

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031119\
 Data File : VX007983.D
 Acq On : 11 Mar 2019 21:10
 Operator : JC/SP
 Sample : K1841-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20190308

Quant Time: Mar 12 10:32:49 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	5.67	168	260432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	405785	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	387355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186541	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	141112	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.72%	
35) Dibromofluoromethane	5.50	113	131173	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
50) Toluene-d8	8.71	98	494810	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
62) 4-Bromofluorobenzene	11.13	95	180963	54.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.28%	

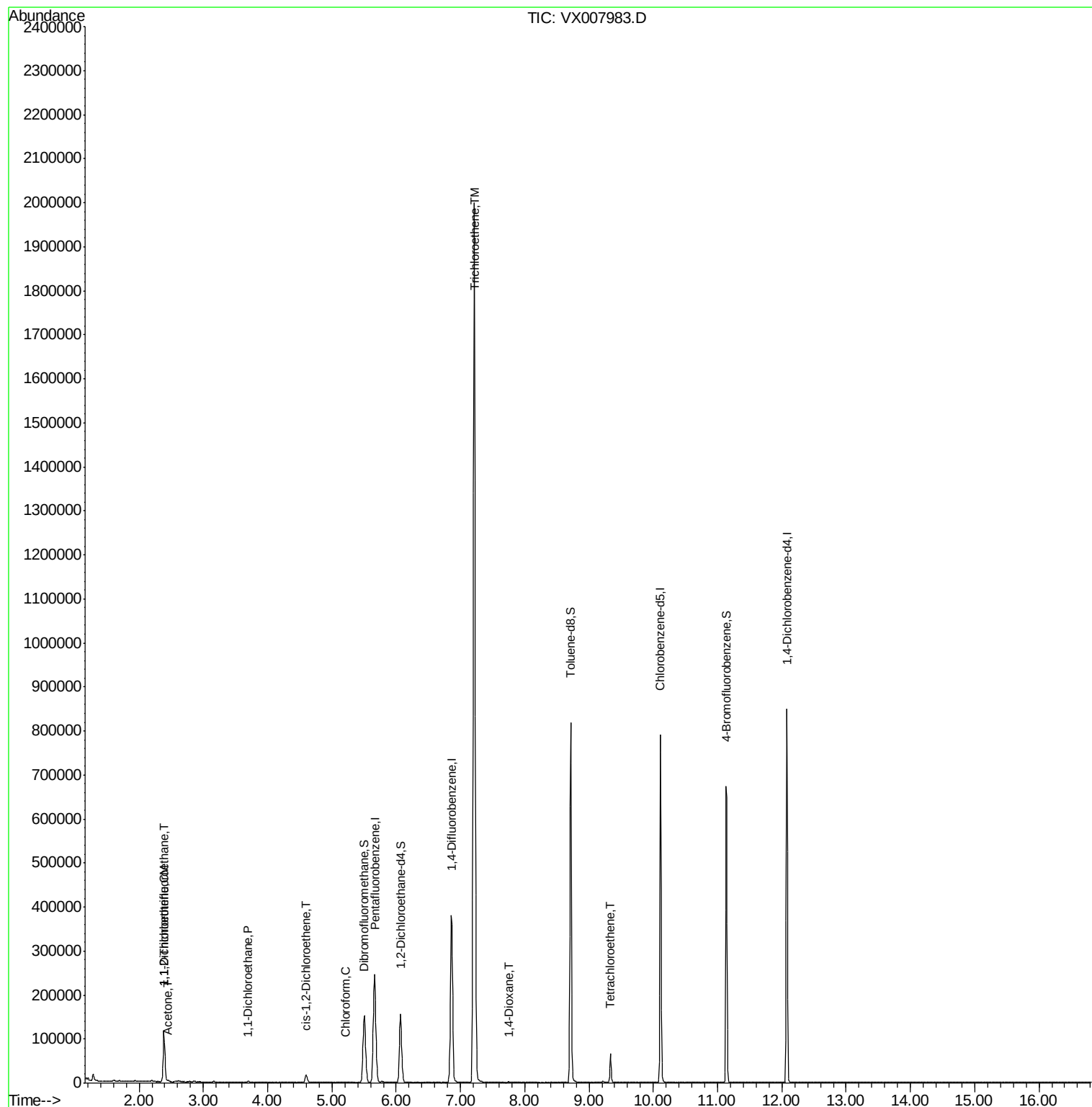
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.39	101	38511	16.753	ug/l	98
12) 1,1-Dichloroethene	2.38	96	11171	5.042	ug/l	93
16) Acetone	2.45	43	2806	1.765	ug/l	100
24) 1,1-Dichloroethane	3.70	63	3153	0.686	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	11167	4.003	ug/l	91
30) Chloroform	5.21	83	1827	0.421	ug/l	84
44) Trichloroethene	7.21	130	814674	270.254	ug/l	99
49) 1,4-Dioxane	7.76	88	1678	24.076	ug/l	96
64) Tetrachloroethene	9.34	164	14123	4.400	ug/l	95

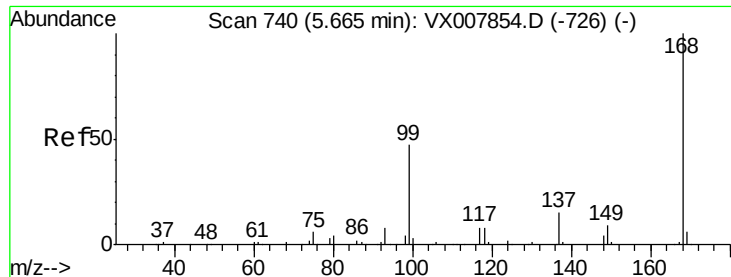
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX031119\
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QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007983.D

Acq: 11 Mar 2019 21:10

Instrument :

MSVOA_X

ClientSampleId :

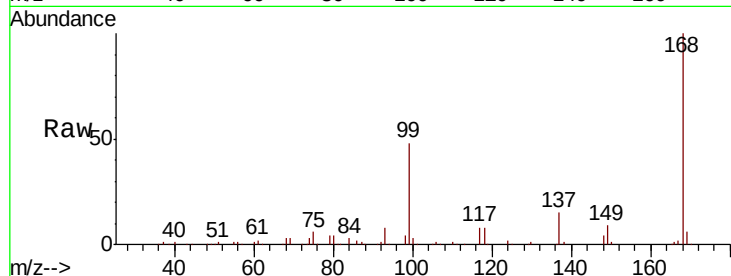
RE125D2-20190308

Tgt Ion:168 Resp: 260432

Ion Ratio Lower Upper

168 100

99 47.5 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

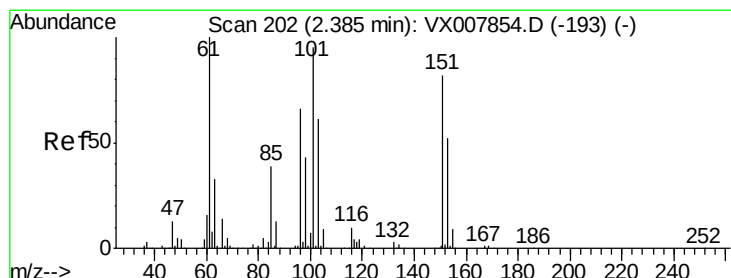
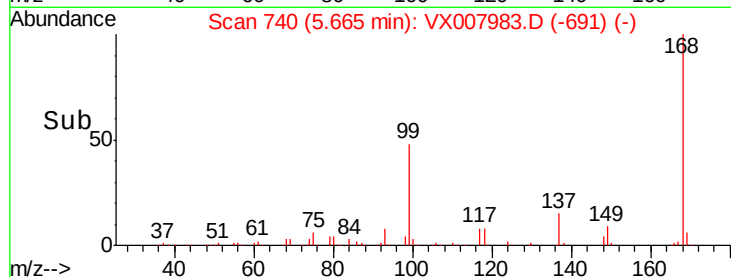
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.753 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007983.D

Acq: 11 Mar 2019 21:10

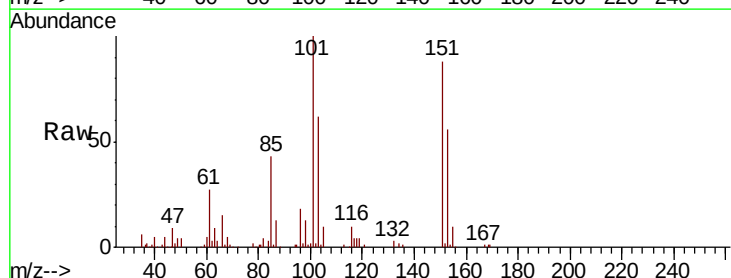
Tgt Ion:101 Resp: 38511

Ion Ratio Lower Upper

101 100

85 41.6 33.8 50.6

151 88.1 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

25000

20000

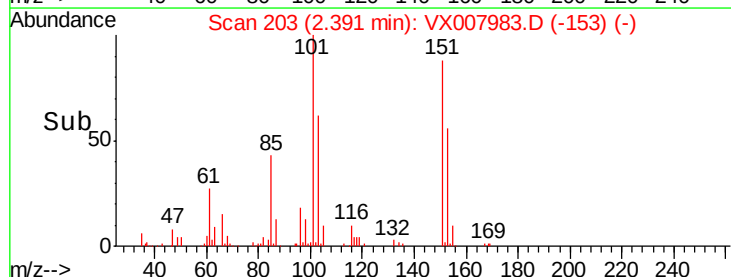
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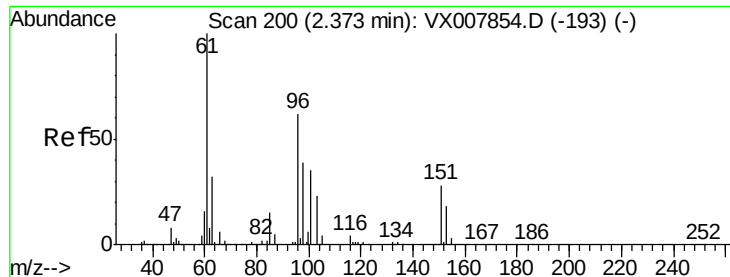
10000

5000

0

Time--> 2.30 2.35 2.40 2.45 2.50

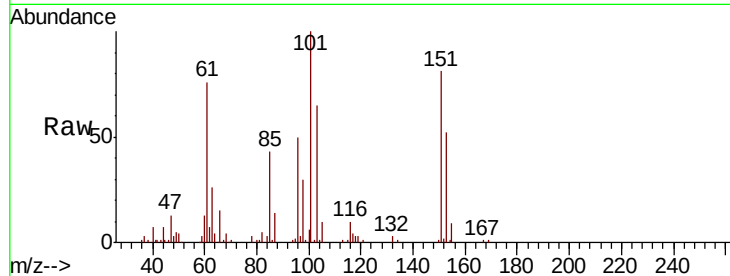




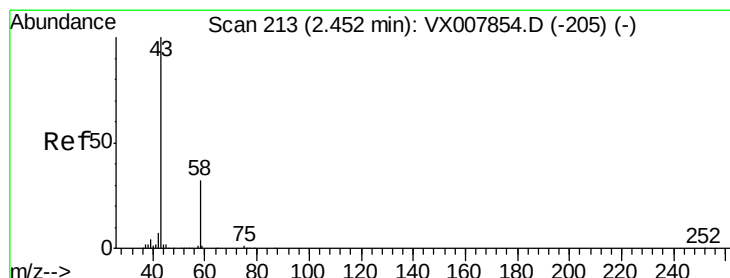
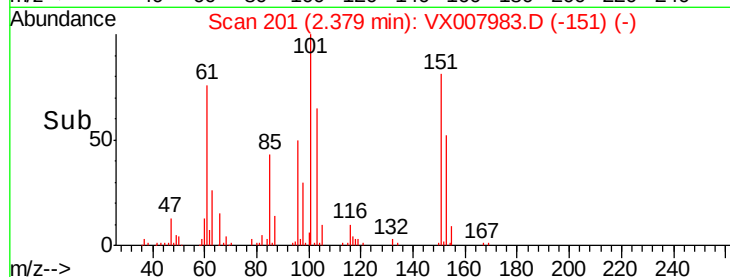
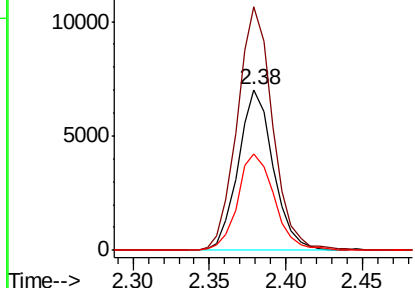
#12
 1,1-Dichloroethene
 Concen: 5.042 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX007983.D
 Acq: 11 Mar 2019 21:10

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20190308

Tgt Ion: 96 Resp: 11171
 Ion Ratio Lower Upper
 96 100
 61 151.2 129.8 194.6
 98 59.8 51.0 76.6

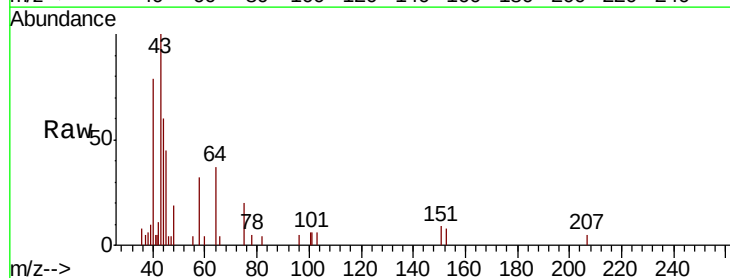


Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0

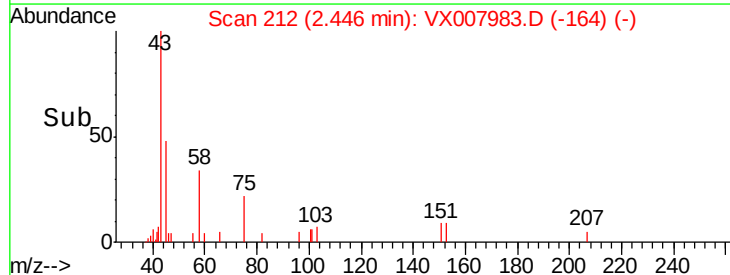
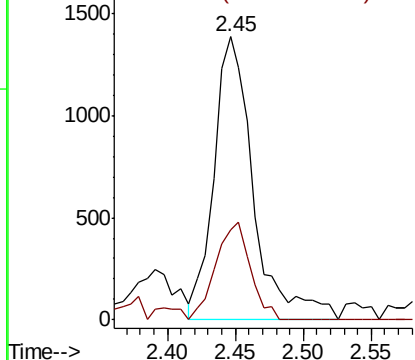


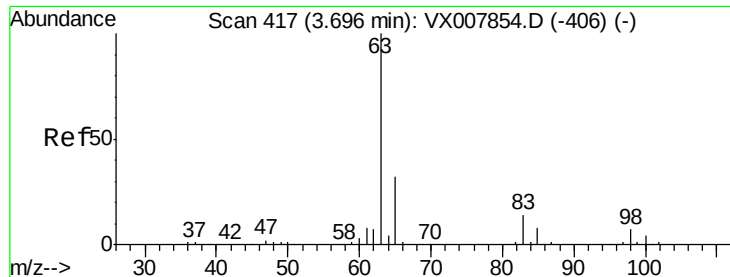
#16
 Acetone
 Concen: 1.765 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.01 min
 Lab File: VX007983.D
 Acq: 11 Mar 2019 21:10

Tgt Ion: 43 Resp: 2806
 Ion Ratio Lower Upper
 43 100
 58 32.0 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

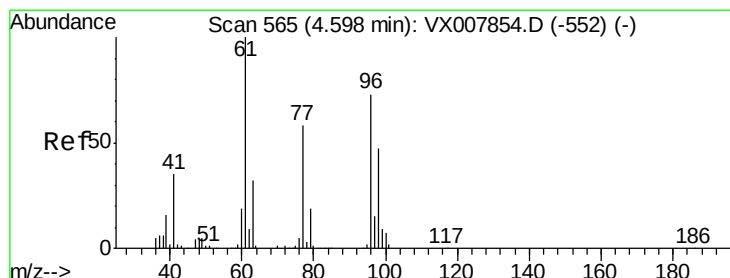
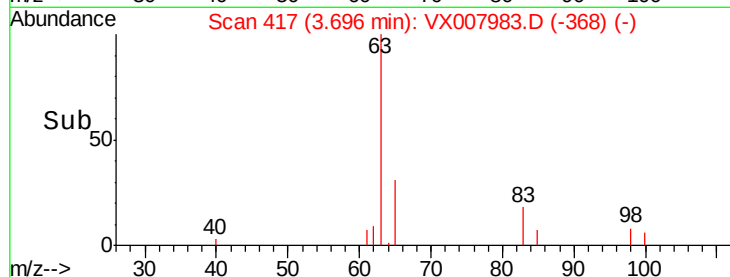
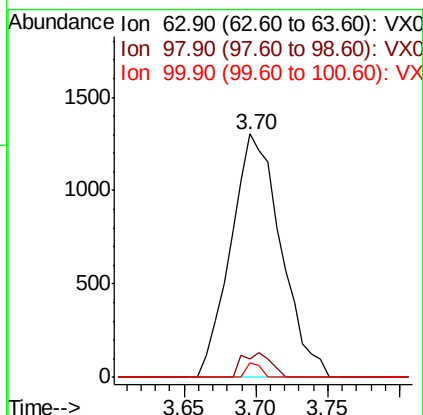
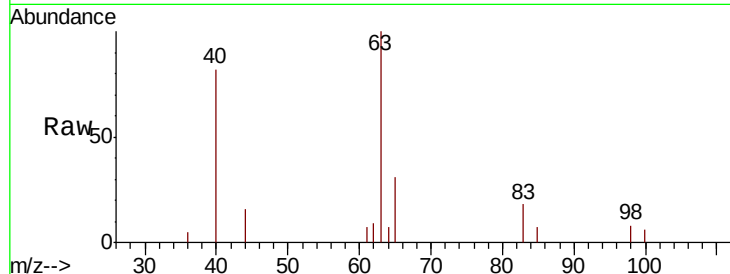




#24
 1,1-Dichloroethane
 Concen: 0.686 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX007983.D
 Acq: 11 Mar 2019 21:10

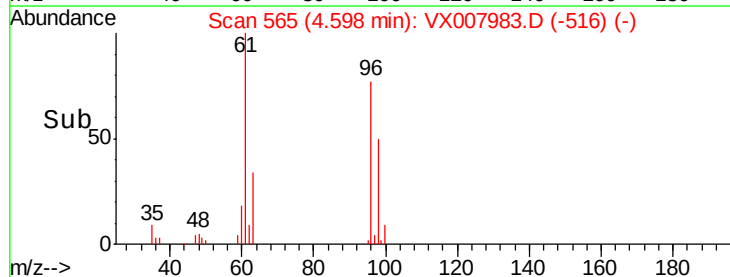
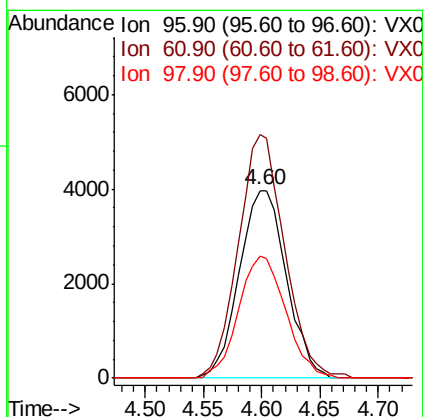
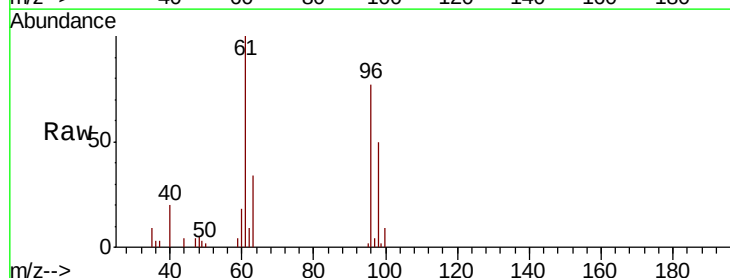
Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20190308

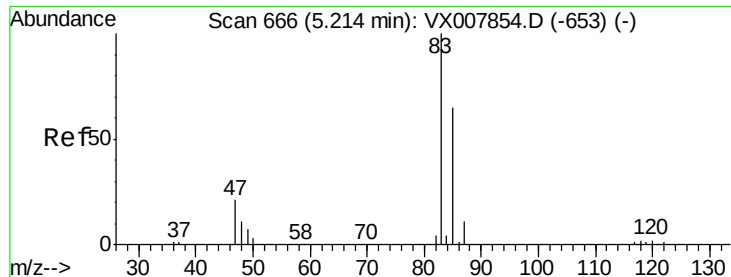
Tgt Ion: 63 Resp: 3153
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.3 9.8
 100 6.1 2.3 6.8



#27
 cis-1,2-Dichloroethene
 Concen: 4.003 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX007983.D
 Acq: 11 Mar 2019 21:10

Tgt Ion: 96 Resp: 11167
 Ion Ratio Lower Upper
 96 100
 61 127.9 0.0 288.0
 98 65.1 0.0 129.0

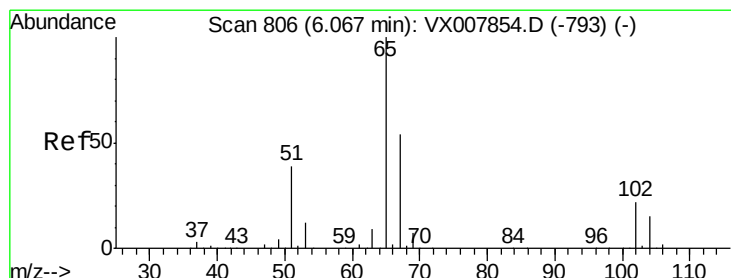
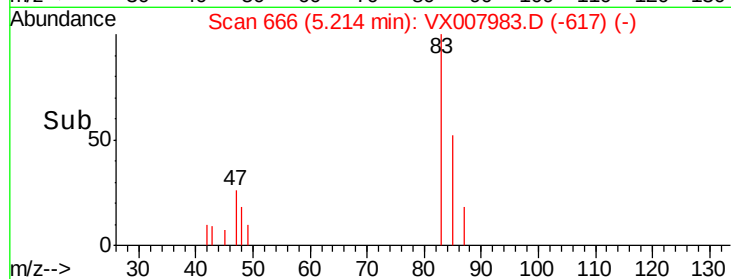
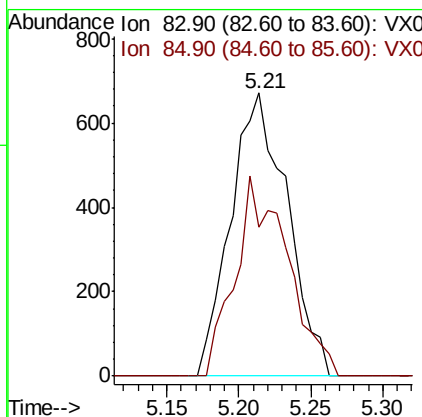
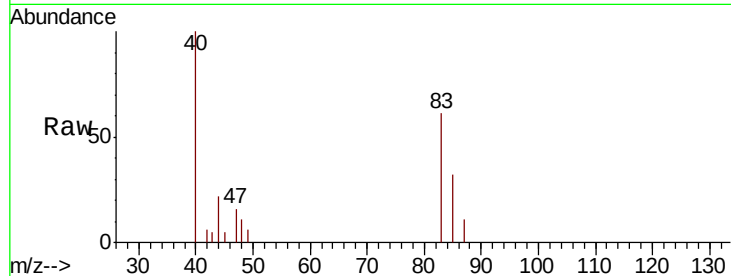




#30
Chloroform
Concen: 0.421 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007983.D
Acq: 11 Mar 2019 21:10

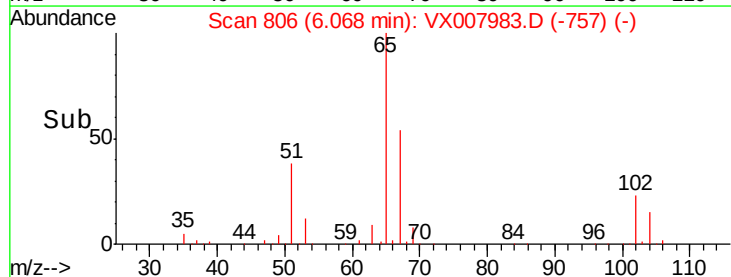
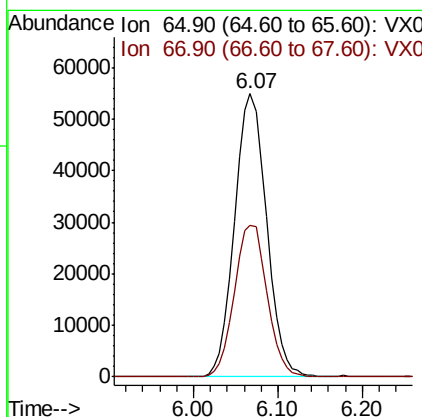
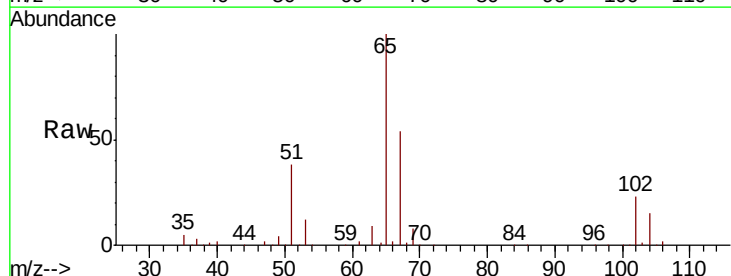
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20190308

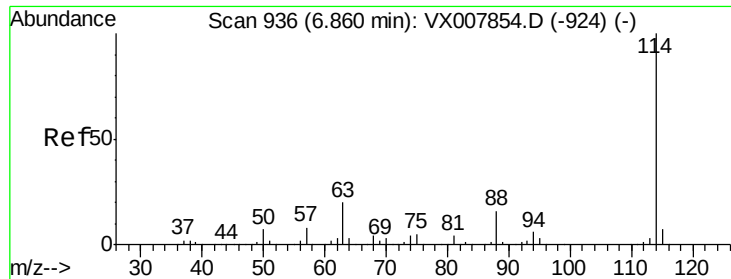
Tgt Ion: 83 Resp: 1827
Ion Ratio Lower Upper
83 100
85 52.5 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 51.364 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007983.D
Acq: 11 Mar 2019 21:10

Tgt Ion: 65 Resp: 141112
Ion Ratio Lower Upper
65 100
67 54.9 0.0 110.0

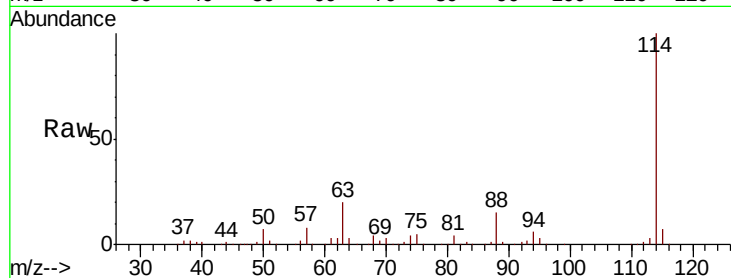




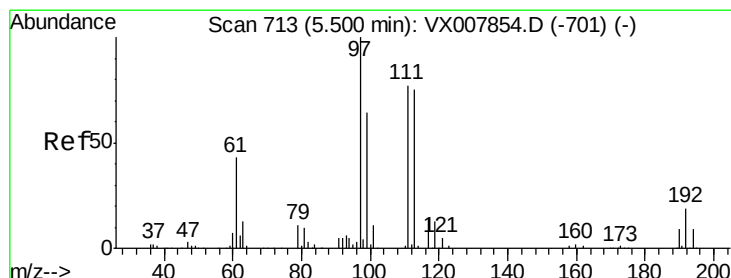
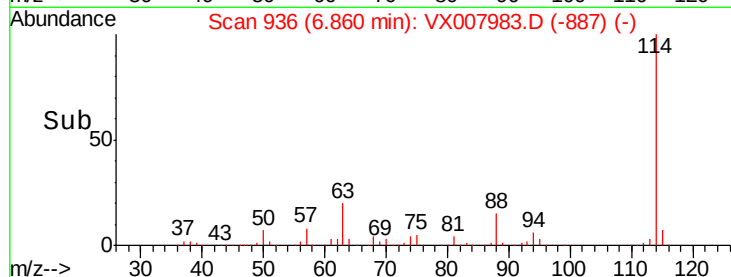
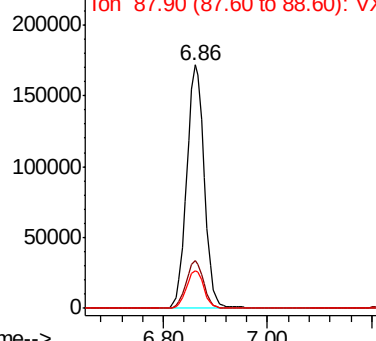
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007983.D
 Acq: 11 Mar 2019 21:10

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20190308

Tgt Ion:114 Resp: 405785
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.5 0.0 31.4

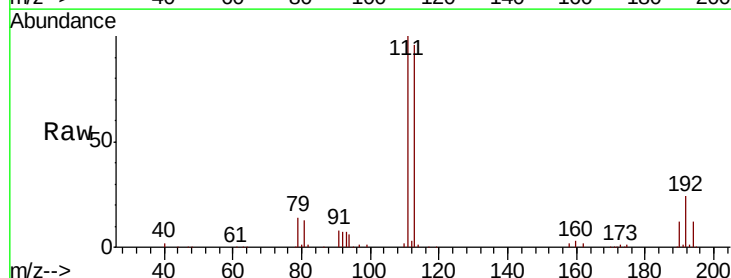


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

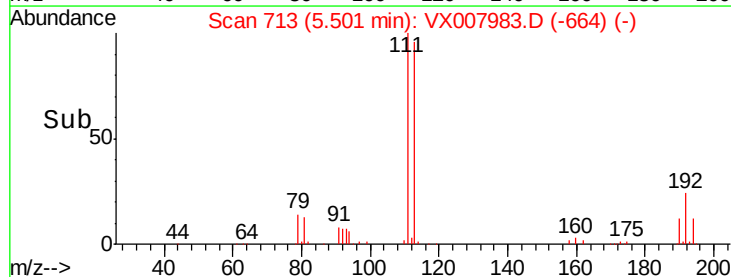
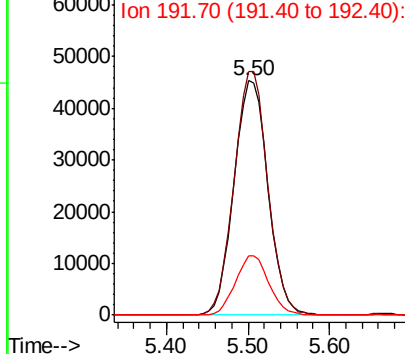


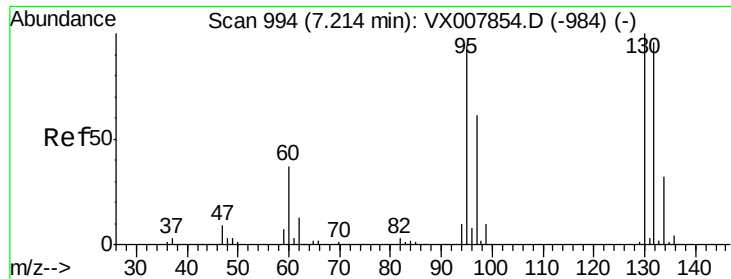
#35
 Dibromofluoromethane
 Concen: 50.535 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX007983.D
 Acq: 11 Mar 2019 21:10

Tgt Ion:113 Resp: 131173
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.4 122.0
 192 24.9 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: 270.254 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007983.D

Acq: 11 Mar 2019 21:10

Instrument :

MSVOA_X

ClientSampleId :

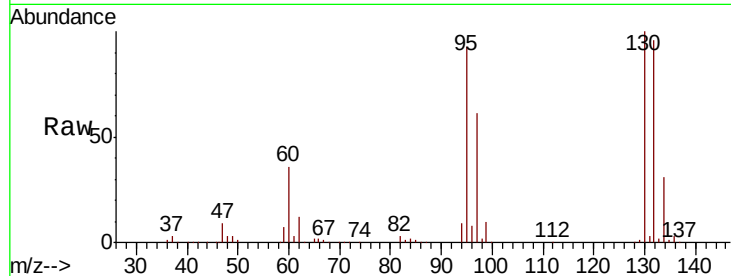
RE125D2-20190308

Tgt Ion:130 Resp: 814674

Ion Ratio Lower Upper

130 100

95 93.1 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

400000

300000

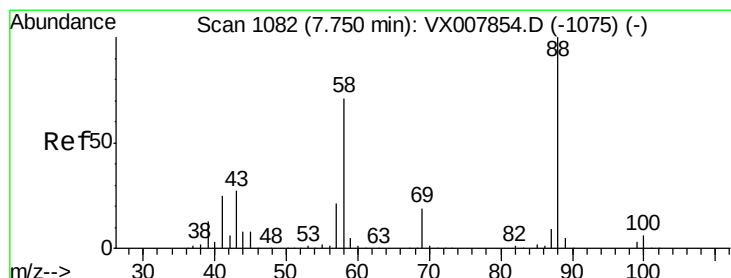
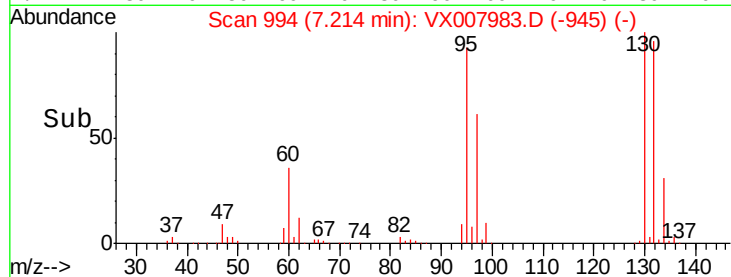
200000

100000

0

7.00 7.20 7.40

Time-->



#49

1,4-Dioxane

Concen: 24.076 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX007983.D

Acq: 11 Mar 2019 21:10

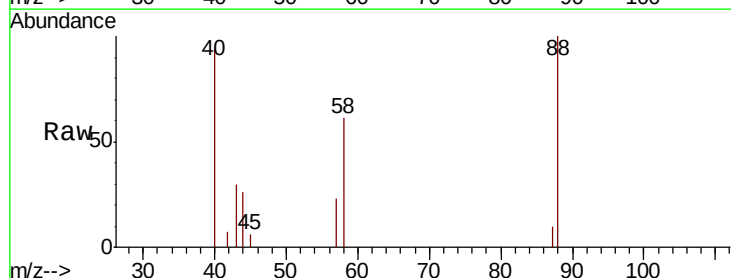
Tgt Ion: 88 Resp: 1678

Ion Ratio Lower Upper

88 100

43 35.7 25.1 37.7

58 70.1 57.8 86.6



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

1200

1000

800

600

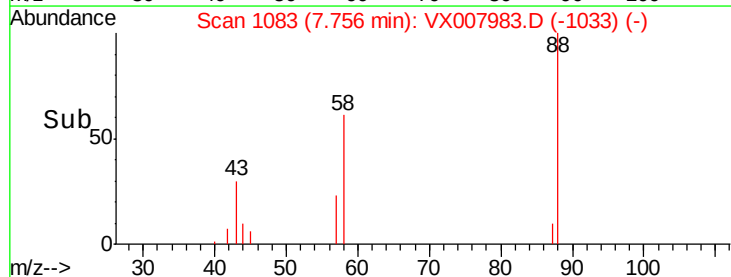
400

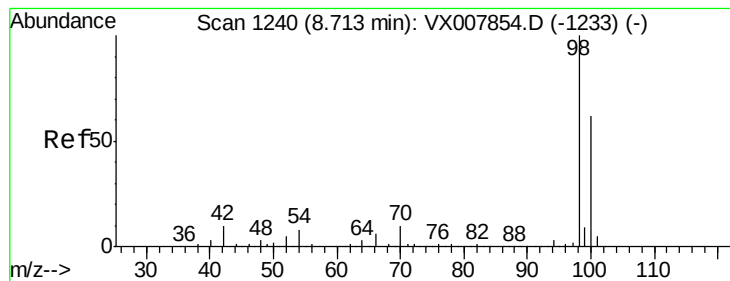
200

0

7.70 7.75 7.80

Time-->





#50

Toluene-d8

Concen: 51.906 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007983.D

Acq: 11 Mar 2019 21:10

Instrument :

MSVOA_X

ClientSampleId :

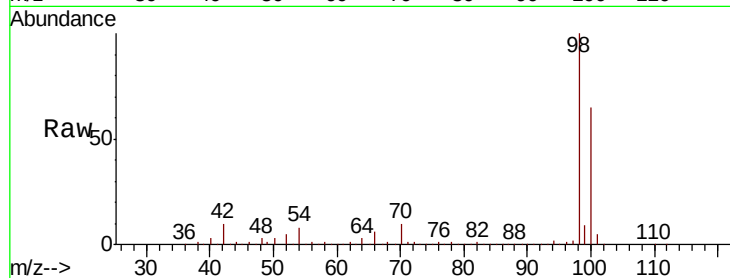
RE125D2-20190308

Tgt Ion: 98 Resp: 494810

Ion Ratio Lower Upper

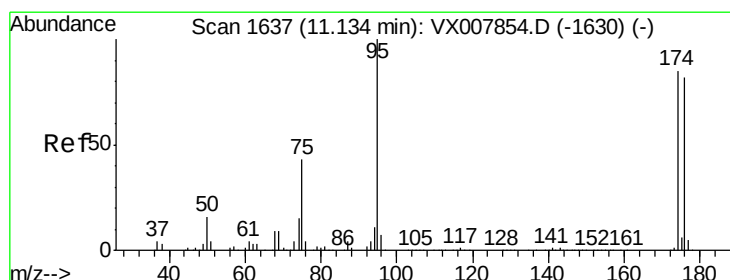
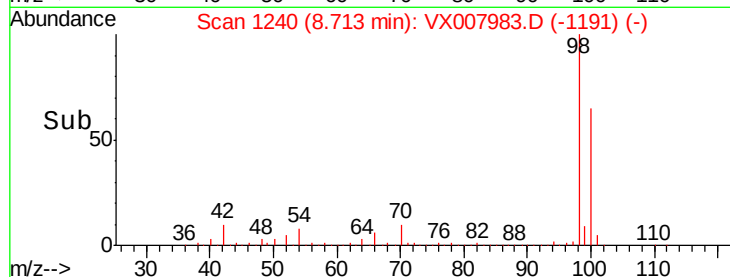
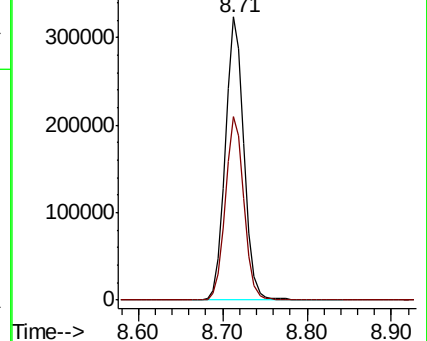
98 100

100 65.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 54.145 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007983.D

Acq: 11 Mar 2019 21:10

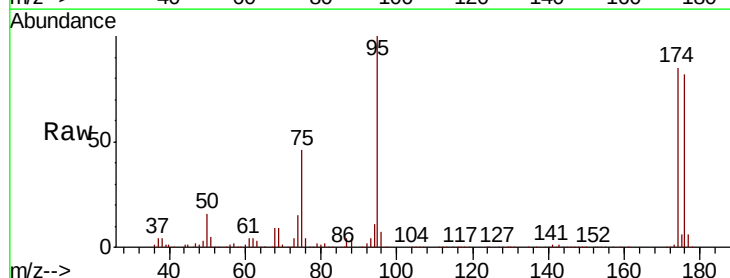
Tgt Ion: 95 Resp: 180963

Ion Ratio Lower Upper

95 100

174 92.8 0.0 182.8

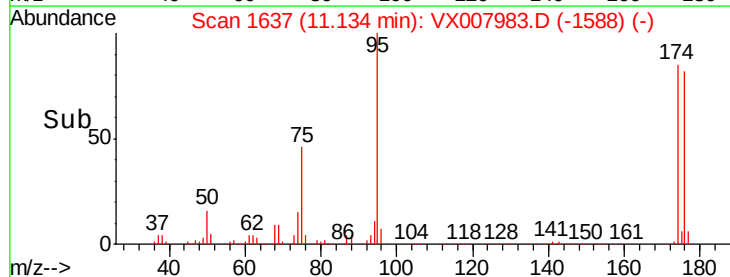
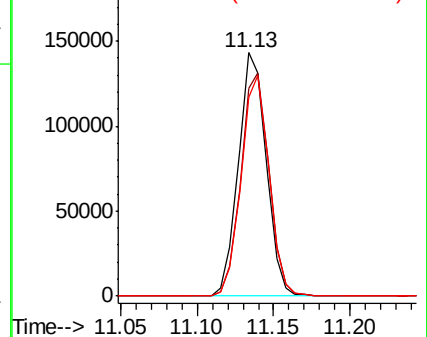
176 90.4 0.0 178.0

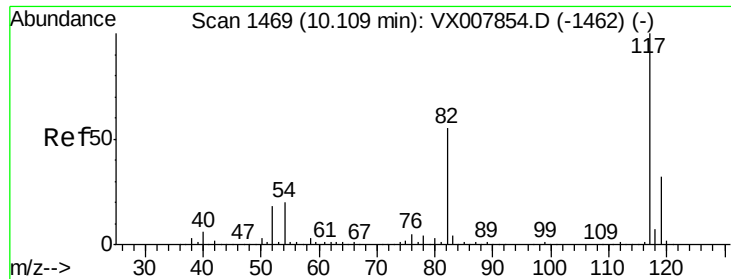


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

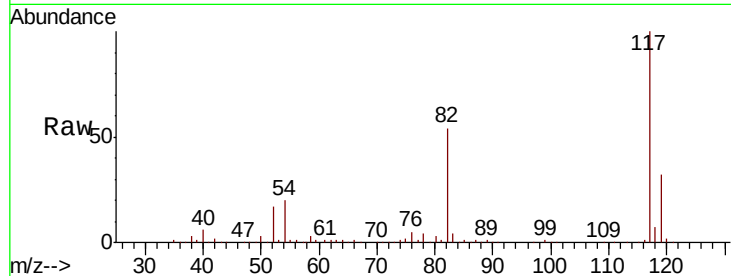




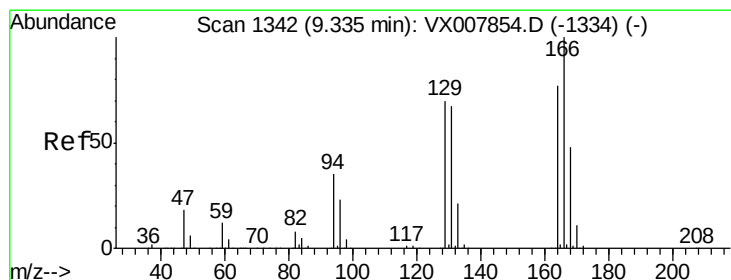
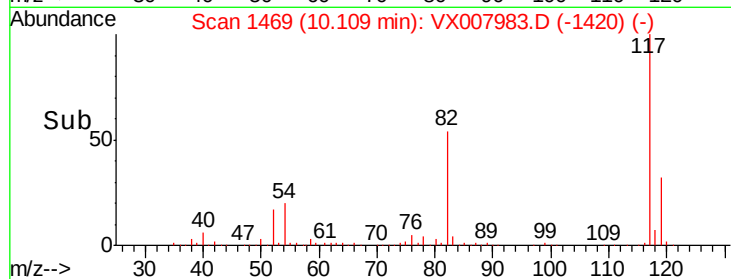
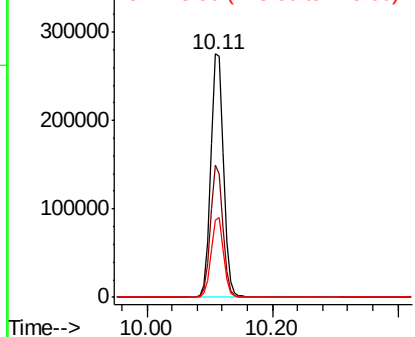
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007983.D
Acq: 11 Mar 2019 21:10

Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20190308

Tgt Ion:117 Resp: 387355
Ion Ratio Lower Upper
117 100
82 54.2 44.3 66.5
119 31.8 25.3 37.9



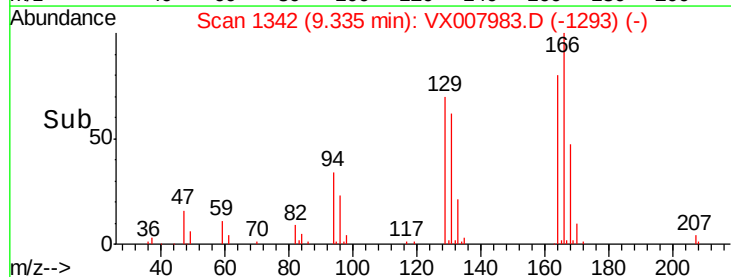
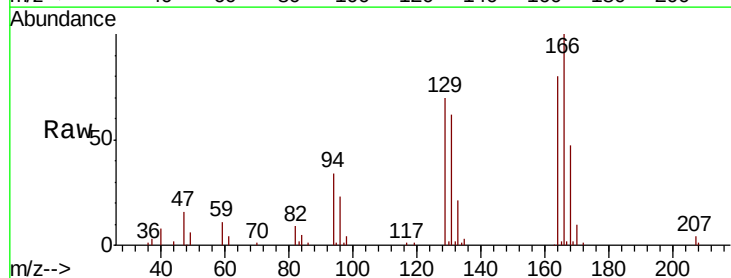
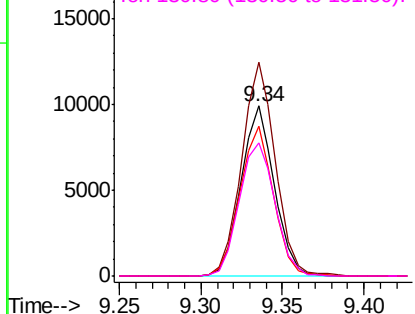
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

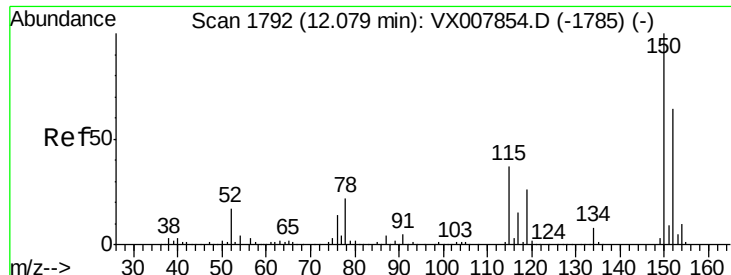


#64
Tetrachloroethene
Concen: 4.400 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007983.D
Acq: 11 Mar 2019 21:10

Tgt Ion:164 Resp: 14123
Ion Ratio Lower Upper
164 100
166 125.5 103.4 155.0
129 87.9 72.2 108.4
131 77.9 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: VX007983.D
 Acq: 11 Mar 2019 21:10

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20190308

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	38.6	115.7
150	157.2	0.0	348.4

