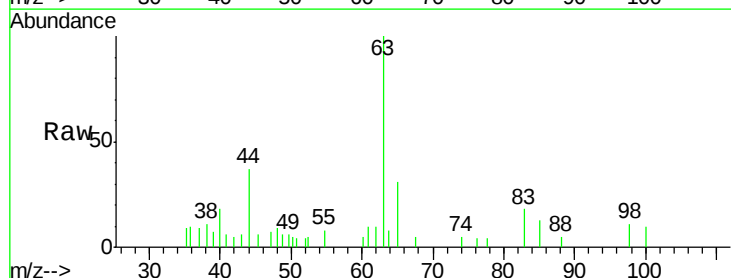
Tgt Ion: 63 Resp: 3549

Ion Ratio Lower Upper

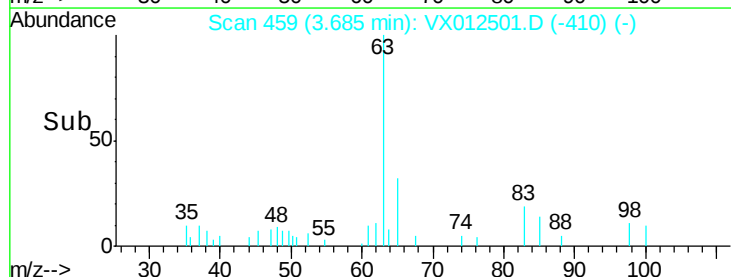
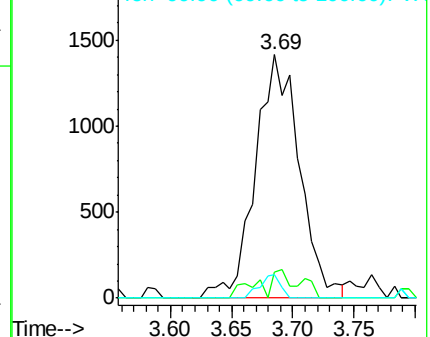
63 100

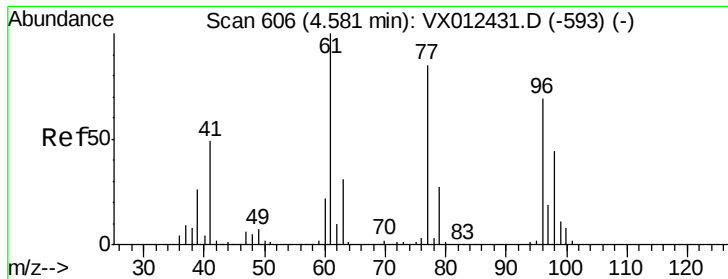
98 10.9 3.9 11.7

100 9.7 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



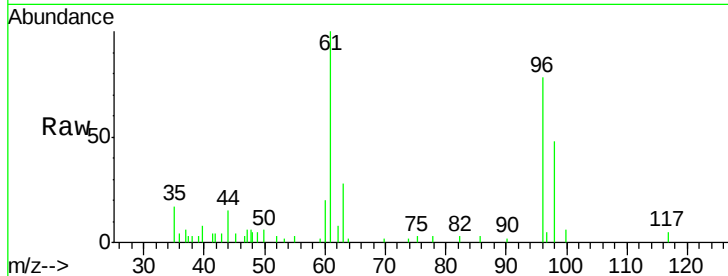


#27

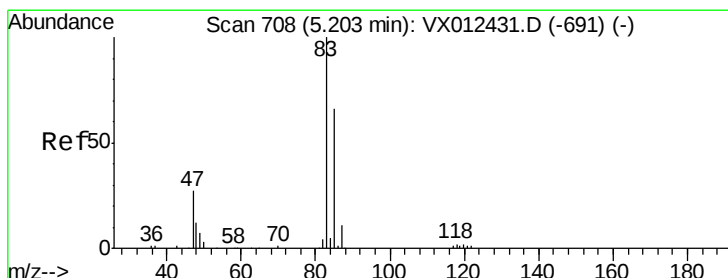
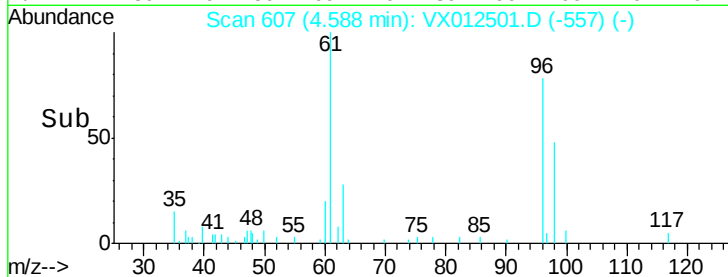
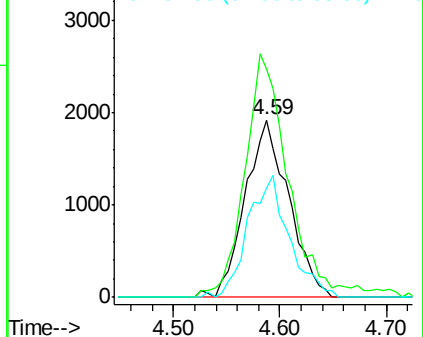
cis-1,2-Dichloroethene
 Concen: 2.862 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX012501.D
 Acq: 19 Sep 2019 02:41

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D7-20190911

Tot Ion: 96 Resp: 5482
 Ion Ratio Lower Upper
 96 100
 61 137.7 0.0 319.4
 98 64.8 0.0 130.6



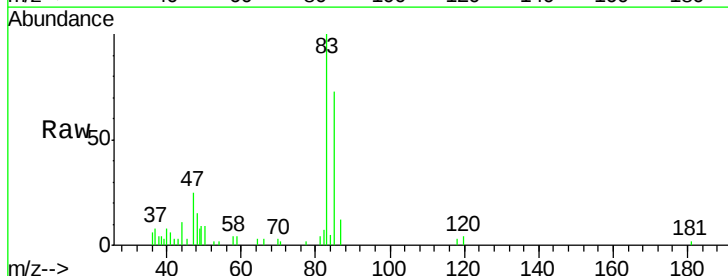
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



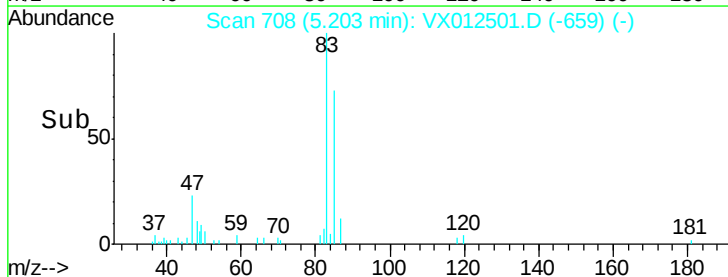
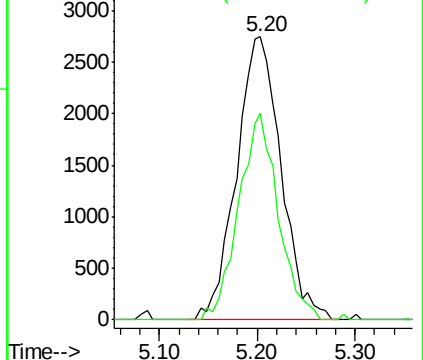
#30

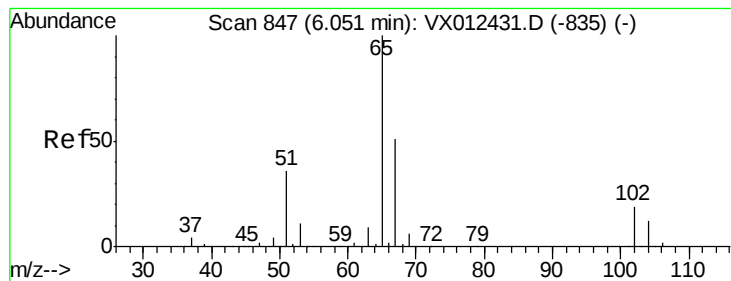
Chloroform
 Concen: 2.344 ug/l
 RT: 5.20 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: VX012501.D
 Acq: 19 Sep 2019 02:41

Tgt Ion: 83 Resp: 8671
 Ion Ratio Lower Upper
 83 100
 85 72.8 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: 46.736 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX012501.D

Acq: 19 Sep 2019 02:41

Instrument :

MSVOA_X

ClientSampleId :

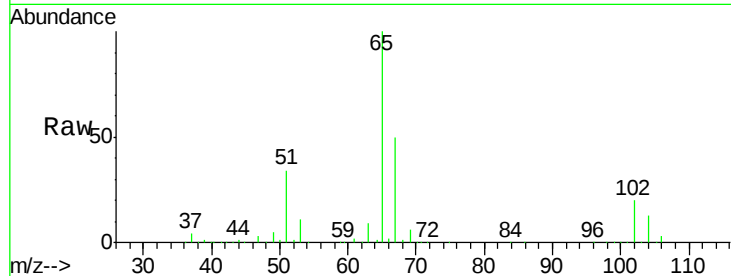
RE132D7-20190911

Tot Ion: 65 Resp: 131572

Ion Ratio Lower Upper

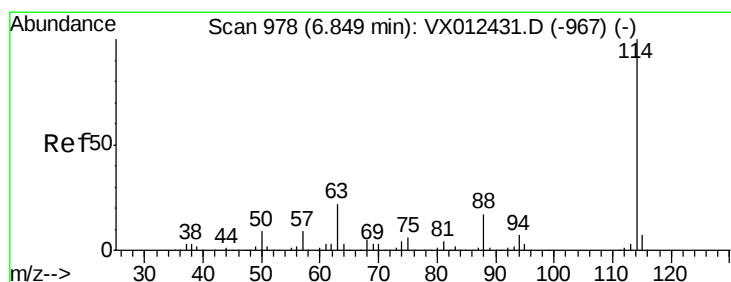
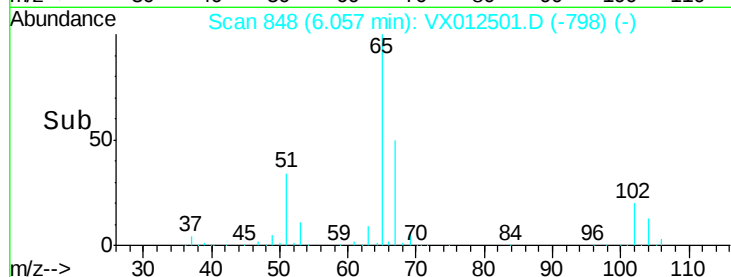
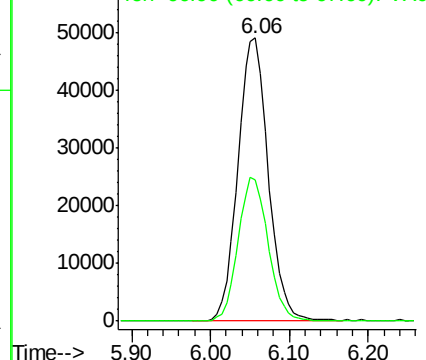
65 100

67 50.1 0.0 101.2



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: VX012501.D

Acq: 19 Sep 2019 02:41

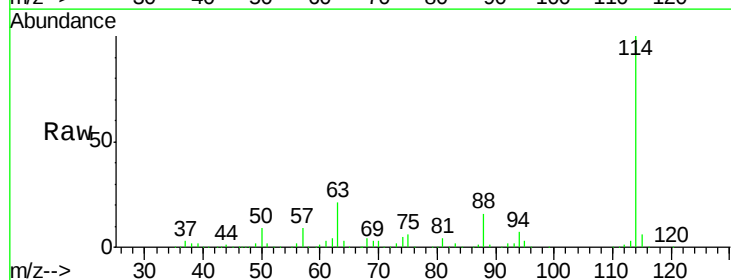
Tgt Ion: 114 Resp: 311642

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.2

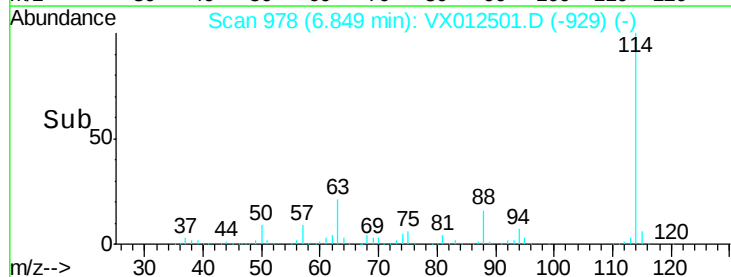
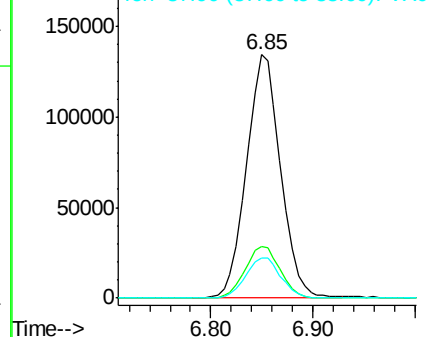
88 16.3 0.0 33.2

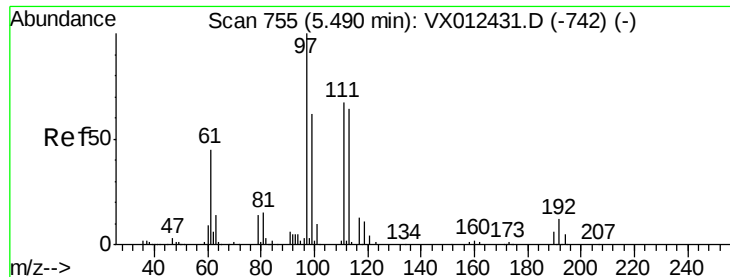


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

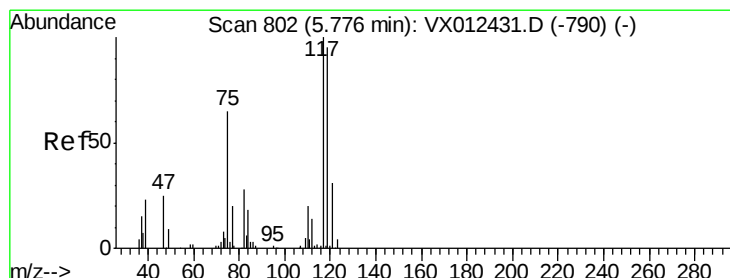
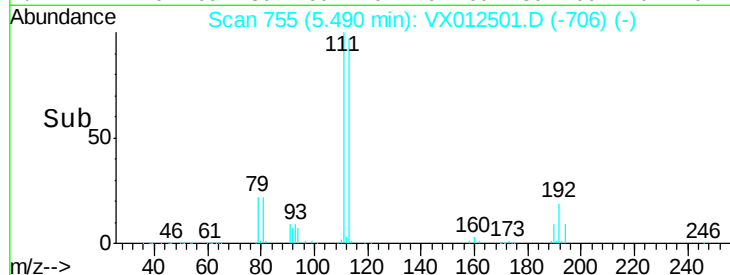
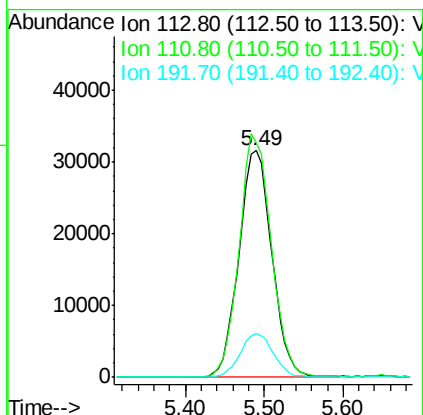
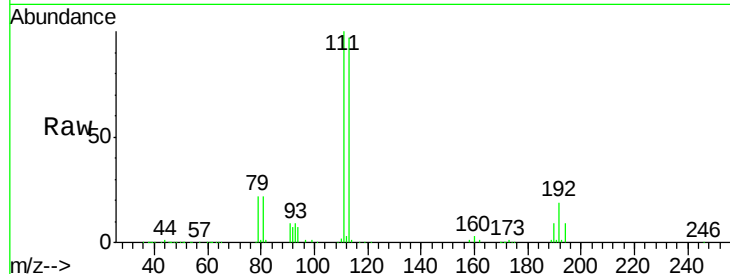




#35
 Dibromofluoromethane
 Concen: 48.982 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX012501.D
 Acq: 19 Sep 2019 02:41

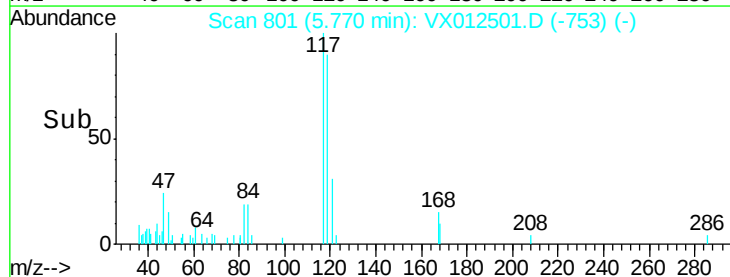
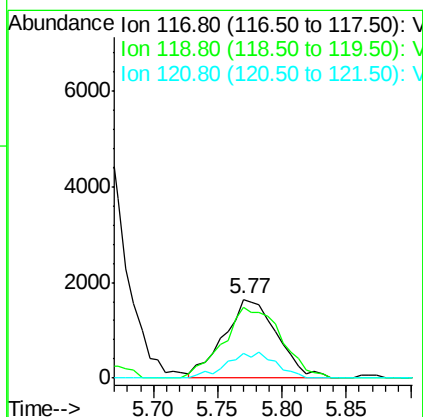
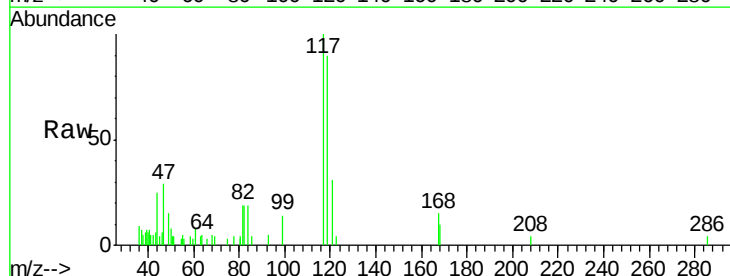
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D7-20190911

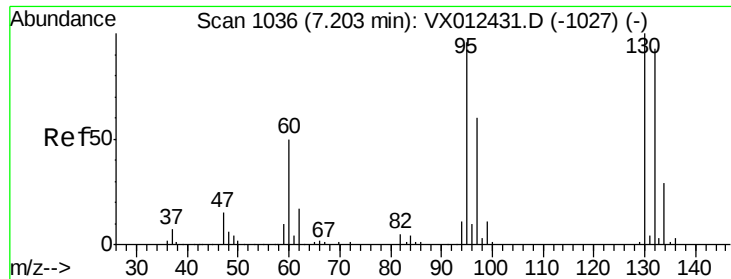
Tot Ion:113 Resp: 92392
 Ion Ratio Lower Upper
 113 100
 111 104.6 83.4 125.2
 192 19.5 14.4 21.6



#38
 Carbon Tetrachloride
 Concen: 1.998 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: VX012501.D
 Acq: 19 Sep 2019 02:41

Tgt Ion:117 Resp: 4707
 Ion Ratio Lower Upper
 117 100
 119 90.2 75.7 113.5
 121 30.6 24.2 36.4

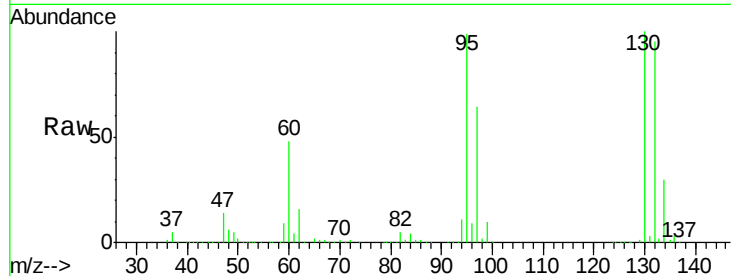




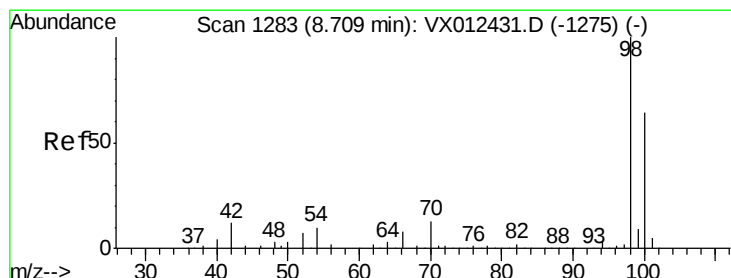
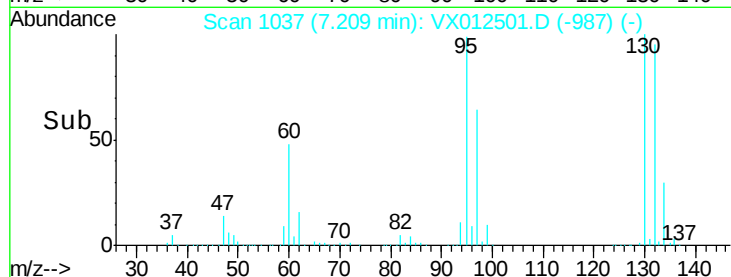
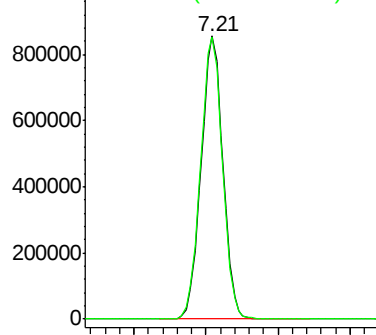
#44
 Trichloroethene
 Concen: 1138.304 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX012501.D
 Acq: 19 Sep 2019 02:41

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D7-20190911

Tot Ion:130 Resp: 1803455
 Ion Ratio Lower Upper
 130 100
 95 99.5 0.0 193.0

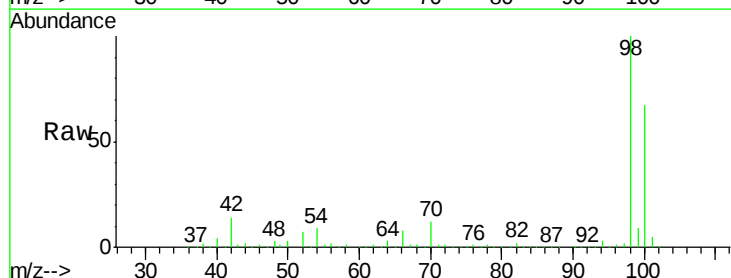


Abundance Ion 129.80 (129.50 to 130.50): V
 1000000 Ion 94.90 (94.60 to 95.60): VX0

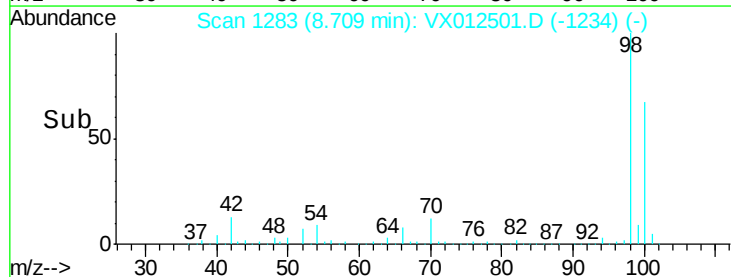
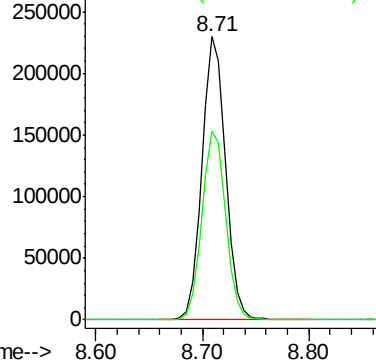


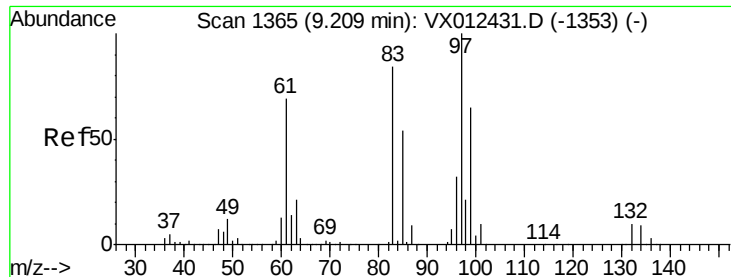
#50
 Toluene-d8
 Concen: 51.308 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012501.D
 Acq: 19 Sep 2019 02:41

Tgt Ion: 98 Resp: 358220
 Ion Ratio Lower Upper
 98 100
 100 67.4 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
 250000 Ion 100.00 (99.70 to 100.70): VX0

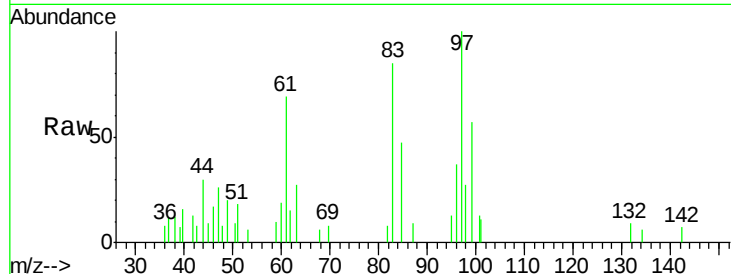




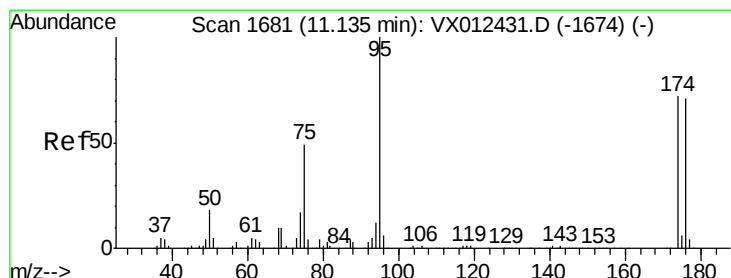
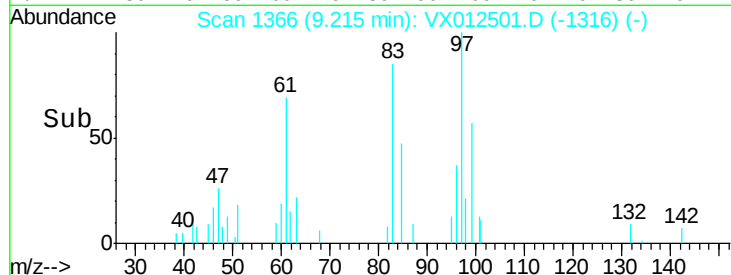
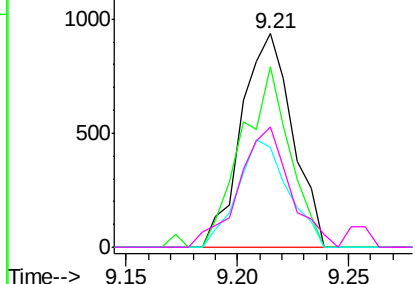
#55
 1,1,2-Trichloroethane
 Concen: 0.748 ug/l
 RT: 9.21 min Scan# 1366
 Delta R.T. 0.01 min
 Lab File: VX012501.D
 Acq: 19 Sep 2019 02:41

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D7-20190911

Tot Ion:	97	Resp:	1496
Ion	Ratio	Lower	Upper
97	100		
83	84.5	67.4	101.2
85	46.9	43.5	65.3
99	56.6	51.8	77.8

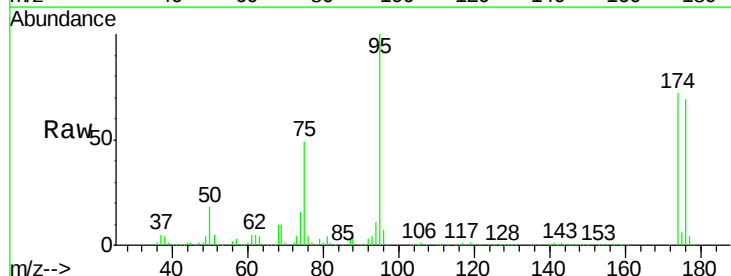


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

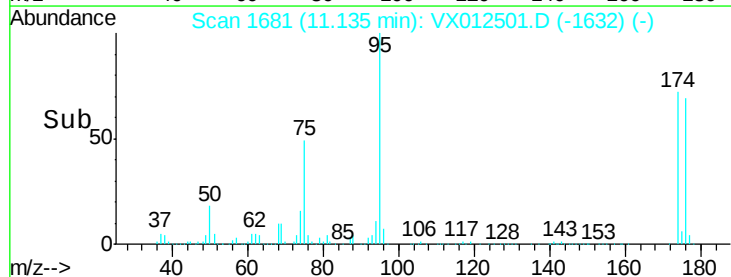
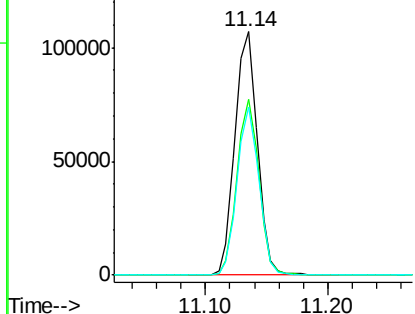


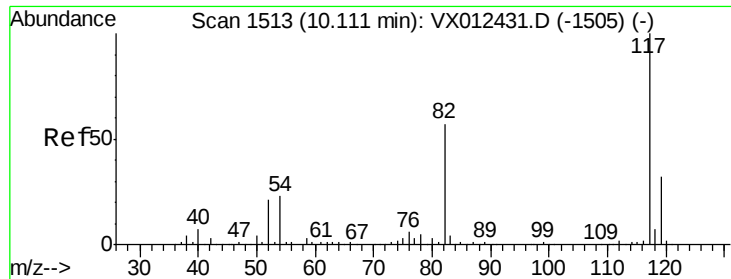
#62
 4-Bromofluorobenzene
 Concen: 46.637 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VX012501.D
 Acq: 19 Sep 2019 02:41

Tgt Ion:	95	Resp:	135197
Ion	Ratio	Lower	Upper
95	100		
174	70.6	0.0	140.0
176	67.3	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

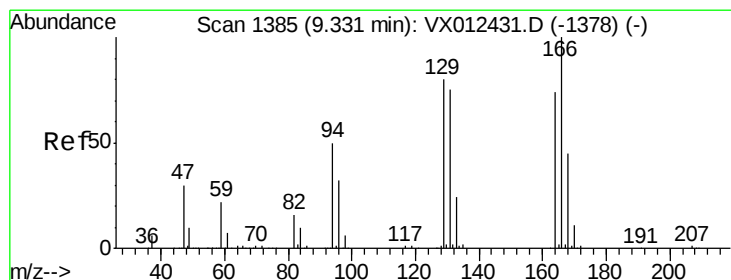
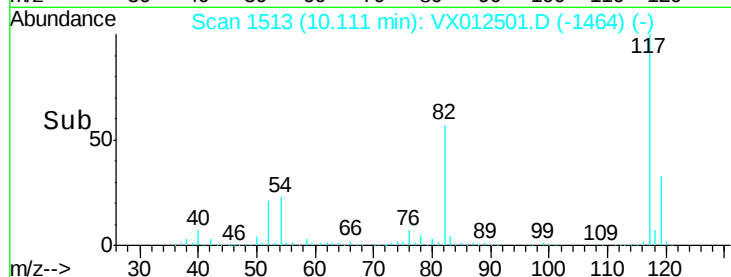
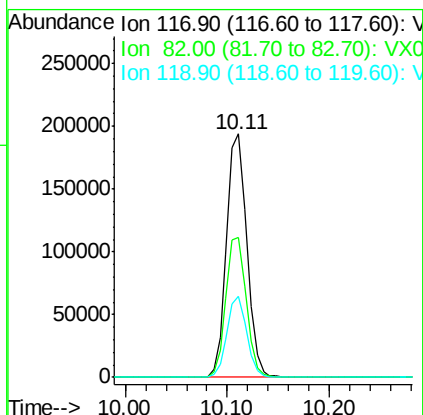
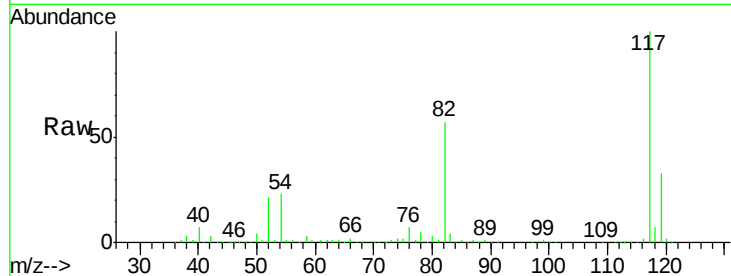




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012501.D
Acq: 19 Sep 2019 02:41

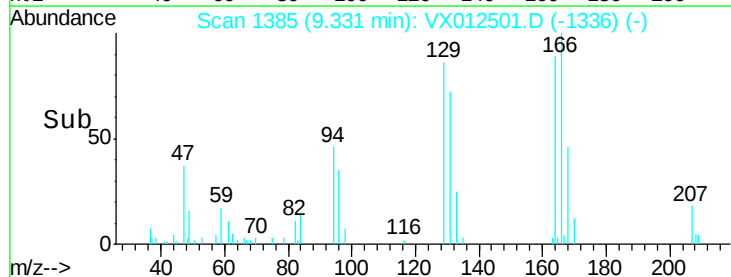
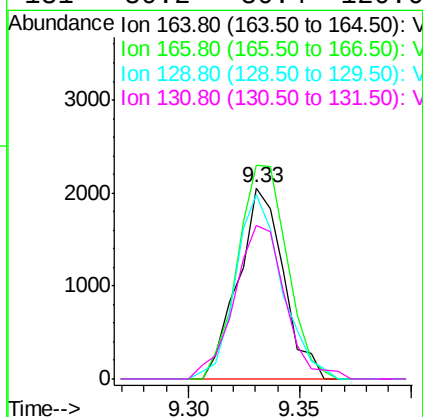
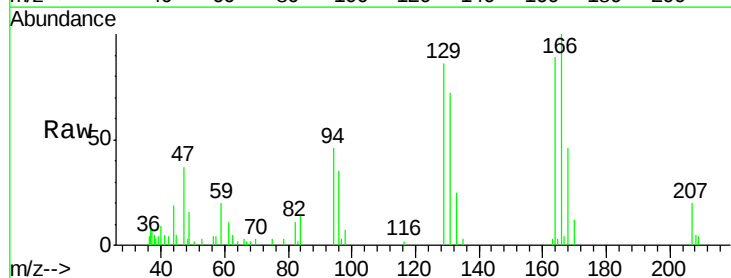
Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20190911

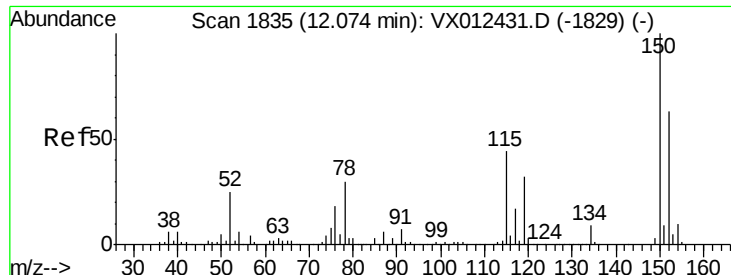
Tot Ion:117 Resp: 268279
Ion Ratio Lower Upper
117 100
82 57.2 45.9 68.9
119 33.0 25.3 37.9



#64
Tetrachloroethene
Concen: 2.355 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012501.D
Acq: 19 Sep 2019 02:41

Tgt Ion:164 Resp: 2895
Ion Ratio Lower Upper
164 100
166 111.9 107.8 161.6
129 96.6 86.2 129.2
131 80.2 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: VX012501.D

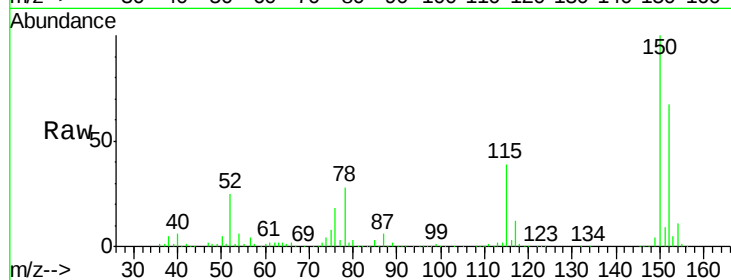
Acq: 19 Sep 2019 02:41

Instrument :

MSVOA_X

ClientSampleId :

RE132D7-20190911



Tot Ion:152 Resp: 114265

Ion Ratio Lower Upper

152 100

115 61.6 44.1 132.3

150 154.5 0.0 343.8

