

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
 Data File : VX001642.D
 Acq On : 11 May 2018 16:34
 Operator : JC/MD
 Sample : J2741-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW146-180501

Quant Time: May 12 06:58:32 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	252091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	336999	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	287539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	147921	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	202545	55.90	ug/l	0.00
Spiked Amount			Recovery	=	111.80%	
35) Dibromofluoromethane	5.51	113	161466	53.87	ug/l	0.00
Spiked Amount			Recovery	=	107.74%	
50) Toluene-d8	8.72	98	570467	52.14	ug/l	0.00
Spiked Amount			Recovery	=	104.28%	
62) 4-Bromofluorobenzene	11.15	95	181659	43.25	ug/l	0.00
Spiked Amount			Recovery	=	86.50%	

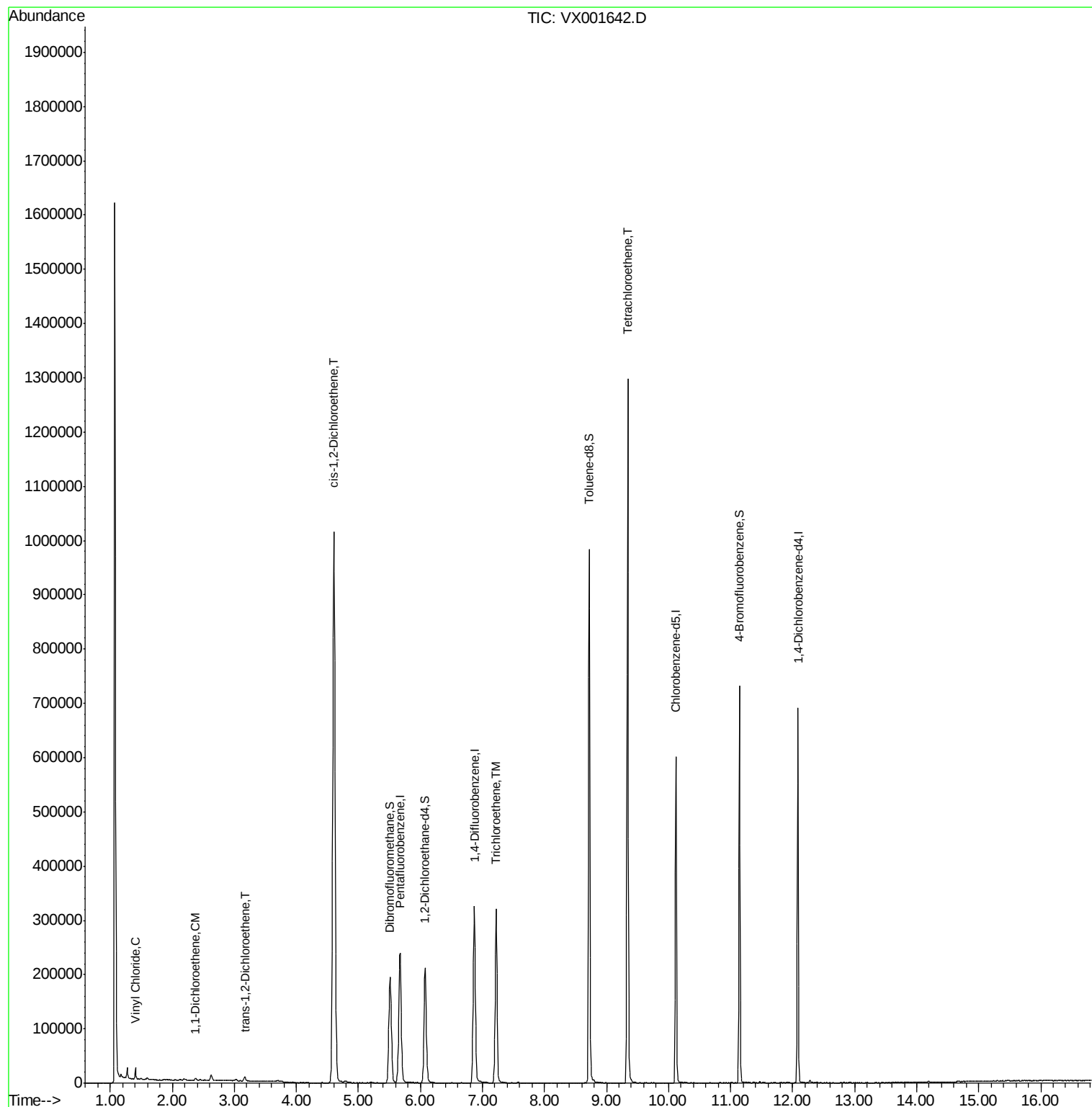
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	12648	3.67	ug/l	97
12) 1,1-Dichloroethene	2.38	96	1072	0.38	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	3349	1.08	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	649982	196.05	ug/l	86
44) Trichloroethene	7.22	130	129127	33.74	ug/l	100
64) Tetrachloroethene	9.34	164	281317	70.19	ug/l	99

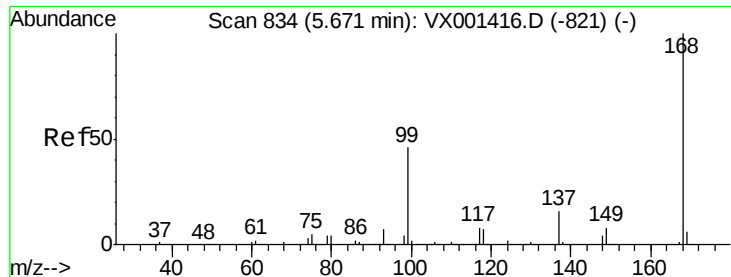
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001642.D

Acq: 11 May 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

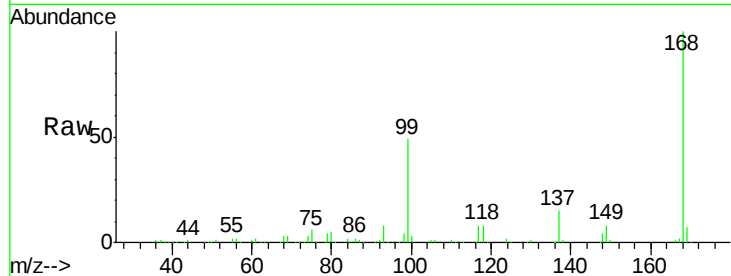
ST008MW146-180501

Tot Ion:168 Resp: 252091

Ion Ratio Lower Upper

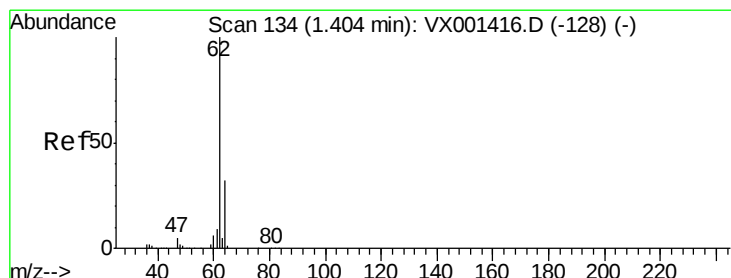
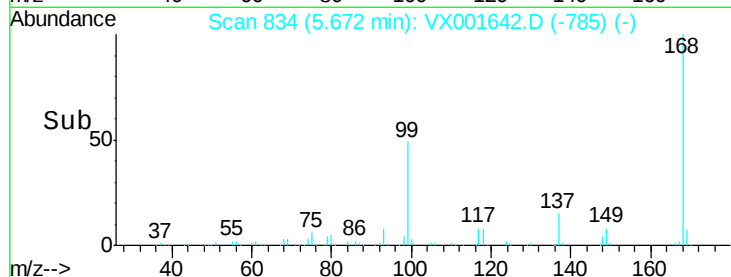
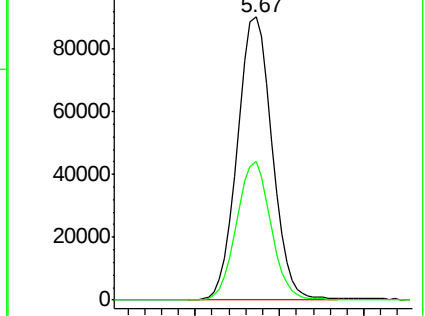
168 100

99 48.9 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 3.67 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001642.D

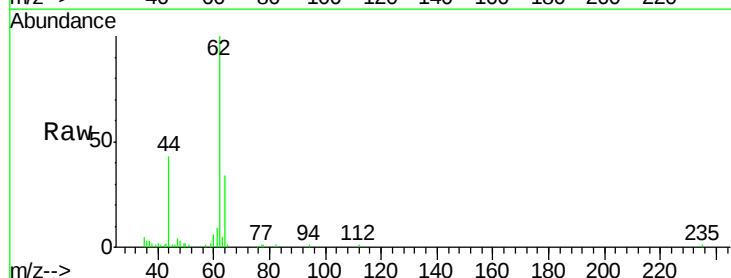
Acq: 11 May 2018 16:34

Tgt Ion: 62 Resp: 12648

Ion Ratio Lower Upper

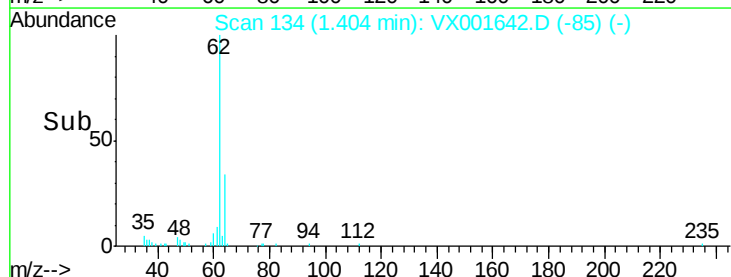
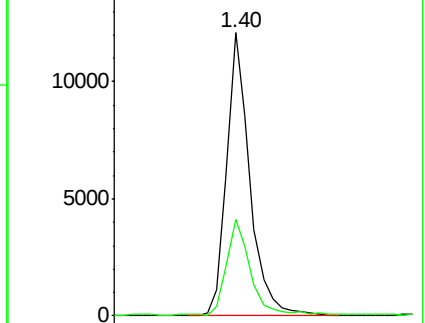
62 100

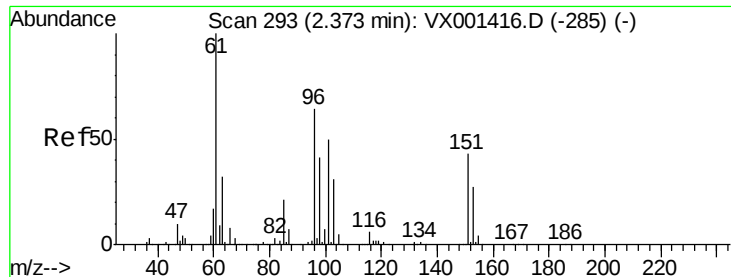
64 33.8 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#12

1,1-Dichloroethene

Concen: 0.38 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.01 min

Lab File: VX001642.D

Acq: 11 May 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

ST008MW146-180501

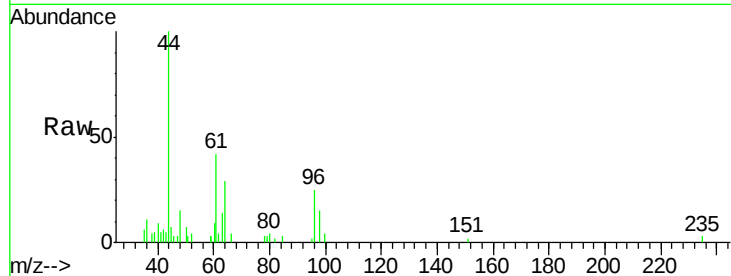
Tot Ion: 96 Resp: 1072

Ion Ratio Lower Upper

96 100

61 170.4 125.7 188.5

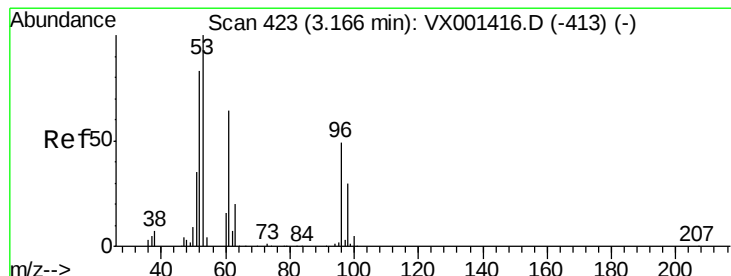
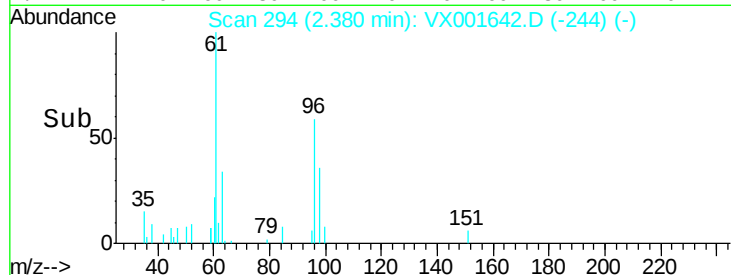
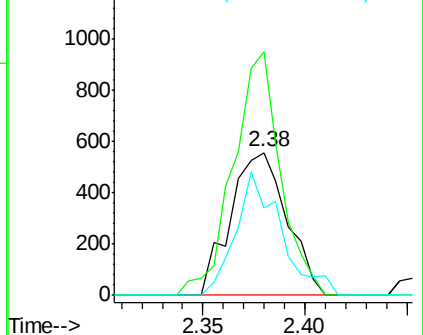
98 61.4 52.0 78.0



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



#21

trans-1,2-Dichloroethene

Concen: 1.08 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001642.D

Acq: 11 May 2018 16:34

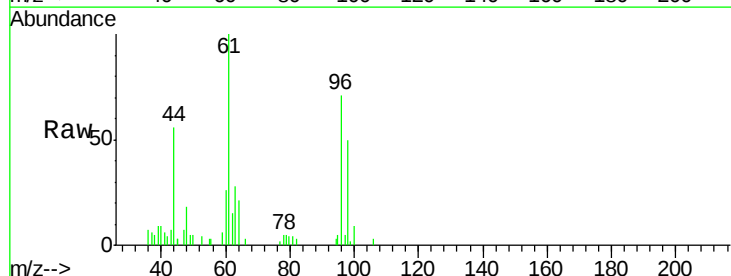
Tgt Ion: 96 Resp: 3349

Ion Ratio Lower Upper

96 100

61 139.9 105.0 157.4

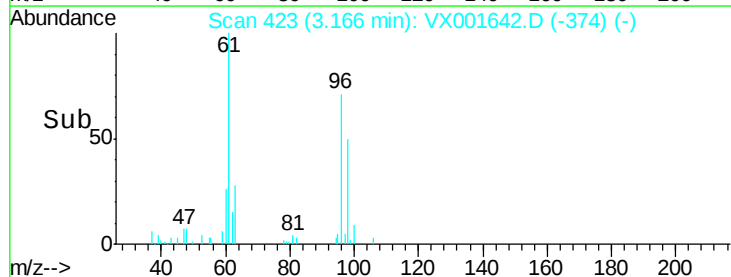
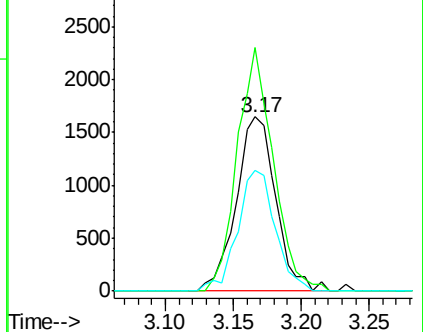
98 69.5 49.9 74.9

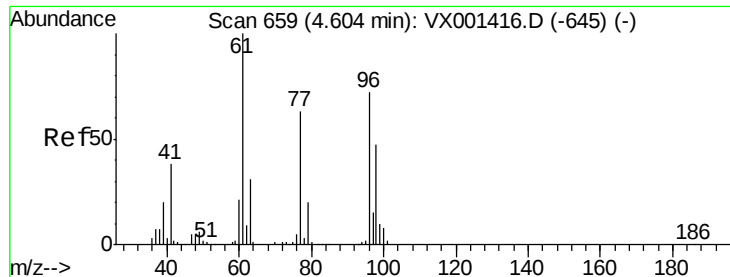


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 196.05 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001642.D

Acq: 11 May 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

ST008MW146-180501

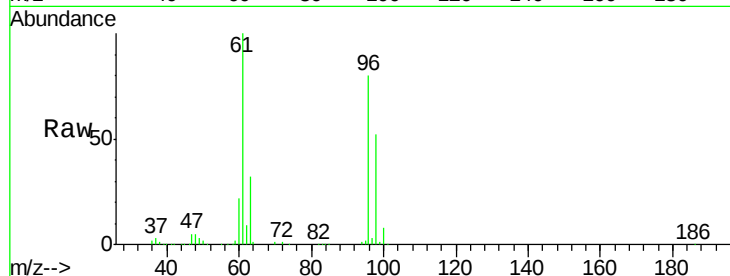
Tot Ion: 96 Resp: 649982

Ion Ratio Lower Upper

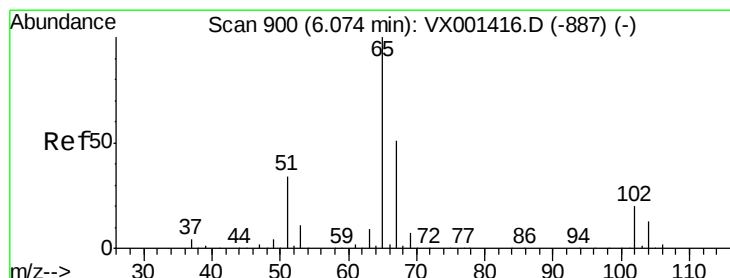
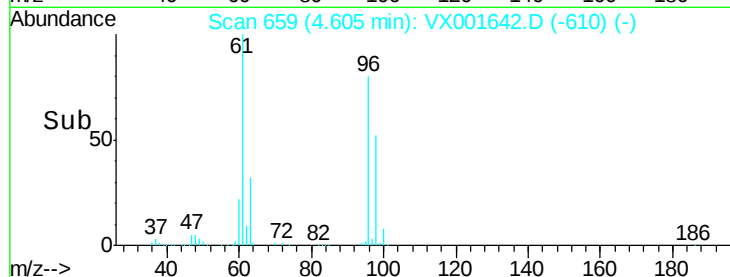
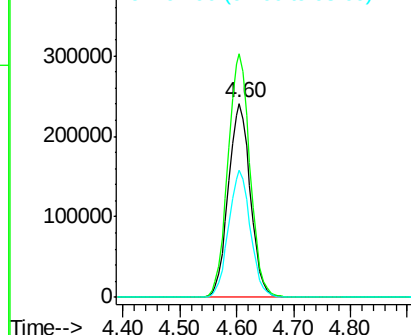
96 100

61 125.7 0.0 301.6

98 64.9 0.0 131.6



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: 55.90 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001642.D

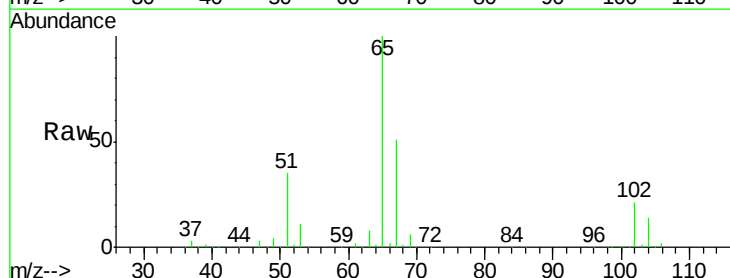
Acq: 11 May 2018 16:34

Tgt Ion: 65 Resp: 202545

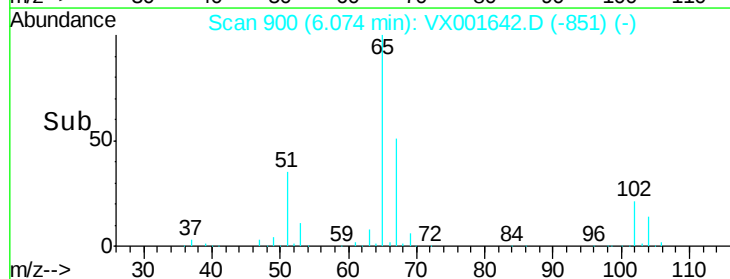
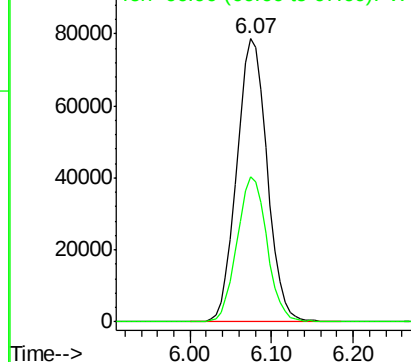
Ion Ratio Lower Upper

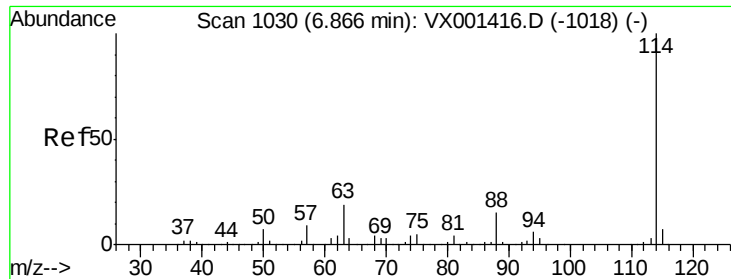
65 100

67 50.7 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

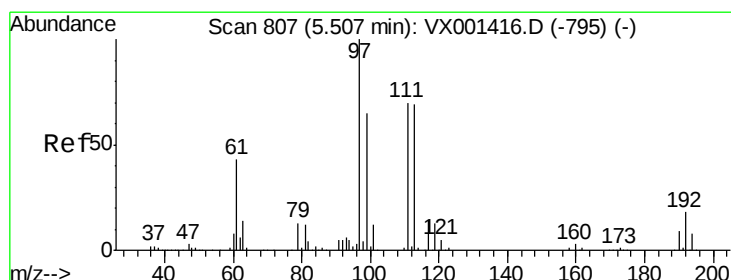
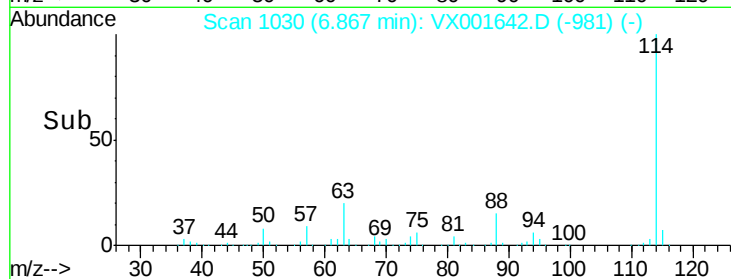
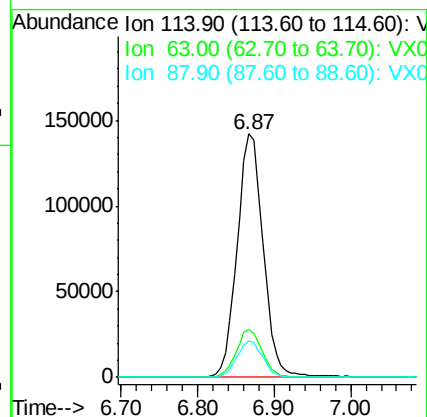
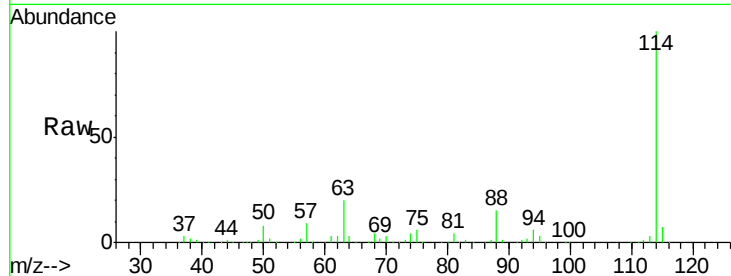




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001642.D
 Acq: 11 May 2018 16:34

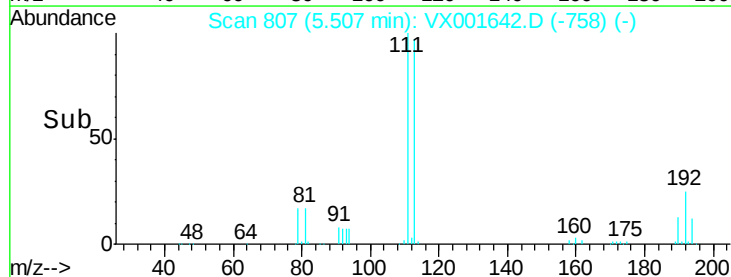
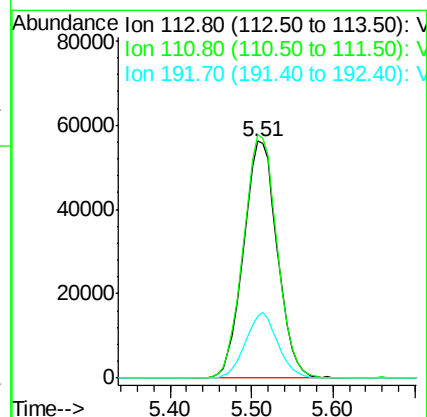
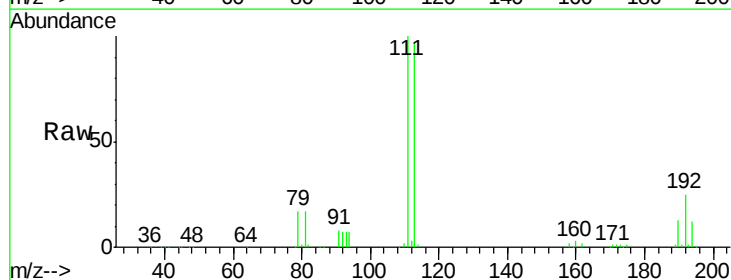
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW146-180501

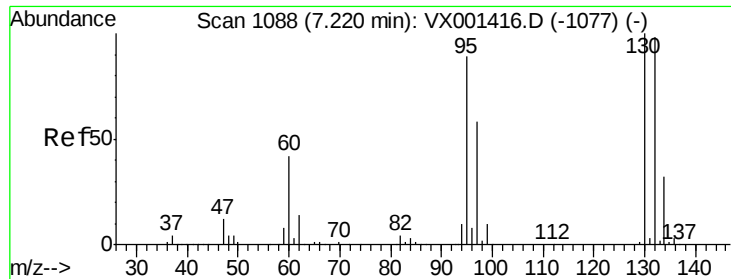
Tot Ion:114 Resp: 336999
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.6
 88 15.0 0.0 30.8



#35
 Dibromofluoromethane
 Concen: 53.87 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001642.D
 Acq: 11 May 2018 16:34

Tgt Ion:113 Resp: 161466
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.2 123.2
 192 26.3 21.4 32.0

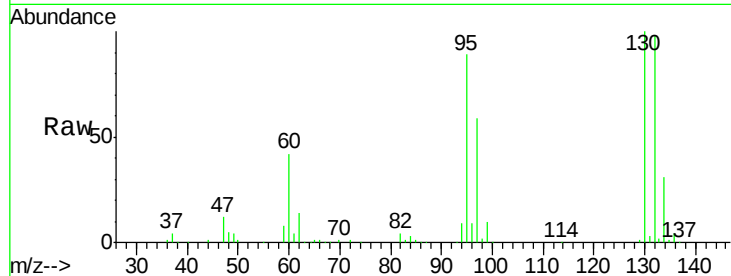




#44
 Trichloroethene
 Concen: 33.74 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001642.D
 Acq: 11 May 2018 16:34

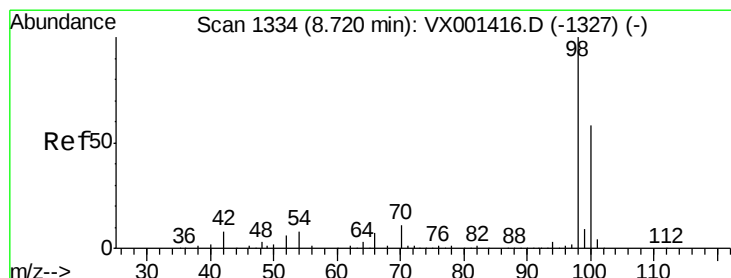
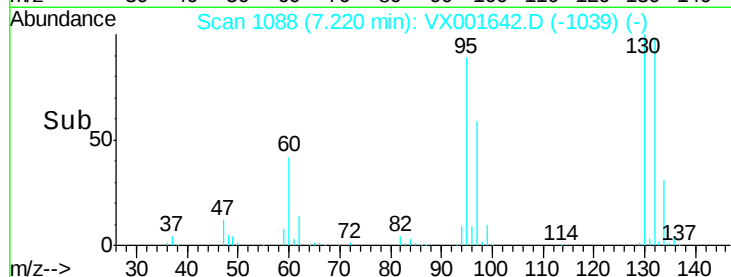
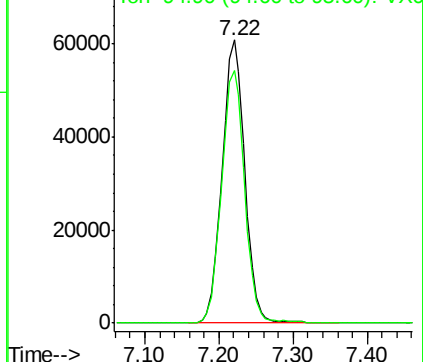
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW146-180501

Tot Ion:130 Resp: 129127
 Ion Ratio Lower Upper
 130 100
 95 89.4 0.0 178.4



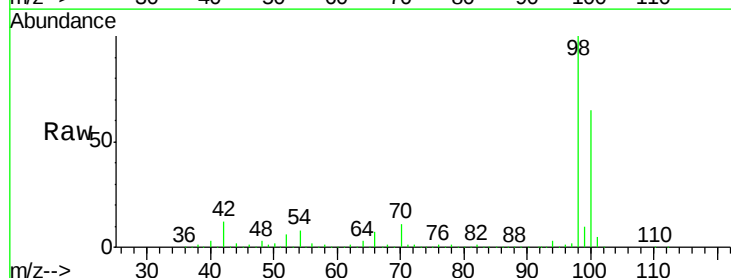
Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



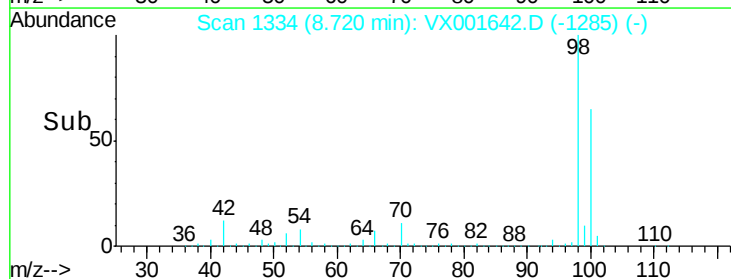
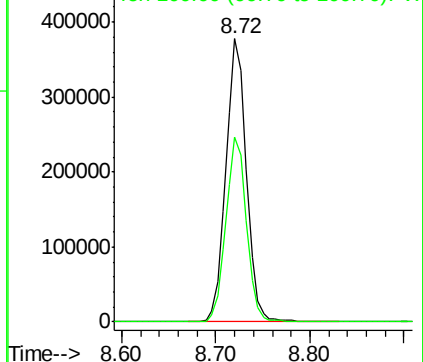
#50
 Toluene-d8
 Concen: 52.14 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001642.D
 Acq: 11 May 2018 16:34

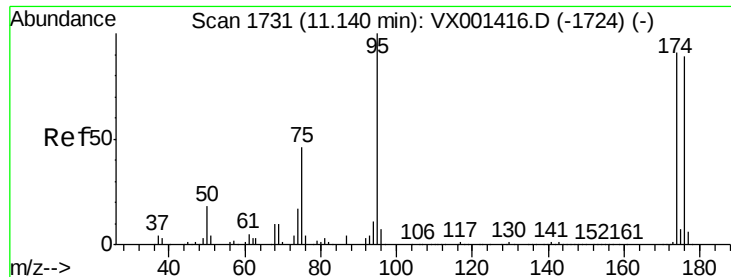
Tgt Ion: 98 Resp: 570467
 Ion Ratio Lower Upper
 98 100
 100 65.6 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

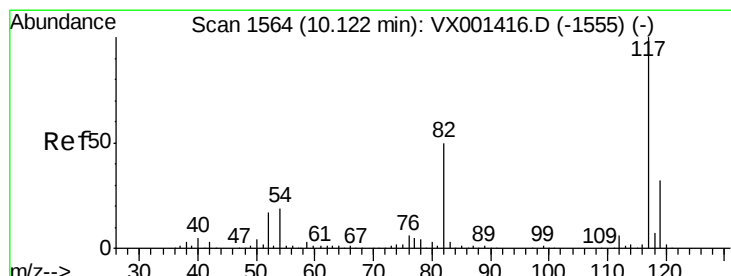
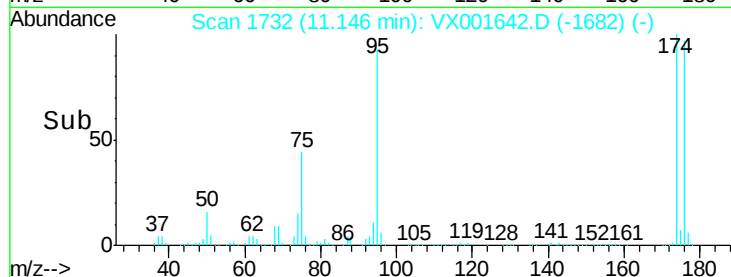
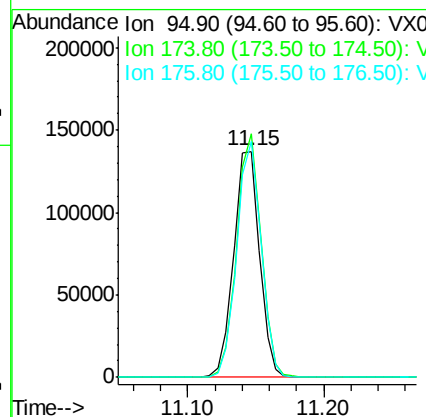
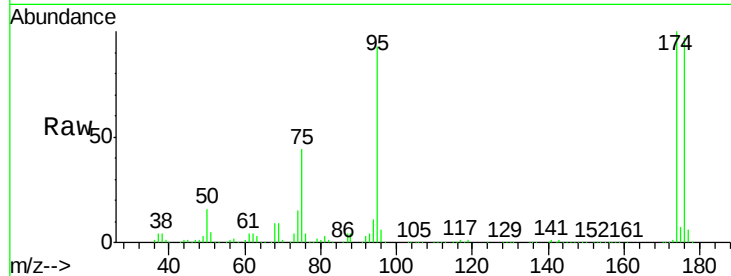




#62
4-Bromofluorobenzene
Concen: 43.25 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001642.D
Acq: 11 May 2018 16:34

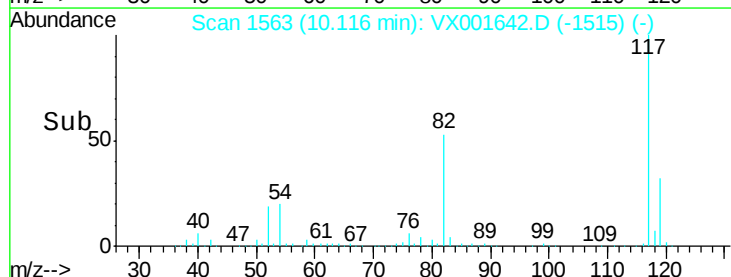
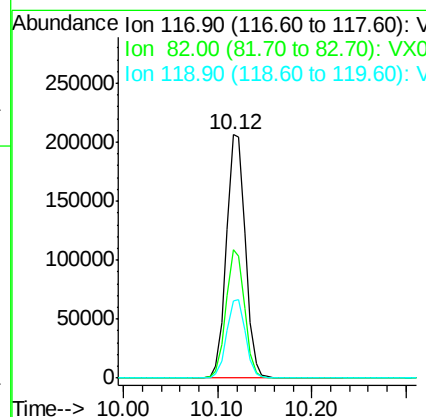
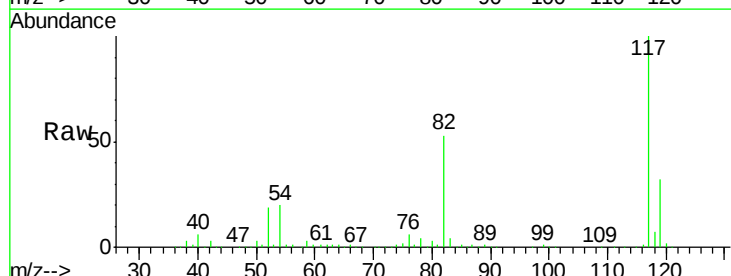
Instrument :
MSVOA_X
ClientSampleId :
ST008MW146-180501

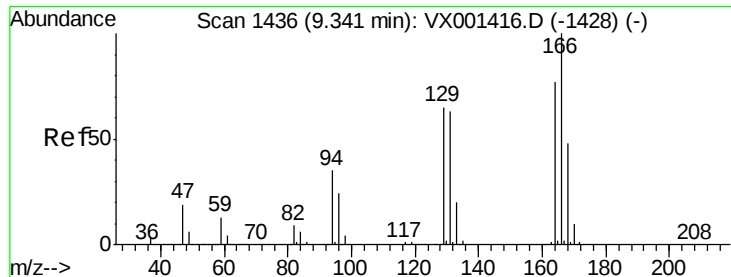
Tot Ion: 95 Resp: 181659
Ion Ratio Lower Upper
95 100
174 101.8 0.0 202.0
176 98.4 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001642.D
Acq: 11 May 2018 16:34

Tgt Ion: 117 Resp: 287539
Ion Ratio Lower Upper
117 100
82 52.7 40.0 60.0
119 31.9 25.8 38.8

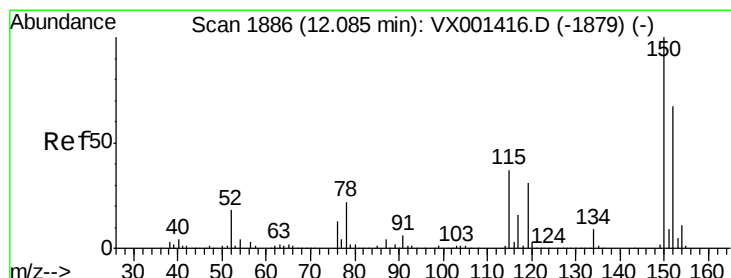
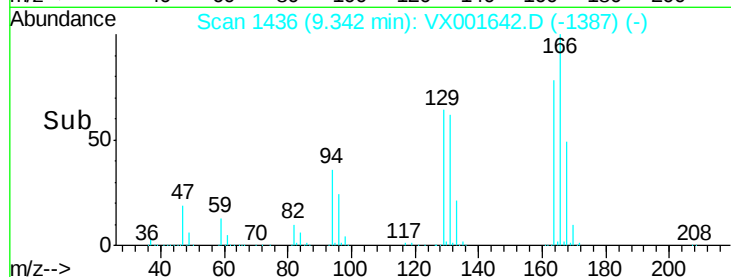
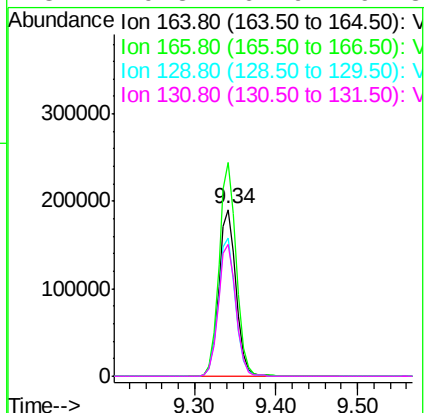
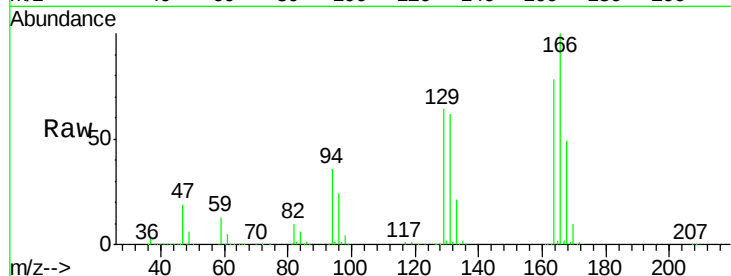




#64
Tetrachloroethene
Concen: 70.19 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001642.D
Acq: 11 May 2018 16:34

Instrument :
MSVOA_X
ClientSampleId :
ST008MW146-180501

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.3	103.5	155.3
129	82.7	66.7	100.1
131	79.3	64.9	97.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001642.D
Acq: 11 May 2018 16:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.3	37.7	113.1
150	154.6	0.0	349.4

