

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\
 Data File : VX008199.D
 Acq On : 19 Mar 2019 18:55
 Operator : JC/SP
 Sample : K1860-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-20190311

Quant Time: Mar 20 08:05:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	344021	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	555531	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	467108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	183029	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	239120	46.15	ug/l	0.00
Spiked Amount			Recovery	=	92.30%	
35) Dibromofluoromethane	5.50	113	175784	47.27	ug/l	0.00
Spiked Amount			Recovery	=	94.54%	
50) Toluene-d8	8.71	98	683336	48.46	ug/l	0.00
Spiked Amount			Recovery	=	96.92%	
62) 4-Bromofluorobenzene	11.13	95	216330	44.56	ug/l	0.00
Spiked Amount			Recovery	=	89.12%	

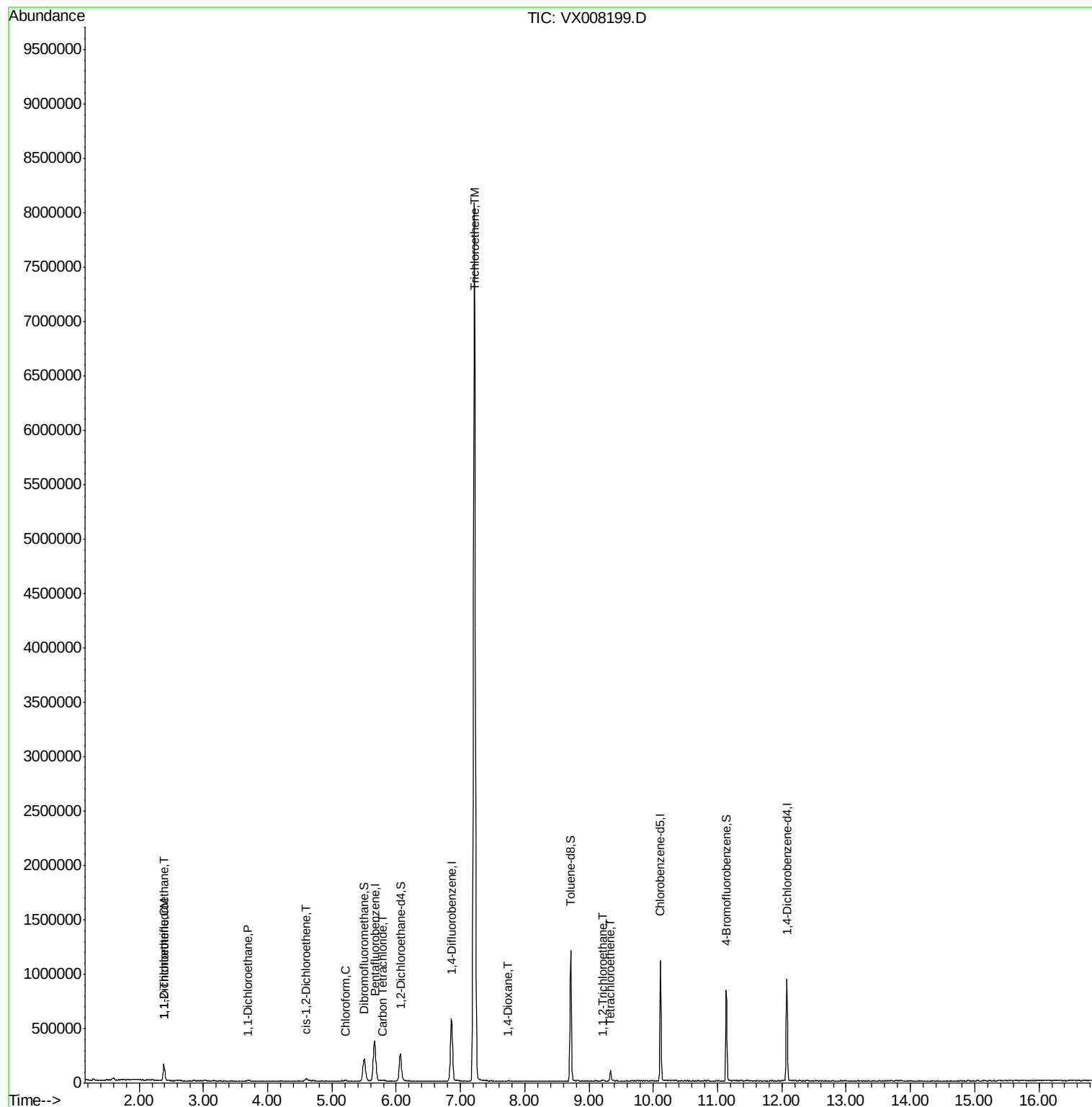
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.39	101	54444	12.314	ug/l	91
12) 1,1-Dichloroethene	2.38	96	12783	3.062	ug/l	90
24) 1,1-Dichloroethane	3.70	63	6886	0.752	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	12988	2.527	ug/l	97
30) Chloroform	5.22	83	3927	0.459	ug/l	88
38) Carbon Tetrachloride	5.79	117	3030	0.526	ug/l	96
44) Trichloroethene	7.22	130	2970066	634.524	ug/l	90
49) 1,4-Dioxane	7.75	88	2208	19.202	ug/l #	91
55) 1,1,2-Trichloroethane	9.21	97	2109	0.460	ug/l	93
64) Tetrachloroethene	9.34	164	18563	4.405	ug/l	97

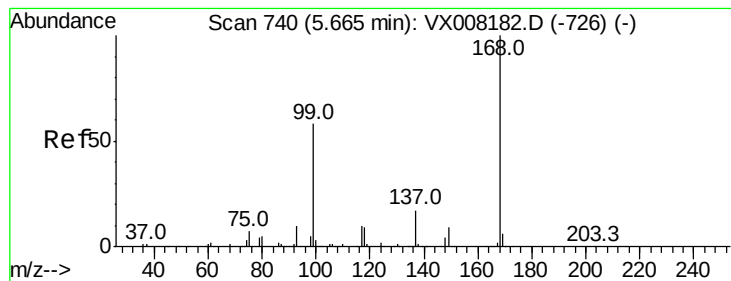
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 20 06:51:58 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: VX008199.D

Acq: 19 Mar 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

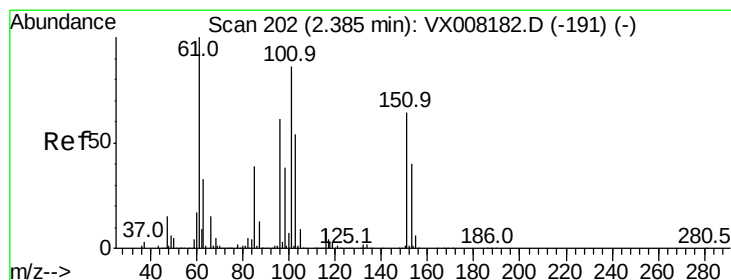
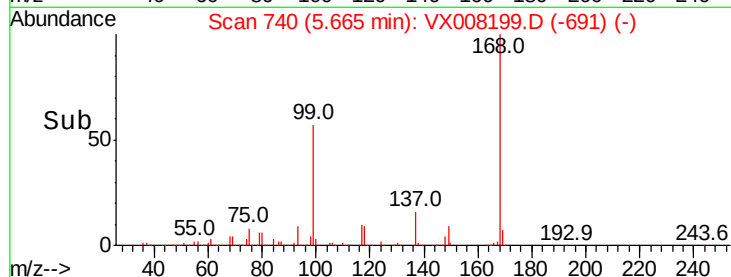
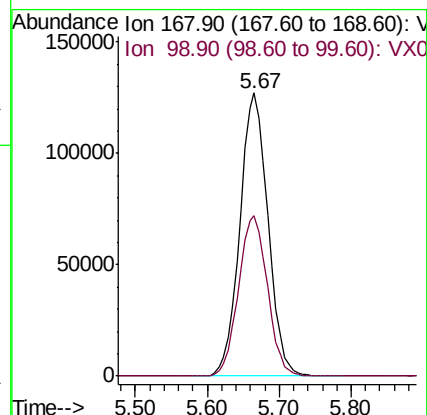
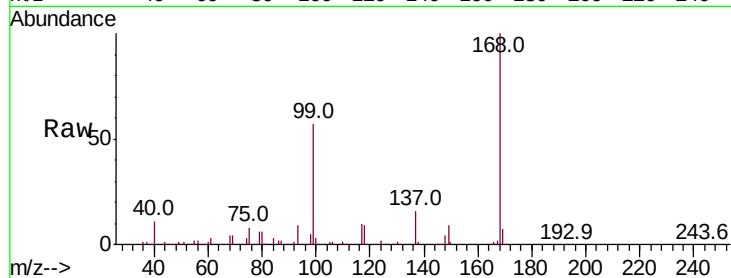
RE120D2-20190311

Tot Ion:168 Resp: 344021

Ion Ratio Lower Upper

168 100

99 56.7 37.6 56.4#



#9

1,1,2-Trichlorotrifluoroethane

Concen: 12.314 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX008199.D

Acq: 19 Mar 2019 18:55

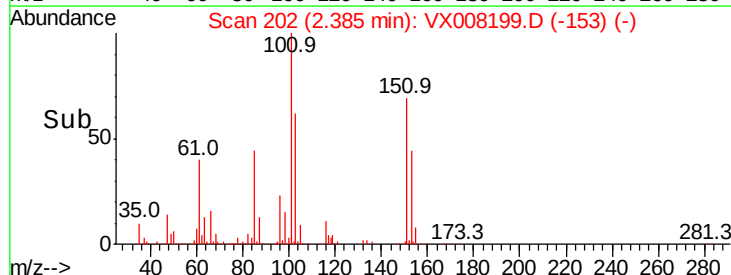
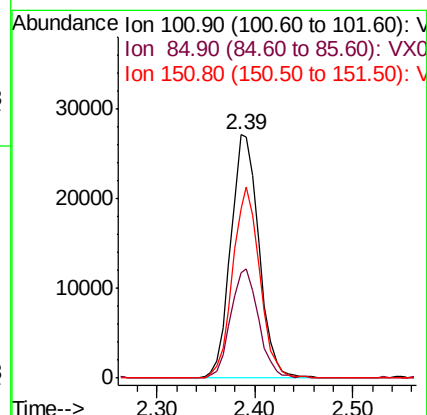
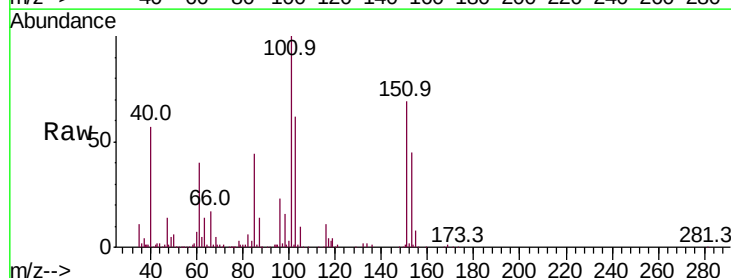
Tgt Ion:101 Resp: 54444

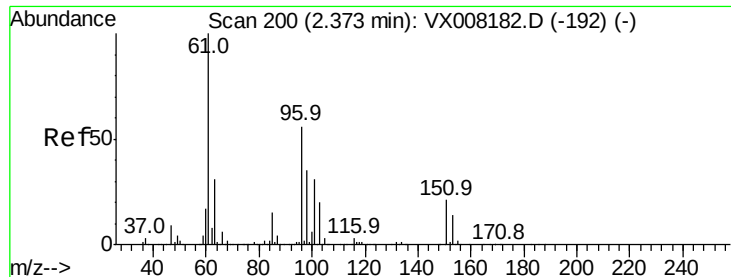
Ion Ratio Lower Upper

101 100

85 44.6 33.8 50.6

151 75.5 69.1 103.7

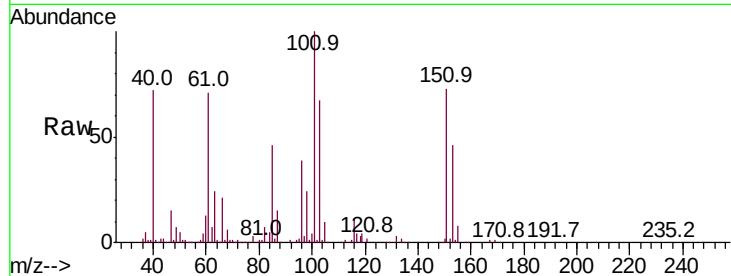




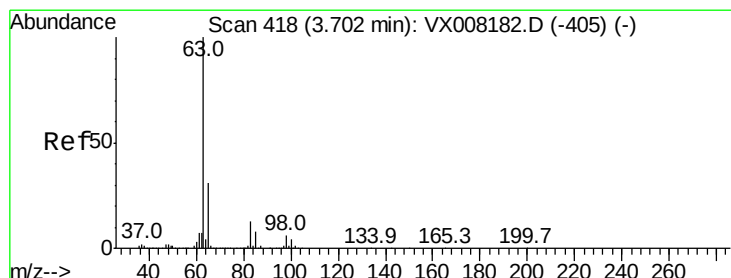
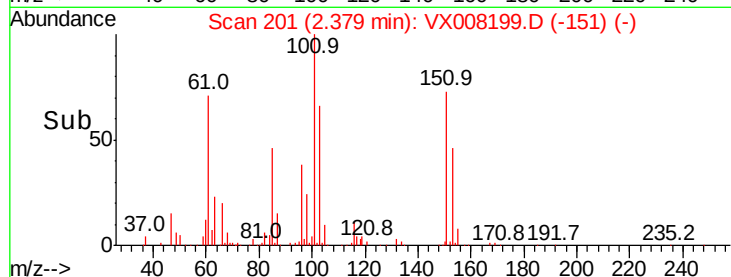
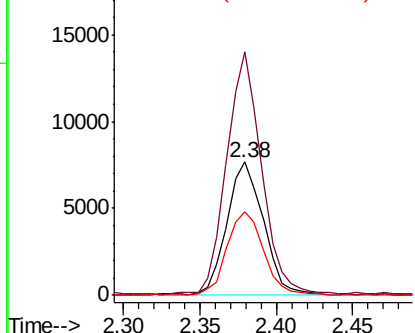
#12
 1,1-Dichloroethene
 Concen: 3.062 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX008199.D
 Acq: 19 Mar 2019 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-20190311

Tot Ion: 96 Resp: 12783
 Ion Ratio Lower Upper
 96 100
 61 180.7 129.8 194.6
 98 62.6 51.0 76.6

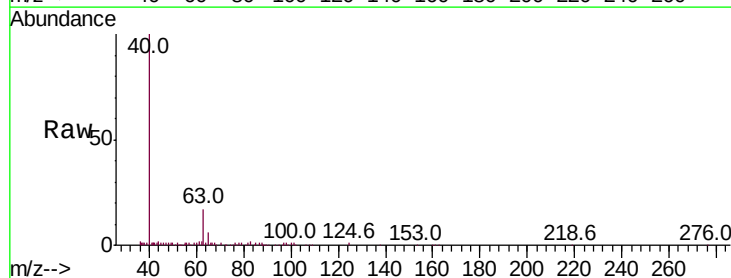


Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0

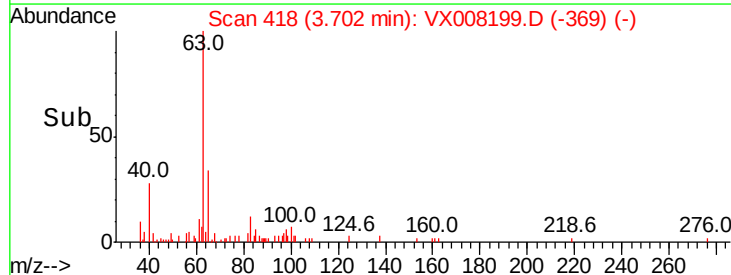
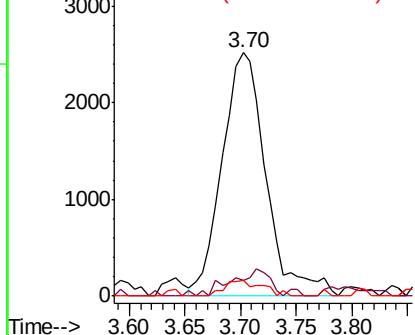


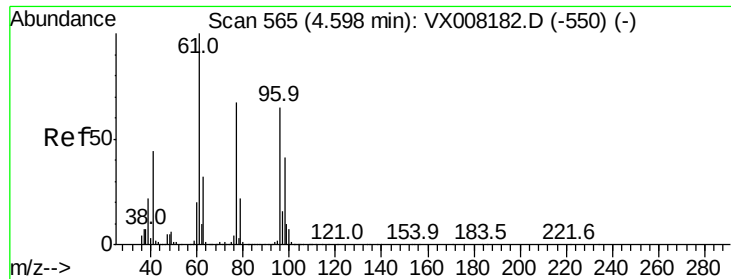
#24
 1,1-Dichloroethane
 Concen: 0.752 ug/l
 RT: 3.70 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: VX008199.D
 Acq: 19 Mar 2019 18:55

Tgt Ion: 63 Resp: 6886
 Ion Ratio Lower Upper
 63 100
 98 3.9 3.3 9.8
 100 6.6 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0
 Ion 99.90 (99.60 to 100.60): VX0



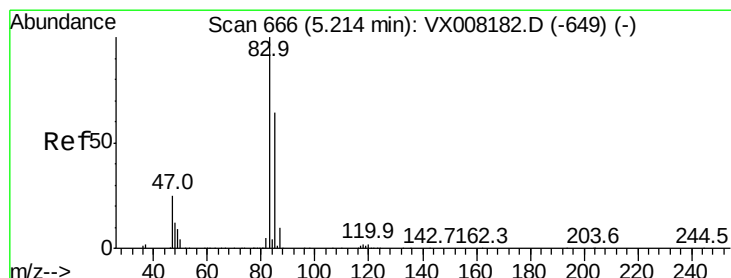
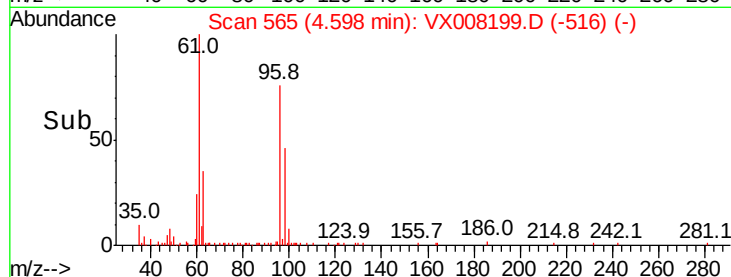
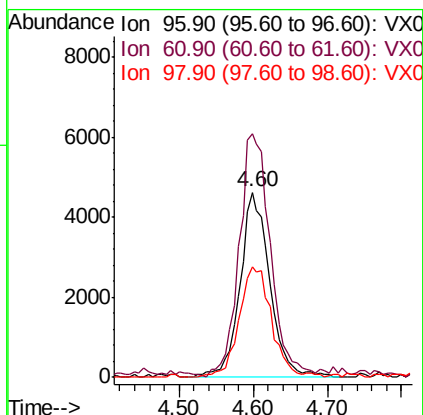
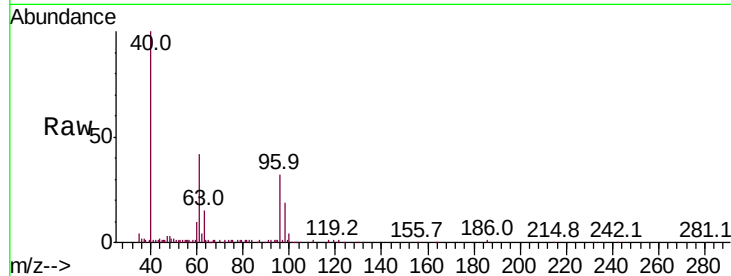


#27

cis-1,2-Dichloroethene
Concen: 2.527 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX008199.D
Acq: 19 Mar 2019 18:55

Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20190311

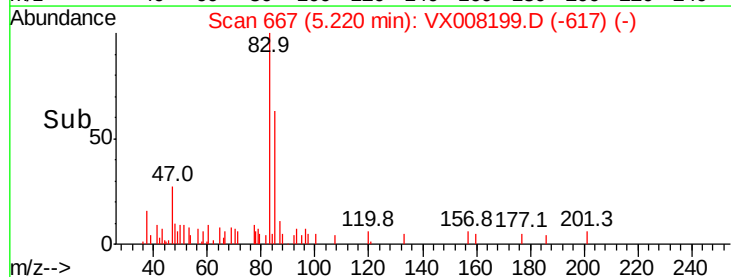
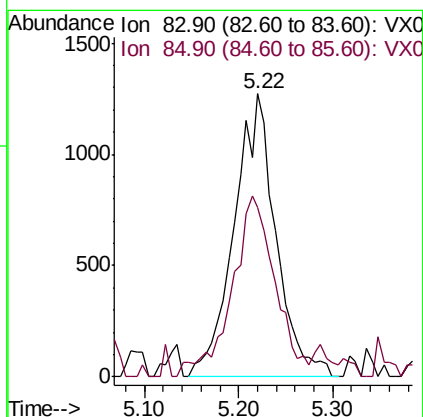
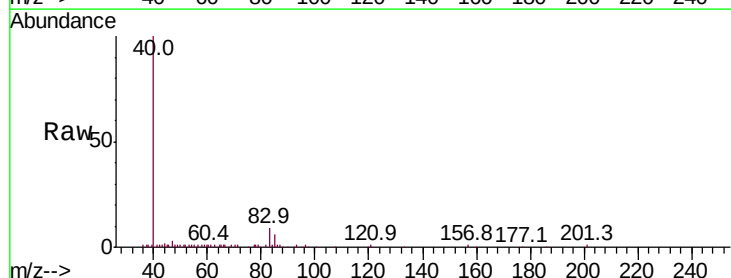
Tot Ion: 96 Resp: 12988
Ion Ratio Lower Upper
96 100
61 138.7 0.0 288.0
98 64.2 0.0 129.0

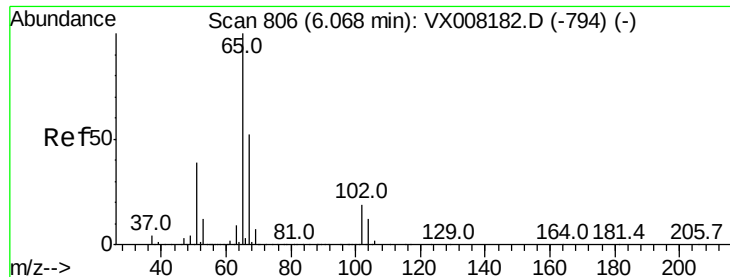


#30

Chloroform
Concen: 0.459 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX008199.D
Acq: 19 Mar 2019 18:55

Tgt Ion: 83 Resp: 3927
Ion Ratio Lower Upper
83 100
85 55.6 51.8 77.6

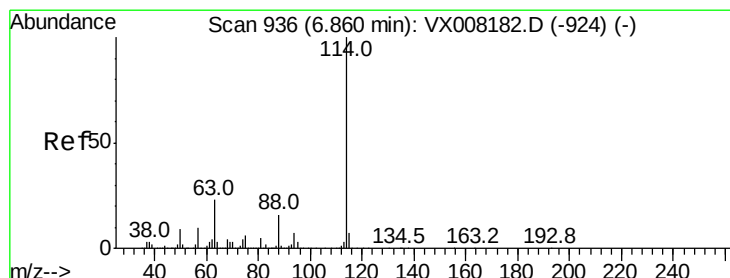
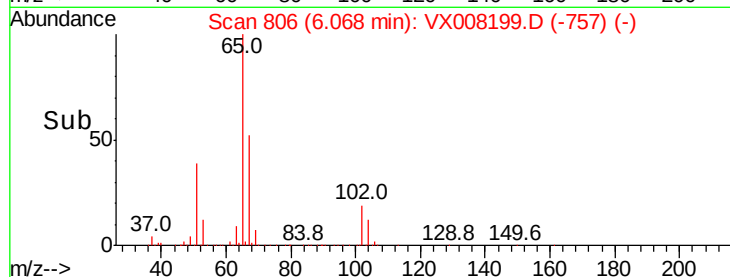
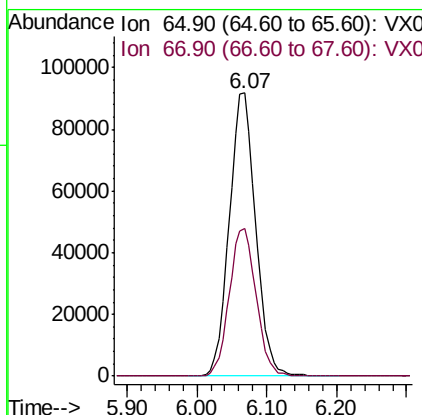
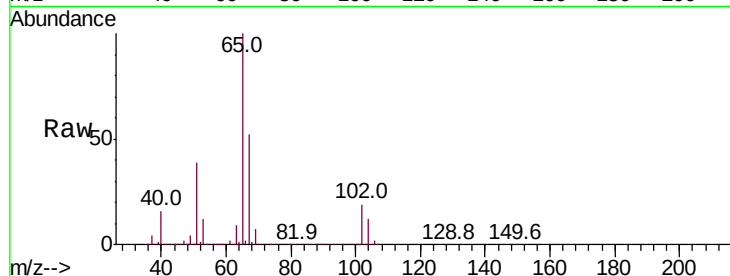




#33
 1,2-Dichloroethane-d4
 Concen: 46.151 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX008199.D
 Acq: 19 Mar 2019 18:55

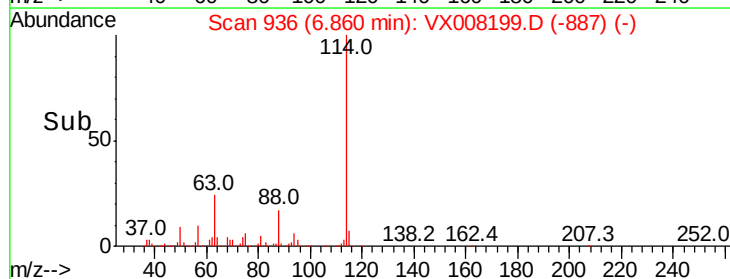
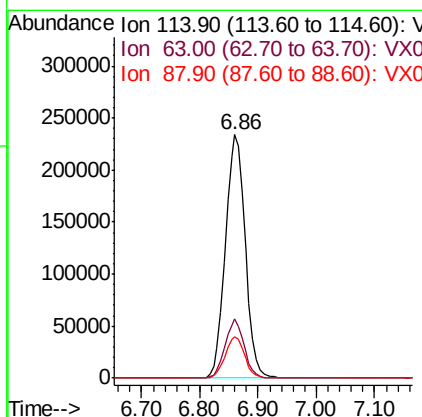
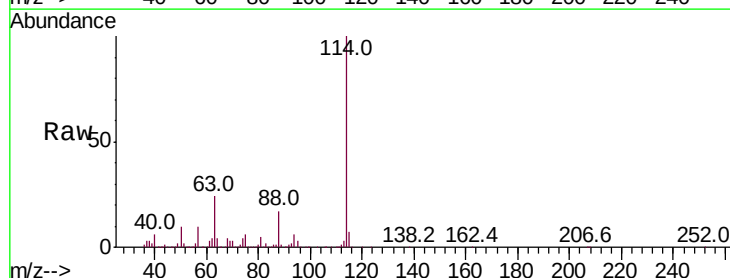
Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-20190311

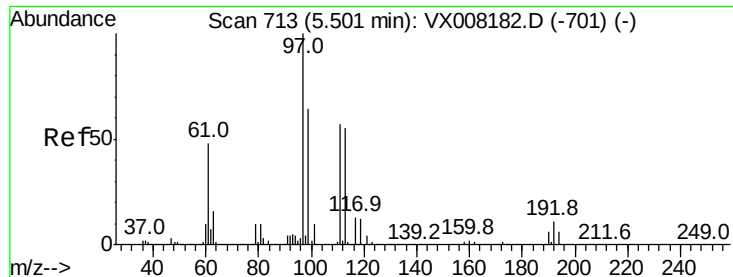
Tot Ion: 65 Resp: 239120
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008199.D
 Acq: 19 Mar 2019 18:55

Tgt Ion: 114 Resp: 555531
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 39.8
 88 17.1 0.0 31.4

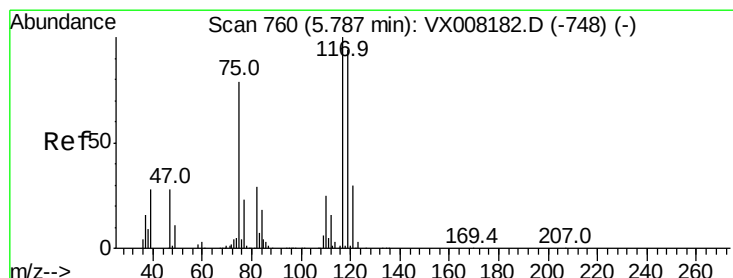
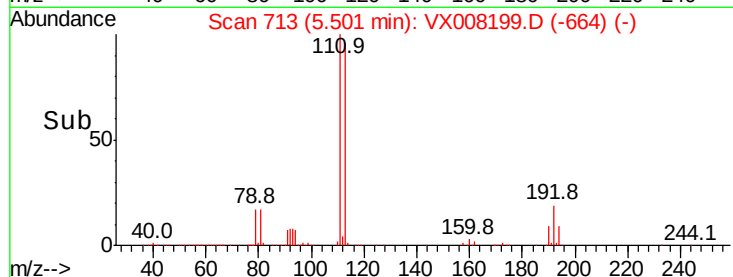
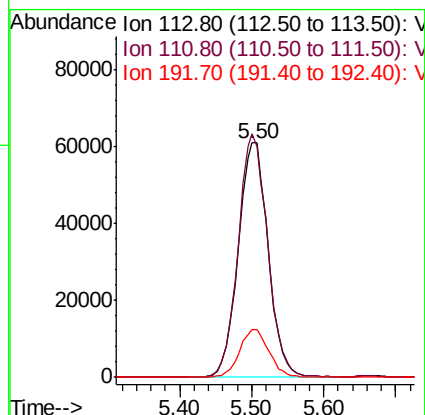
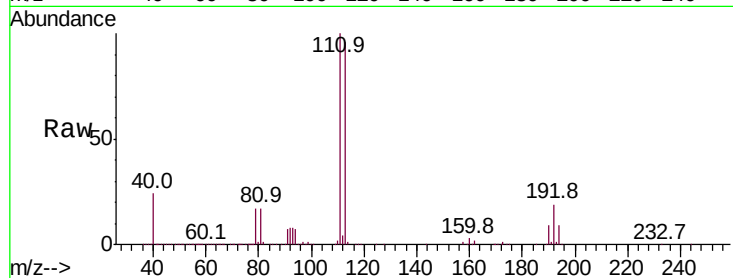




#35
 Dibromofluoromethane
 Concen: 47.268 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX008199.D
 Acq: 19 Mar 2019 18:55

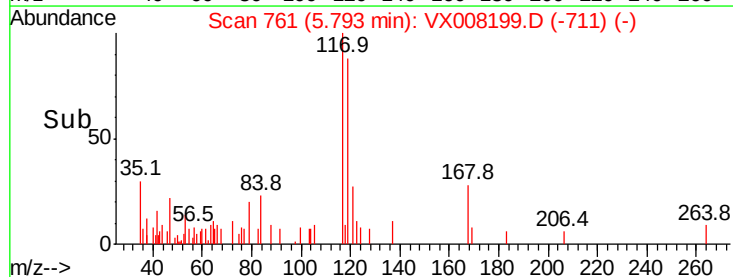
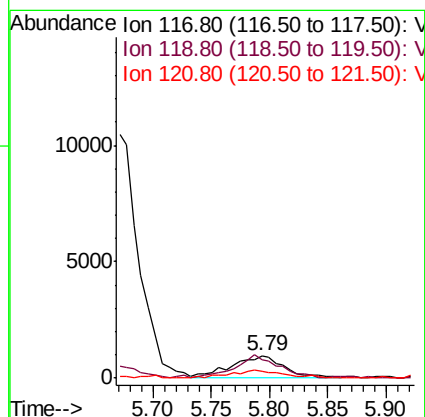
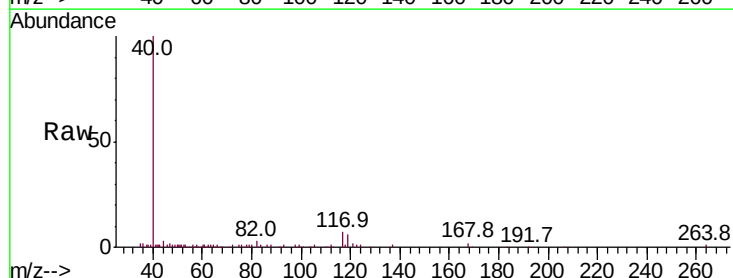
Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-20190311

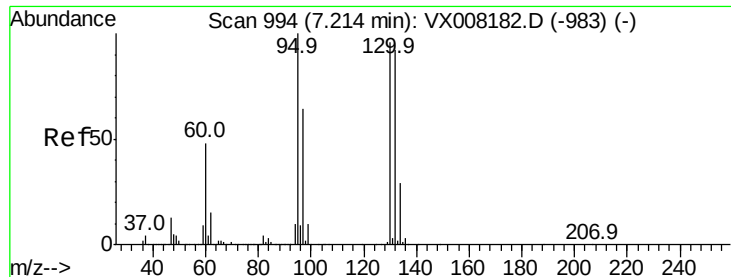
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.4	122.0
192	20.1	19.4	29.0



#38
 Carbon Tetrachloride
 Concen: 0.526 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. 0.01 min
 Lab File: VX008199.D
 Acq: 19 Mar 2019 18:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.3	76.2	114.2
121	31.2	24.6	36.8





#44

Trichloroethene

Concen: 634.524 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX008199.D

Acq: 19 Mar 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

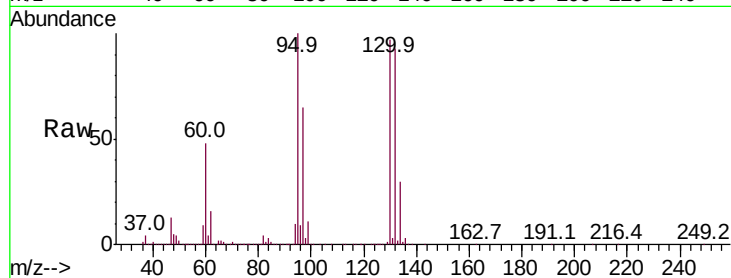
RE120D2-20190311

Tot Ion:130 Resp: 2970066

Ion Ratio Lower Upper

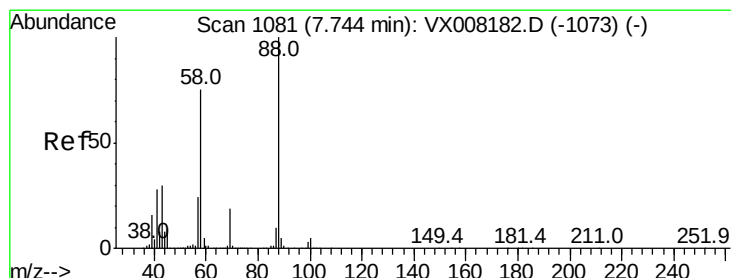
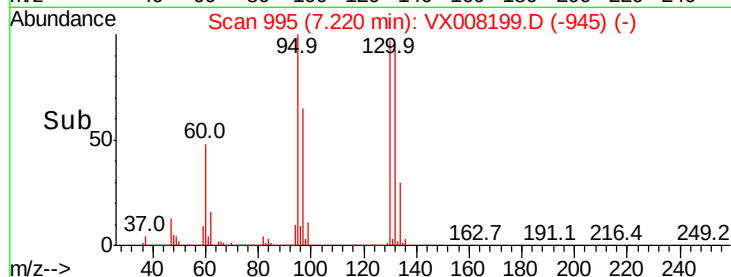
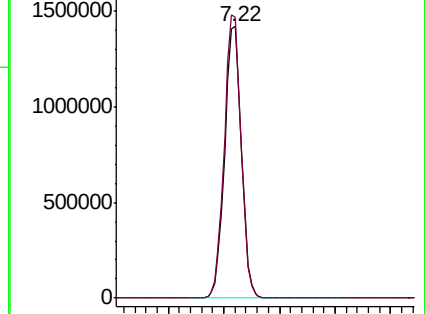
130 100

95 103.6 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 19.202 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.01 min

Lab File: VX008199.D

Acq: 19 Mar 2019 18:55

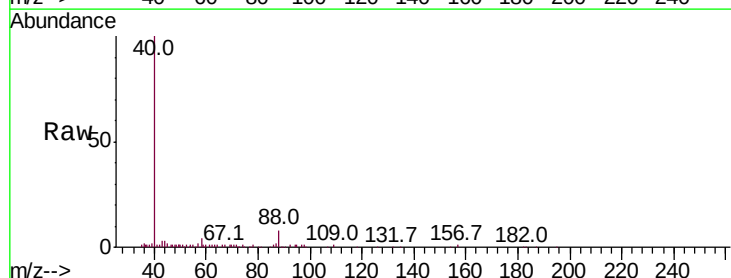
Tgt Ion: 88 Resp: 2208

Ion Ratio Lower Upper

88 100

43 38.4 25.1 37.7#

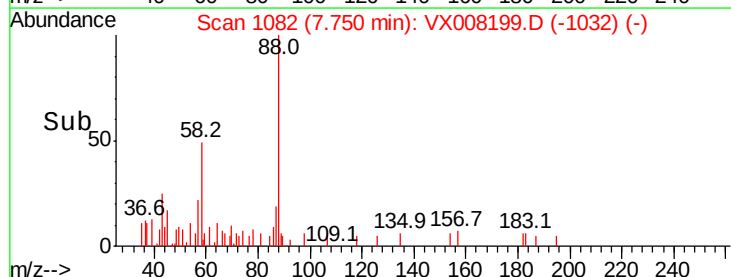
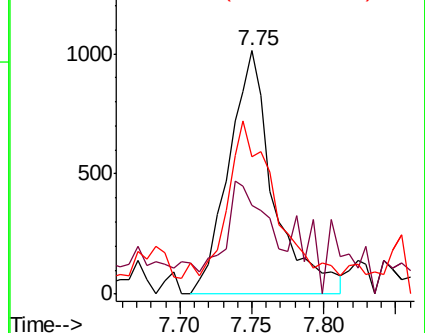
58 66.4 57.8 86.6

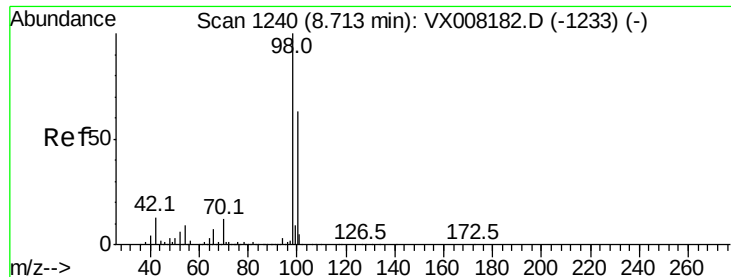


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 48.465 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008199.D

Acq: 19 Mar 2019 18:55

Instrument :

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ClientSampleId :

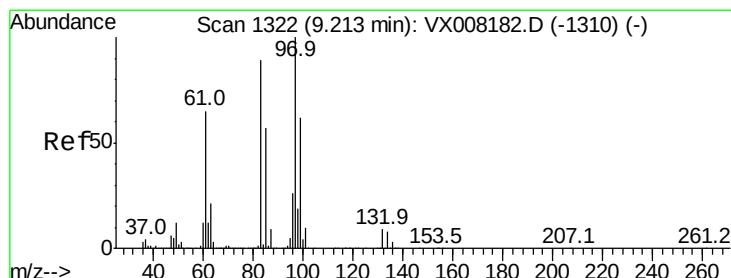
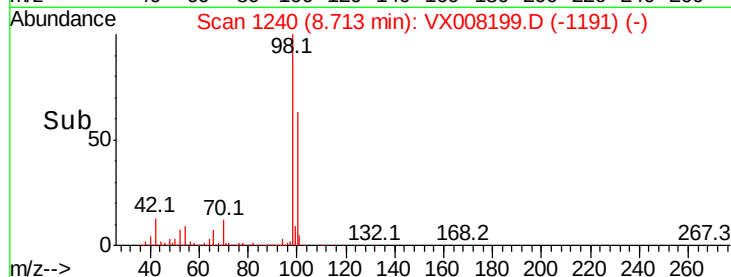
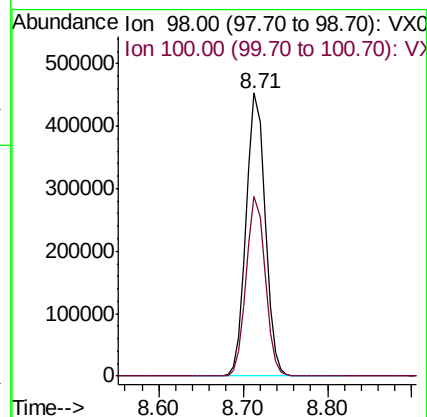
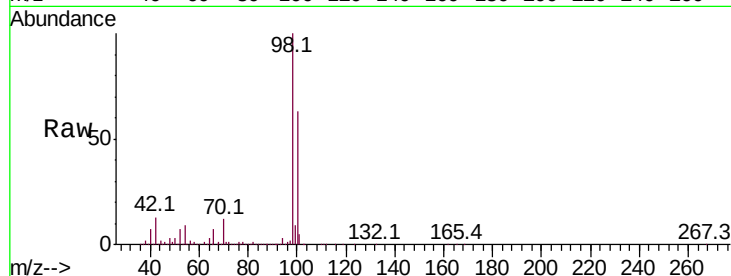
RE120D2-20190311

Tot Ion: 98 Resp: 683336

Ion Ratio Lower Upper

98 100

100 63.2 51.7 77.5



#55

1,1,2-Trichloroethane

Concen: 0.460 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX008199.D

Acq: 19 Mar 2019 18:55

Tgt Ion: 97 Resp: 2109

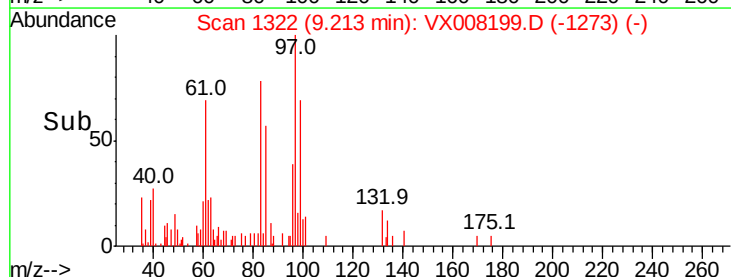
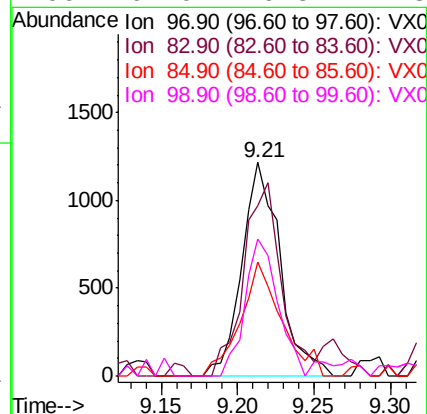
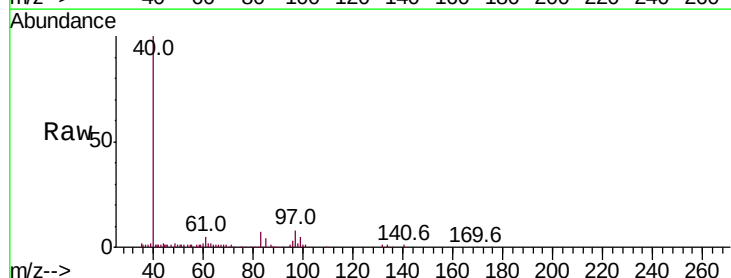
Ion Ratio Lower Upper

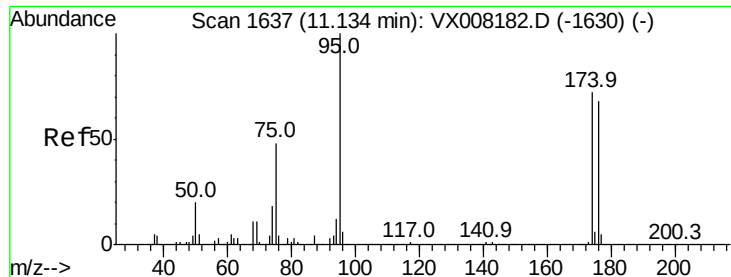
97 100

83 74.9 69.1 103.7

85 53.2 44.3 66.5

99 64.0 49.8 74.8





#62

4-Bromofluorobenzene

Concen: 44.560 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008199.D

Acq: 19 Mar 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

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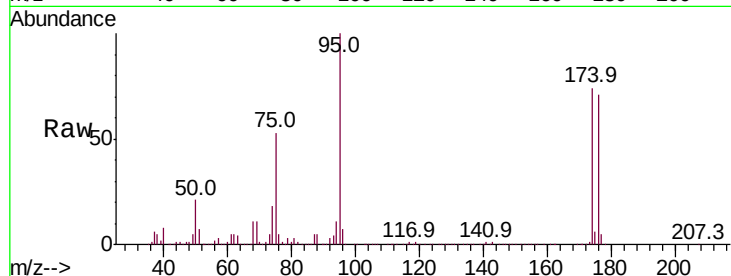
Tot Ion: 95 Resp: 216330

Ion Ratio Lower Upper

95 100

174 78.8 0.0 182.8

176 75.9 0.0 178.0

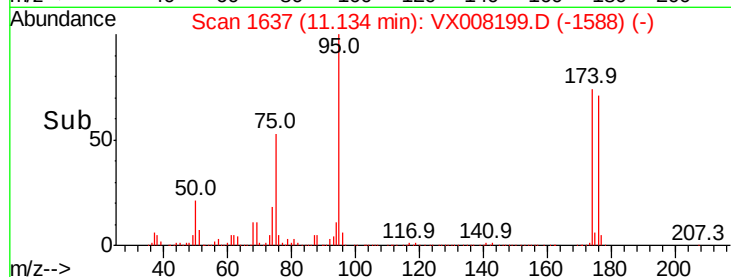


Abundance Ion 94.90 (94.60 to 95.60): VX008182.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008182.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008182.D (-1630) (-)

Time-->

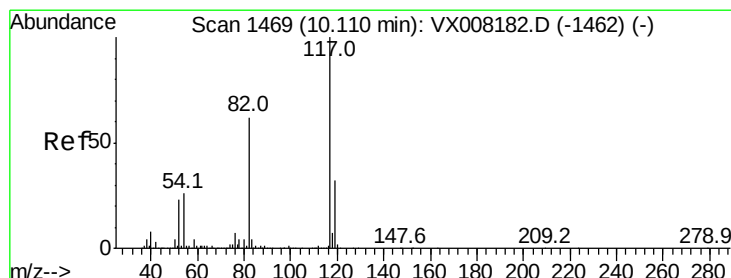


Abundance Ion 94.90 (94.60 to 95.60): VX008199.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX008199.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX008199.D (-1588) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008199.D

Acq: 19 Mar 2019 18:55

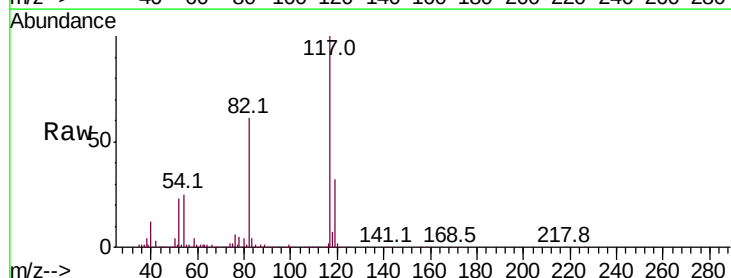
Tgt Ion: 117 Resp: 467108

Ion Ratio Lower Upper

117 100

82 60.8 44.3 66.5

119 32.3 25.3 37.9

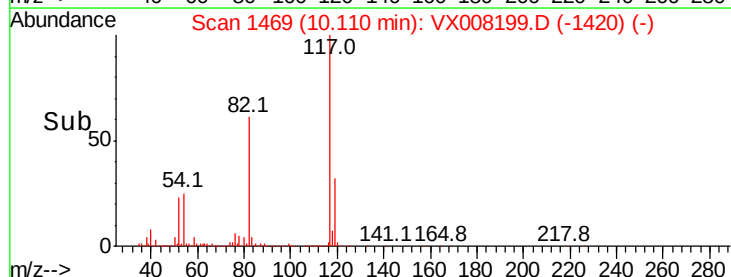


Abundance Ion 116.90 (116.60 to 117.60): VX008182.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008182.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008182.D (-1462) (-)

Time-->

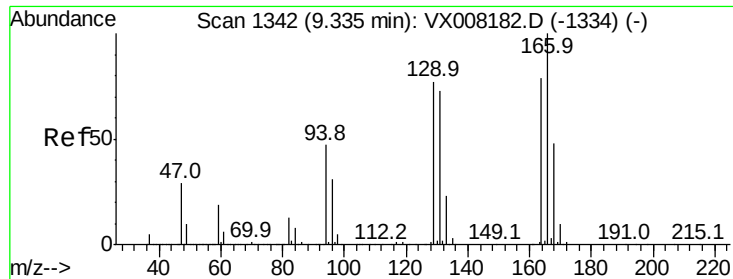


Abundance Ion 116.90 (116.60 to 117.60): VX008199.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX008199.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX008199.D (-1420) (-)

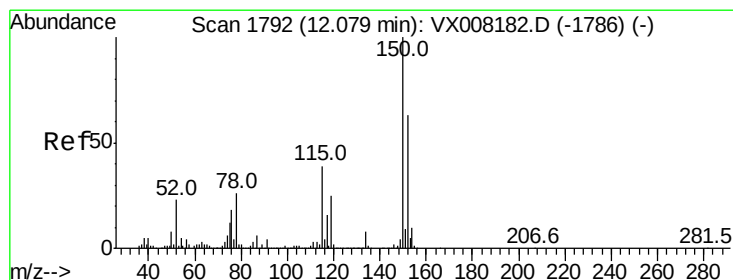
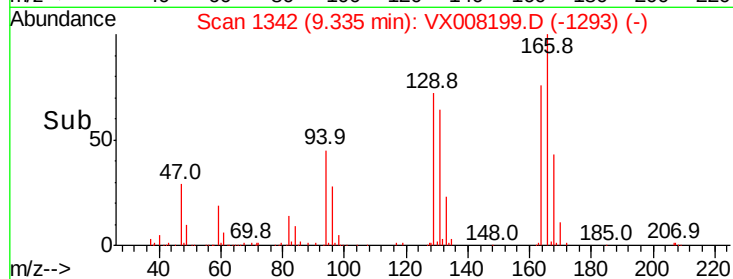
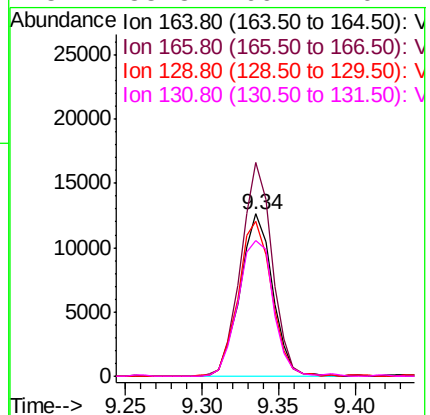
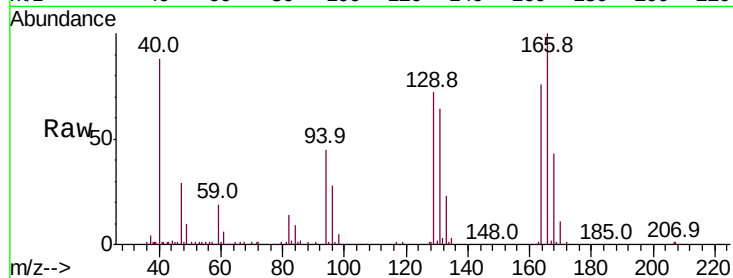
Time-->



#64
Tetrachloroethene
Concen: 4.405 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008199.D
Acq: 19 Mar 2019 18:55

Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20190311

Tot Ion:164 Resp: 18563
Ion Ratio Lower Upper
164 100
166 131.6 103.4 155.0
129 95.2 72.2 108.4
131 83.8 69.4 104.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008199.D
Acq: 19 Mar 2019 18:55

Tgt Ion:152 Resp: 183029
Ion Ratio Lower Upper
152 100
115 61.0 38.6 115.7
150 157.6 0.0 348.4

