

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091719\
 Data File : VX012452.D
 Acq On : 17 Sep 2019 23:24
 Operator : JC/SP
 Sample : K4858-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20190909

Quant Time: Sep 18 04:51:54 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	162948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	261697	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	220631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	92236	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	113696	48.68	ug/l	0.00
Spiked Amount			Recovery	=	97.36%	
35) Dibromofluoromethane	5.49	113	79929	50.46	ug/l	0.00
Spiked Amount			Recovery	=	100.92%	
50) Toluene-d8	8.71	98	303958	51.84	ug/l	0.00
Spiked Amount			Recovery	=	103.68%	
62) 4-Bromofluorobenzene	11.14	95	111241	45.70	ug/l	0.00
Spiked Amount			Recovery	=	91.40%	

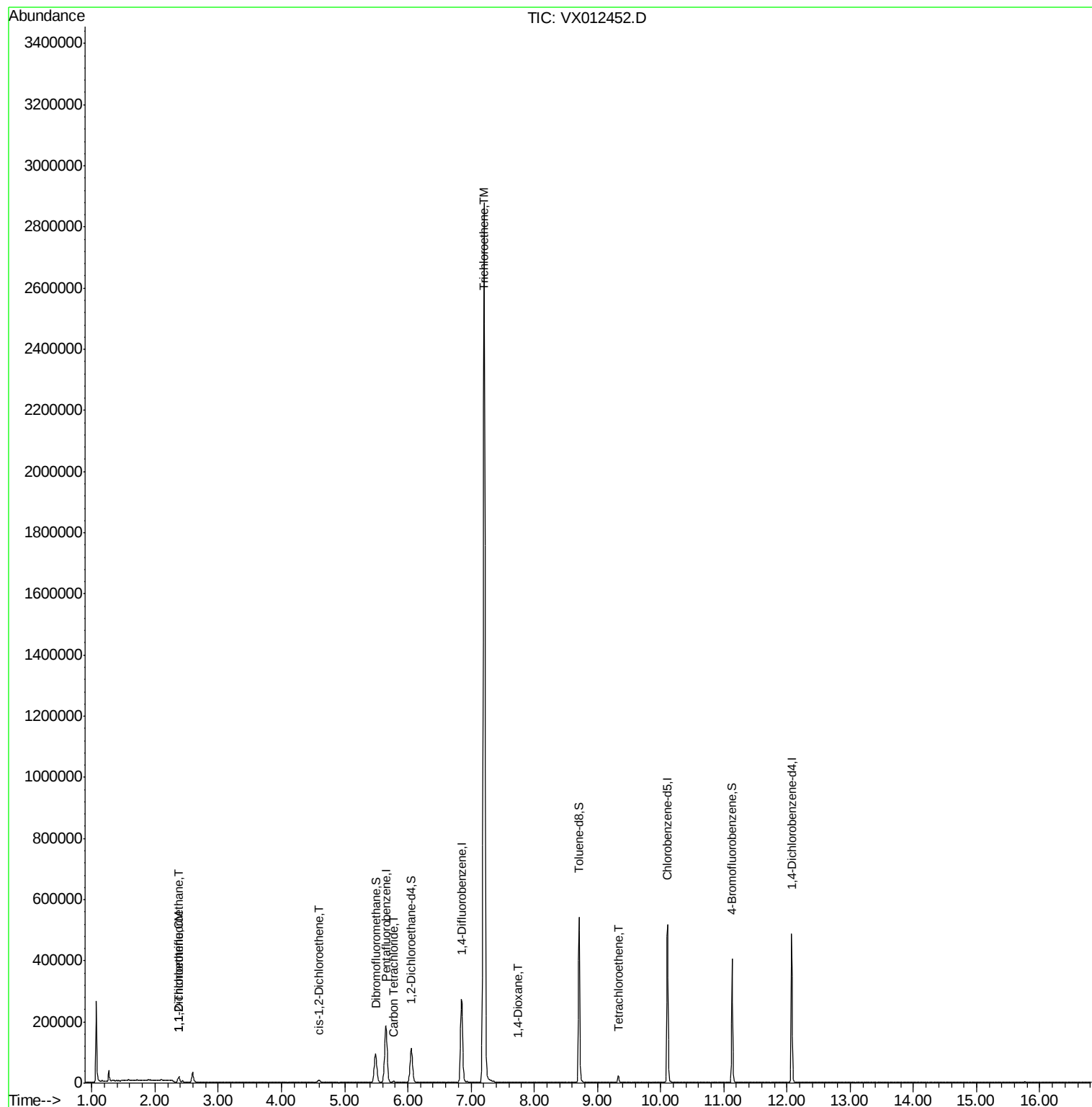
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.38	101	6138	4.780	ug/l	98
12) 1,1-Dichloroethene	2.37	96	1543	1.506	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	4619	2.906	ug/l	88
38) Carbon Tetrachloride	5.77	117	1868	0.944	ug/l #	72
44) Trichloroethene	7.21	130	1087423	817.351	ug/l	96
49) 1,4-Dioxane	7.75	88	1021	20.310	ug/l #	85
64) Tetrachloroethene	9.34	164	4424	4.376	ug/l #	77

(#) = 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: VX012452.D

Acq: 17 Sep 2019 23:24

Instrument :

MSVOA_X

ClientSampleId :

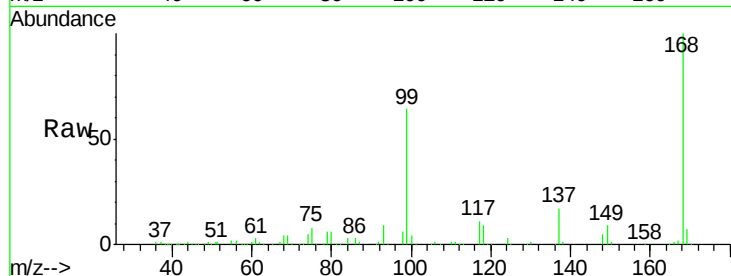
RE122D1-20190909

Tot Ion:168 Resp: 162948

Ion Ratio Lower Upper

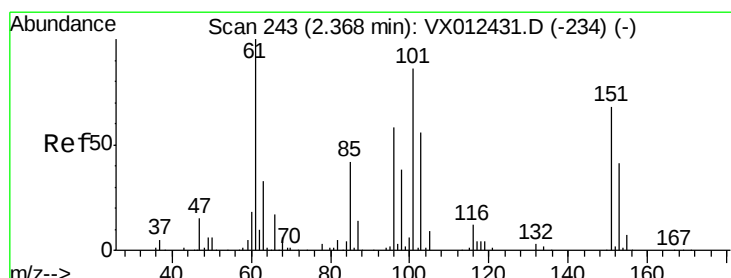
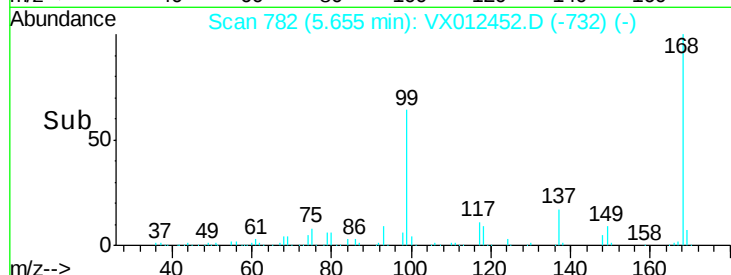
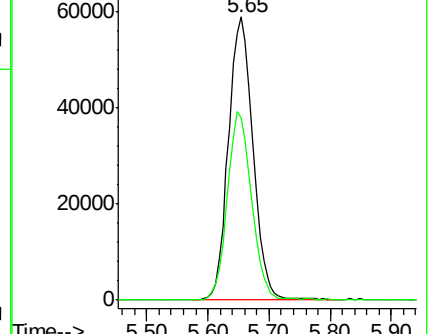
168 100

99 64.4 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: 4.780 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX012452.D

Acq: 17 Sep 2019 23:24

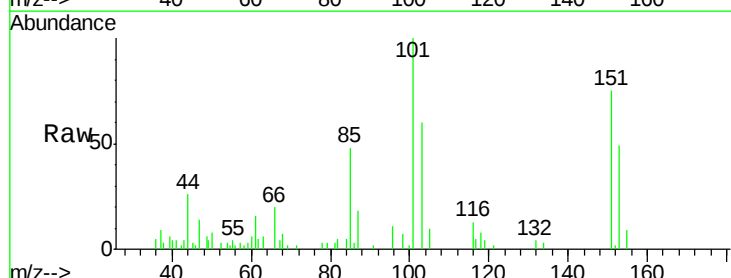
Tgt Ion:101 Resp: 6138

Ion Ratio Lower Upper

101 100

85 48.0 37.3 55.9

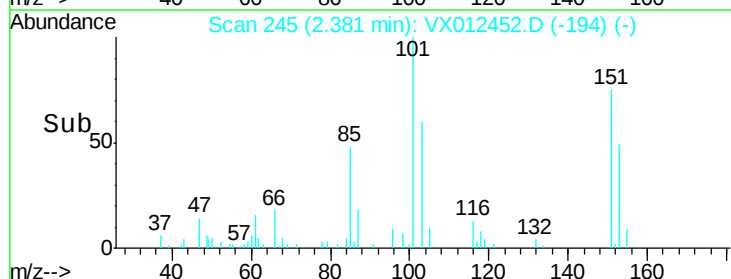
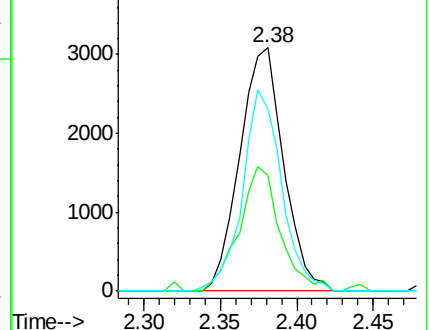
151 74.0 61.0 91.4

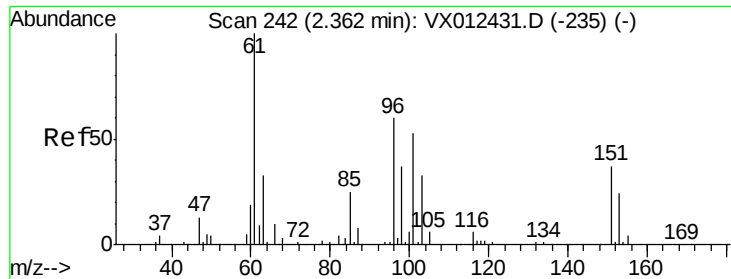


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 1.506 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX012452.D

Acq: 17 Sep 2019 23:24

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-20190909

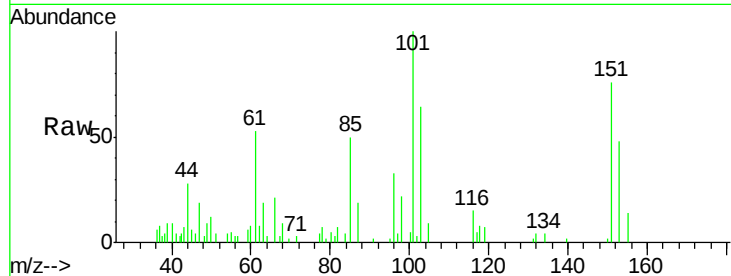
Tot Ion: 96 Resp: 1543

Ion Ratio Lower Upper

96 100

61 161.2 133.8 200.6

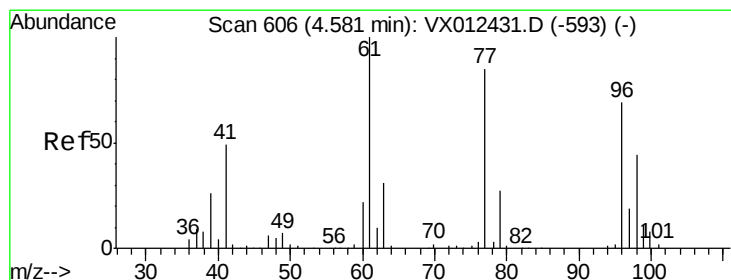
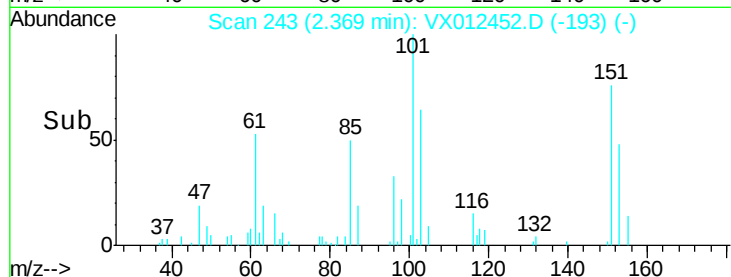
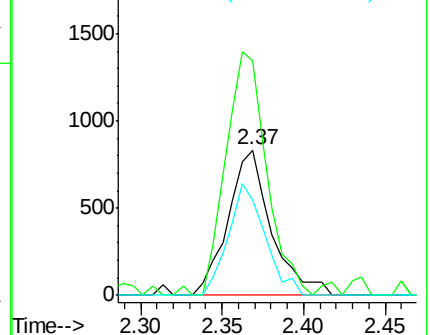
98 65.3 49.9 74.9



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



#27

cis-1,2-Dichloroethene

Concen: 2.906 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX012452.D

Acq: 17 Sep 2019 23:24

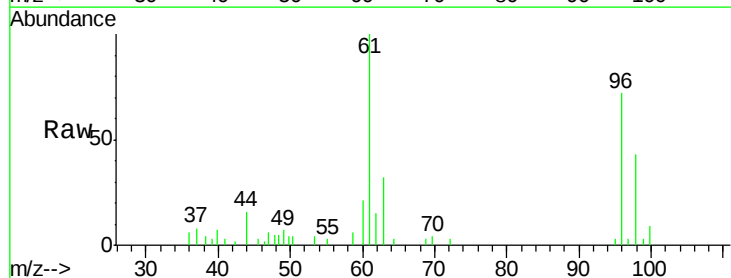
Tgt Ion: 96 Resp: 4619

Ion Ratio Lower Upper

96 100

61 138.9 0.0 319.4

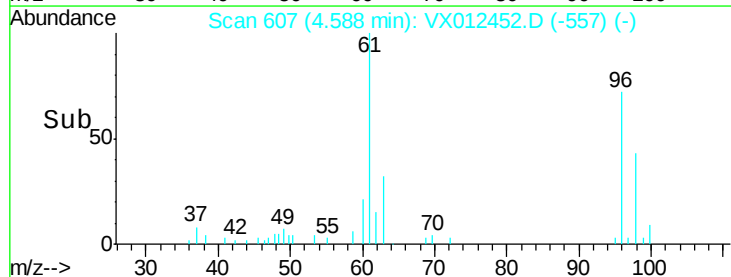
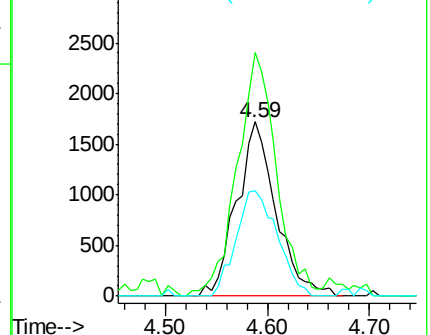
98 62.7 0.0 130.6

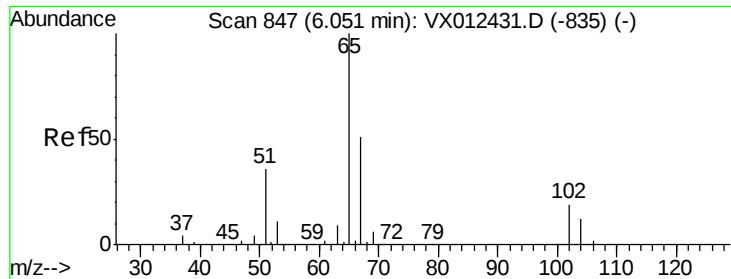


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

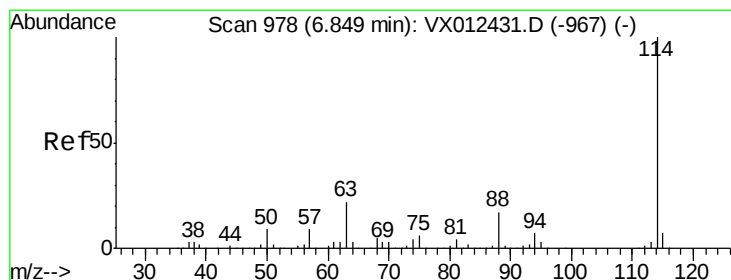
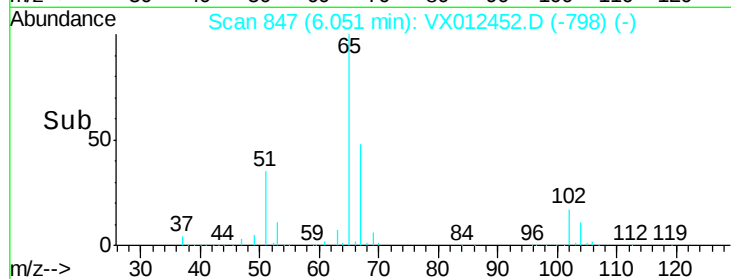
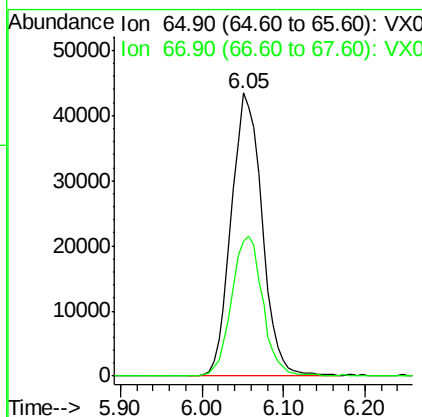
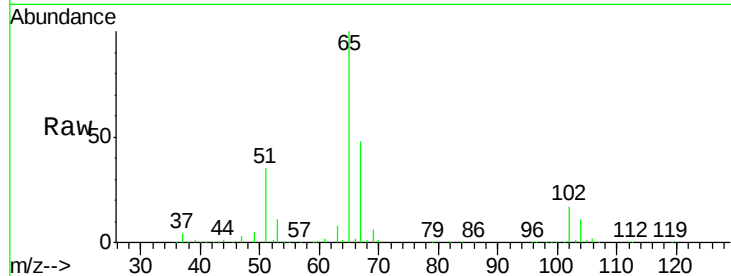




#33
 1,2-Dichloroethane-d4
 Concen: 48.684 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012452.D
 Acq: 17 Sep 2019 23:24

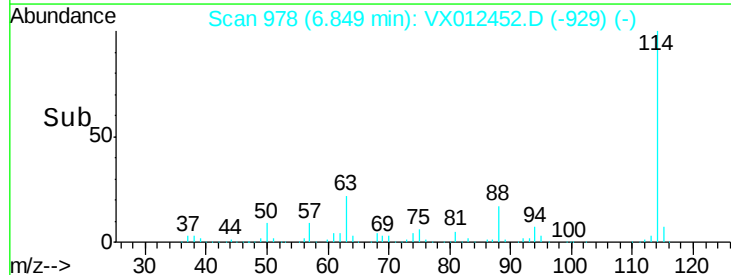
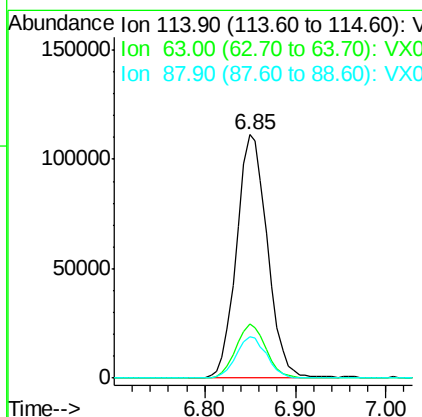
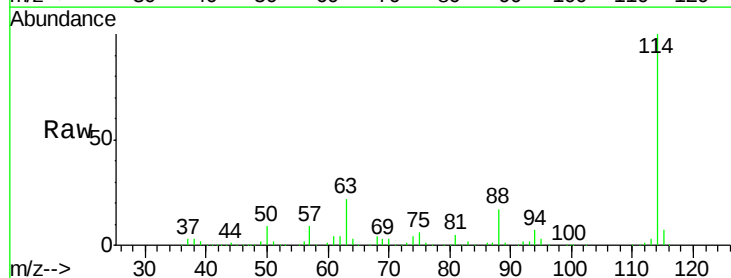
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20190909

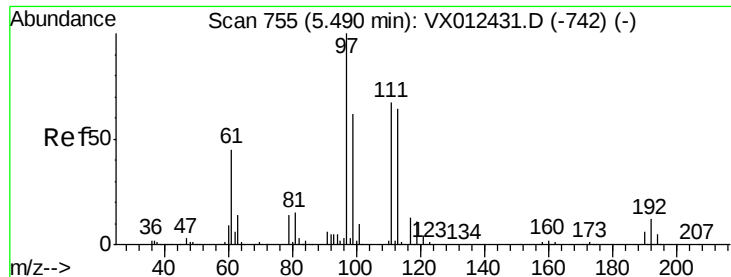
Tot Ion: 65 Resp: 113696
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012452.D
 Acq: 17 Sep 2019 23:24

Tgt Ion: 114 Resp: 261697
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.2
 88 17.2 0.0 33.2

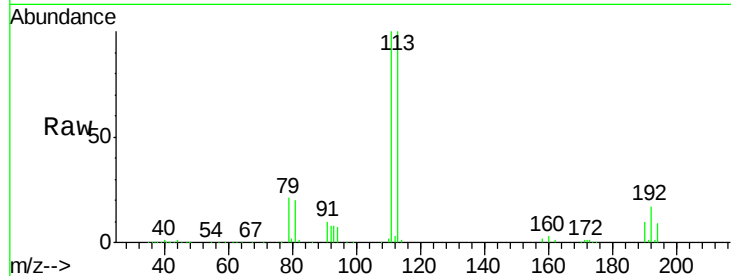




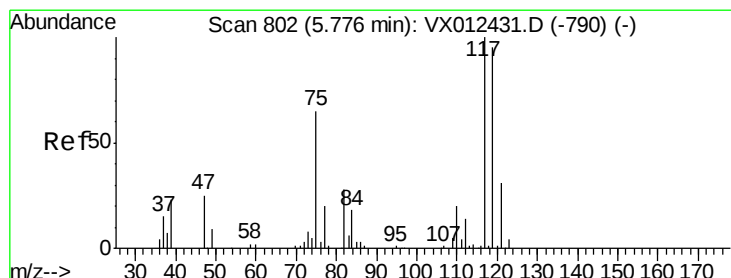
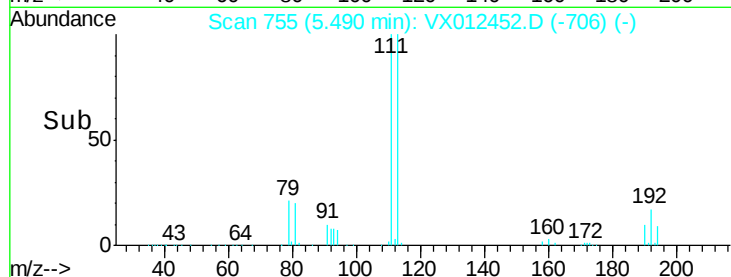
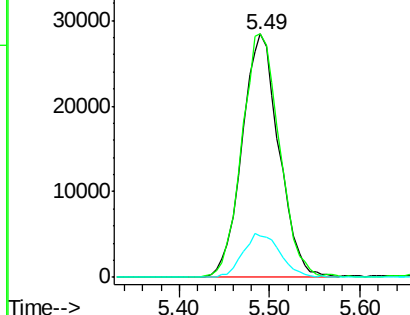
#35
Dibromofluoromethane
Concen: 50.462 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909

Tot Ion:113 Resp: 79929
Ion Ratio Lower Upper
113 100
111 102.3 83.4 125.2
192 18.3 14.4 21.6

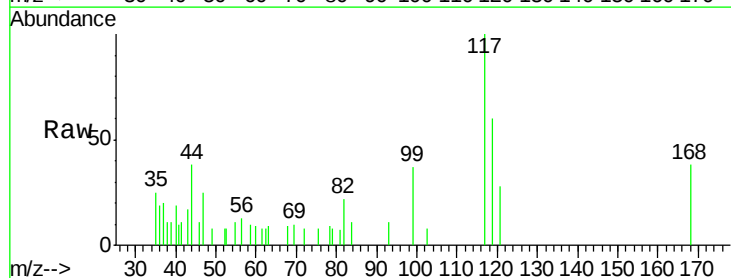


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

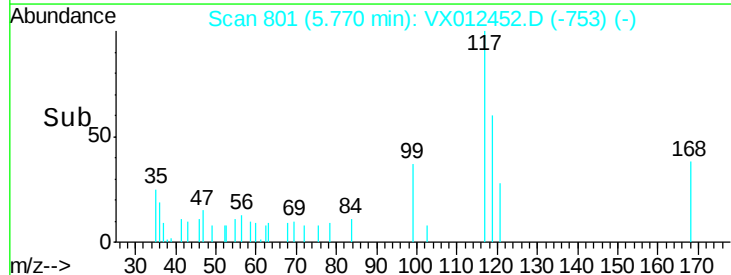
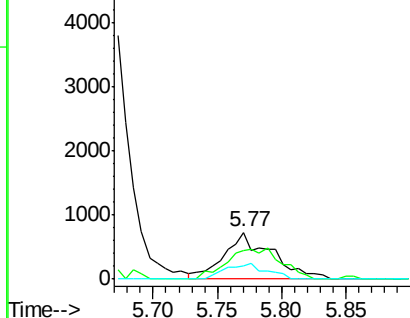


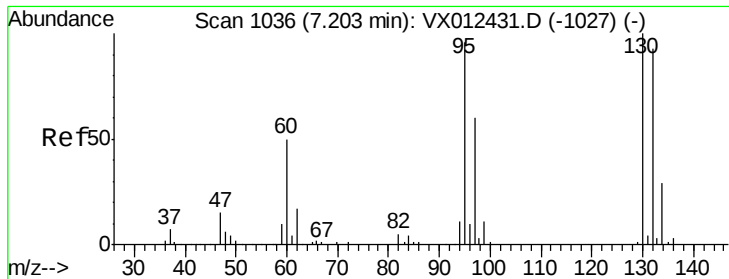
#38
Carbon Tetrachloride
Concen: 0.944 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Tgt Ion:117 Resp: 1868
Ion Ratio Lower Upper
117 100
119 60.4 75.7 113.5#
121 27.7 24.2 36.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

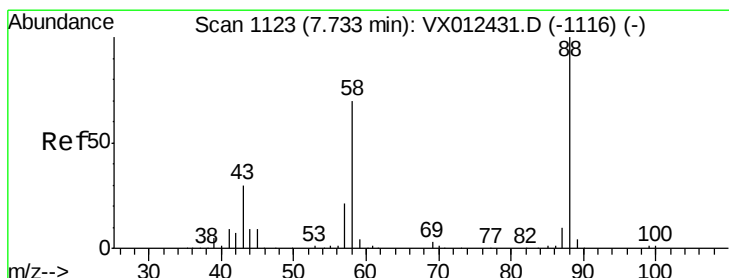
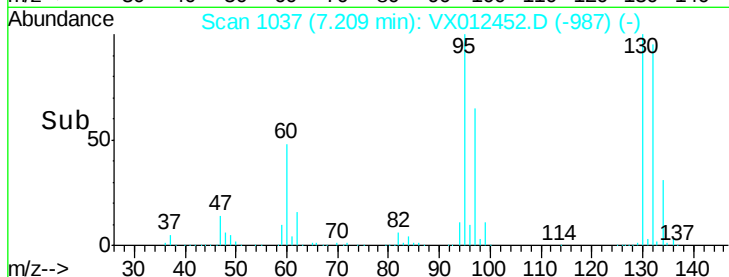
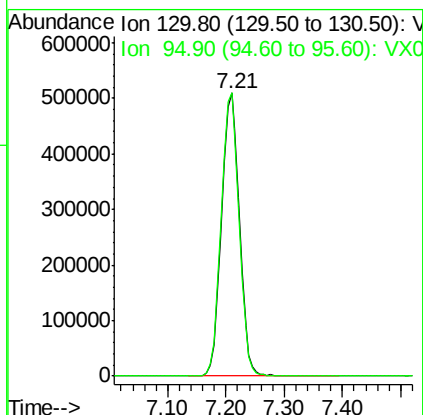
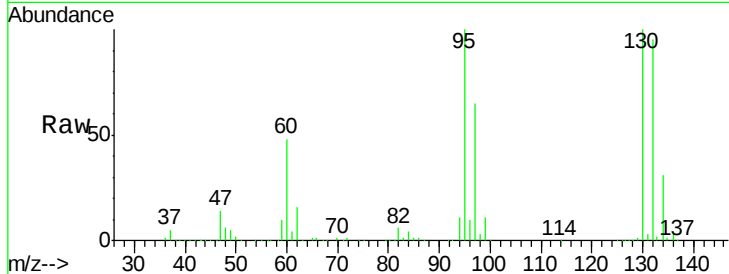




#44
 Trichloroethene
 Concen: 817.351 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX012452.D
 Acq: 17 Sep 2019 23:24

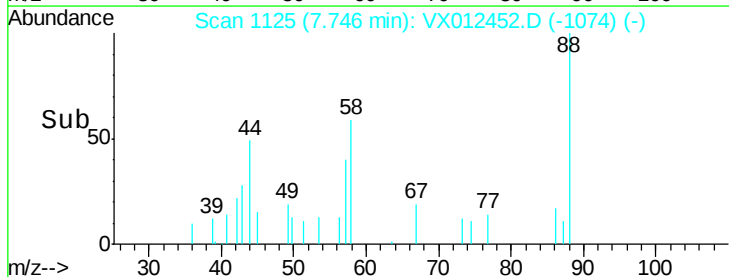
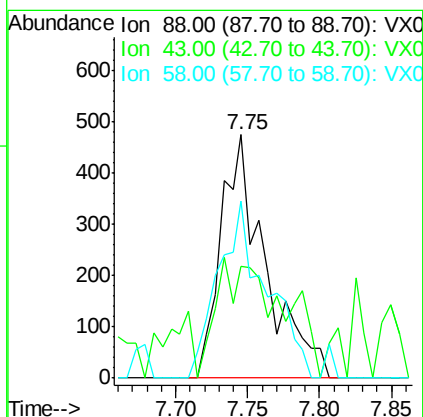
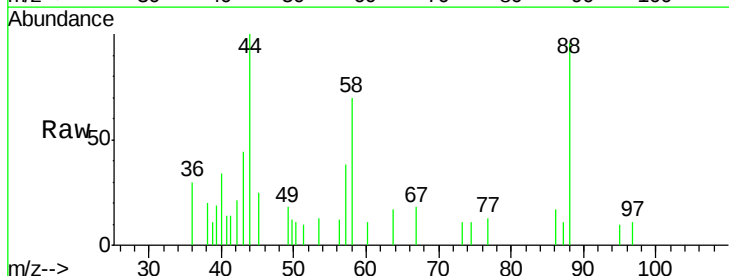
Instrument :
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 ClientSampleId :
 RE122D1-20190909

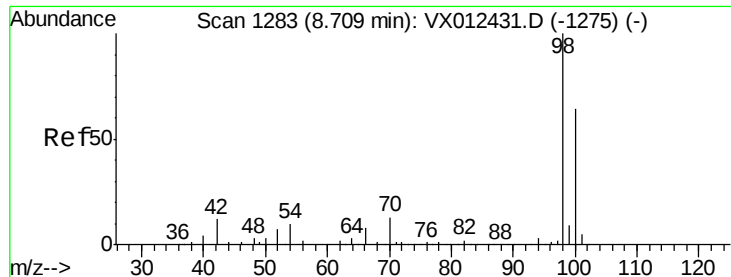
Tot Ion:130 Resp: 1087423
 Ion Ratio Lower Upper
 130 100
 95 100.0 0.0 193.0



#49
 1,4-Dioxane
 Concen: 20.310 ug/l
 RT: 7.75 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: VX012452.D
 Acq: 17 Sep 2019 23:24

Tgt Ion: 88 Resp: 1021
 Ion Ratio Lower Upper
 88 100
 43 21.1 29.4 44.0#
 58 79.1 57.5 86.3





#50

Toluene-d8

Concen: 51.845 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012452.D

Acq: 17 Sep 2019 23:24

Instrument :

MSVOA_X

ClientSampleId :

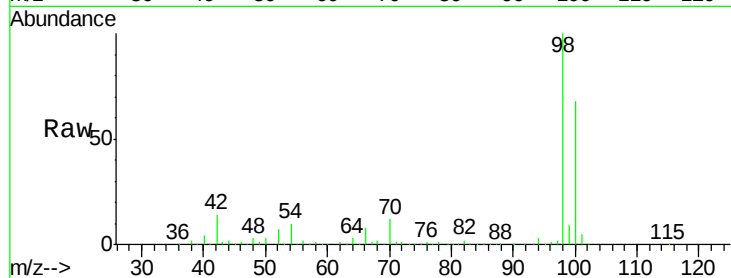
RE122D1-20190909

Tot Ion: 98 Resp: 303958

Ion Ratio Lower Upper

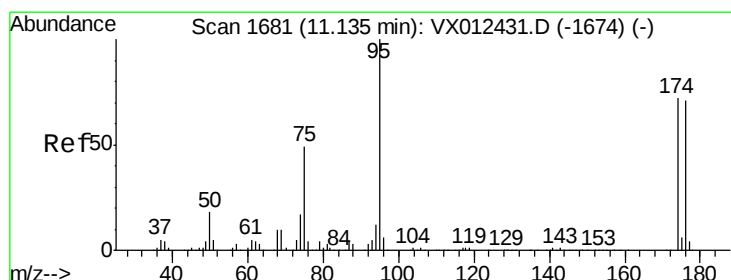
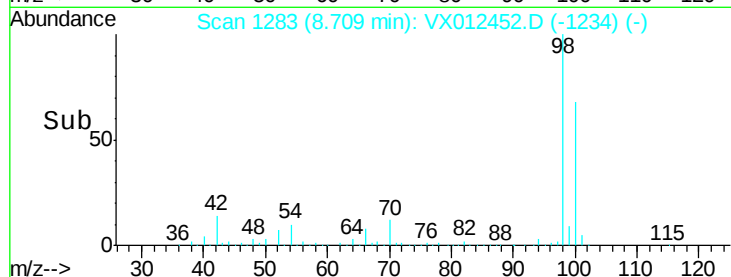
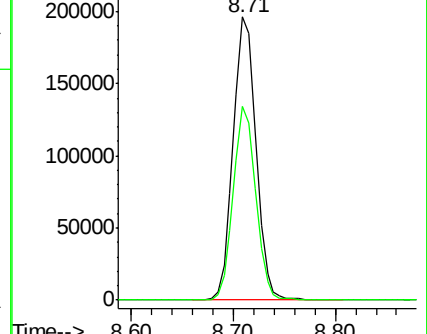
98 100

100 67.4 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 45.697 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012452.D

Acq: 17 Sep 2019 23:24

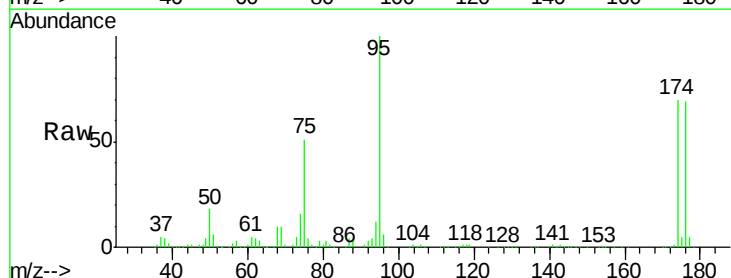
Tgt Ion: 95 Resp: 111241

Ion Ratio Lower Upper

95 100

174 69.9 0.0 140.0

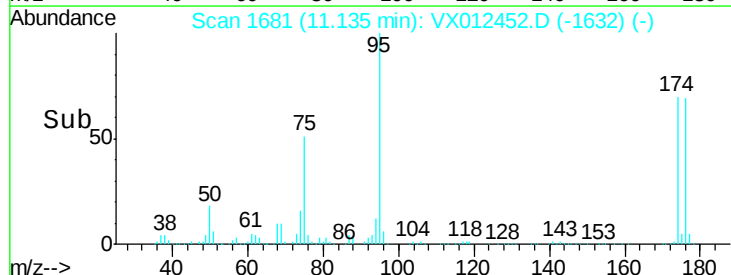
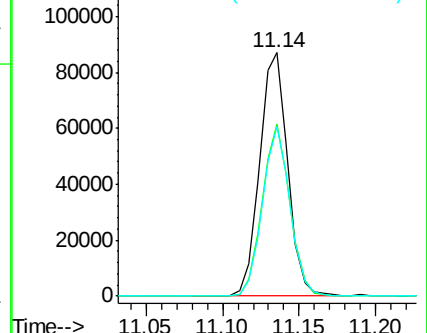
176 68.2 0.0 135.4

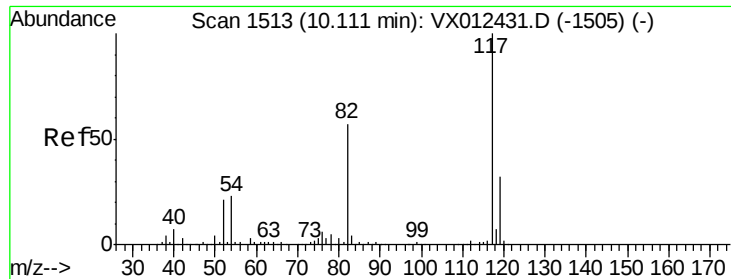


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

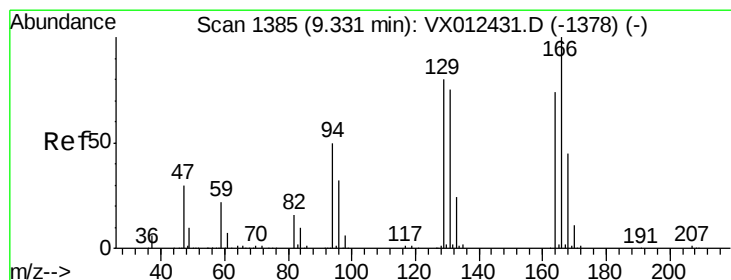
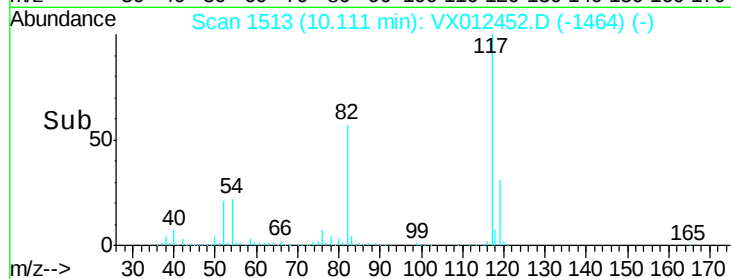
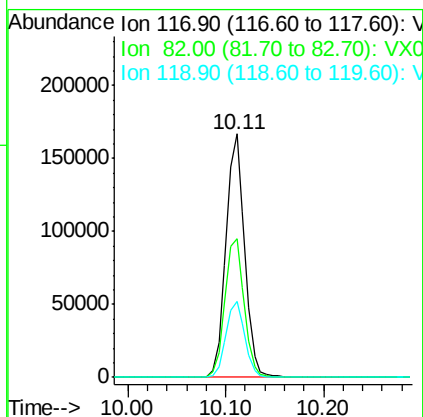
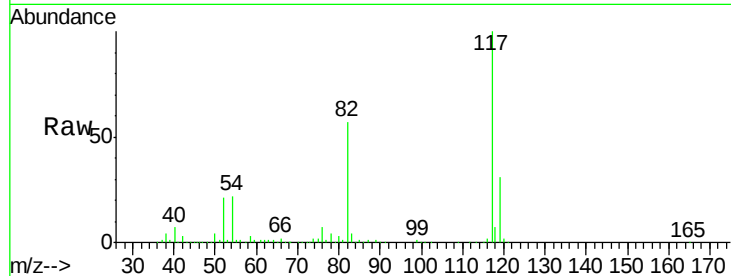




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

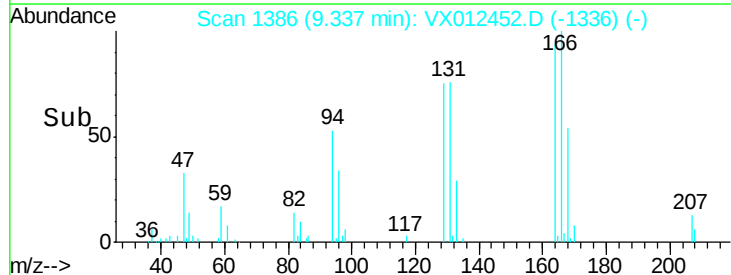
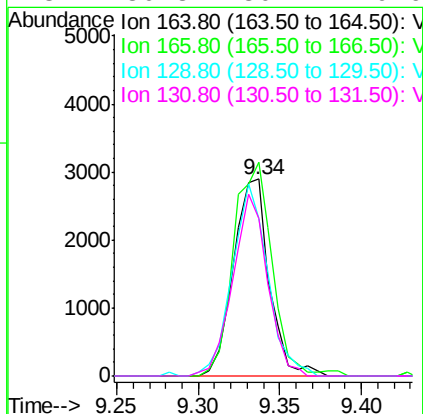
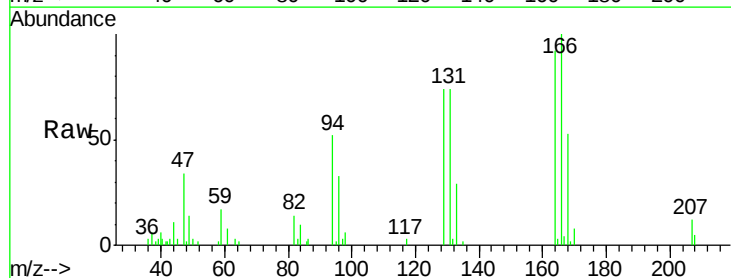
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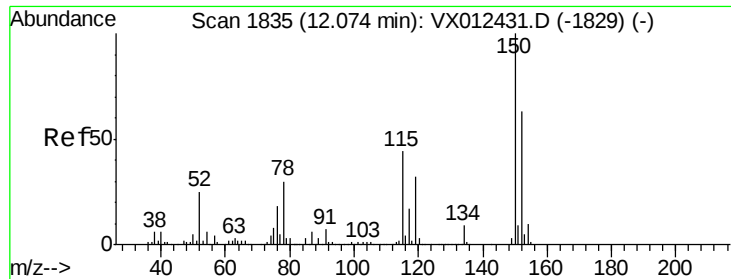
Tot Ion:117 Resp: 220631
Ion Ratio Lower Upper
117 100
82 57.1 45.9 68.9
119 31.4 25.3 37.9



#64
Tetrachloroethene
Concen: 4.376 ug/l
RT: 9.34 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Tgt Ion:164 Resp: 4424
Ion Ratio Lower Upper
164 100
166 108.5 107.8 161.6
129 80.0 86.2 129.2#
131 80.3 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: VX012452.D

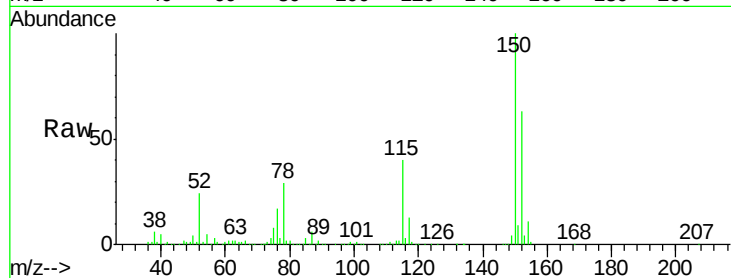
Acq: 17 Sep 2019 23:24

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-20190909



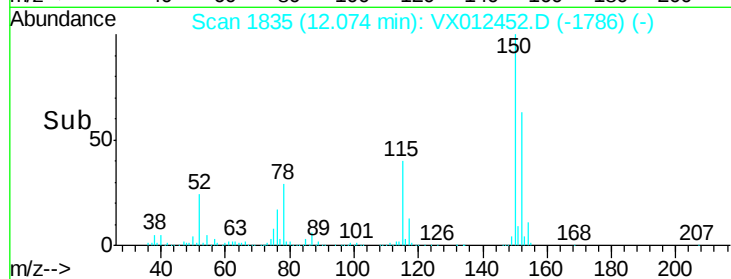
Tot Ion:152 Resp: 92236

Ion Ratio Lower Upper

152 100

115 63.2 44.1 132.3

150 156.1 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

