

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031219\
 Data File : VX008019.D
 Acq On : 12 Mar 2019 16:34
 Operator : JC/SP
 Sample : K1841-07DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20190308DL

Quant Time: Mar 13 10:23:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

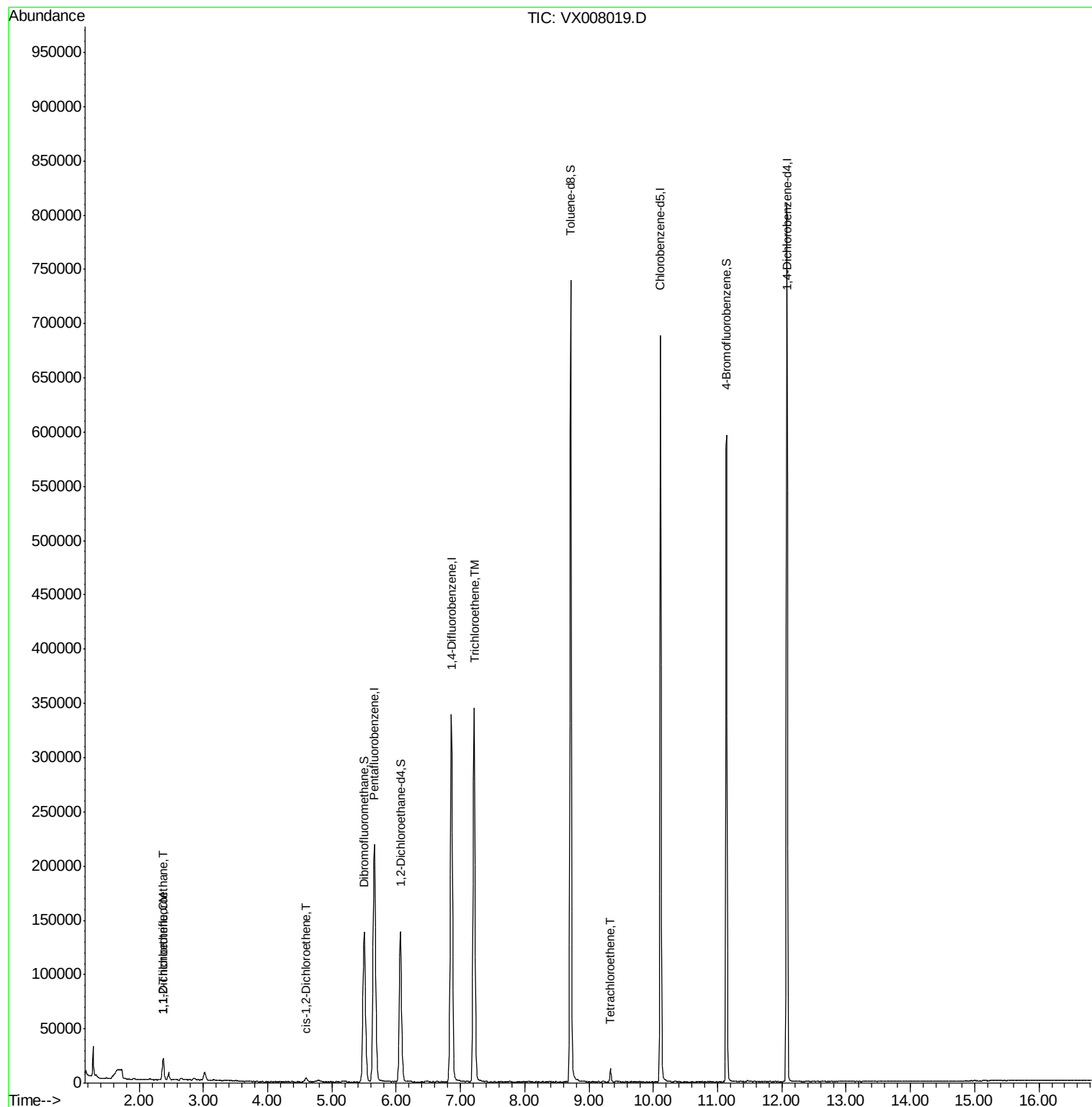
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	232243	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	363868	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	339393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175958	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	128052	52.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.54%	
35) Dibromofluoromethane	5.50	113	117928	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
50) Toluene-d8	8.71	98	440305	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.02%	
62) 4-Bromofluorobenzene	11.13	95	161901	54.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.04%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	6006	2.930	ug/l	96
12) 1,1-Dichloroethene	2.37	96	1978	1.001	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	2154	0.866	ug/l	93
44) Trichloroethene	7.21	130	143985	53.267	ug/l	98
64) Tetrachloroethene	9.34	164	2472	0.879	ug/l	88

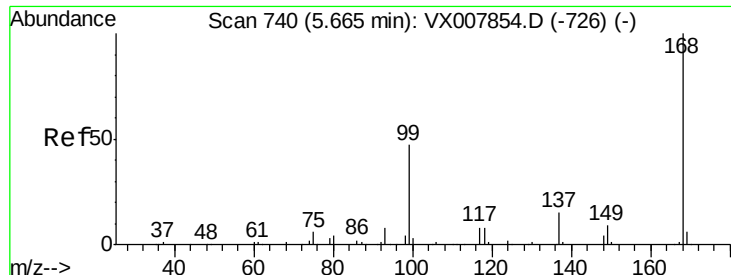
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008019.D

Acq: 12 Mar 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

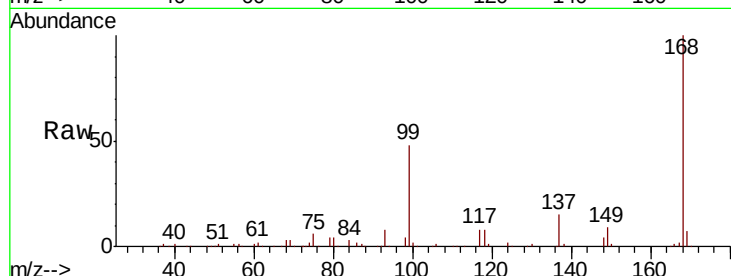
RE125D2-20190308DL

Tgt Ion:168 Resp: 232243

Ion Ratio Lower Upper

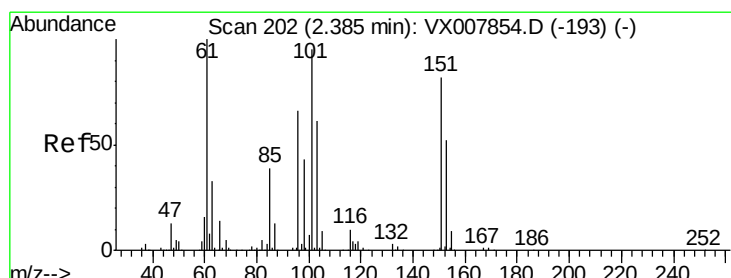
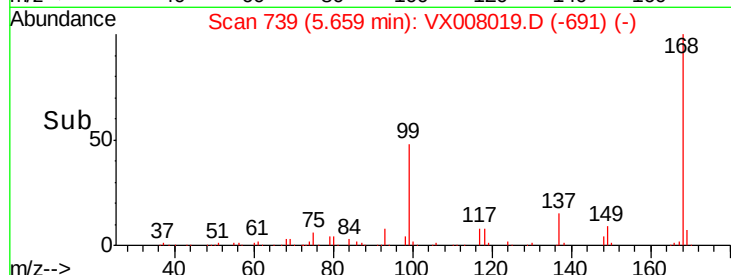
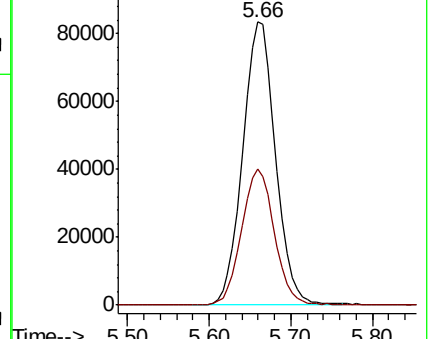
168 100

99 47.9 37.6 56.4



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: 2.930 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX008019.D

Acq: 12 Mar 2019 16:34

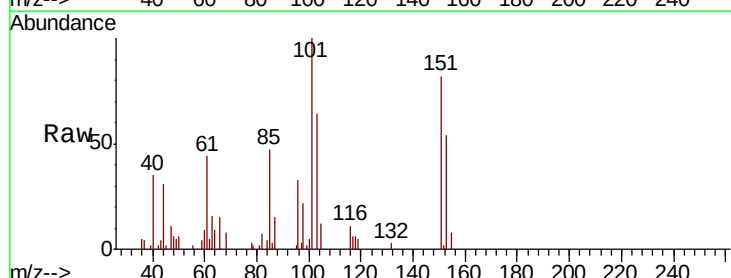
Tgt Ion:101 Resp: 6006

Ion Ratio Lower Upper

101 100

85 45.7 33.8 50.6

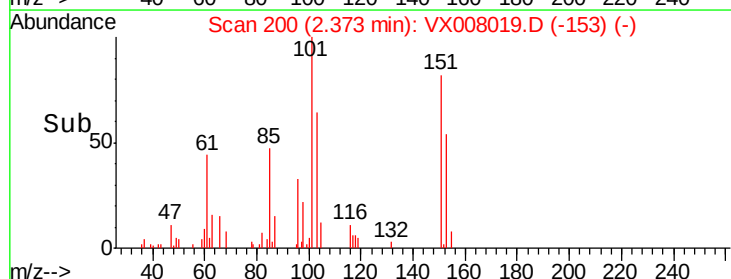
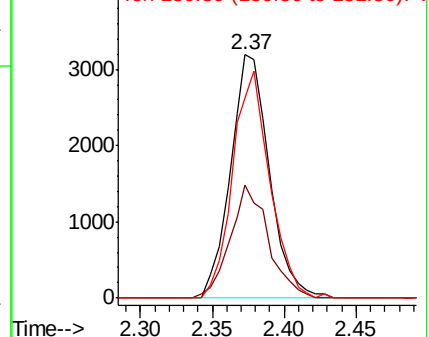
151 89.3 69.1 103.7

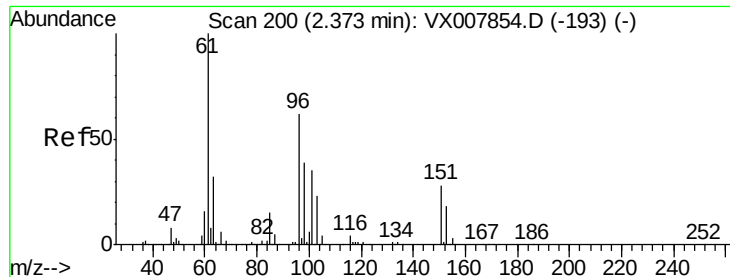


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 1.001 ug/l

RT: 2.37 min Scan# 199

Delta R.T. -0.01 min

Lab File: VX008019.D

Acq: 12 Mar 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20190308DL

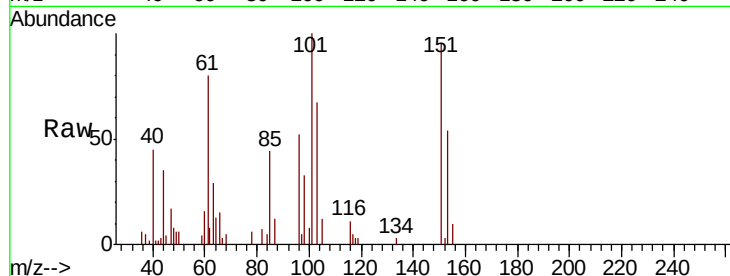
Tgt Ion: 96 Resp: 1978

Ion Ratio Lower Upper

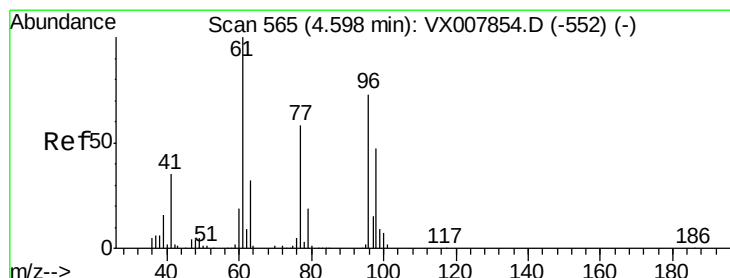
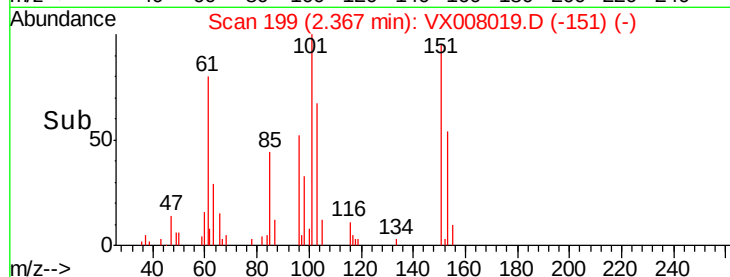
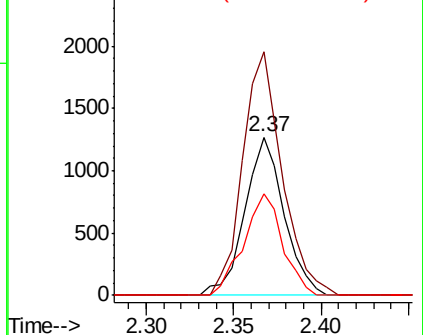
96 100

61 153.7 129.8 194.6

98 63.8 51.0 76.6



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



#27

cis-1,2-Dichloroethene

Concen: 0.866 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX008019.D

Acq: 12 Mar 2019 16:34

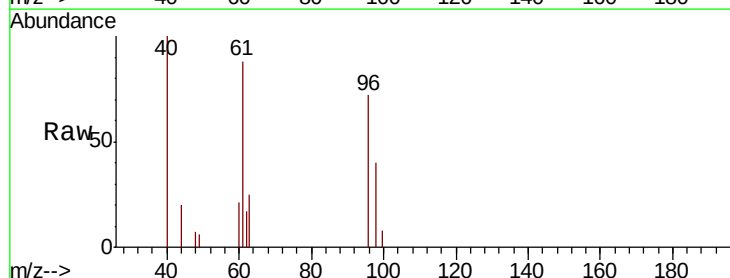
Tgt Ion: 96 Resp: 2154

Ion Ratio Lower Upper

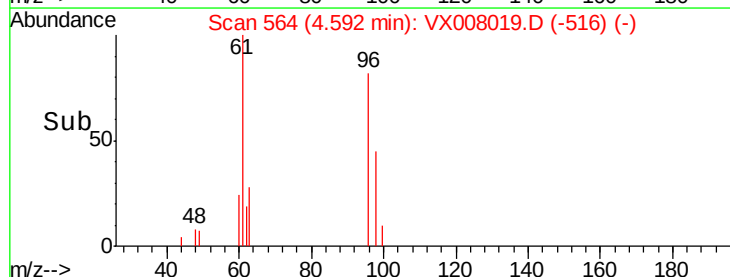
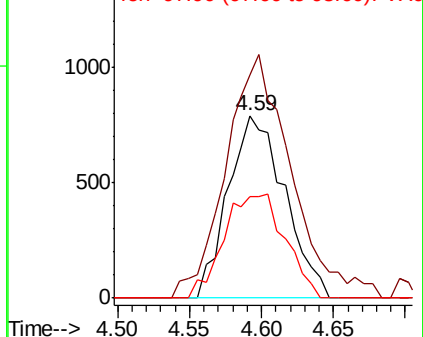
96 100

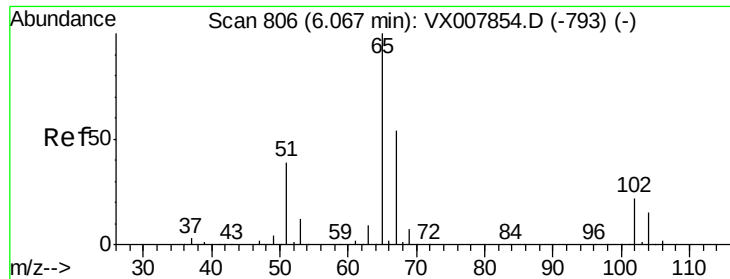
61 155.1 0.0 288.0

98 61.5 0.0 129.0



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

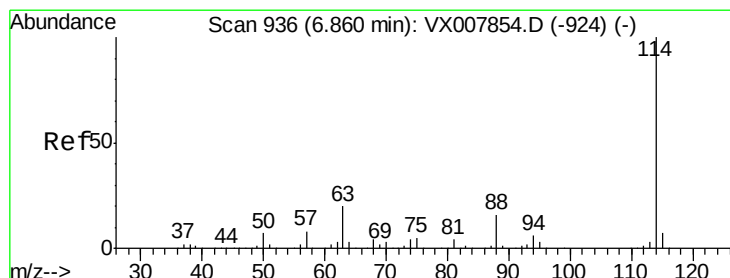
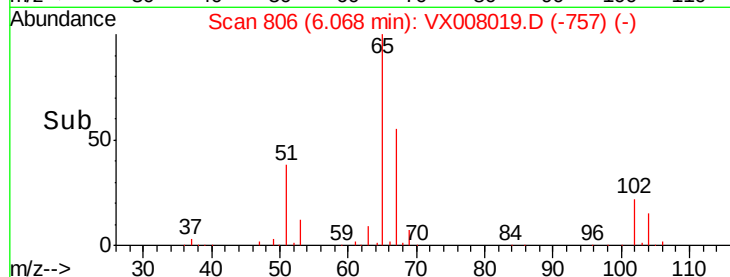
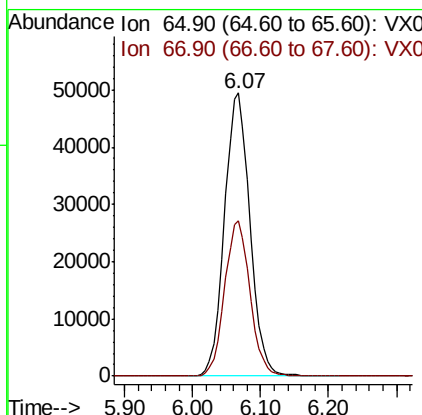
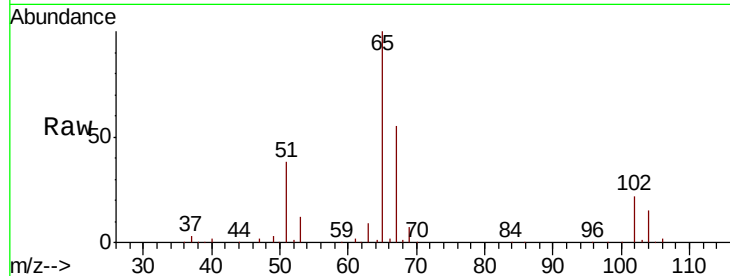




#33
 1,2-Dichloroethane-d4
 Concen: 52.267 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX008019.D
 Acq: 12 Mar 2019 16:34

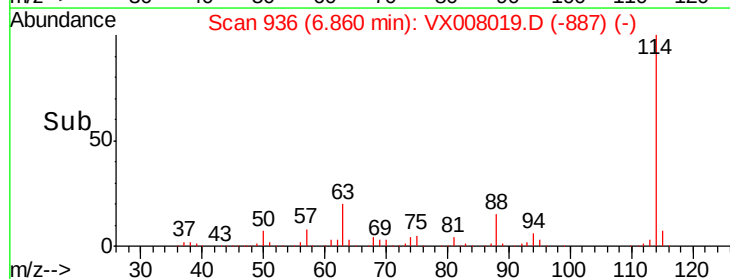
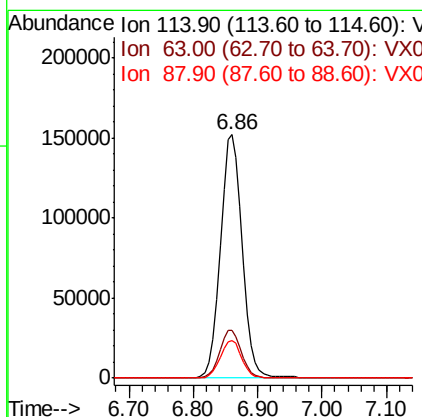
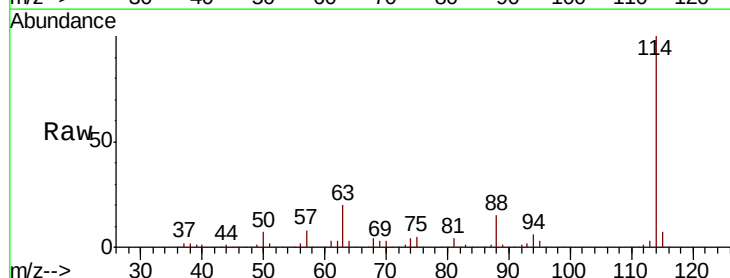
Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20190308DL

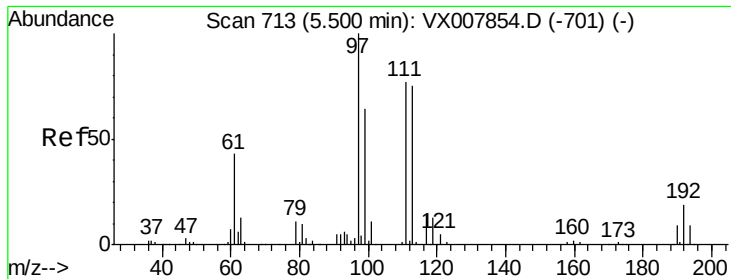
Tgt Ion: 65 Resp: 128052
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008019.D
 Acq: 12 Mar 2019 16:34

Tgt Ion: 114 Resp: 363868
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 15.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.666 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008019.D

Acq: 12 Mar 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20190308DL

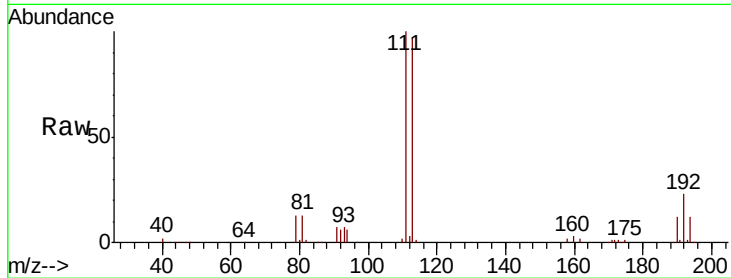
Tgt Ion:113 Resp: 117928

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

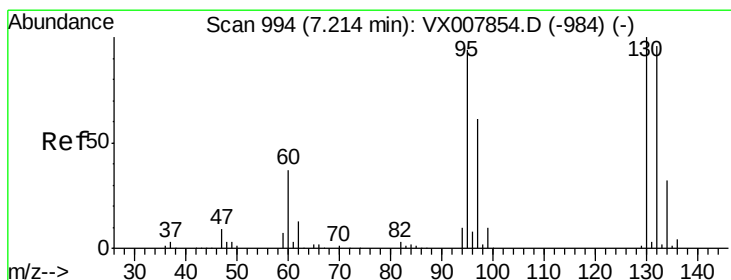
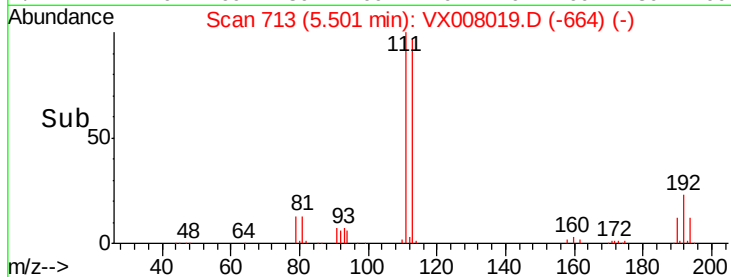
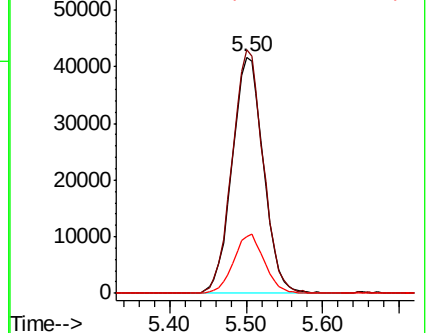
192 24.5 19.4 29.0



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: 53.267 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008019.D

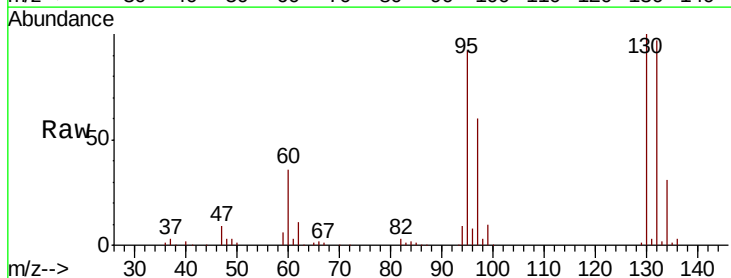
Acq: 12 Mar 2019 16:34

Tgt Ion:130 Resp: 143985

Ion Ratio Lower Upper

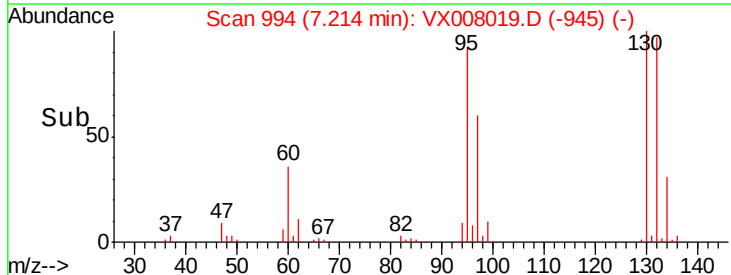
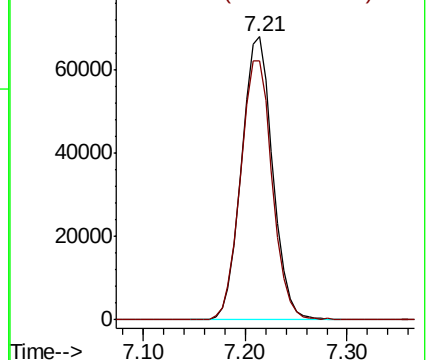
130 100

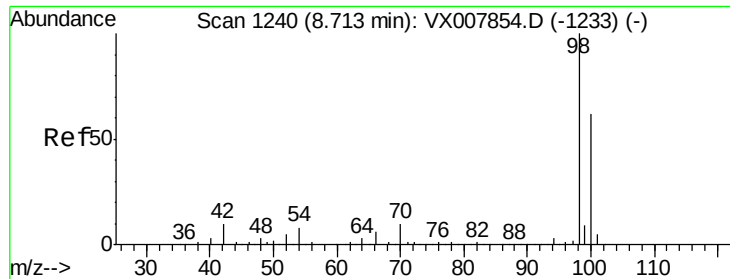
95 91.7 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

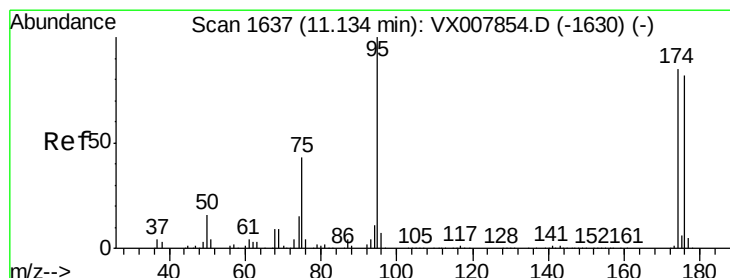
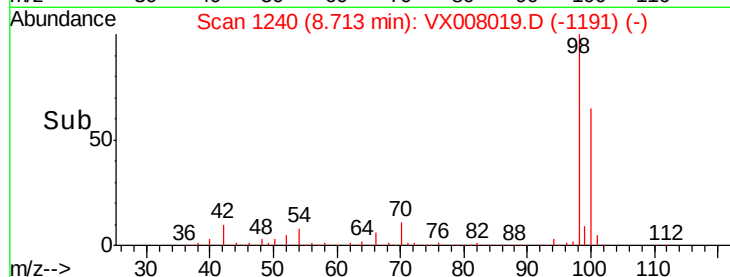
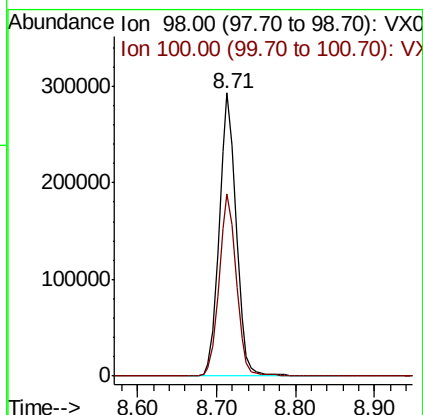
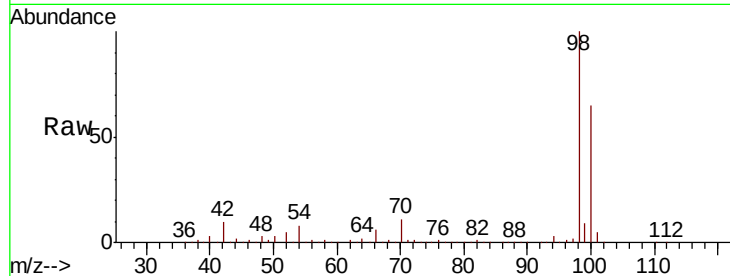




#50
Toluene-d8
Concen: 51.510 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008019.D
Acq: 12 Mar 2019 16:34

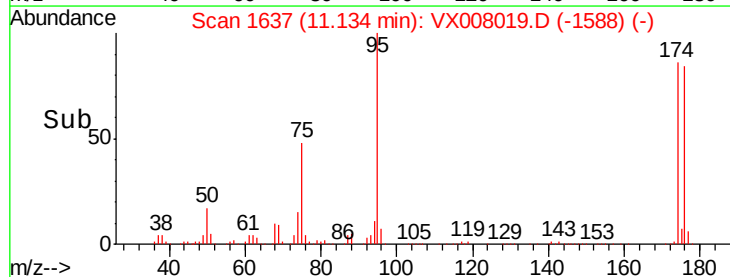
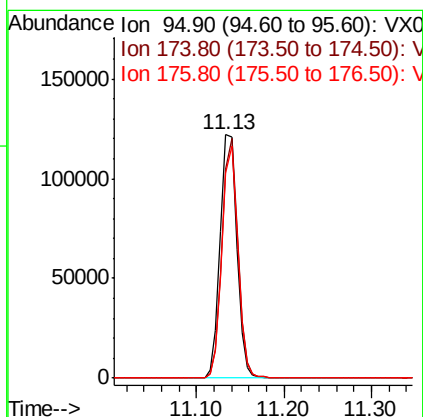
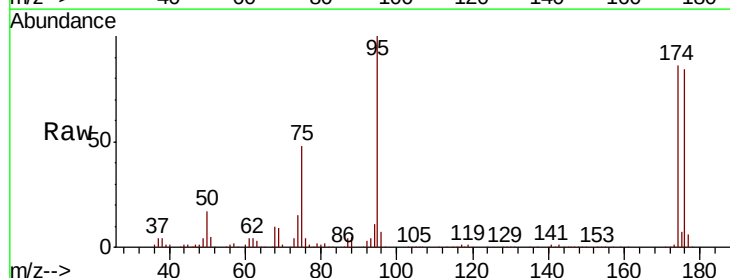
Instrument :
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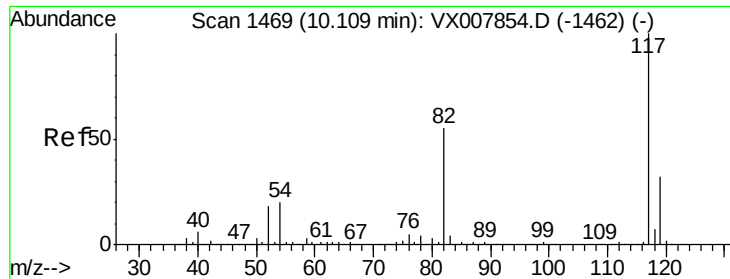
Tgt Ion: 98 Resp: 440305
Ion Ratio Lower Upper
98 100
100 65.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 54.022 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008019.D
Acq: 12 Mar 2019 16:34

Tgt Ion: 95 Resp: 161901
Ion Ratio Lower Upper
95 100
174 93.0 0.0 182.8
176 90.3 0.0 178.0

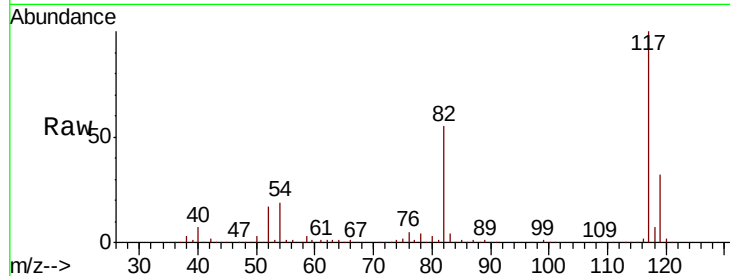




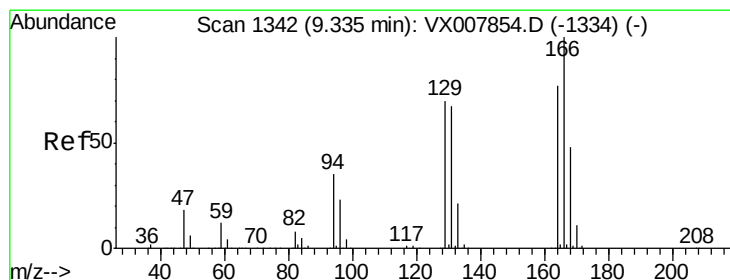
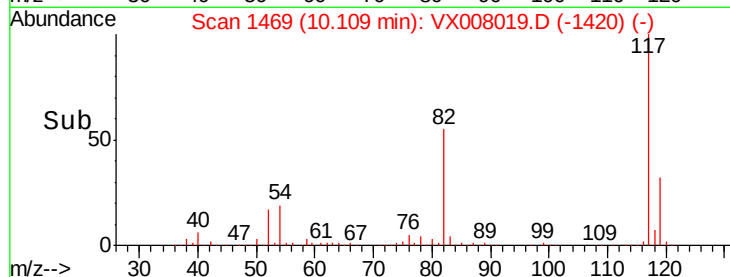
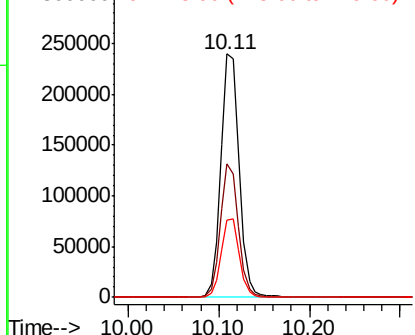
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008019.D
Acq: 12 Mar 2019 16:34

Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20190308DL

Tgt Ion:117 Resp: 339393
Ion Ratio Lower Upper
117 100
82 54.8 44.3 66.5
119 31.9 25.3 37.9

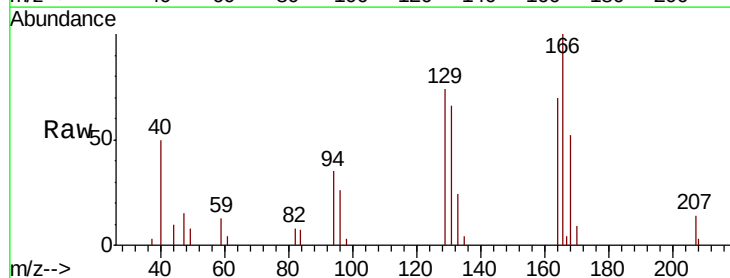


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

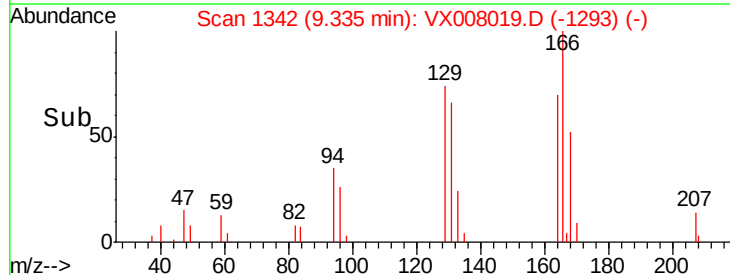
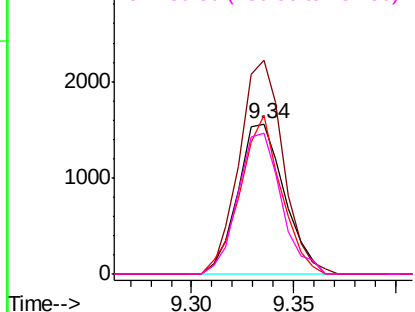


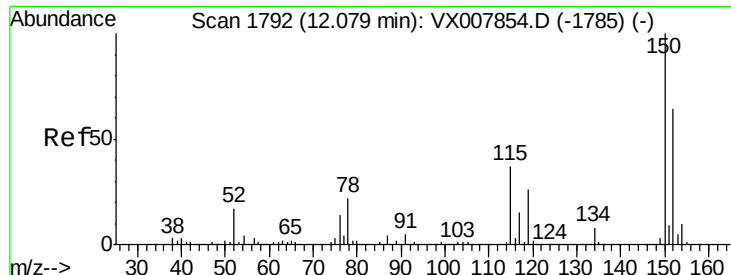
#64
Tetrachloroethene
Concen: 0.879 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008019.D
Acq: 12 Mar 2019 16:34

Tgt Ion:164 Resp: 2472
Ion Ratio Lower Upper
164 100
166 142.3 103.4 155.0
129 105.5 72.2 108.4
131 94.1 69.4 104.2



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: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX008019.D
 Acq: 12 Mar 2019 16:34

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20190308DL

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	38.6	115.7
150	155.4	0.0	348.4

