

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091719\
 Data File : VX012446.D
 Acq On : 17 Sep 2019 21:03
 Operator : JC/SP
 Sample : K4858-21
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20190910

Quant Time: Sep 18 04:16:43 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

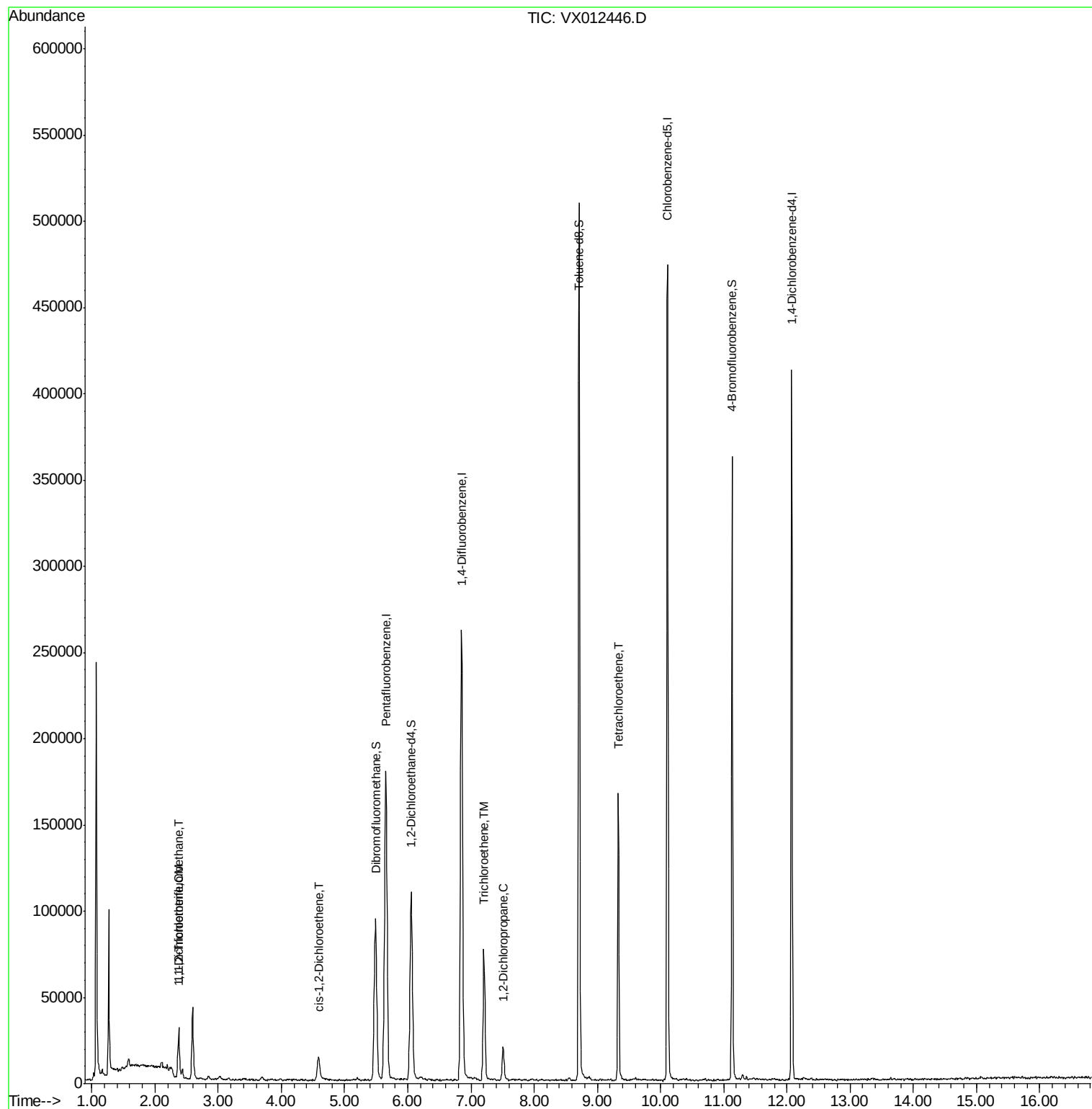
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	157143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	251892	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	203866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	78457	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	108500	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
35) Dibromofluoromethane	5.49	113	78026	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	
50) Toluene-d8	8.71	98	288654	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
62) 4-Bromofluorobenzene	11.14	95	99002	42.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.50%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	10213	8.246	ug/l	97
12) 1,1-Dichloroethene	2.36	96	1236	1.251	ug/l #	88
27) cis-1,2-Dichloroethene	4.59	96	8288	5.408	ug/l	85
44) Trichloroethene	7.20	130	28165	21.994	ug/l	93
45) 1,2-Dichloropropane	7.51	63	6874	4.596	ug/l	94
64) Tetrachloroethene	9.33	164	29655	31.744	ug/l	90

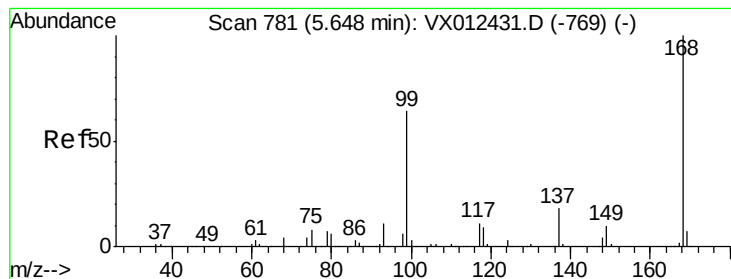
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012446.D

Acq: 17 Sep 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

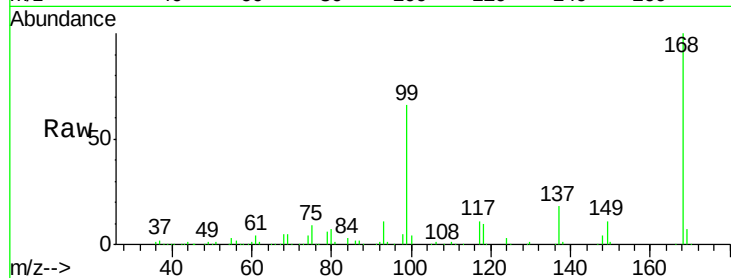
RE135D3-20190910

Tot Ion:168 Resp: 157143

Ion Ratio Lower Upper

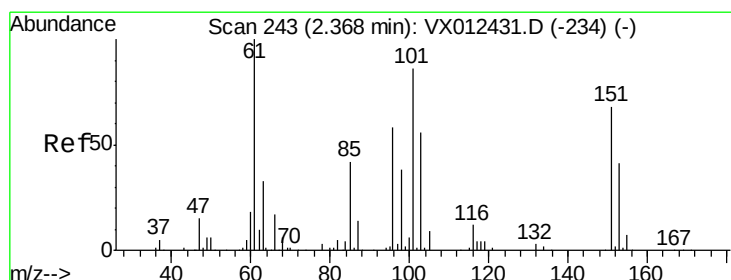
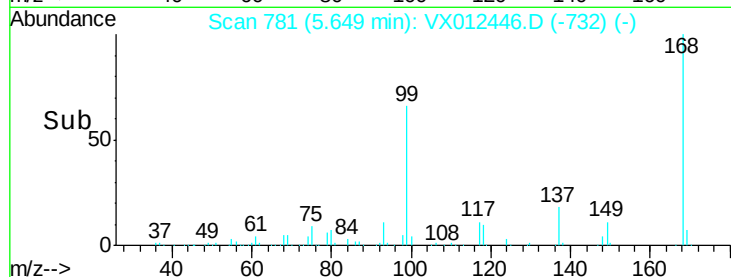
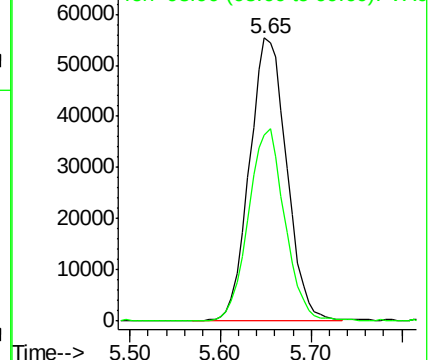
168 100

99 65.7 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: 8.246 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012446.D

Acq: 17 Sep 2019 21:03

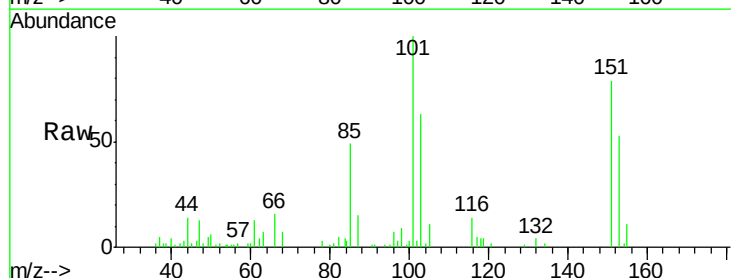
Tgt Ion:101 Resp: 10213

Ion Ratio Lower Upper

101 100

85 45.7 37.3 55.9

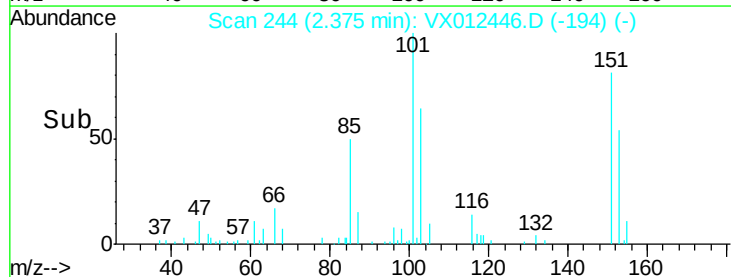
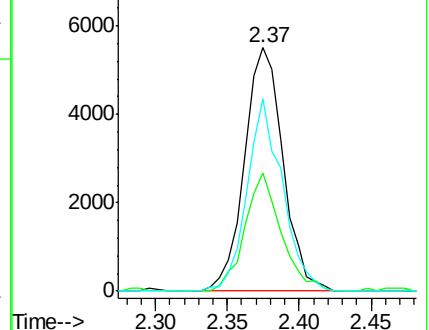
151 72.3 61.0 91.4

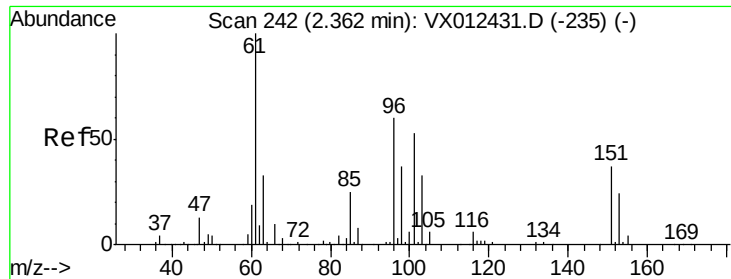


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 1.251 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX012446.D

Acq: 17 Sep 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20190910

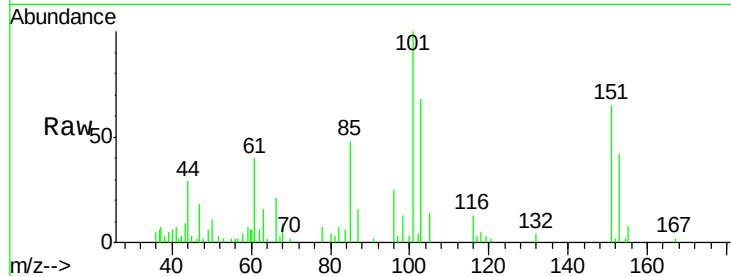
Tot Ion: 96 Resp: 1236

Ion Ratio Lower Upper

96 100

61 159.4 133.8 200.6

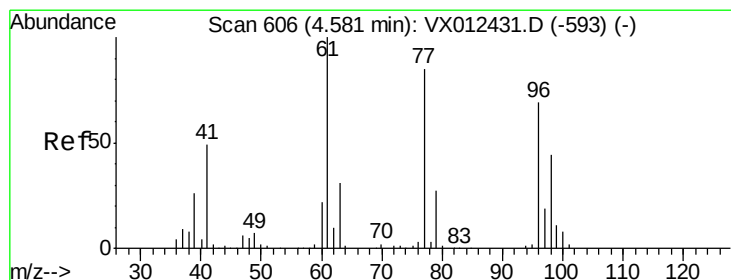
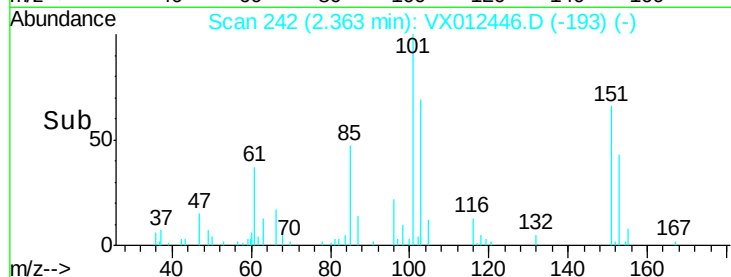
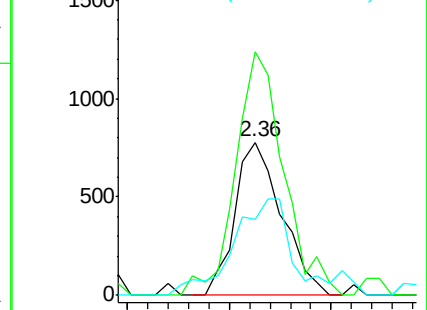
98 39.0 49.9 74.9#



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: 5.408 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX012446.D

Acq: 17 Sep 2019 21:03

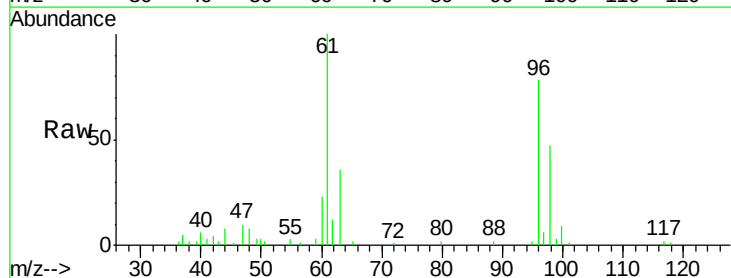
Tgt Ion: 96 Resp: 8288

Ion Ratio Lower Upper

96 100

61 134.2 0.0 319.4

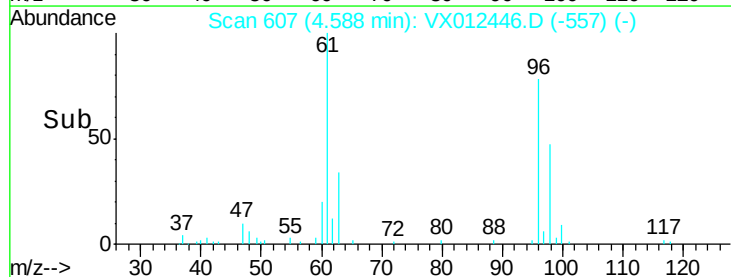
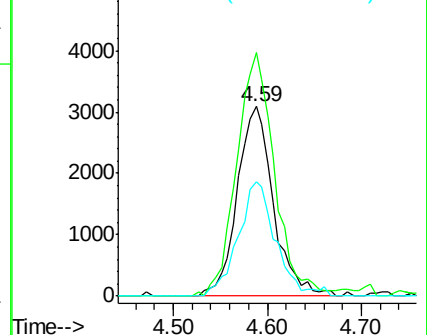
98 61.0 0.0 130.6

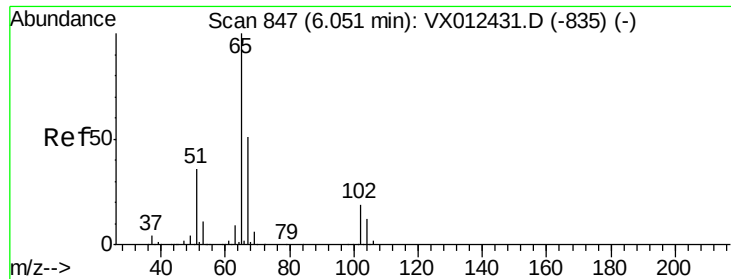


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

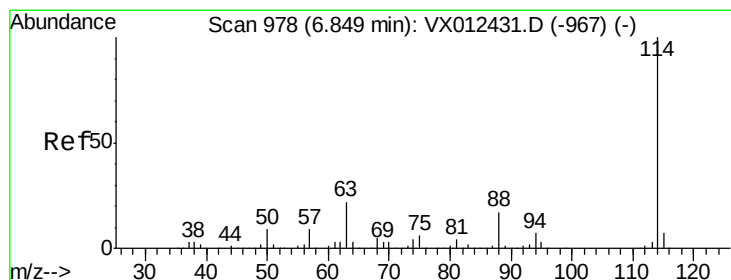
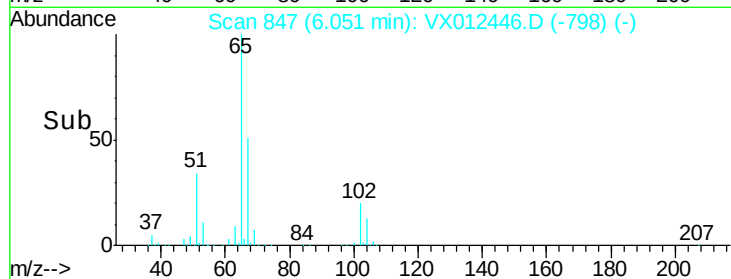
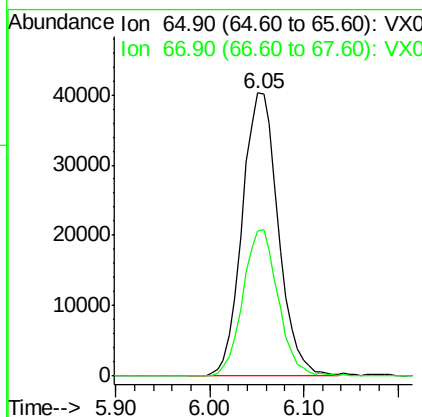
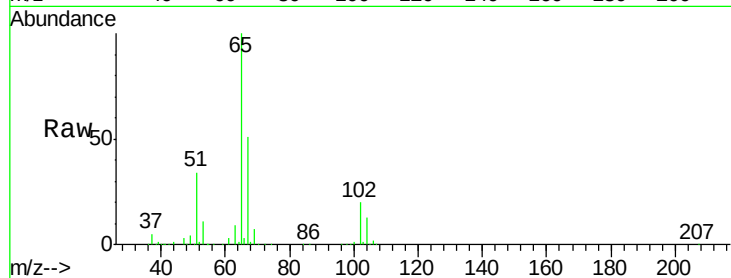




#33
 1,2-Dichloroethane-d4
 Concen: 48.176 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012446.D
 Acq: 17 Sep 2019 21:03

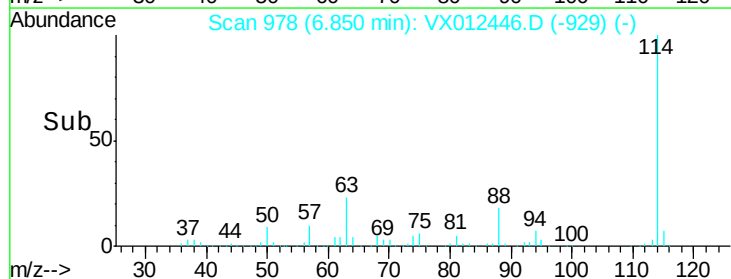
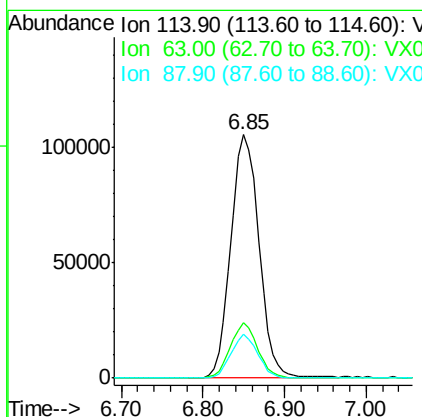
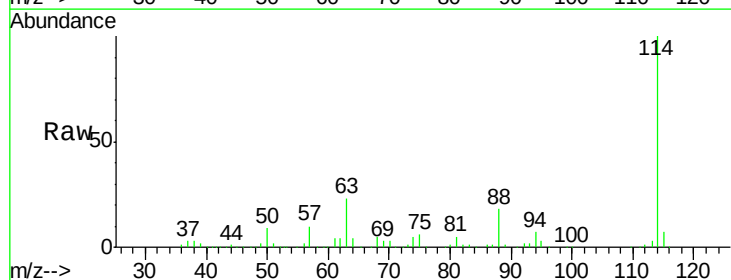
Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20190910

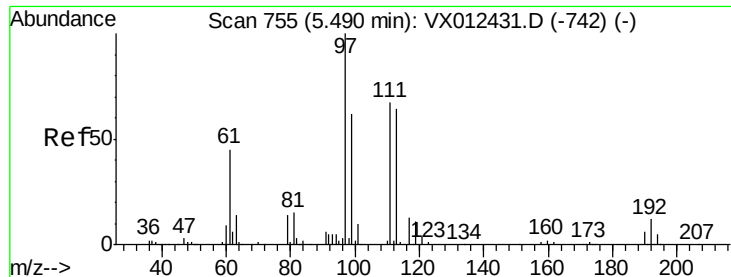
Tot Ion: 65 Resp: 108500
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012446.D
 Acq: 17 Sep 2019 21:03

Tgt Ion: 114 Resp: 251892
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.2
 88 18.1 0.0 33.2

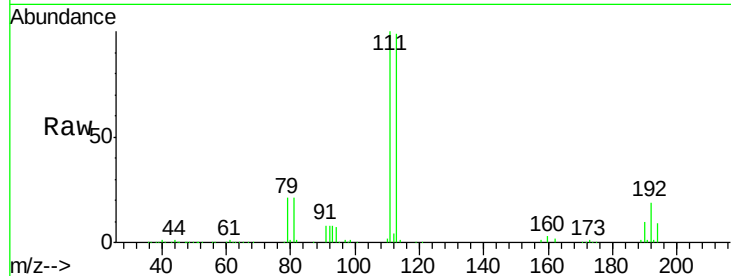




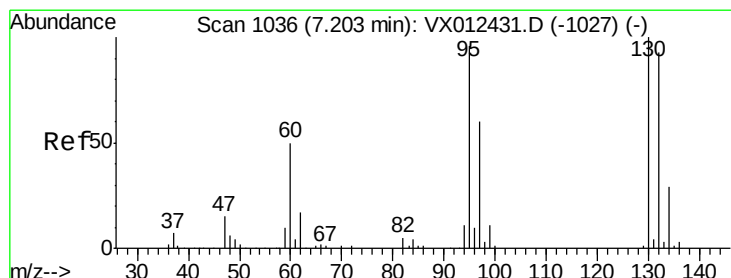
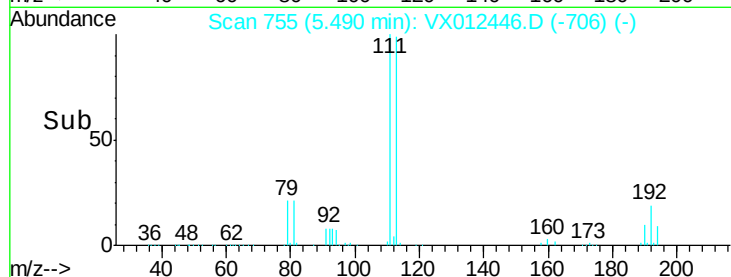
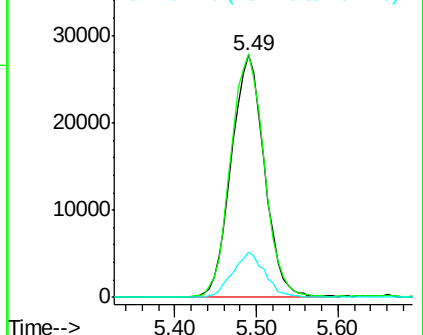
#35
 Dibromofluoromethane
 Concen: 51.178 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012446.D
 Acq: 17 Sep 2019 21:03

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20190910

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.4	125.2
192	18.1	14.4	21.6

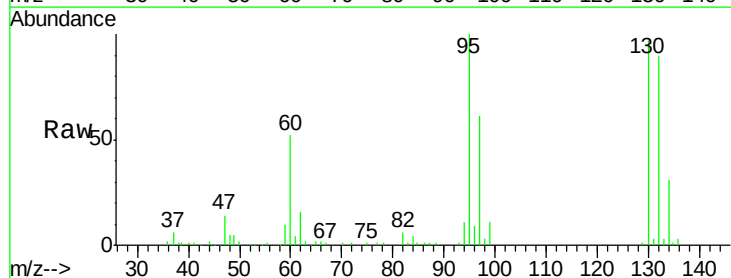


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

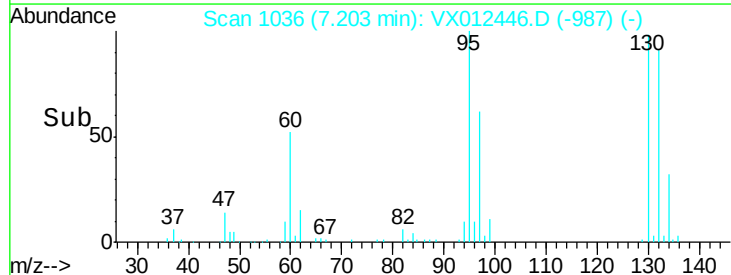
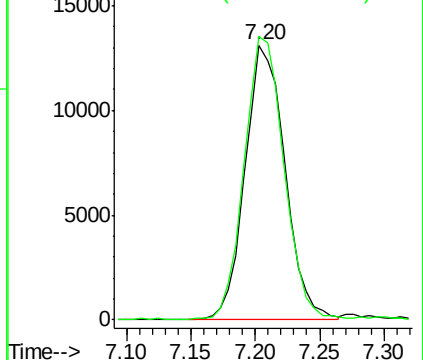


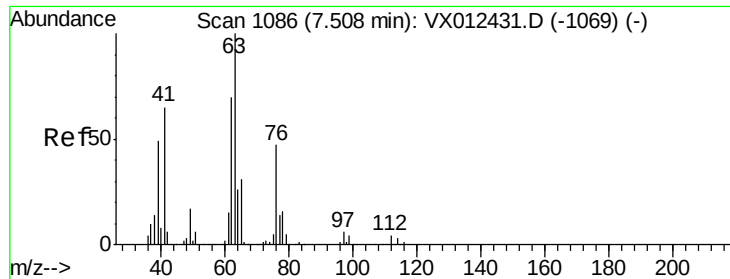
#44
 Trichloroethene
 Concen: 21.994 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX012446.D
 Acq: 17 Sep 2019 21:03

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.0	0.0	193.0



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

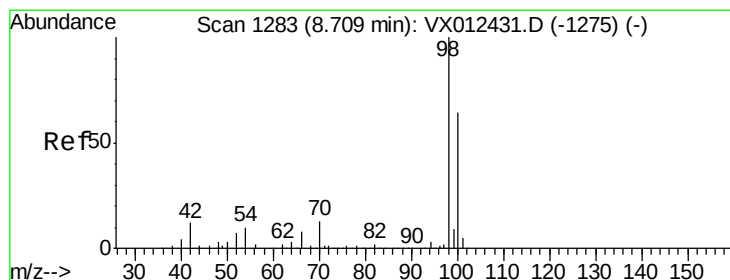
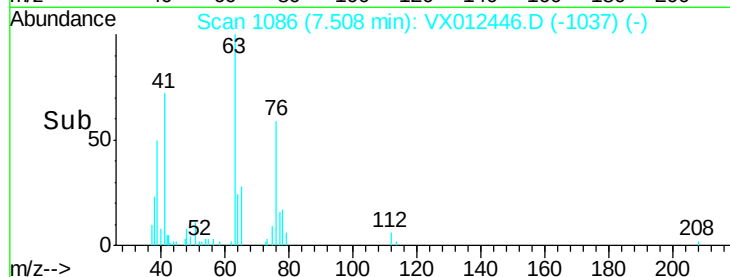
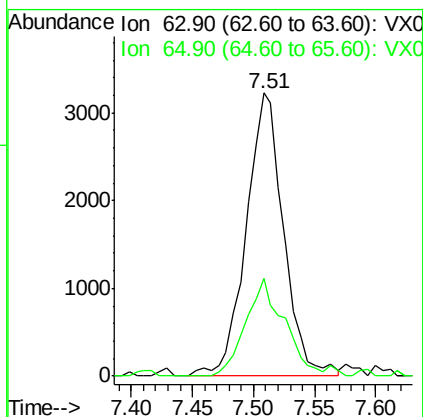
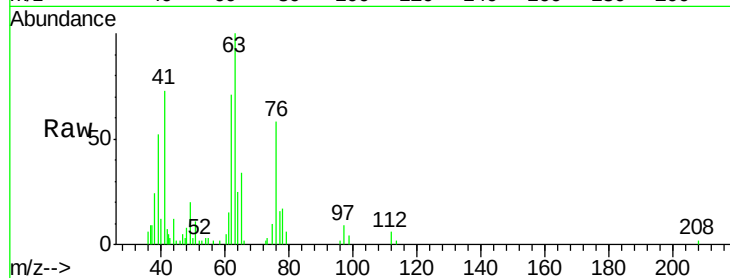




#45
 1,2-Dichloropropane
 Concen: 4.596 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012446.D
 Acq: 17 Sep 2019 21:03

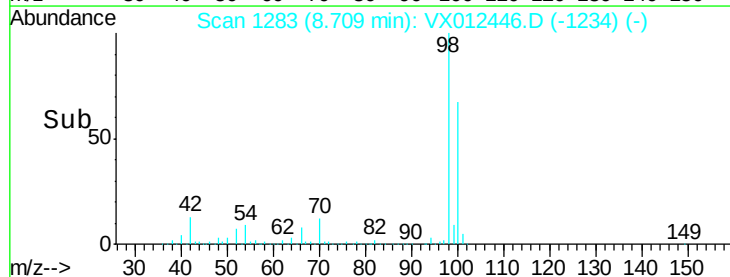
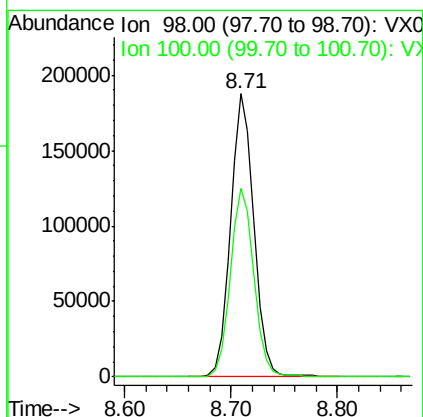
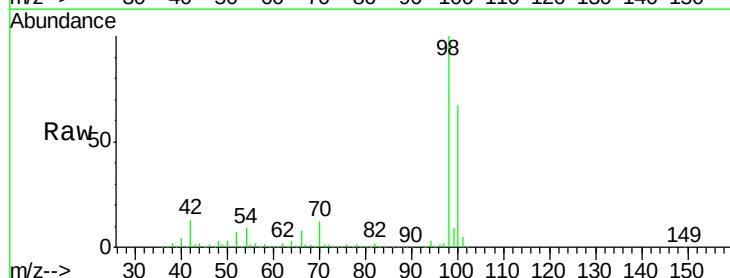
Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20190910

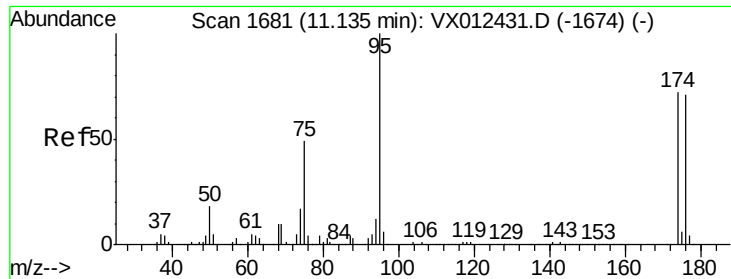
Tot Ion: 63 Resp: 6874
 Ion Ratio Lower Upper
 63 100
 65 34.4 25.0 37.6



#50
 Toluene-d8
 Concen: 51.151 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX012446.D
 Acq: 17 Sep 2019 21:03

Tgt Ion: 98 Resp: 288654
 Ion Ratio Lower Upper
 98 100
 100 67.0 53.4 80.2





#62

4-Bromofluorobenzene

Concen: 42.252 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012446.D

Acq: 17 Sep 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20190910

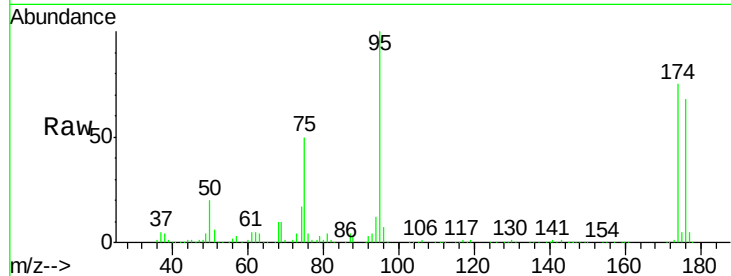
Tot Ion: 95 Resp: 99002

Ion Ratio Lower Upper

95 100

174 71.3 0.0 140.0

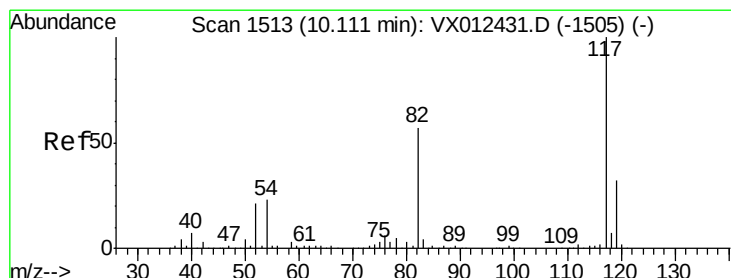
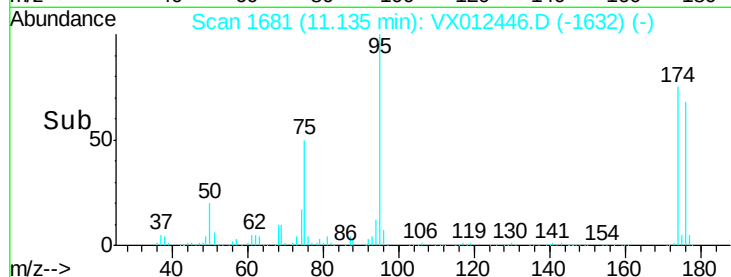
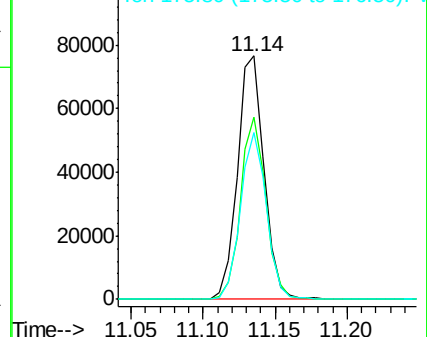
176 66.4 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX012446.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012446.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012446.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012446.D

Acq: 17 Sep 2019 21:03

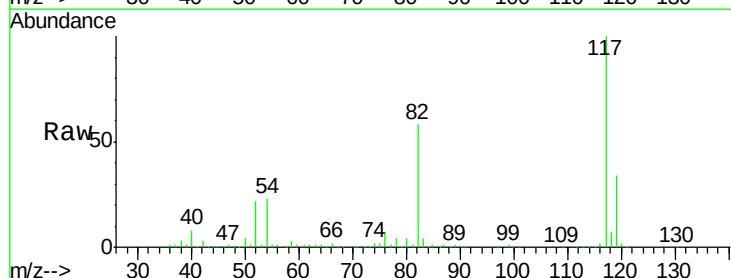
Tgt Ion: 117 Resp: 203866

Ion Ratio Lower Upper

117 100

82 58.5 45.9 68.9

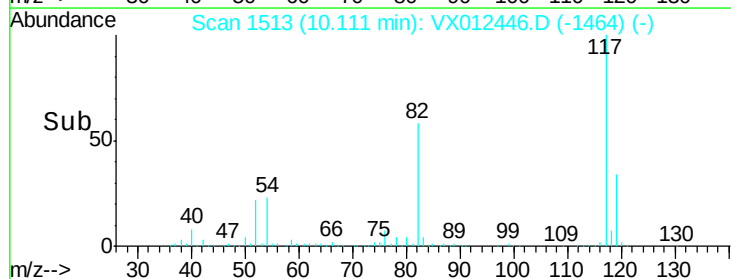
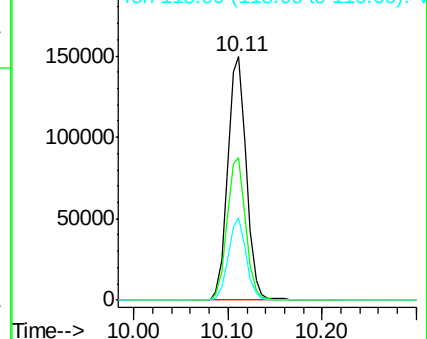
119 33.8 25.3 37.9

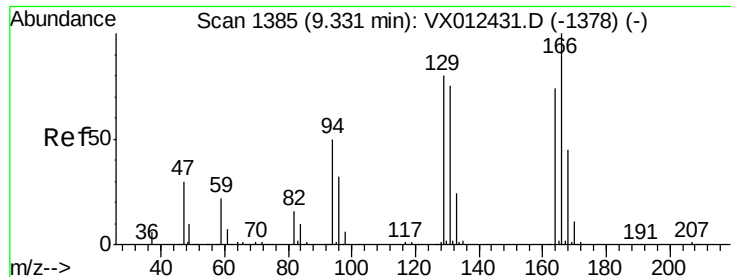


Abundance Ion 116.90 (116.60 to 117.60): VX012446.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012446.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012446.D (-1464) (-)

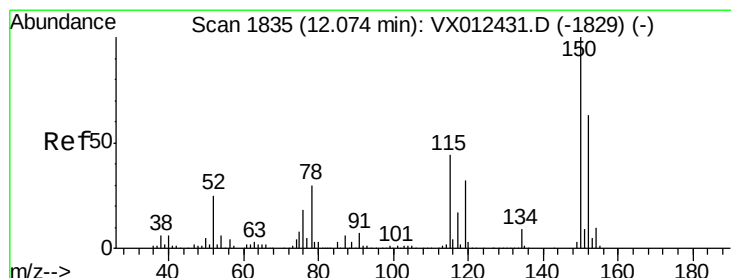
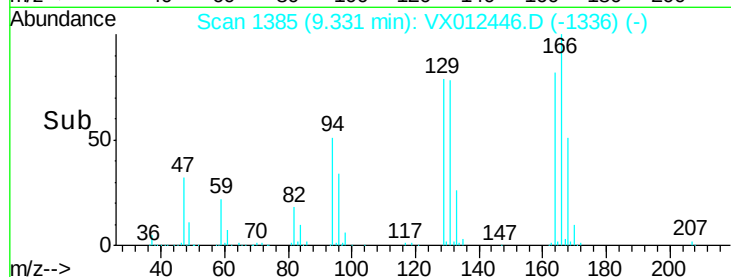
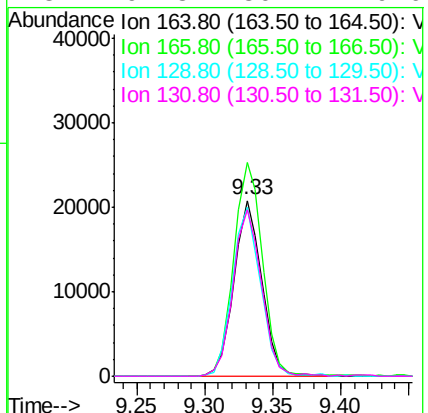
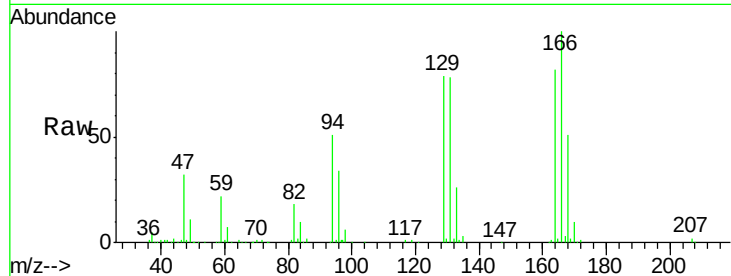




#64
Tetrachloroethene
Concen: 31.744 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20190910

Tot Ion:164 Resp: 29655
Ion Ratio Lower Upper
164 100
166 121.4 107.8 161.6
129 96.2 86.2 129.2
131 94.8 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: VX012446.D
Acq: 17 Sep 2019 21:03

Tgt Ion:152 Resp: 78457
Ion Ratio Lower Upper
152 100
115 63.7 44.1 132.3
150 157.1 0.0 343.8

