

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012503.D
 Acq On : 19 Sep 2019 03:28
 Operator : JC/SP
 Sample : K4858-23
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20190911

Quant Time: Sep 19 08:58:17 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	191700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	302252	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	252602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	92786	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	129051	46.97	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.94%	
35) Dibromofluoromethane	5.49	113	90536	49.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.98%	
50) Toluene-d8	8.71	98	346862	51.22	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.44%	
62) 4-Bromofluorobenzene	11.13	95	118715	42.22	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	84.44%	

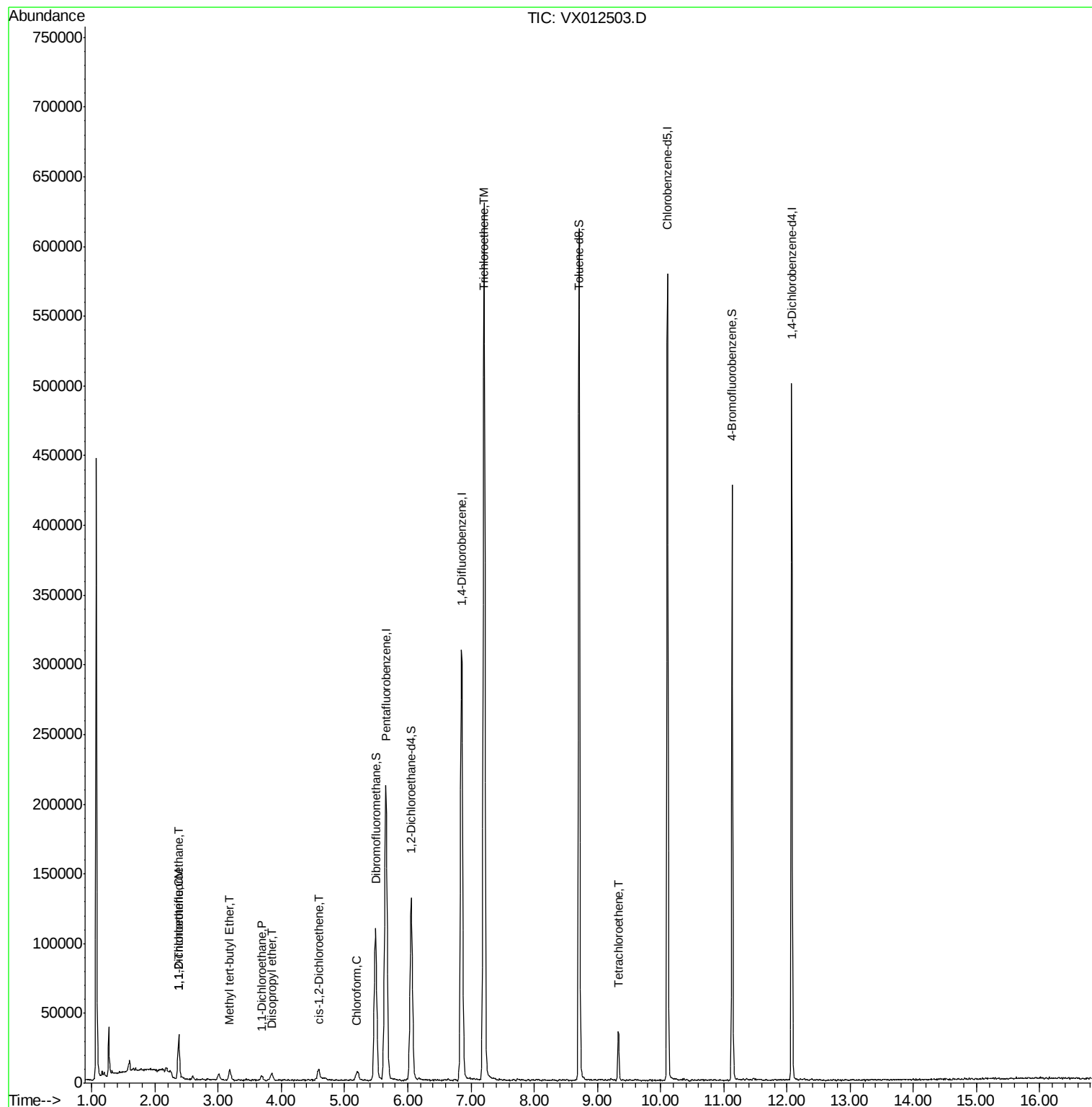
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.37	101	10422	6.898	ug/l	99
12) 1,1-Dichloroethene	2.37	96	2365	1.962	ug/l	88
19) Methyl tert-butyl Ether	3.18	73	6991	1.064	ug/l	97
22) Diisopropyl ether	3.85	45	5539	0.843	ug/l #	85
24) 1,1-Dichloroethane	3.69	63	3172	1.009	ug/l #	89
27) cis-1,2-Dichloroethene	4.58	96	4651	2.488	ug/l	90
30) Chloroform	5.20	83	7472	2.070	ug/l	100
44) Trichloroethene	7.21	130	239036	155.562	ug/l	95
64) Tetrachloroethene	9.34	164	5926	5.120	ug/l	96

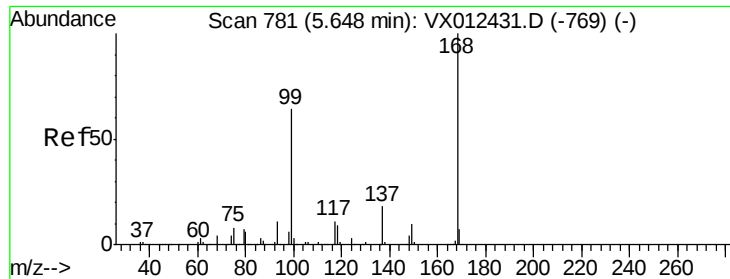
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091819\
Data File : VX012503.D
Acq On : 19 Sep 2019 03:28
Operator : JC/SP
Sample : K4858-23
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20190911

Quant Time: Sep 19 08:58:17 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: VX012503.D

Acq: 19 Sep 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

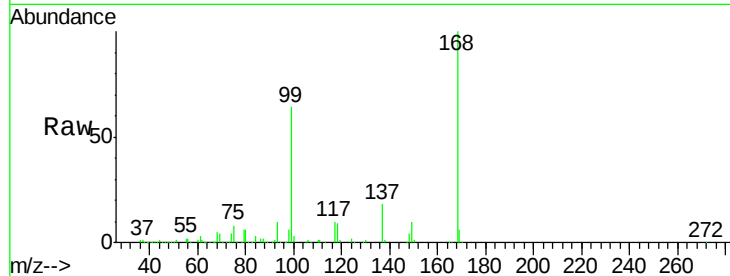
RE132D1-20190911

Tot Ion:168 Resp: 191700

Ion Ratio Lower Upper

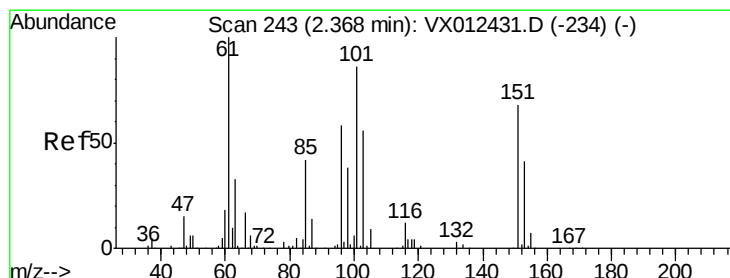
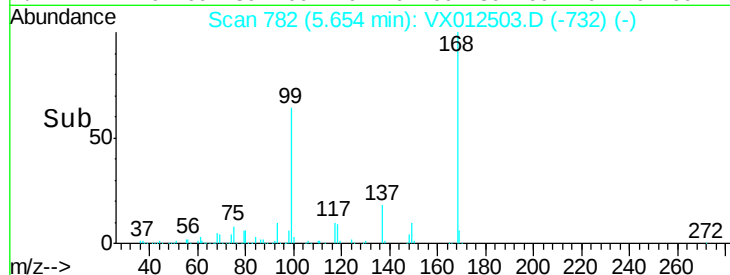
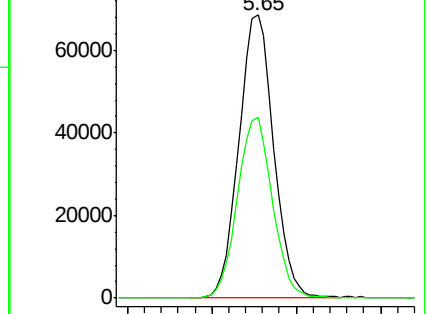
168 100

99 64.0 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: 6.898 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012503.D

Acq: 19 Sep 2019 03:28

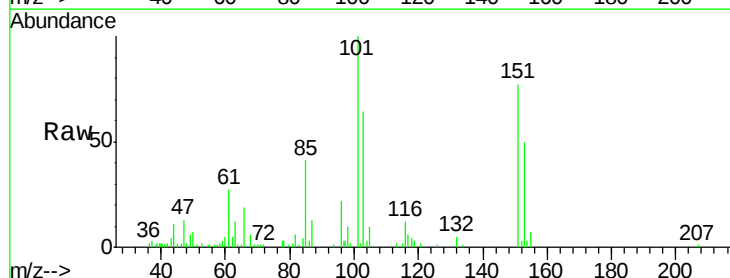
Tgt Ion:101 Resp: 10422

Ion Ratio Lower Upper

101 100

85 47.3 37.3 55.9

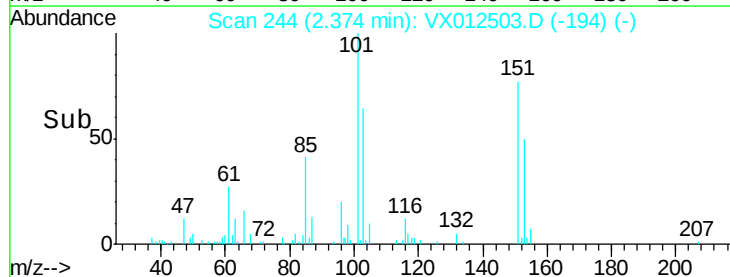
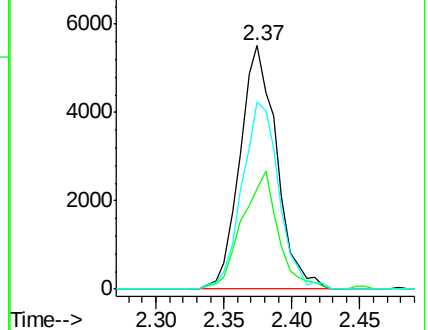
151 77.5 61.0 91.4

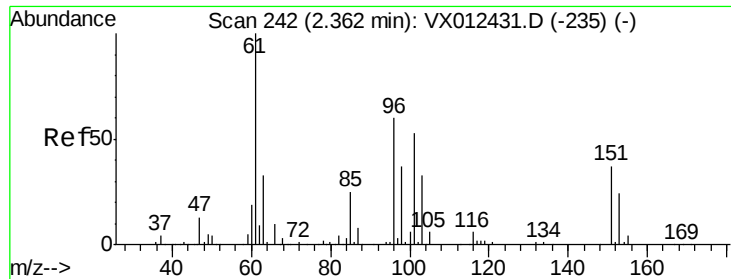


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 1.962 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX012503.D

Acq: 19 Sep 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20190911

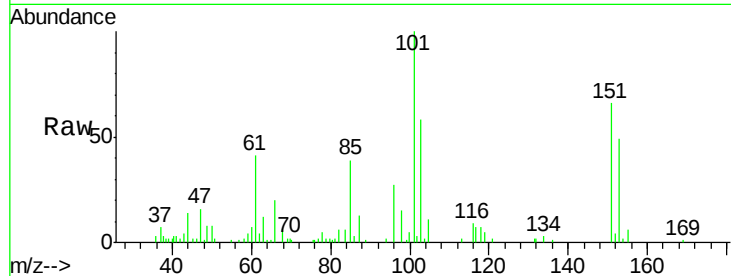
Tot Ion: 96 Resp: 2365

Ion Ratio Lower Upper

96 100

61 149.3 133.8 200.6

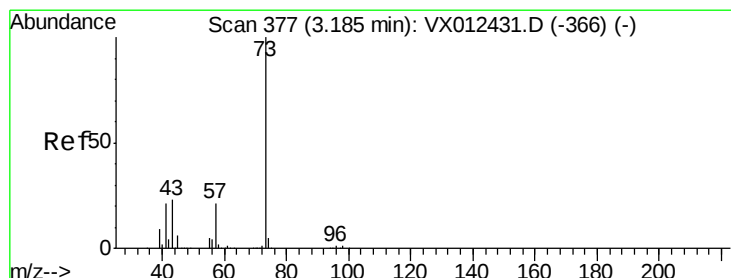
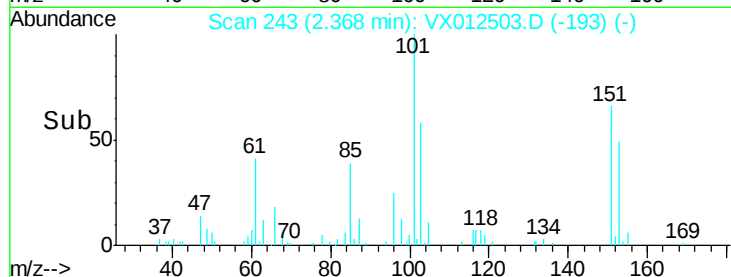
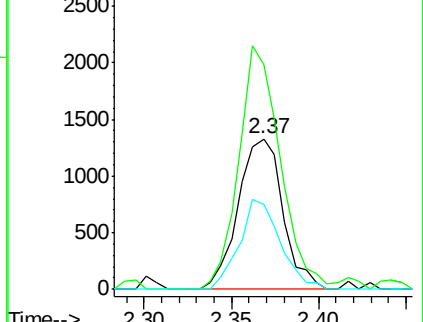
98 56.3 49.9 74.9



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



#19

Methyl tert-butyl Ether

Concen: 1.064 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX012503.D

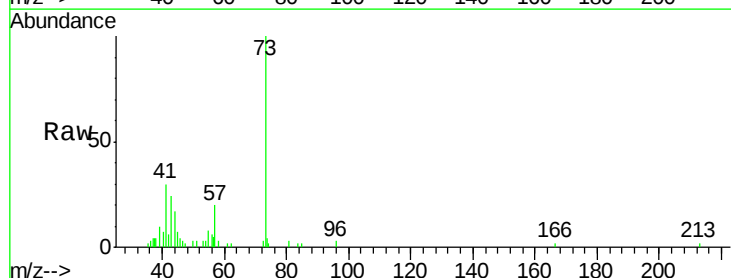
Acq: 19 Sep 2019 03:28

Tgt Ion: 73 Resp: 6991

Ion Ratio Lower Upper

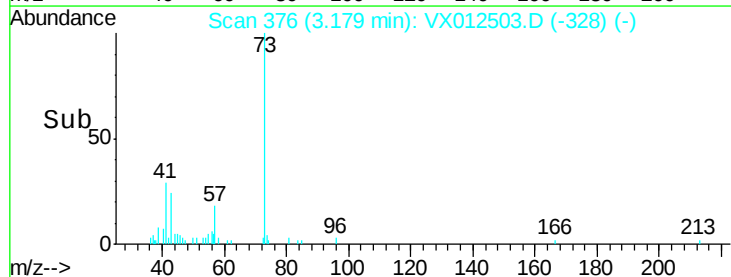
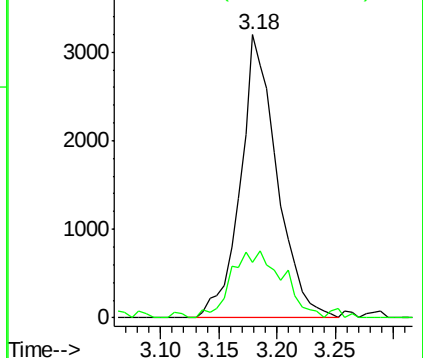
73 100

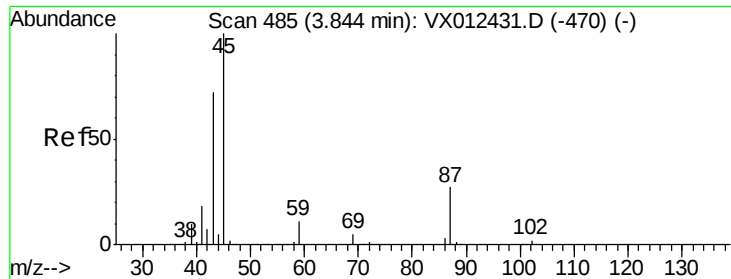
57 19.6 16.8 25.2



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

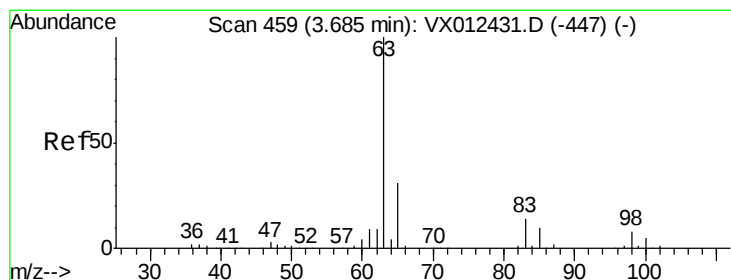
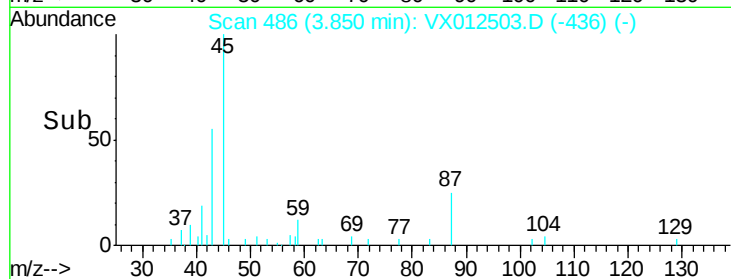
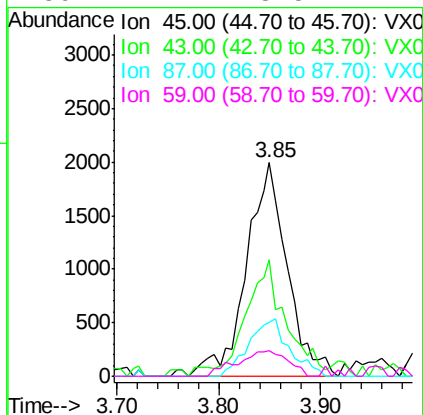
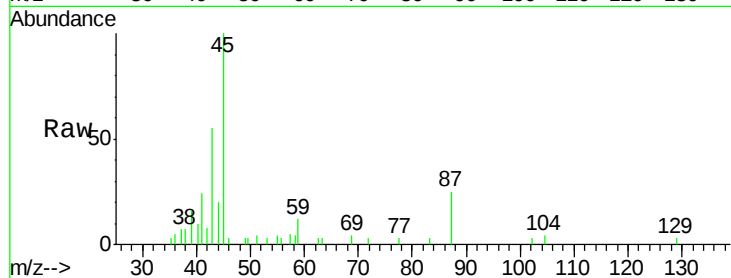




#22
Diisopropyl ether
Concen: 0.843 ug/l
RT: 3.85 min Scan# 486
Delta R.T. 0.01 min
Lab File: VX012503.D
Acq: 19 Sep 2019 03:28

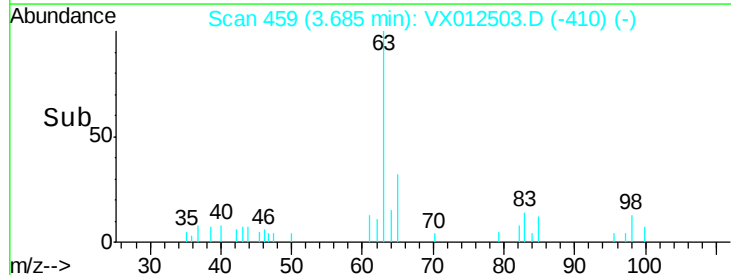
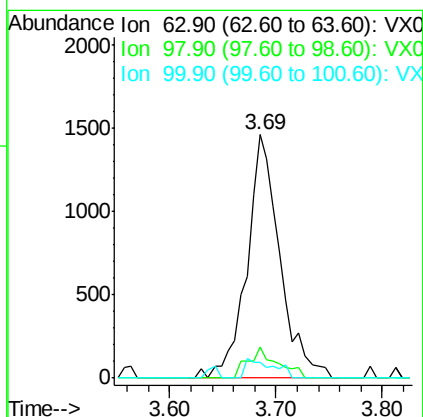
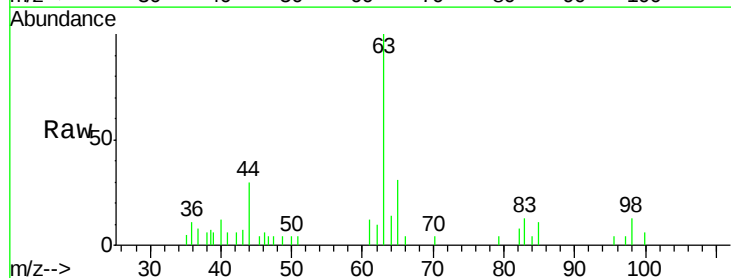
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20190911

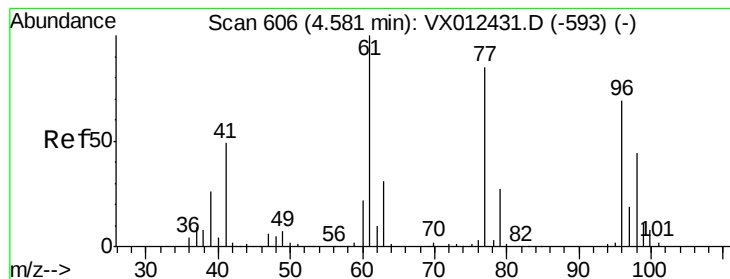
Tot Ion:	45	Resp:	5539
Ion	Ratio	Lower	Upper
45	100		
43	54.6	57.8	86.8#
87	25.1	21.3	31.9
59	12.2	8.5	12.7



#24
1,1-Dichloroethane
Concen: 1.009 ug/l
RT: 3.69 min Scan# 459
Delta R.T. -0.00 min
Lab File: VX012503.D
Acq: 19 Sep 2019 03:28

Tgt Ion:	63	Resp:	3172
Ion	Ratio	Lower	Upper
63	100		
98	12.6	3.9	11.7#
100	6.5	2.3	6.9



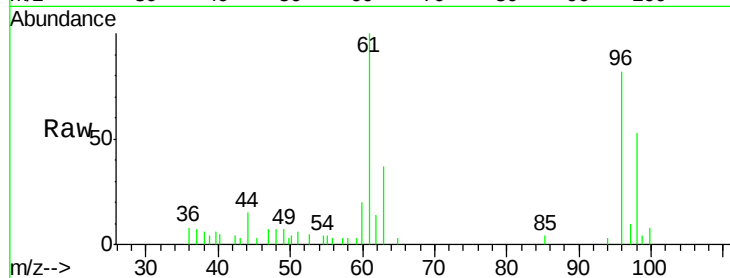


#27

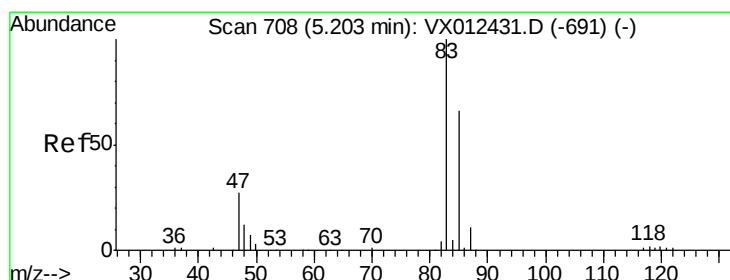
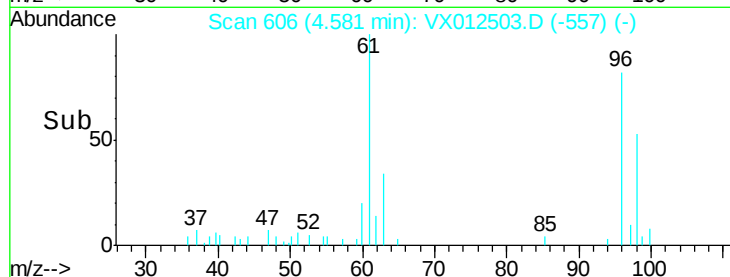
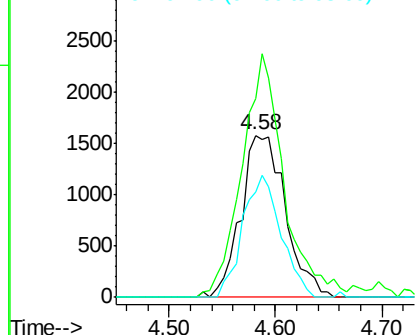
cis-1,2-Dichloroethene
 Concen: 2.488 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX012503.D
 Acq: 19 Sep 2019 03:28

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20190911

Tot Ion: 96 Resp: 4651
 Ion Ratio Lower Upper
 96 100
 61 140.9 0.0 319.4
 98 64.6 0.0 130.6



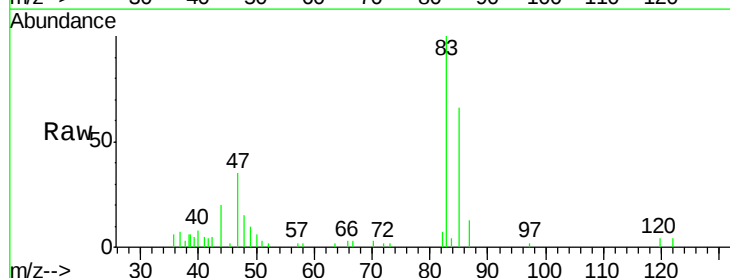
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



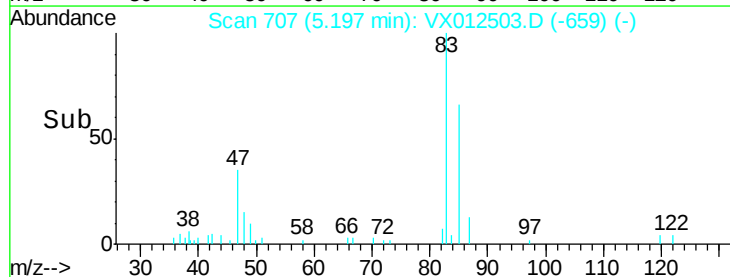
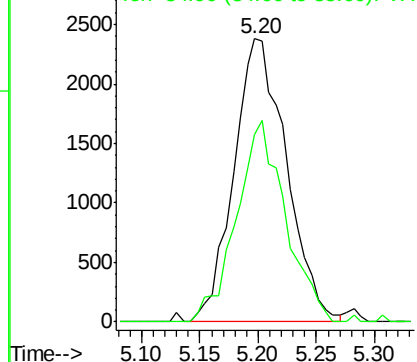
#30

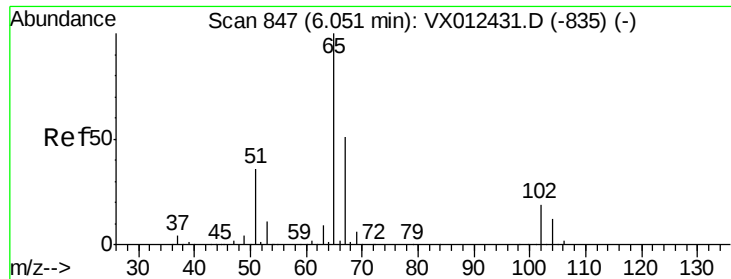
Chloroform
 Concen: 2.070 ug/l
 RT: 5.20 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: VX012503.D
 Acq: 19 Sep 2019 03:28

Tgt Ion: 83 Resp: 7472
 Ion Ratio Lower Upper
 83 100
 85 66.4 53.0 79.4



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

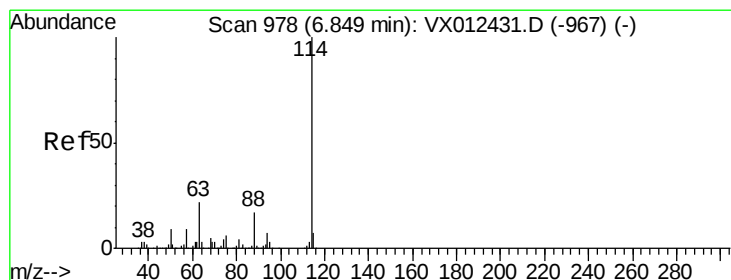
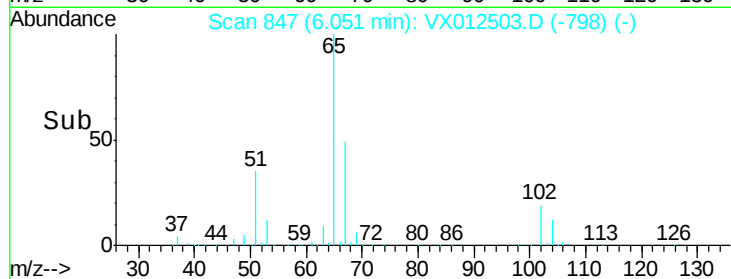
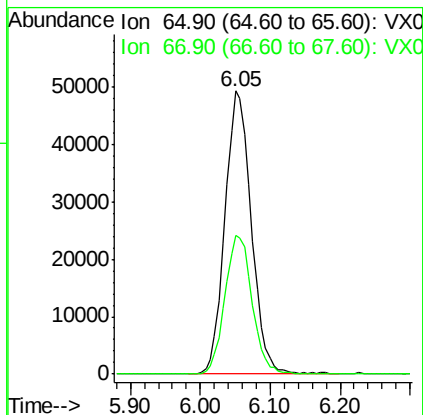
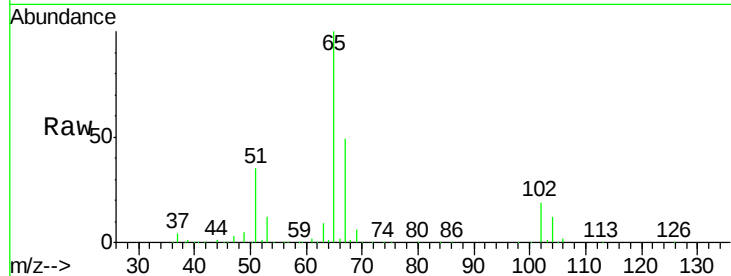




#33
 1,2-Dichloroethane-d4
 Concen: 46.971 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012503.D
 Acq: 19 Sep 2019 03:28

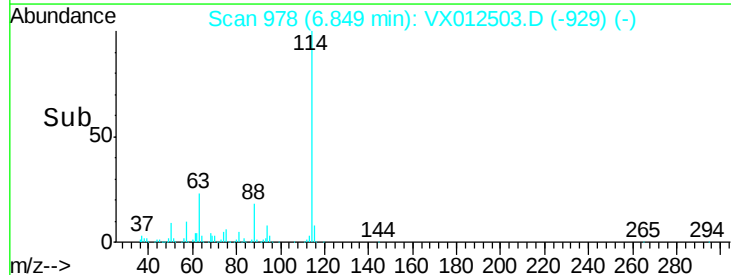
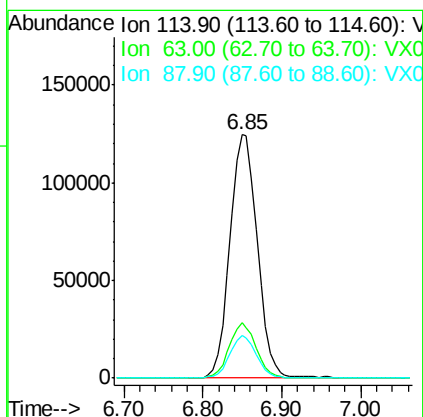
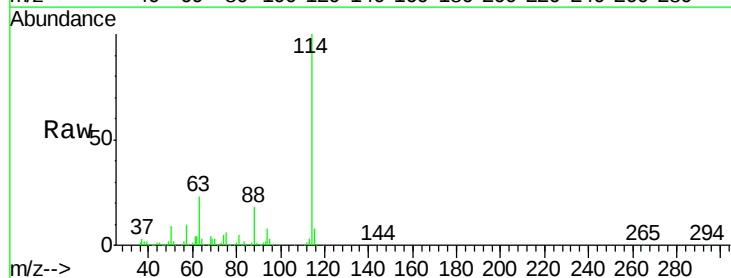
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20190911

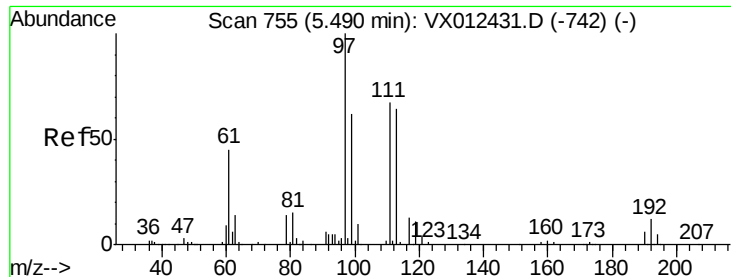
Tot Ion: 65 Resp: 129051
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012503.D
 Acq: 19 Sep 2019 03:28

Tgt Ion: 114 Resp: 302252
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 43.2
 88 17.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.489 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX012503.D

Acq: 19 Sep 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20190911

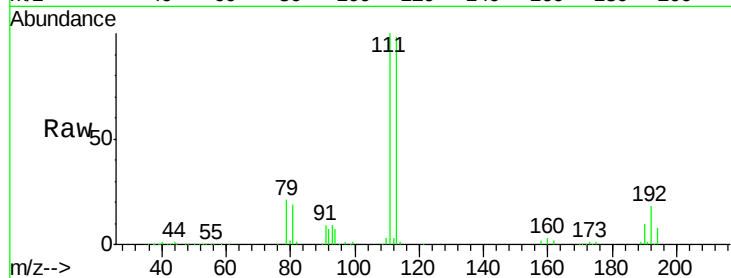
Tot Ion:113 Resp: 90536

Ion Ratio Lower Upper

113 100

111 102.7 83.4 125.2

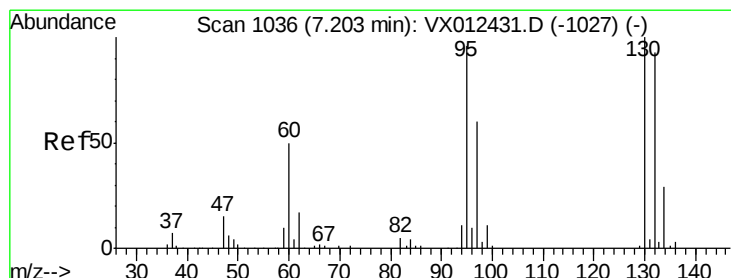
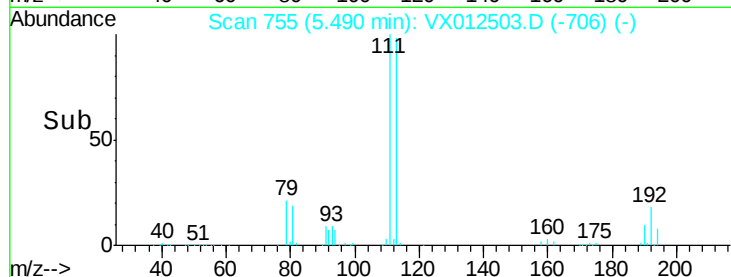
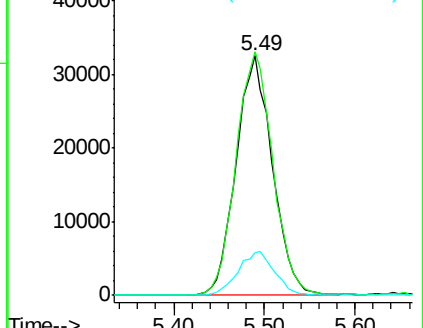
192 18.6 14.4 21.6



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: 155.562 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012503.D

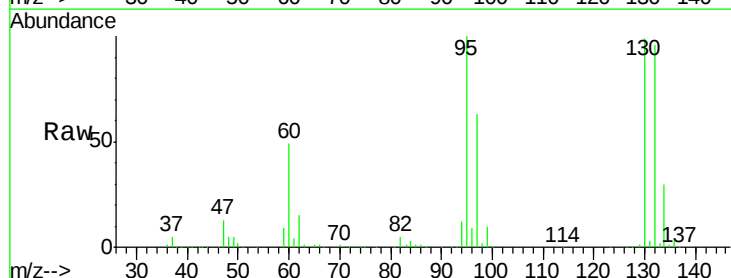
Acq: 19 Sep 2019 03:28

Tgt Ion:130 Resp: 239036

Ion Ratio Lower Upper

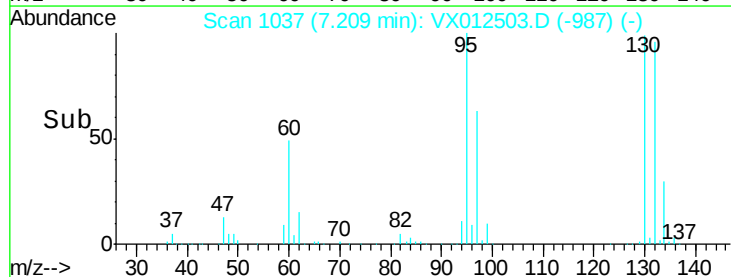
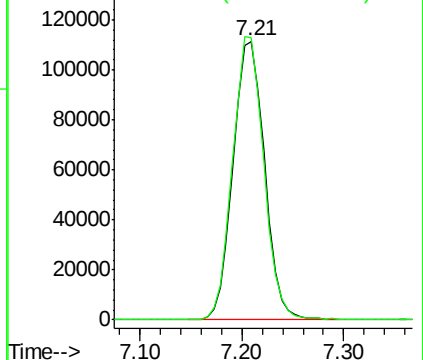
130 100

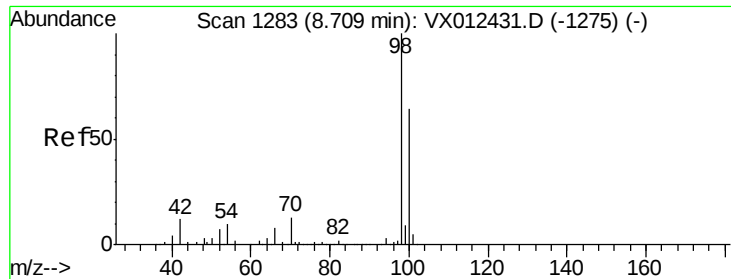
95 101.4 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

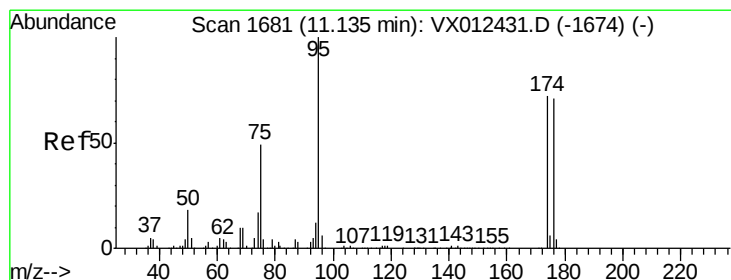
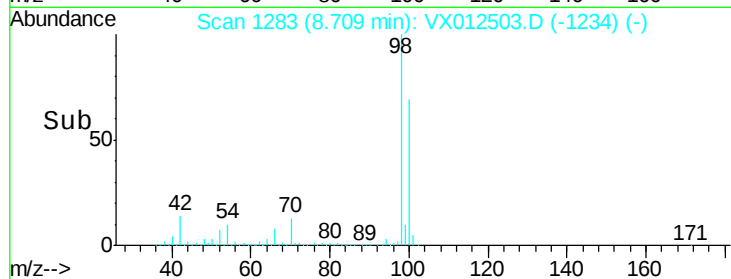
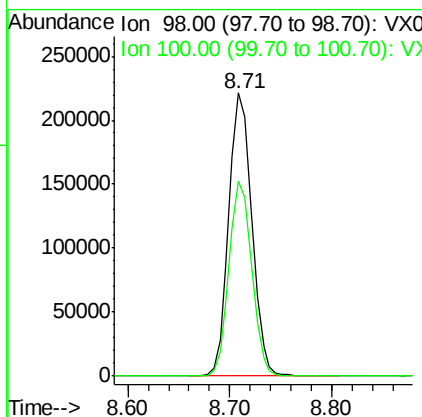
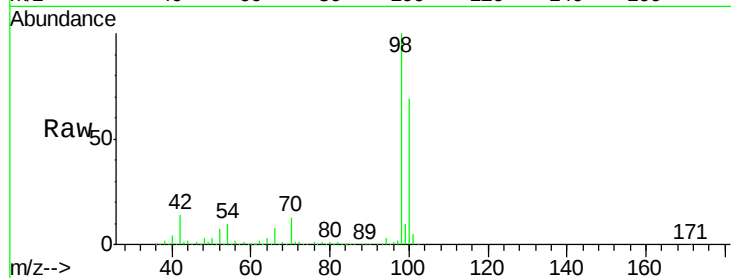




#50
Toluene-d8
Concen: 51.224 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012503.D
Acq: 19 Sep 2019 03:28

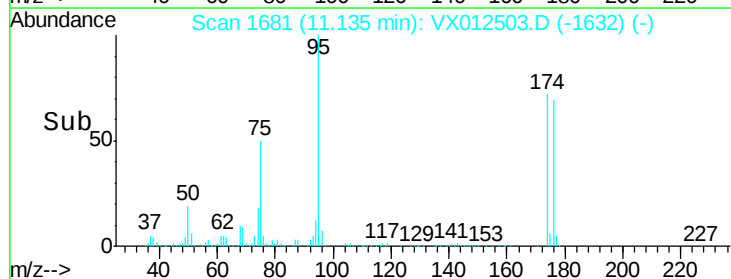
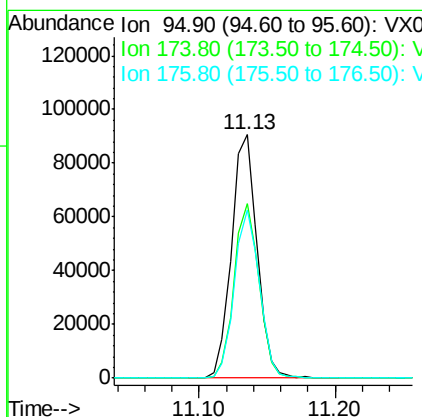
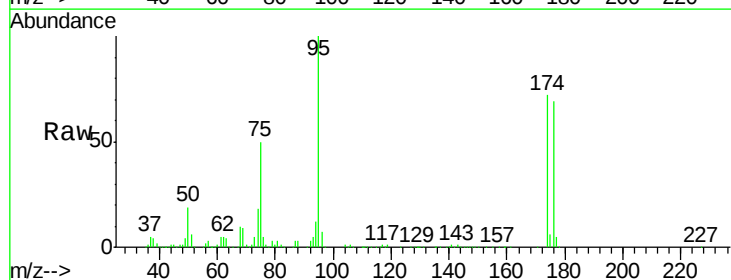
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20190911

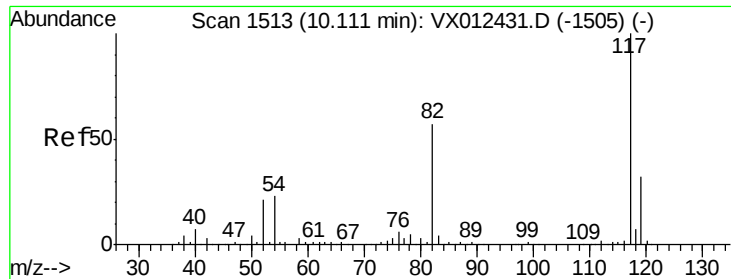
Tot Ion: 98 Resp: 346862
Ion Ratio Lower Upper
98 100
100 68.0 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 42.224 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012503.D
Acq: 19 Sep 2019 03:28

Tgt Ion: 95 Resp: 118715
Ion Ratio Lower Upper
95 100
174 70.3 0.0 140.0
176 68.1 0.0 135.4

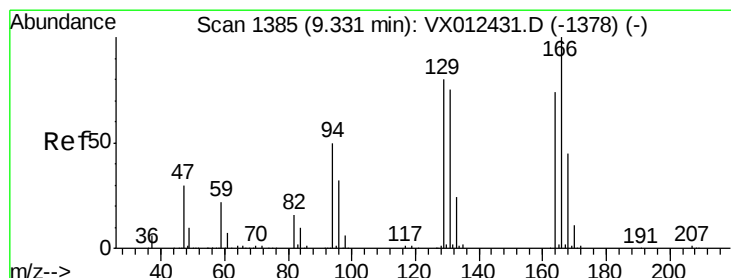
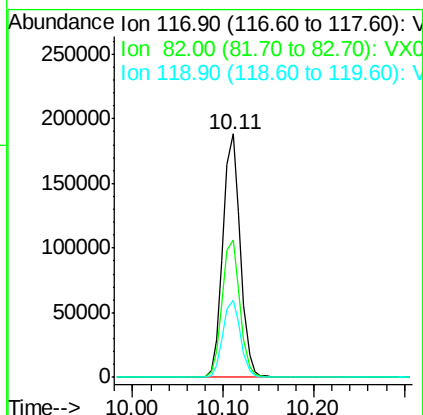
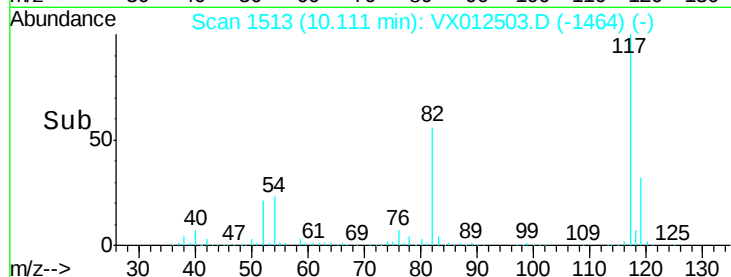
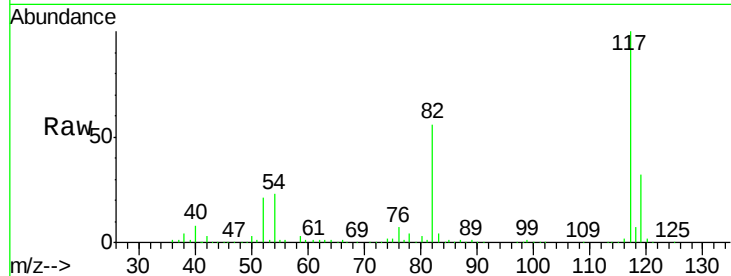




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012503.D
Acq: 19 Sep 2019 03:28

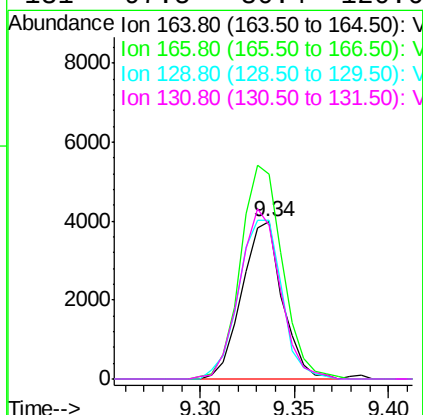
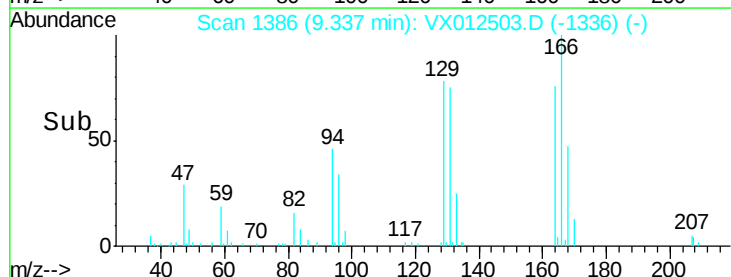
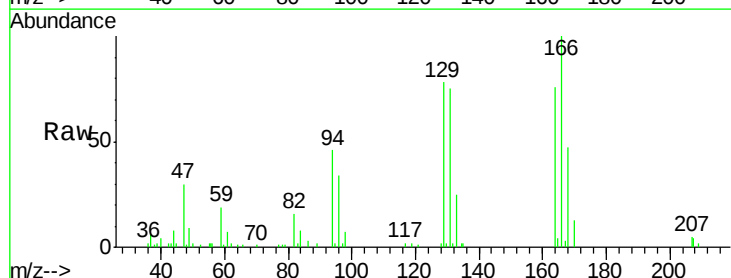
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20190911

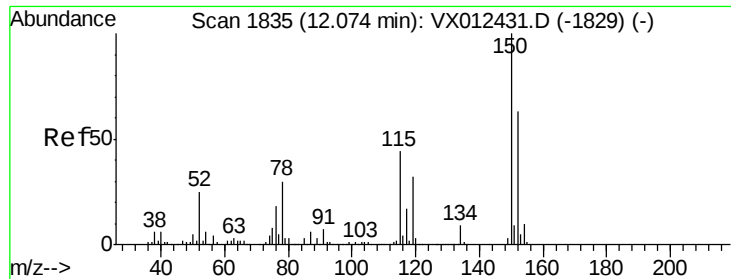
Tot Ion:117 Resp: 252602
Ion Ratio Lower Upper
117 100
82 56.2 45.9 68.9
119 31.7 25.3 37.9



#64
Tetrachloroethene
Concen: 5.120 ug/l
RT: 9.34 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VX012503.D
Acq: 19 Sep 2019 03:28

Tgt Ion:164 Resp: 5926
Ion Ratio Lower Upper
164 100
166 130.7 107.8 161.6
129 101.4 86.2 129.2
131 97.5 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: VX012503.D

Acq: 19 Sep 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20190911

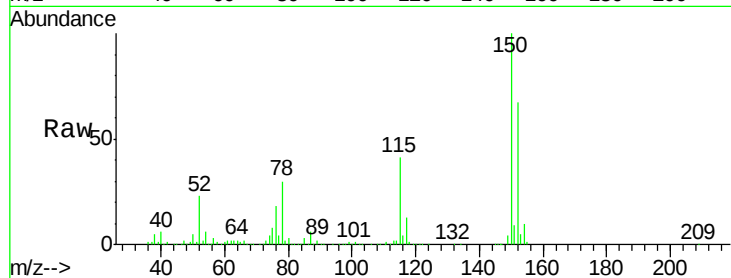
Tot Ion:152 Resp: 92786

Ion Ratio Lower Upper

152 100

115 62.6 44.1 132.3

150 154.0 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

