

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012502.D
 Acq On : 19 Sep 2019 03:04
 Operator : JC/SP
 Sample : K4858-24
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D3-20190911

Quant Time: Sep 19 08:56:06 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

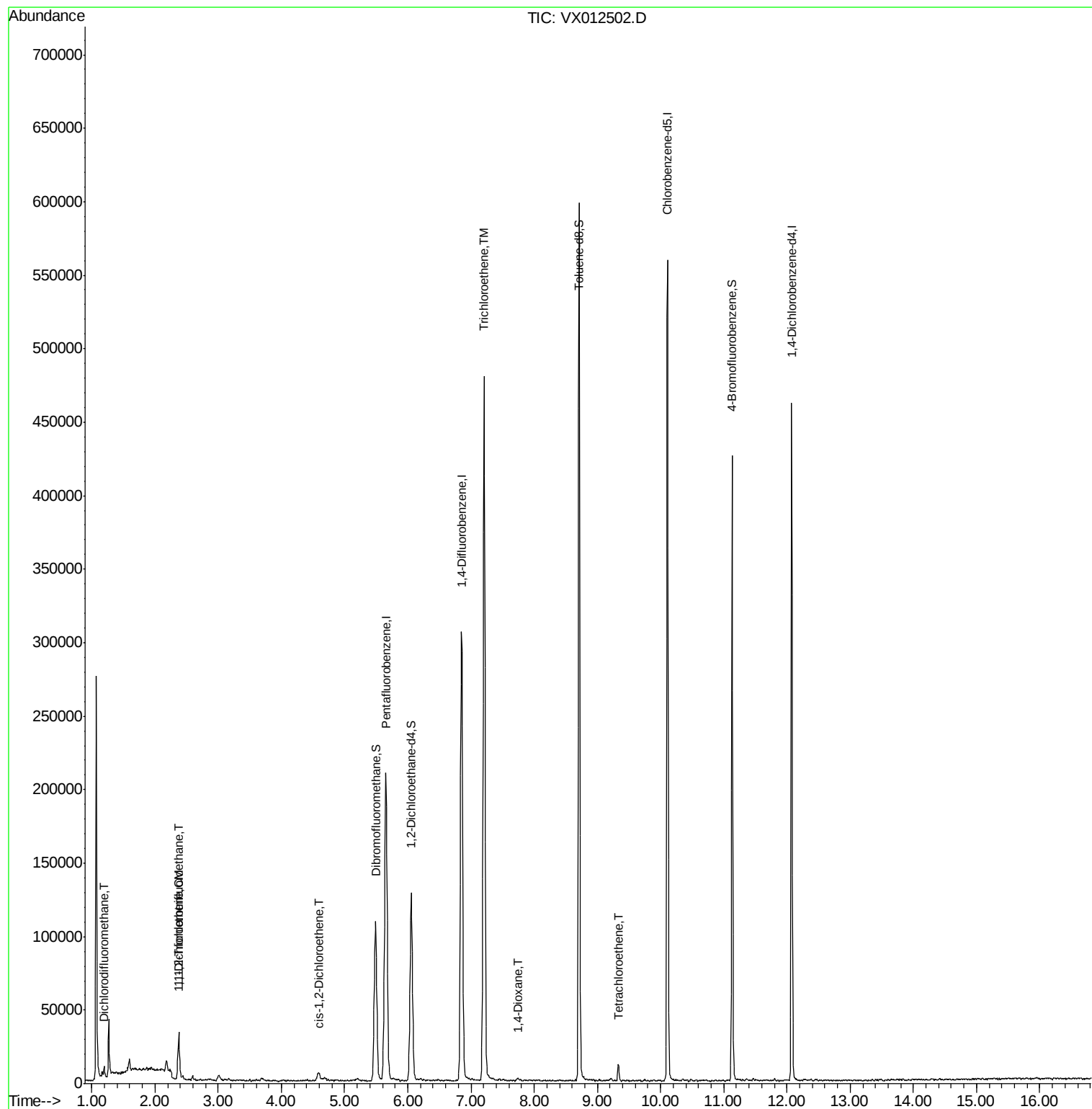
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	186240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	296593	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	245113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	89298	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	124111	46.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.00%	
35) Dibromofluoromethane	5.49	113	90052	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
50) Toluene-d8	8.71	98	340425	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
62) 4-Bromofluorobenzene	11.14	95	115497	41.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.72%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	2224	2.167	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.37	101	11214	7.640	ug/l	96
12) 1,1-Dichloroethene	2.36	96	1615	1.379	ug/l #	75
27) cis-1,2-Dichloroethene	4.59	96	3352	1.845	ug/l	91
44) Trichloroethene	7.21	130	182064	120.746	ug/l	97
49) 1,4-Dioxane	7.75	88	1355	23.782	ug/l #	82
64) Tetrachloroethene	9.34	164	2243	1.997	ug/l #	81

(#) = 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# 781

Delta R.T. 0.00 min

Lab File: VX012502.D

Acq: 19 Sep 2019 03:04

Instrument :

MSVOA_X

ClientSampleId :

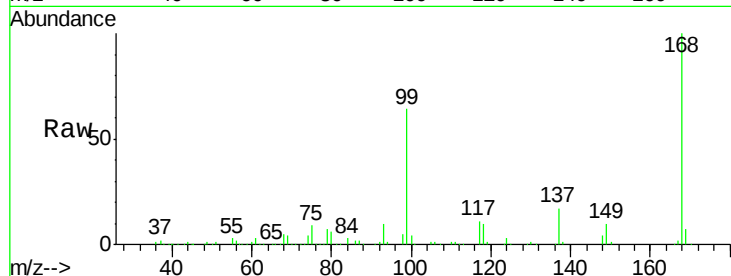
RE132D3-20190911

Tot Ion:168 Resp: 186240

Ion Ratio Lower Upper

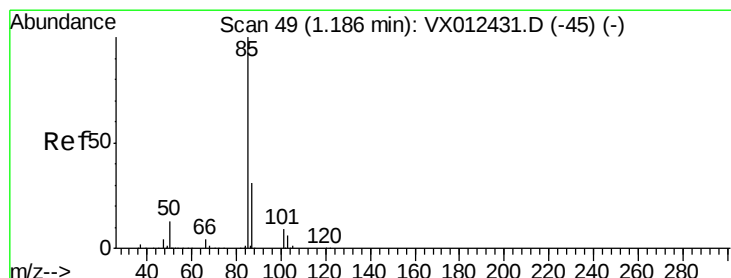
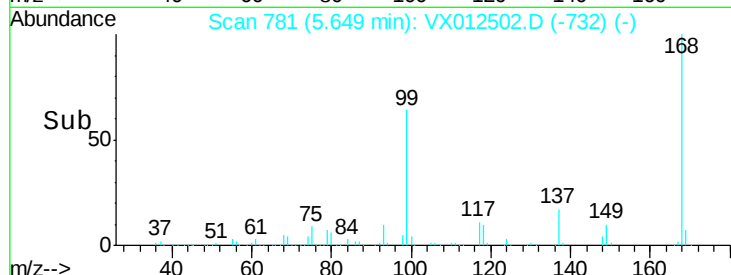
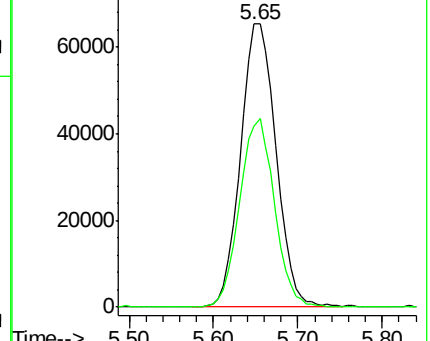
168 100

99 63.9 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 2.167 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX012502.D

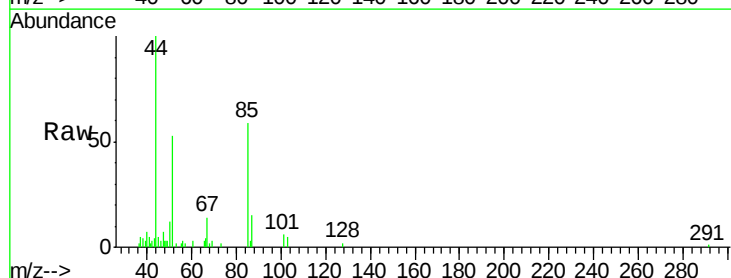
Acq: 19 Sep 2019 03:04

Tgt Ion: 85 Resp: 2224

Ion Ratio Lower Upper

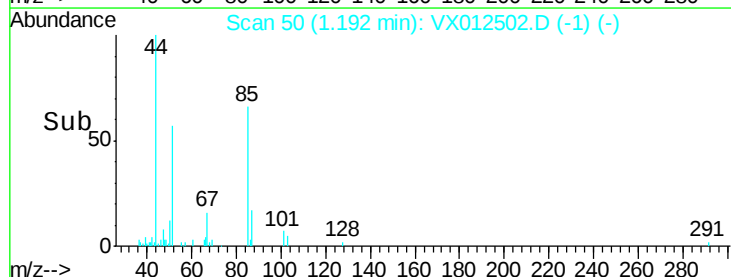
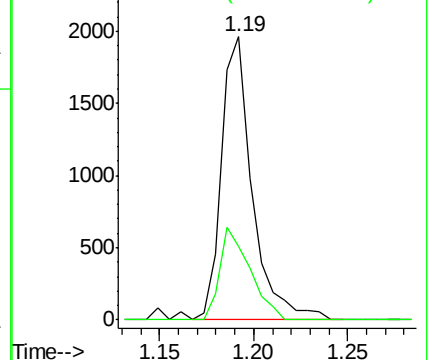
85 100

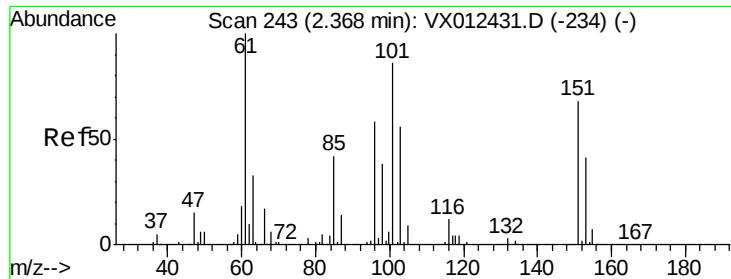
87 26.2 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 7.640 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012502.D

Acq: 19 Sep 2019 03:04

Instrument :

MSVOA_X

ClientSampleId :

RE132D3-20190911

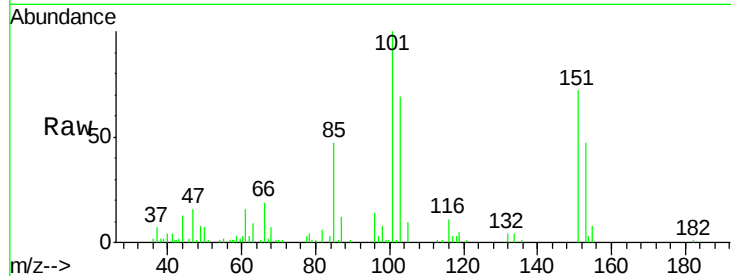
Tot Ion:101 Resp: 11214

Ion Ratio Lower Upper

101 100

85 47.3 37.3 55.9

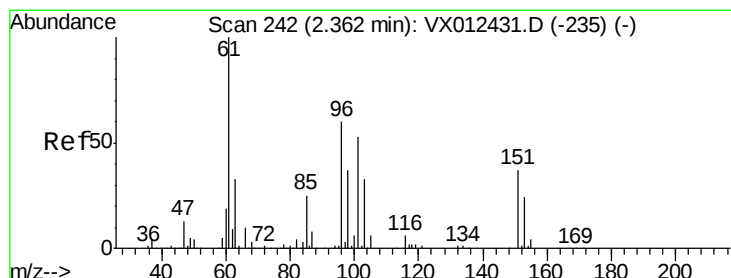
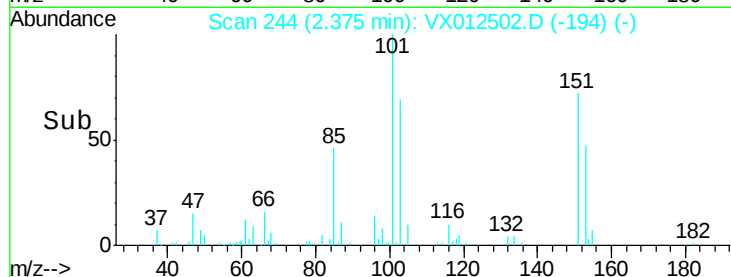
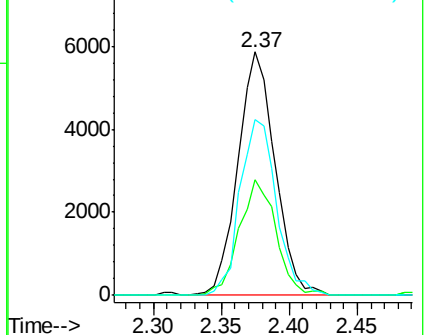
151 71.1 61.0 91.4



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: 1.379 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX012502.D

Acq: 19 Sep 2019 03:04

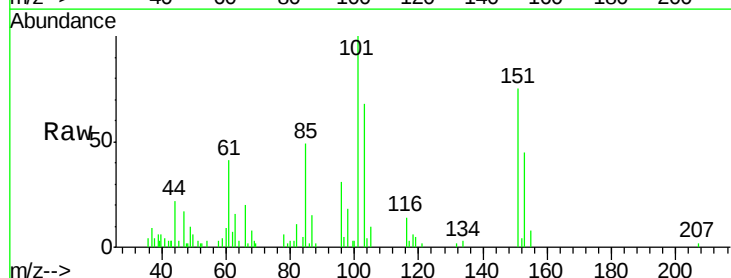
Tgt Ion: 96 Resp: 1615

Ion Ratio Lower Upper

96 100

61 125.2 133.8 200.6#

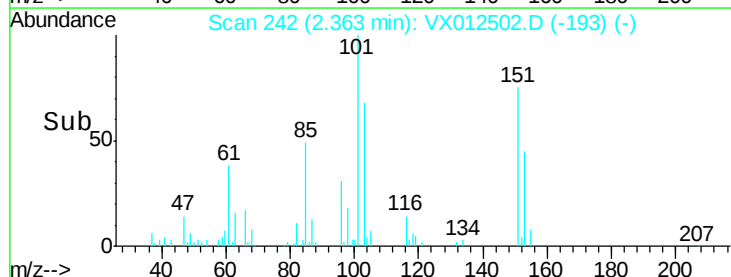
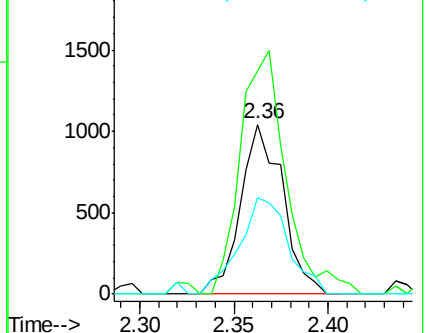
98 56.8 49.9 74.9

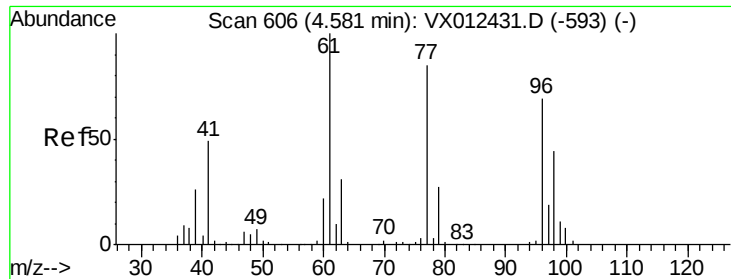


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

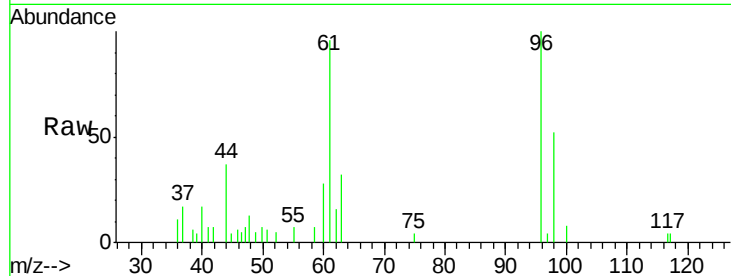




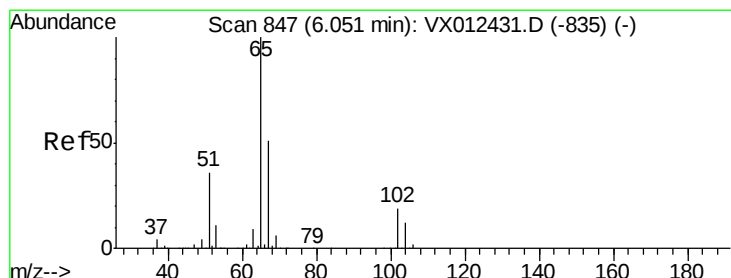
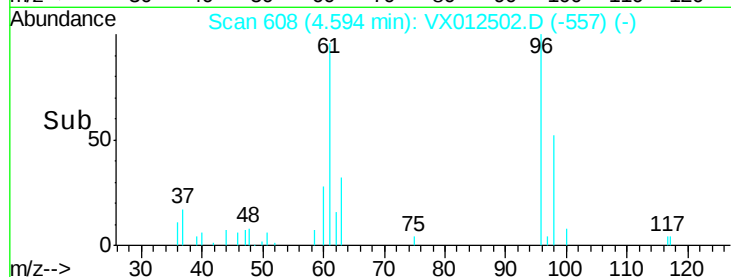
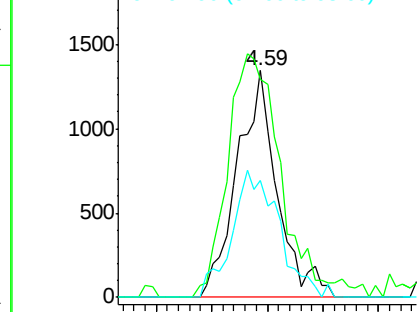
#27
 cis-1,2-Dichloroethene
 Concen: 1.845 ug/l
 RT: 4.59 min Scan# 608
 Delta R.T. 0.01 min
 Lab File: VX012502.D
 Acq: 19 Sep 2019 03:04

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D3-20190911

Tot Ion: 96 Resp: 3352
 Ion Ratio Lower Upper
 96 100
 61 144.0 0.0 319.4
 98 65.5 0.0 130.6

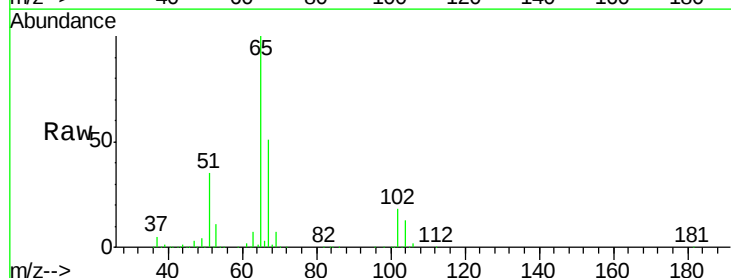


Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0

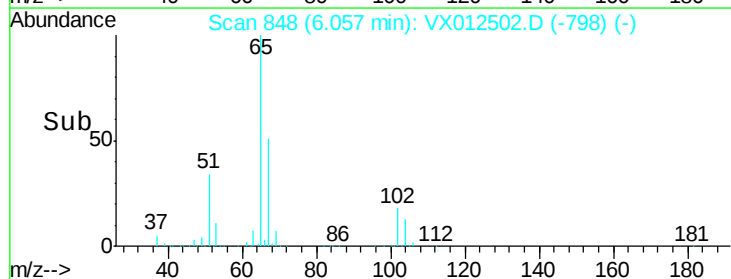
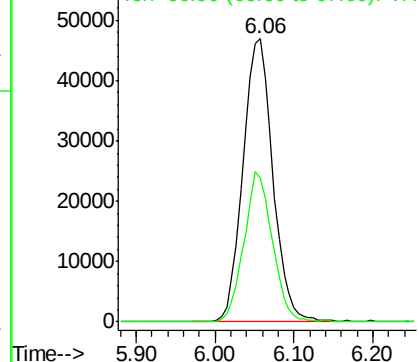


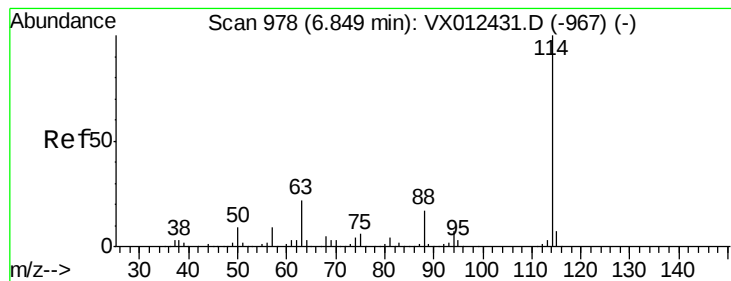
#33
 1,2-Dichloroethane-d4
 Concen: 46.498 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX012502.D
 Acq: 19 Sep 2019 03:04

Tgt Ion: 65 Resp: 124111
 Ion Ratio Lower Upper
 65 100
 67 50.6 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: VX012502.D

Acq: 19 Sep 2019 03:04

Instrument :

MSVOA_X

ClientSampleId :

RE132D3-20190911

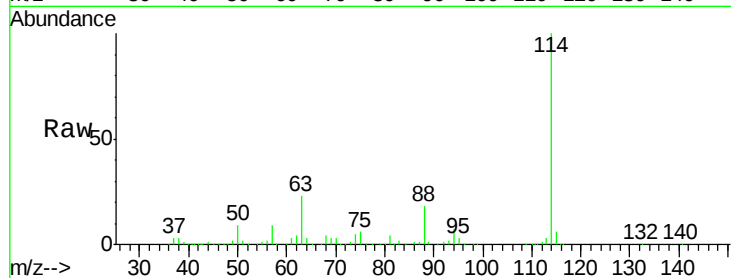
Tot Ion:114 Resp: 296593

Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.2

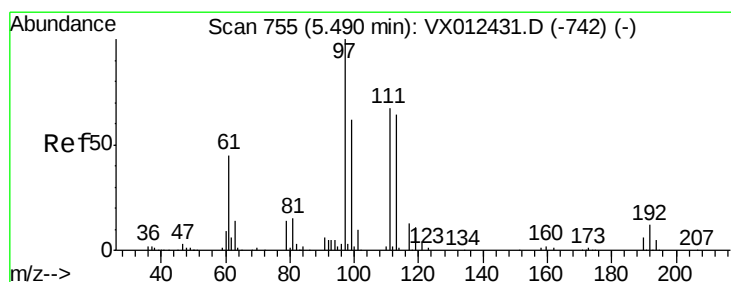
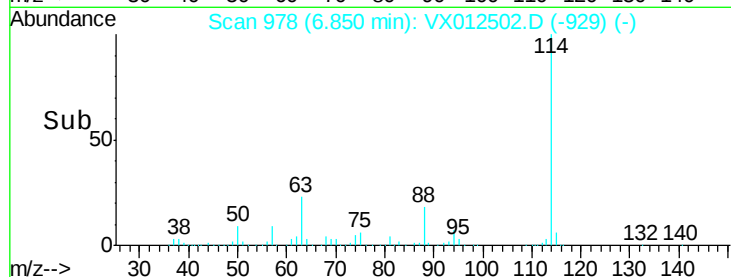
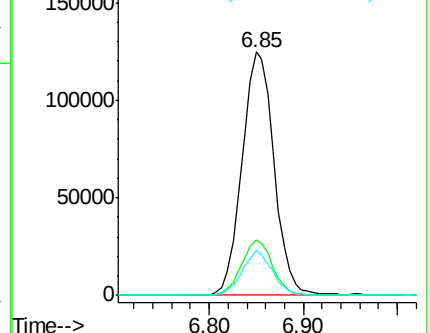
88 18.4 0.0 33.2



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: 50.164 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012502.D

Acq: 19 Sep 2019 03:04

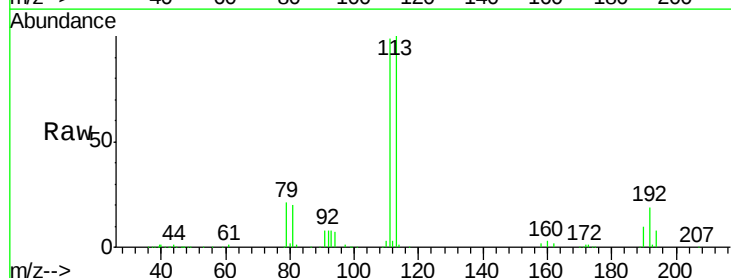
Tgt Ion:113 Resp: 90052

Ion Ratio Lower Upper

113 100

111 103.2 83.4 125.2

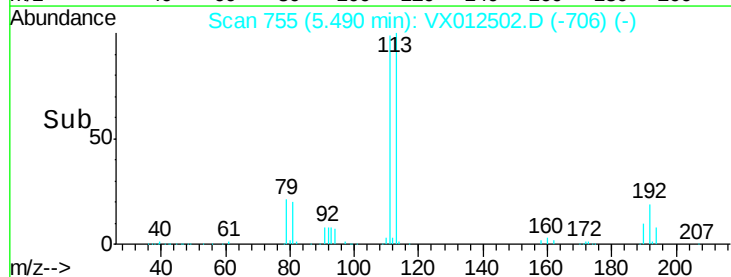
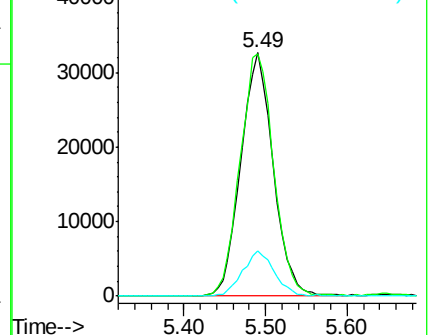
192 18.1 14.4 21.6

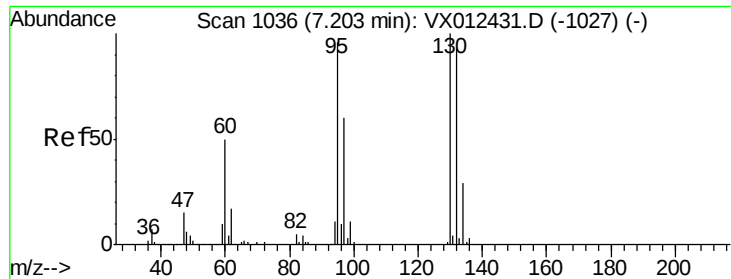


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 120.746 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012502.D

Acq: 19 Sep 2019 03:04

Instrument :

MSVOA_X

ClientSampleId :

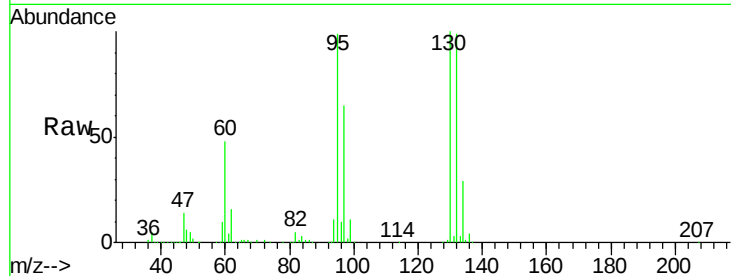
RE132D3-20190911

Tot Ion:130 Resp: 182064

Ion Ratio Lower Upper

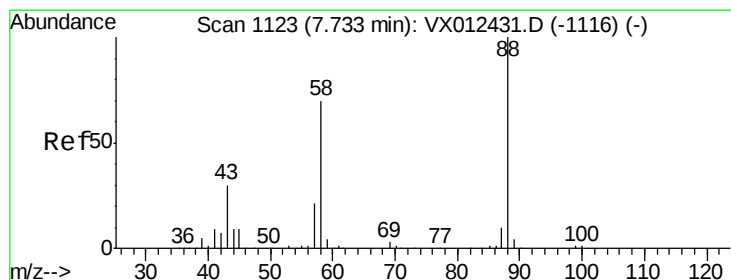
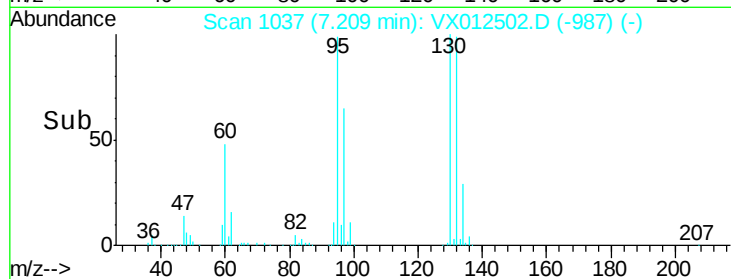
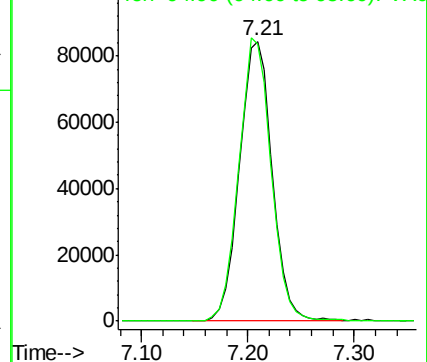
130 100

95 99.1 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: 23.782 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. 0.01 min

Lab File: VX012502.D

Acq: 19 Sep 2019 03:04

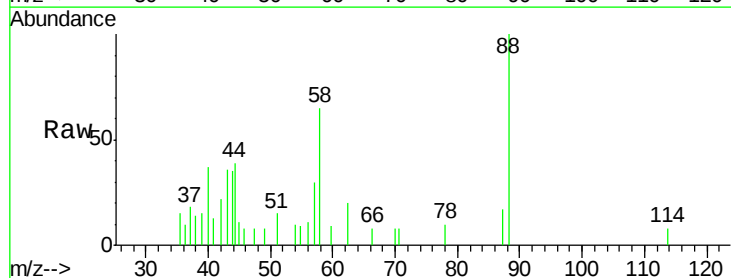
Tgt Ion: 88 Resp: 1355

Ion Ratio Lower Upper

88 100

43 47.3 29.4 44.0#

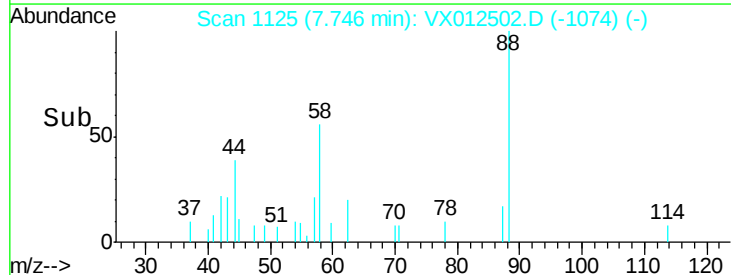
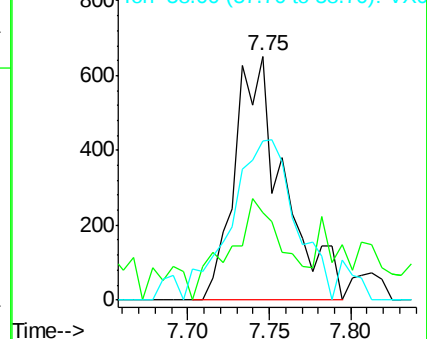
58 86.8 57.5 86.3#

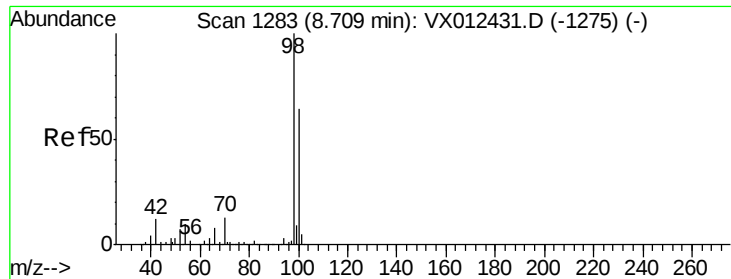


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

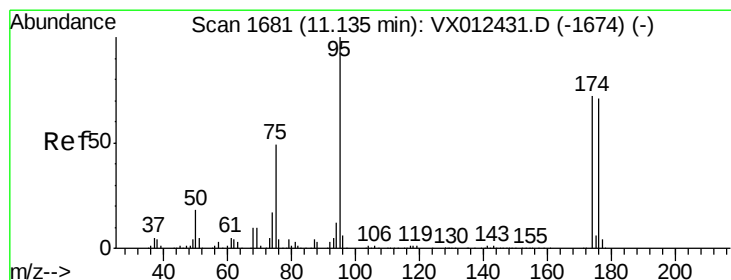
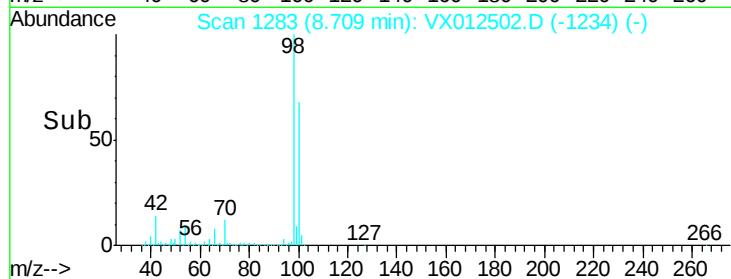
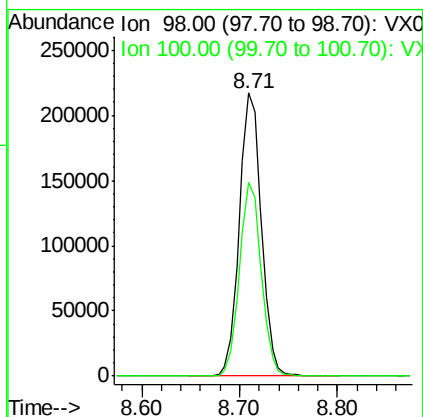
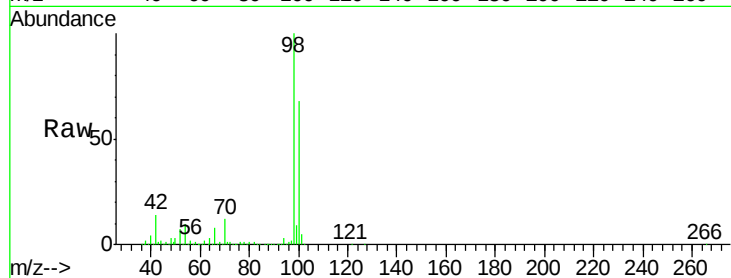




#50
Toluene-d8
Concen: 51.233 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

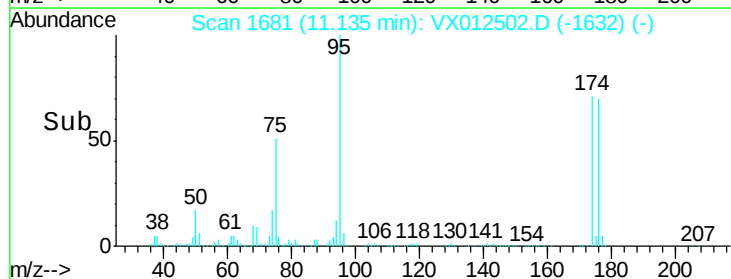
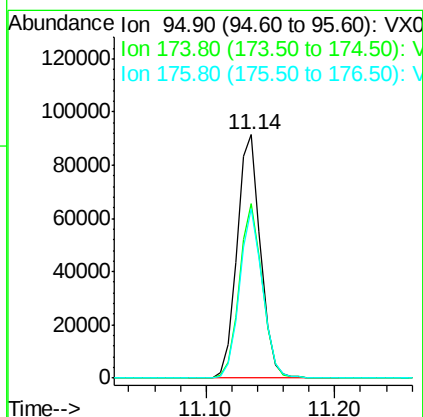
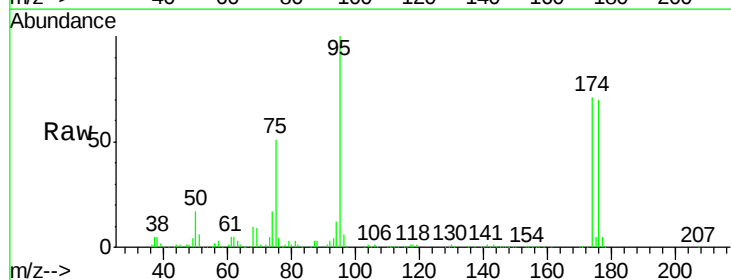
Instrument :
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RE132D3-20190911

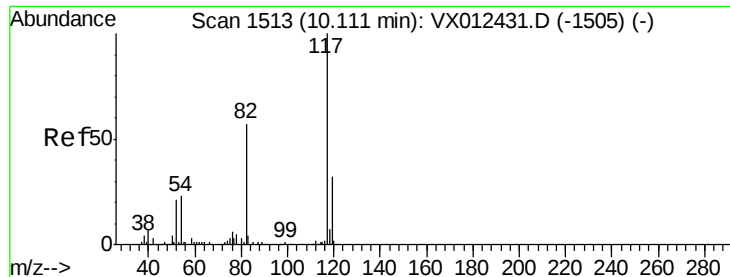
Tot Ion: 98 Resp: 340425
Ion Ratio Lower Upper
98 100
100 67.5 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 41.863 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

Tgt Ion: 95 Resp: 115497
Ion Ratio Lower Upper
95 100
174 70.0 0.0 140.0
176 67.9 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: VX012502.D

Acq: 19 Sep 2019 03:04

Instrument :

MSVOA_X

ClientSampleId :

RE132D3-20190911

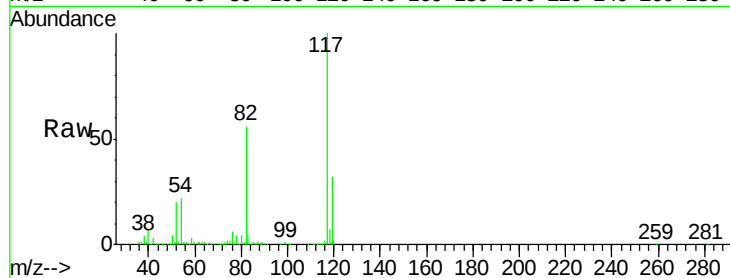
Tot Ion:117 Resp: 245113

Ion Ratio Lower Upper

117 100

82 55.8 45.9 68.9

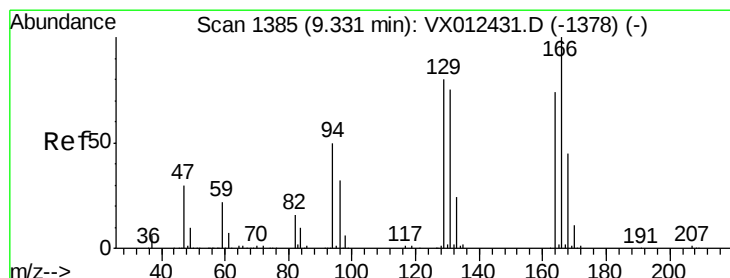
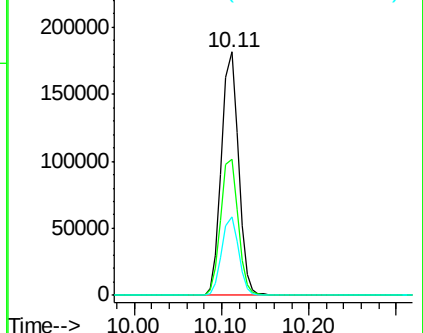
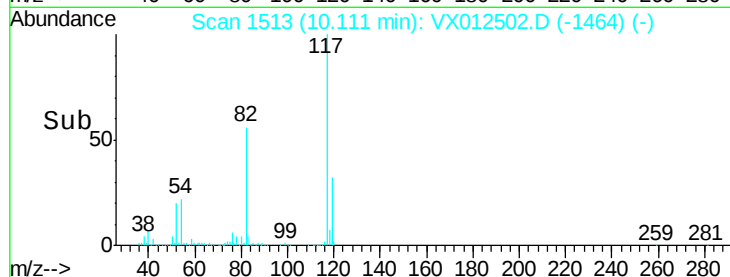
119 32.3 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 1.997 ug/l

RT: 9.34 min Scan# 1386

Delta R.T. 0.01 min

Lab File: VX012502.D

Acq: 19 Sep 2019 03:04

Tgt Ion:164 Resp: 2243

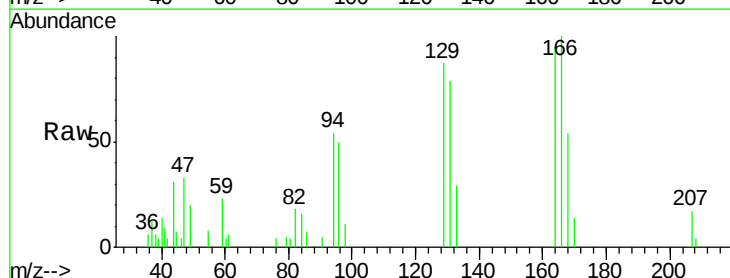
Ion Ratio Lower Upper

164 100

166 105.4 107.8 161.6#

129 91.5 86.2 129.2

131 83.7 80.4 120.6

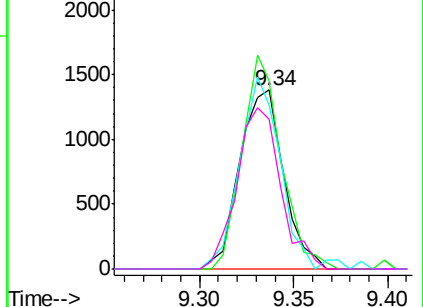
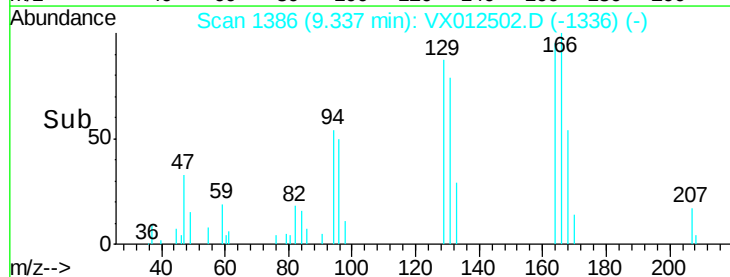


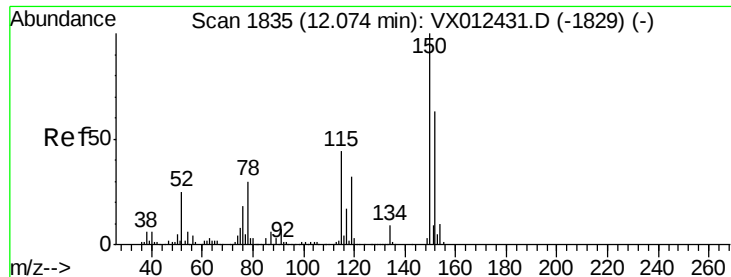
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012502.D

Acq: 19 Sep 2019 03:04

Instrument :

MSVOA_X

ClientSampleId :

RE132D3-20190911

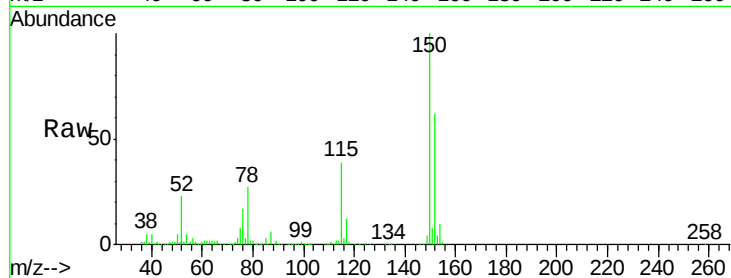
Tot Ion:152 Resp: 89298

Ion Ratio Lower Upper

152 100

115 62.1 44.1 132.3

150 157.1 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

