

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032019\
 Data File : VX008280.D
 Acq On : 21 Mar 2019 07:51
 Operator : JC/SP
 Sample : K1860-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-20190311

Quant Time: Mar 22 05:45:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	281031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	462062	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	396243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	163110	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	198066	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	
35) Dibromofluoromethane	5.50	113	150413	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
50) Toluene-d8	8.71	98	566266	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
62) 4-Bromofluorobenzene	11.13	95	183743	45.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.00%	

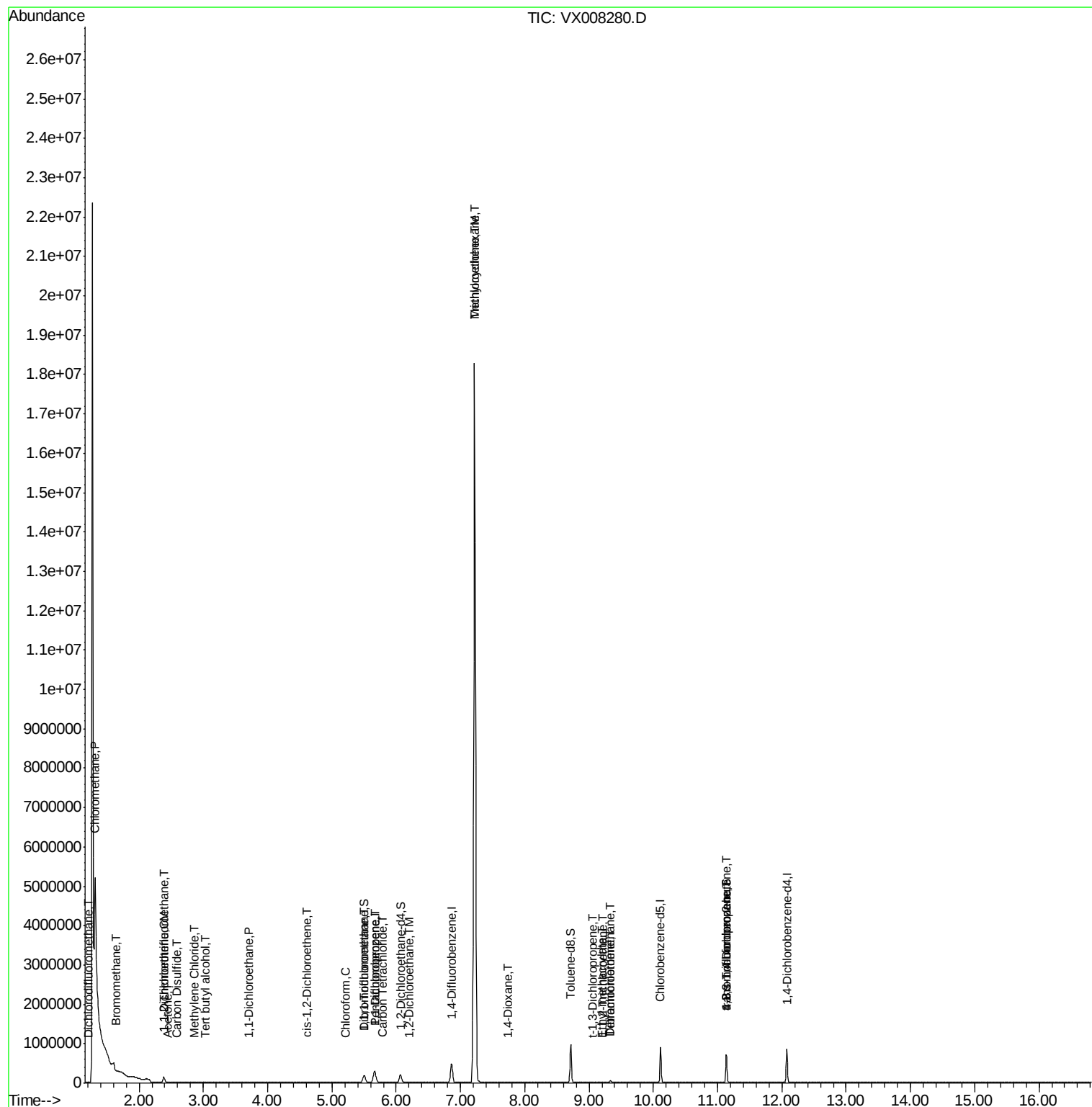
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	1085	0.318	ug/l	88
3) Chloromethane	1.31	50	315184	73.721	ug/l #	42
5) Bromomethane	1.65	94	748	0.206	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.39	101	42871	11.870	ug/l	92
11) Tert butyl alcohol	3.03	59	900	0.993	ug/l #	78
12) 1,1-Dichloroethene	2.38	96	18227	5.345	ug/l	91
13) Acrolein	2.30	56	194	Below Cal	#	37
16) Acetone	2.44	43	3517	1.465	ug/l	95
17) Carbon Disulfide	2.57	76	921	0.757	ug/l #	90
20) Methylene Chloride	2.86	84	893	0.223	ug/l #	91
24) 1,1-Dichloroethane	3.70	63	9044	1.210	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	11333	2.699	ug/l	92
30) Chloroform	5.21	83	8174	1.169	ug/l	88
32) 1,1,1-Trichloroethane	5.50	97	2406	0.414	ug/l #	42
36) 1,1-Dichloropropene	5.66	75	22217	4.130	ug/l #	49
38) Carbon Tetrachloride	5.79	117	9532	1.989	ug/l	87
39) Methylcyclohexane	7.22	83	85375	13.188	ug/l #	1
42) 1,2-Dichloroethane	6.20	62	1593	0.273	ug/l	88
44) Trichloroethene	7.22	130	6553719	1683.363	ug/l	89
49) 1,4-Dioxane	7.74	88	1548	16.185	ug/l #	87
53) t-1,3-Dichloropropene	9.05	75	128	1.442	ug/l #	43
55) 1,1,2-Trichloroethane	9.22	97	3802	0.996	ug/l	89
56) Ethyl methacrylate	9.20	69	190	0.554	ug/l #	25
60) Dibromochloromethane	9.34	129	8327	2.270	ug/l #	12
64) Tetrachloroethene	9.34	164	8802	2.462	ug/l	96
76) 1,2,3-Trichloropropane	11.13	75	95858	20.895	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	95858	53.173	ug/l #	11

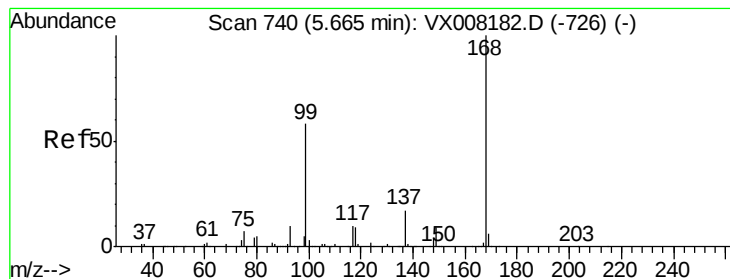
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX032019\
Data File : VX008280.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 13:15:13 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: VX008280.D

Acq: 21 Mar 2019 07:51

Instrument :

MSVOA_X

ClientSampleId :

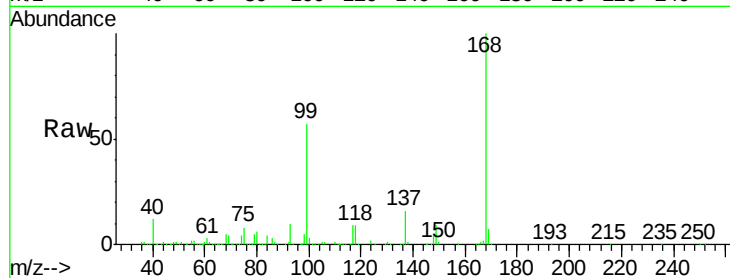
RE105D2-20190311

Tot Ion:168 Resp: 281031

Ion Ratio Lower Upper

168 100

99 56.6 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

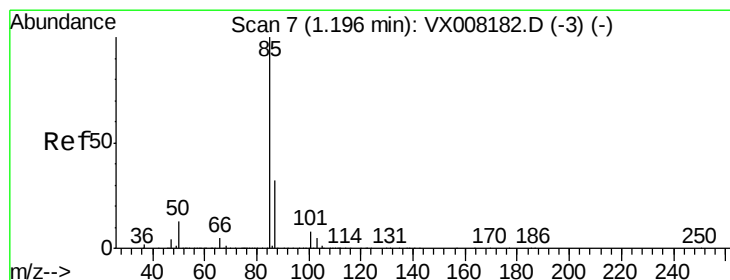
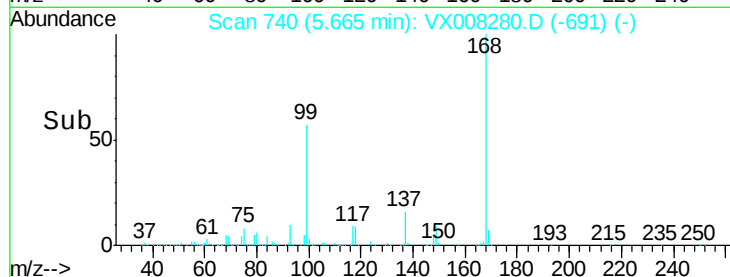
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.318 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008280.D

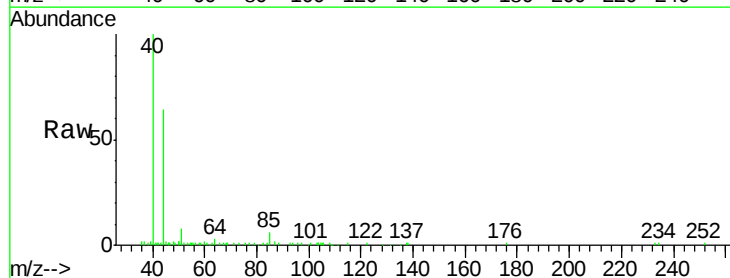
Acq: 21 Mar 2019 07:51

Tgt Ion: 85 Resp: 1085

Ion Ratio Lower Upper

85 100

87 39.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

800

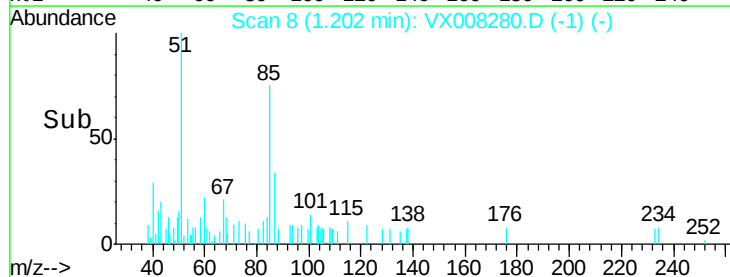
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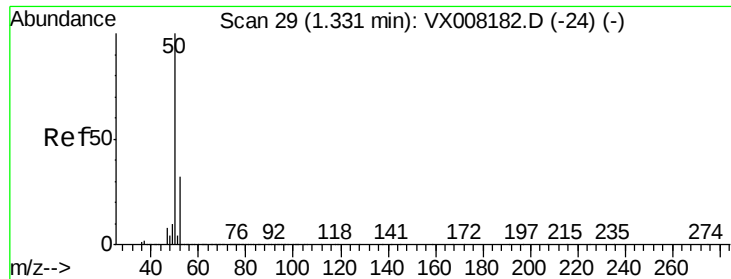
400

200

0

Time-->





#3

Chloromethane

Concen: 73.721 ug/l

RT: 1.31 min Scan# 26

Delta R.T. -0.02 min

Lab File: VX008280.D

Acq: 21 Mar 2019 07:51

Instrument :

MSVOA_X

ClientSampleId :

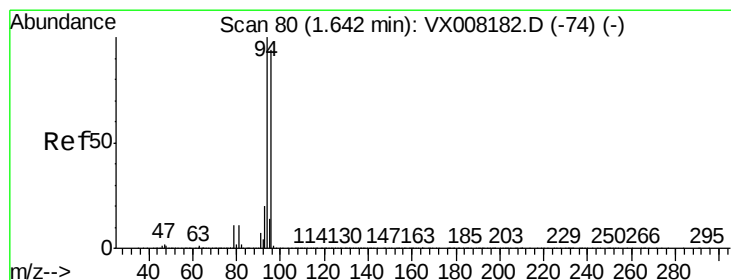
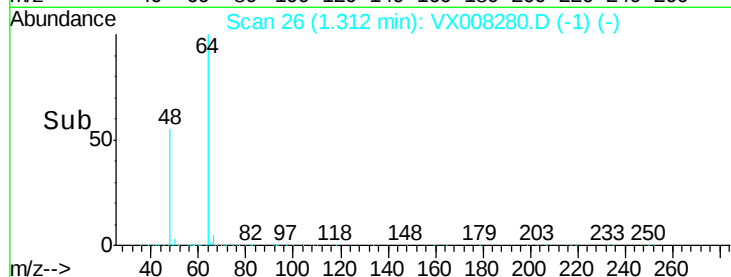
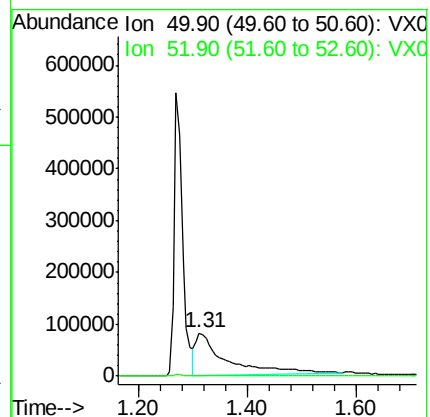
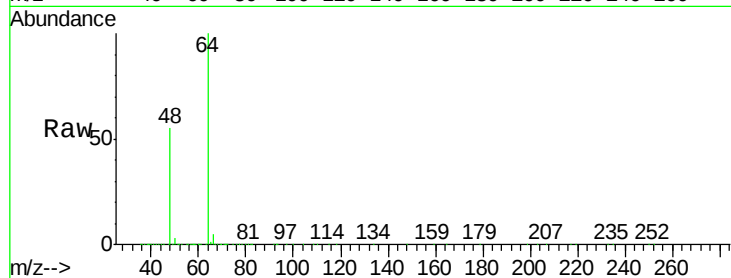
RE105D2-20190311

Tot Ion: 50 Resp: 315184

Ion Ratio Lower Upper

50 100

52 0.5 26.5 39.7#



#5

Bromomethane

Concen: 0.206 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX008280.D

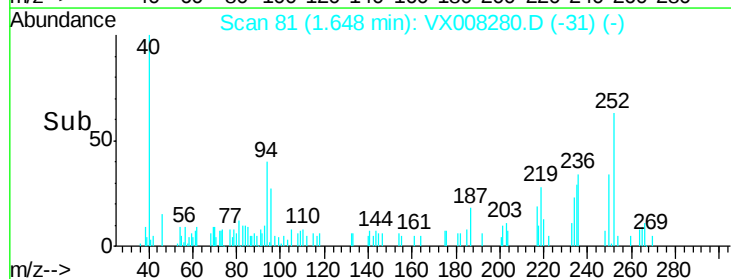
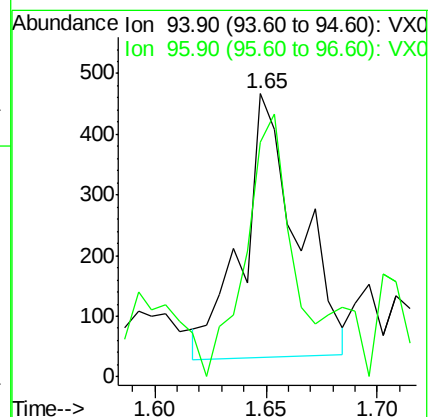
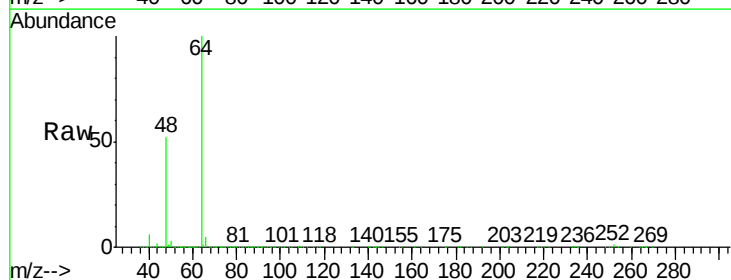
Acq: 21 Mar 2019 07:51

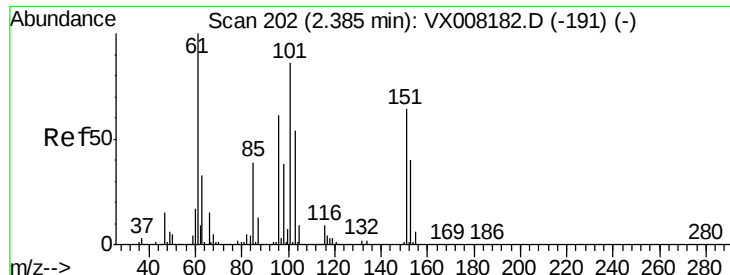
Tgt Ion: 94 Resp: 748

Ion Ratio Lower Upper

94 100

96 80.9 75.5 113.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.870 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX008280.D

Acq: 21 Mar 2019 07:51

Instrument :

MSVOA_X

ClientSampleId :

RE105D2-20190311

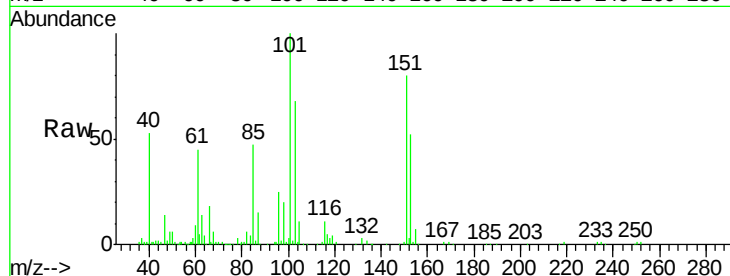
Tot Ion:101 Resp: 42871

Ion Ratio Lower Upper

101 100

85 45.5 33.8 50.6

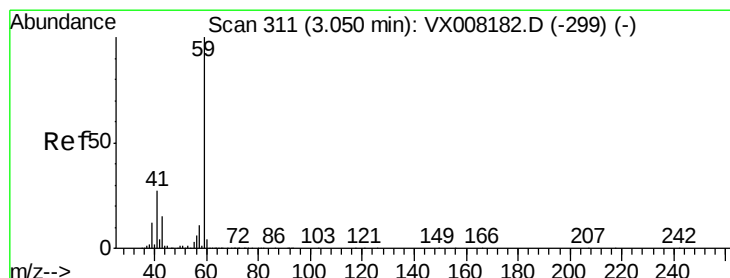
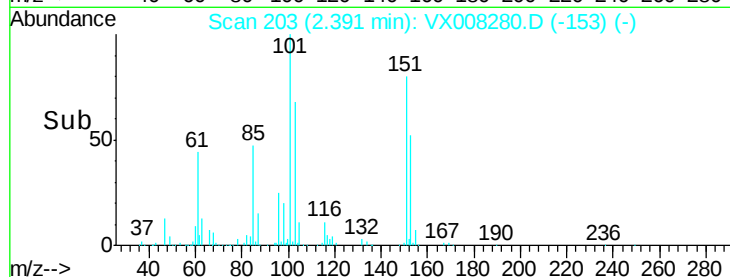
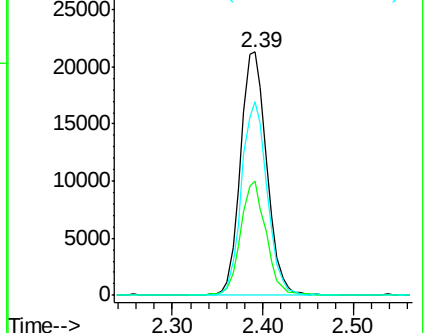
151 77.4 69.1 103.7



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



#11

Tert butyl alcohol

Concen: 0.993 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.02 min

Lab File: VX008280.D

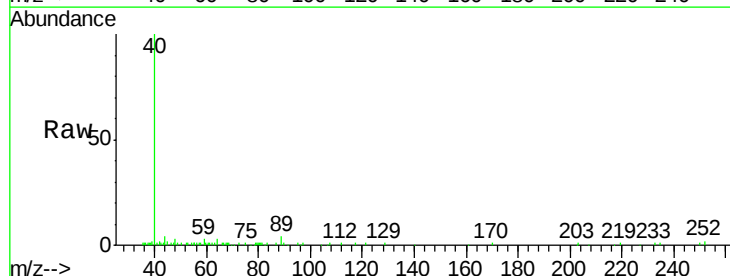
Acq: 21 Mar 2019 07:51

Tgt Ion: 59 Resp: 900

Ion Ratio Lower Upper

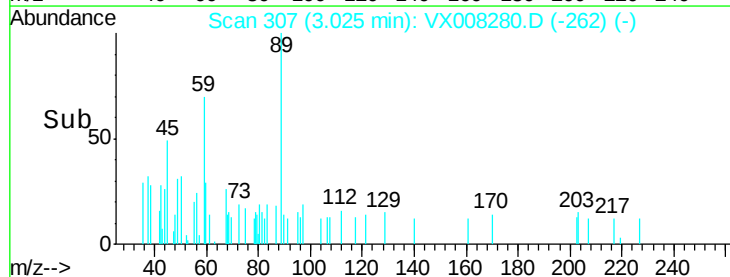
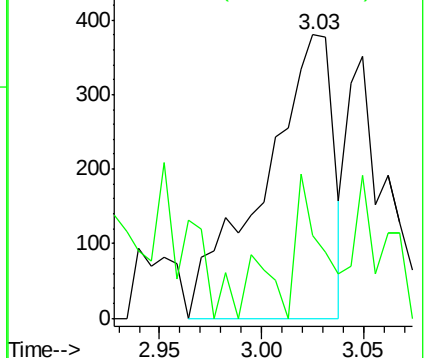
59 100

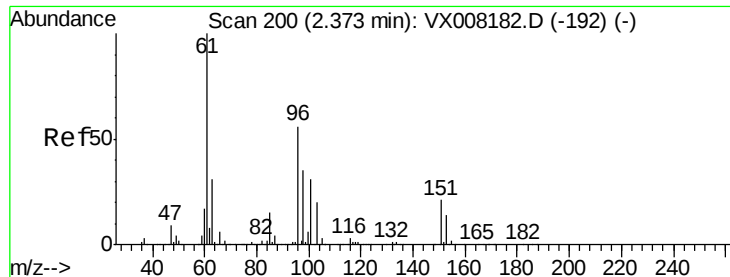
57 18.3 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 5.345 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX008280.D

Acq: 21 Mar 2019 07:51

Instrument :

MSVOA_X

ClientSampleId :

RE105D2-20190311

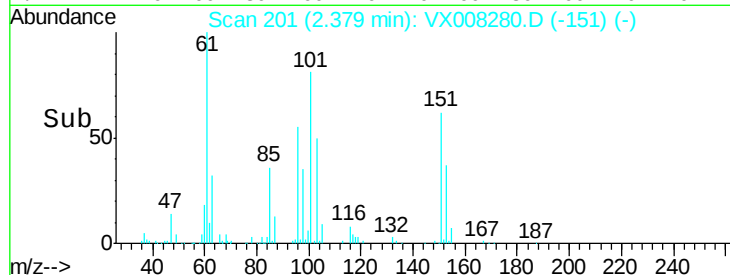
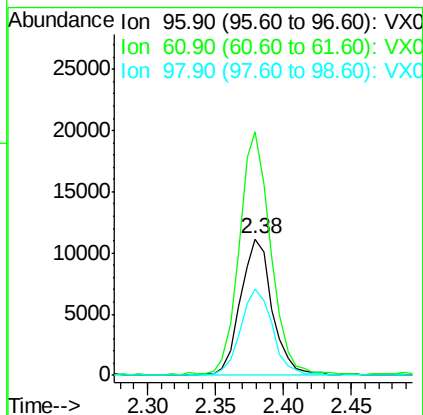
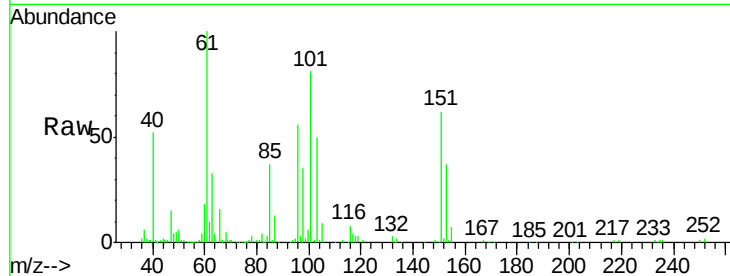
Tot Ion: 96 Resp: 18227

Ion Ratio Lower Upper

96 100

61 177.3 129.8 194.6

98 62.5 51.0 76.6



#13

Acrolein

Concen: Below Cal

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX008280.D

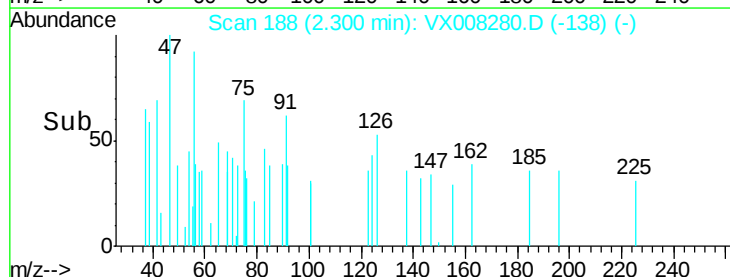
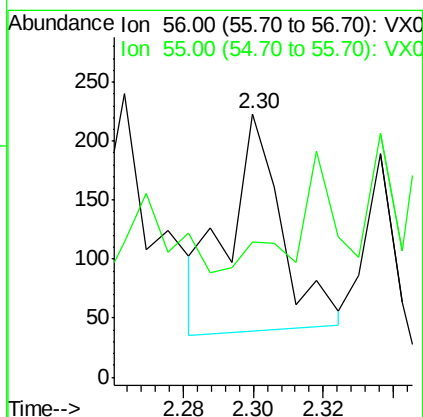
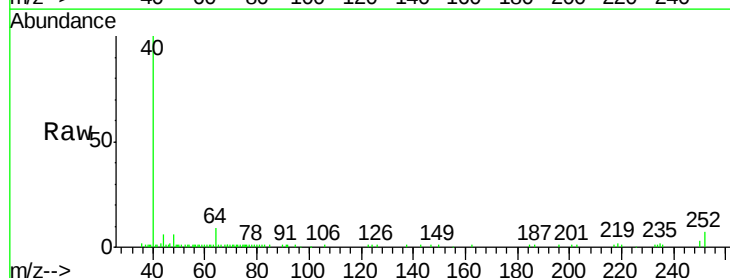
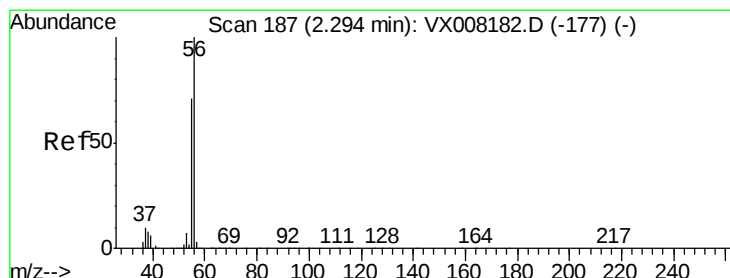
Acq: 21 Mar 2019 07:51

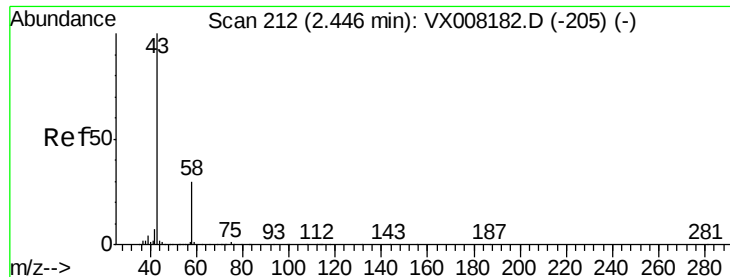
Tgt Ion: 56 Resp: 194

Ion Ratio Lower Upper

56 100

55 19.6 57.8 86.6#





#16

Acetone

Concen: 1.465 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008280.D

Acq: 21 Mar 2019 07:51

Instrument :

MSVOA_X

ClientSampleId :

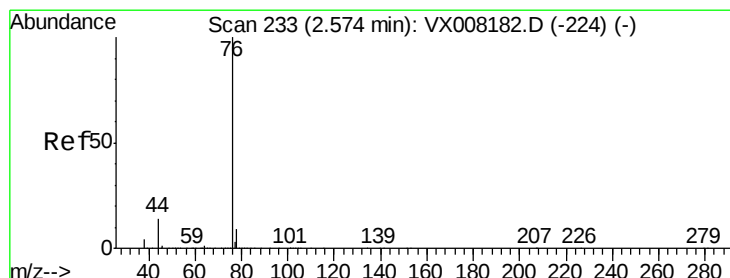
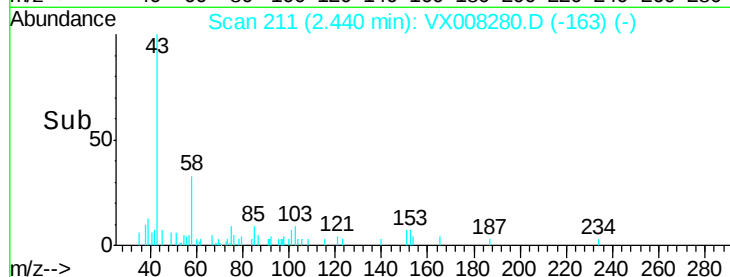
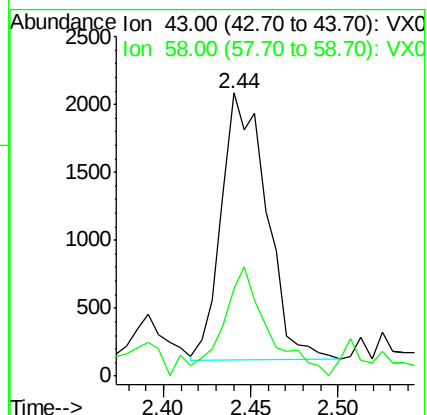
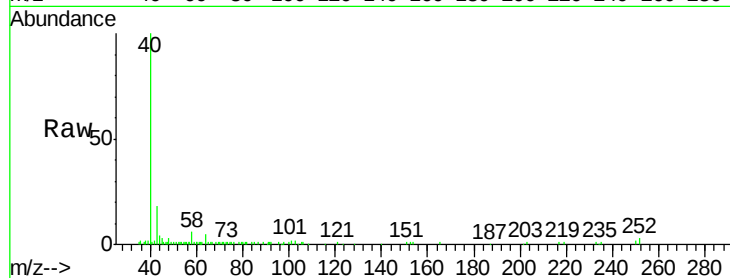
RE105D2-20190311

Tot Ion: 43 Resp: 3517

Ion Ratio Lower Upper

43 100

58 28.9 25.5 38.3



#17

Carbon Disulfide

Concen: 0.757 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX008280.D

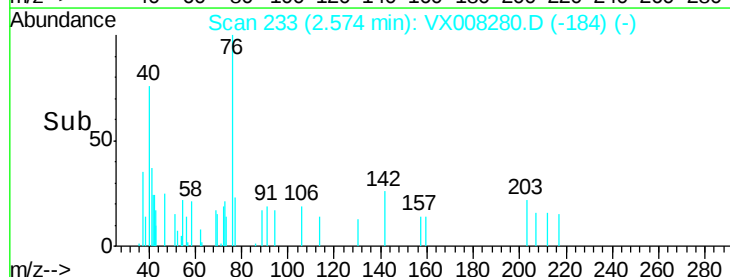
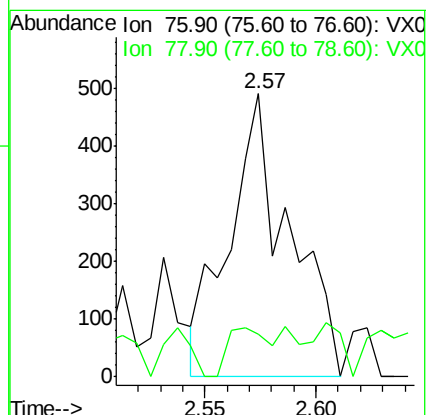
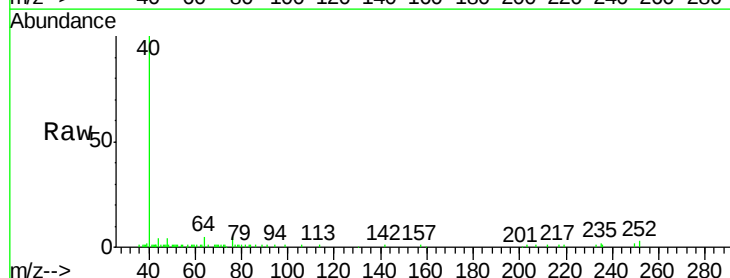
Acq: 21 Mar 2019 07:51

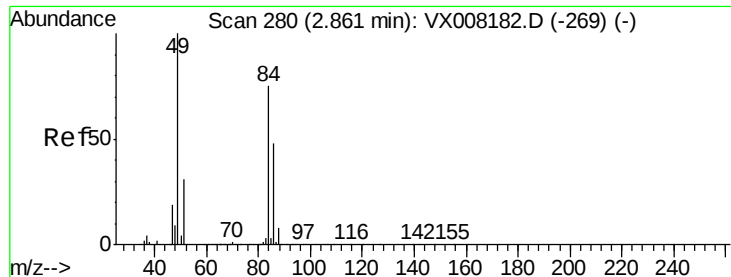
Tgt Ion: 76 Resp: 921

Ion Ratio Lower Upper

76 100

78 5.2 7.2 10.8#





#20

Methylene Chloride

Concen: 0.223 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX008280.D

Acq: 21 Mar 2019 07:51

Instrument :

MSVOA_X

ClientSampleId :

RE105D2-20190311

Tot Ion: 84 Resp: 893

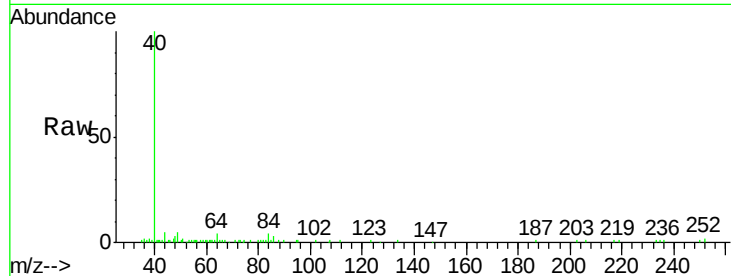
Ion Ratio Lower Upper

84 100

49 110.4 99.3 148.9

51 48.8 31.3 46.9#

86 66.1 52.6 79.0

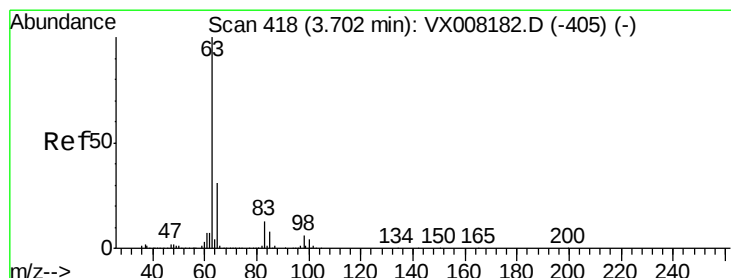
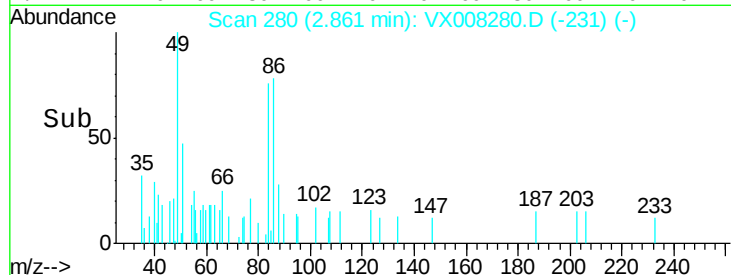
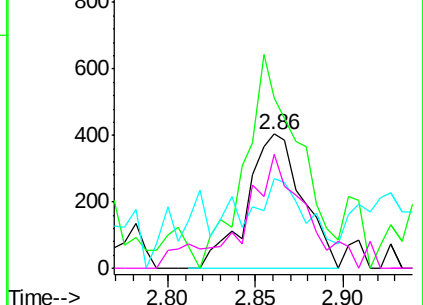


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#24

1,1-Dichloroethane

Concen: 1.210 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.01 min

Lab File: VX008280.D

Acq: 21 Mar 2019 07:51

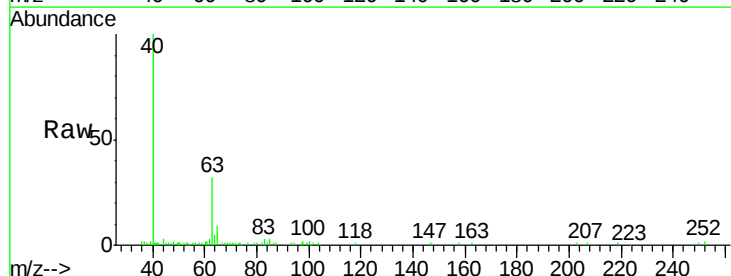
Tgt Ion: 63 Resp: 9044

Ion Ratio Lower Upper

63 100

98 4.6 3.3 9.8

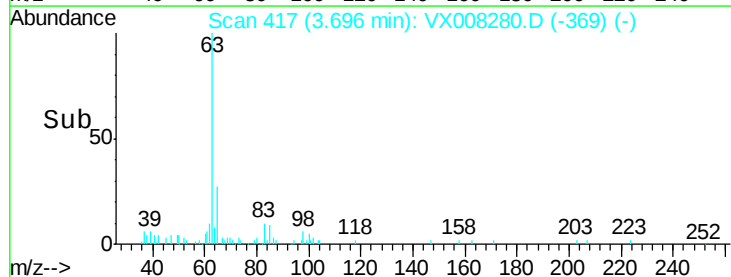
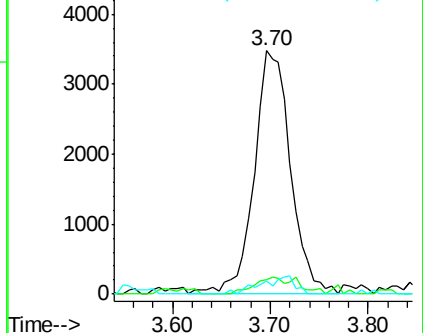
100 5.2 2.3 6.8

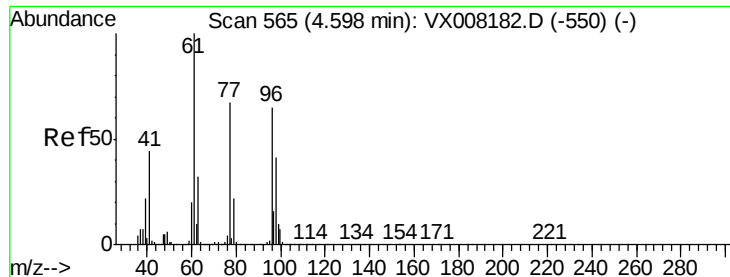


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



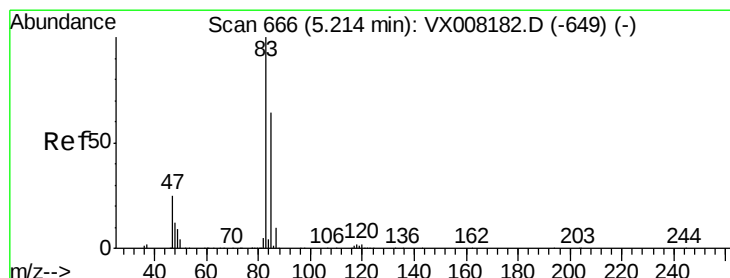
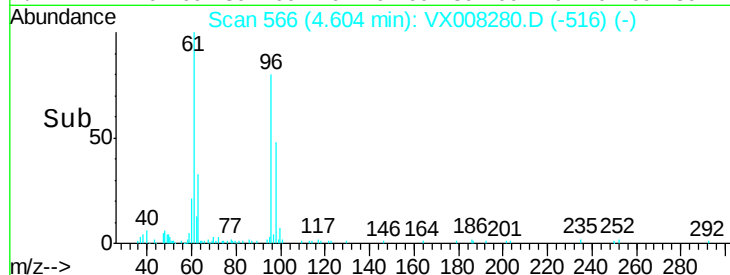
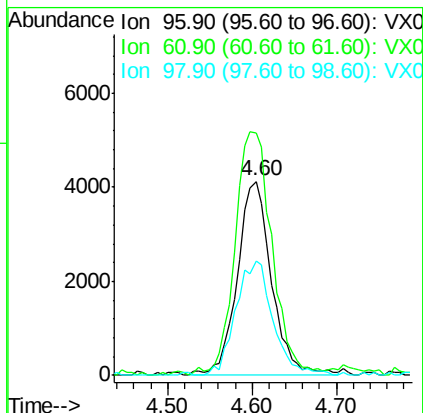
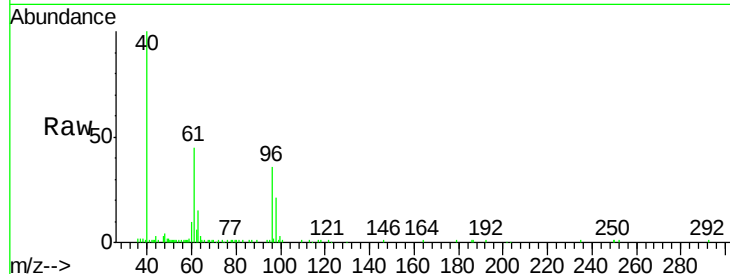


#27

cis-1,2-Dichloroethene
 Concen: 2.699 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX008280.D
 Acq: 21 Mar 2019 07:51

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-20190311

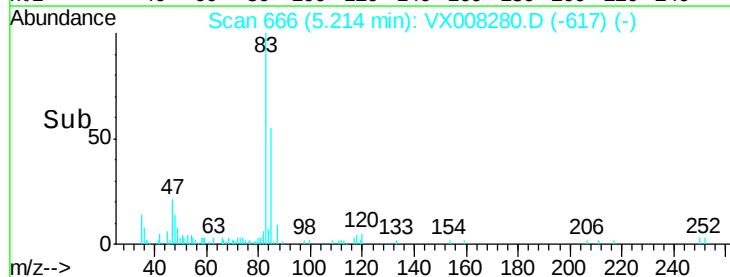
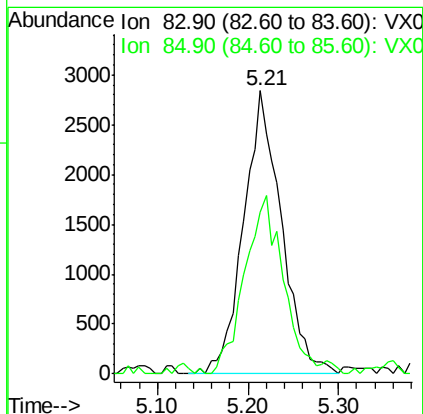
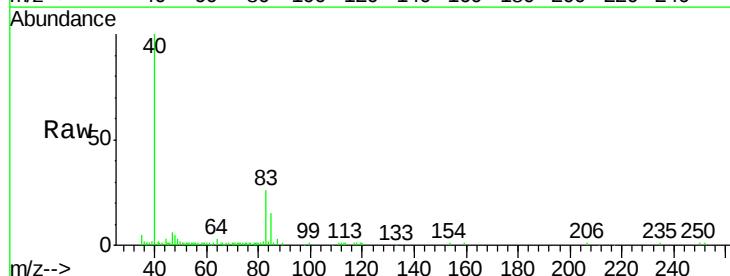
Tot Ion: 96 Resp: 11333
 Ion Ratio Lower Upper
 96 100
 61 130.5 0.0 288.0
 98 64.0 0.0 129.0

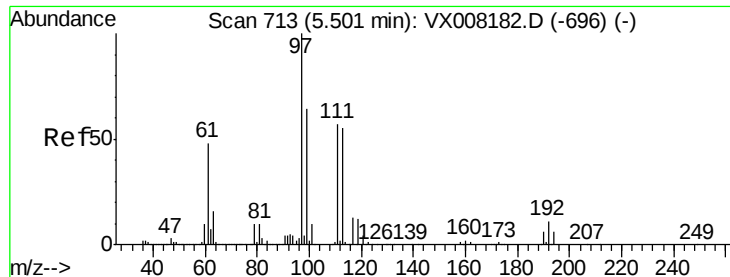


#30

Chloroform
 Concen: 1.169 ug/l
 RT: 5.21 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: VX008280.D
 Acq: 21 Mar 2019 07:51

Tgt Ion: 83 Resp: 8174
 Ion Ratio Lower Upper
 83 100
 85 55.1 51.8 77.6





#32

1,1,1-Trichloroethane

Concen: 0.414 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008280.D

Acq: 21 Mar 2019 07:51

Instrument :

MSVOA_X

ClientSampleId :

RE105D2-20190311

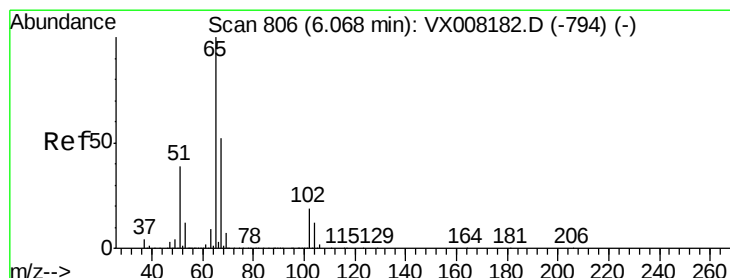
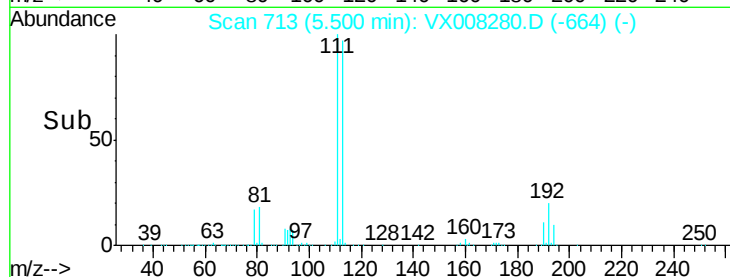
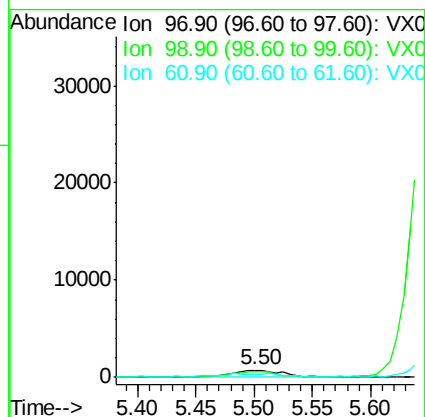
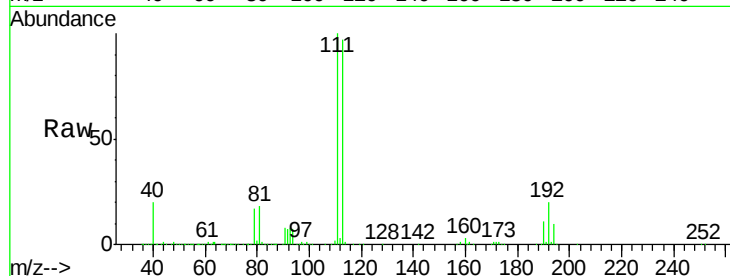
Tot Ion: 97 Resp: 2406

Ion Ratio Lower Upper

97 100

99 0.0 52.2 78.2#

61 29.2 34.9 52.3#



#33

1,2-Dichloroethane-d4

Concen: 46.796 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX008280.D

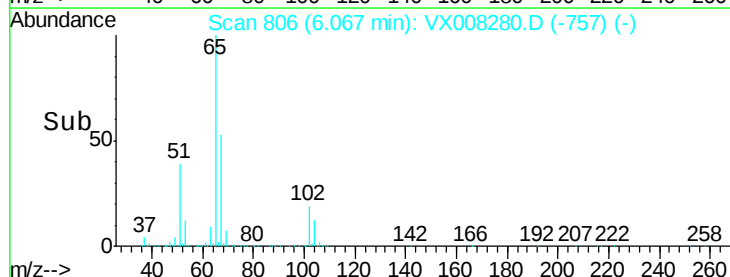
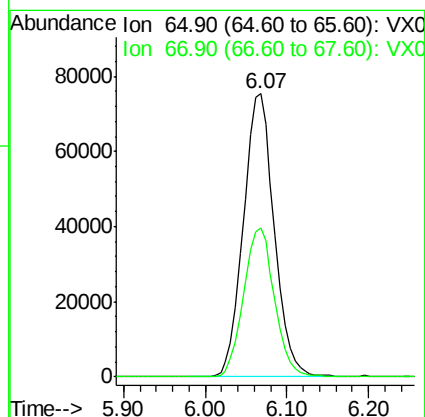
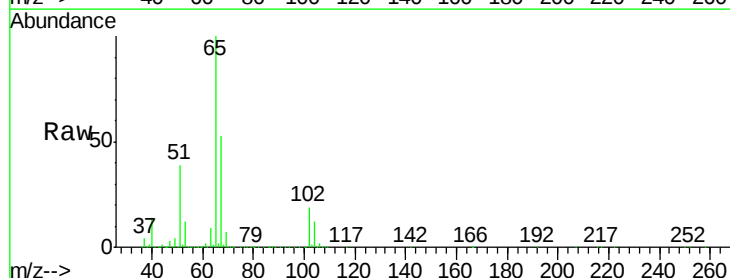
Acq: 21 Mar 2019 07:51

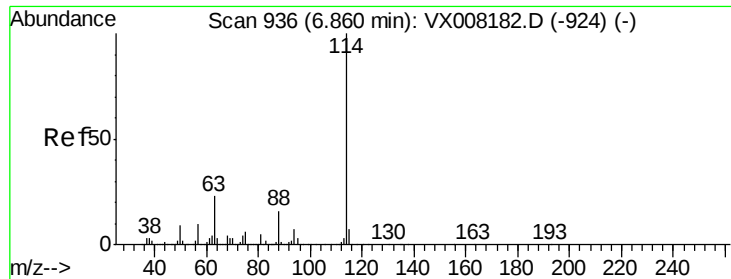
Tgt Ion: 65 Resp: 198066

Ion Ratio Lower Upper

65 100

67 52.2 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: VX008280.D

Acq: 21 Mar 2019 07:51

Instrument :

MSVOA_X

ClientSampleId :

RE105D2-20190311

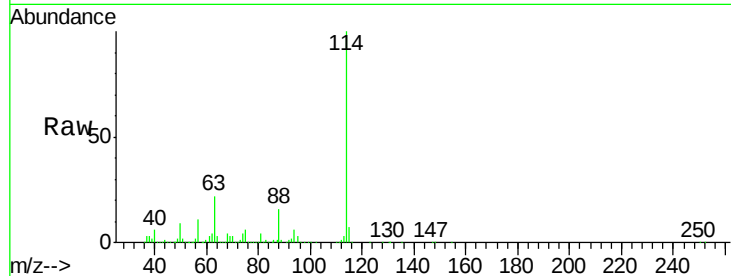
Tot Ion:114 Resp: 462062

Ion Ratio Lower Upper

114 100

63 22.1 0.0 39.8

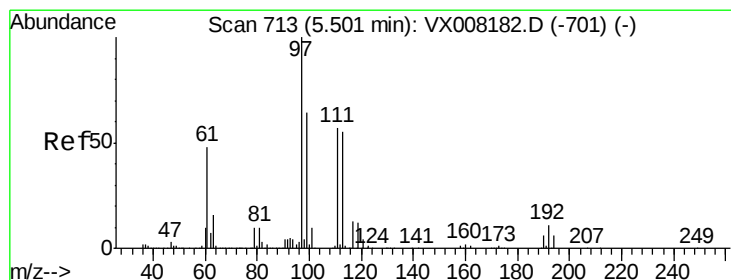
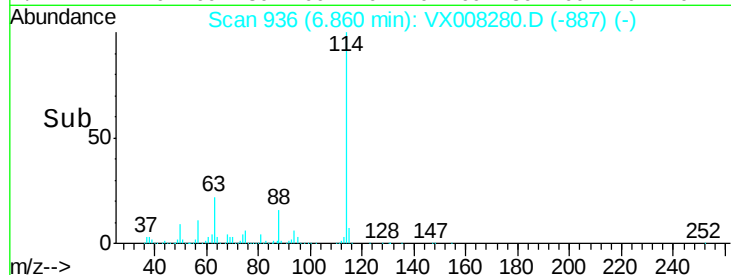
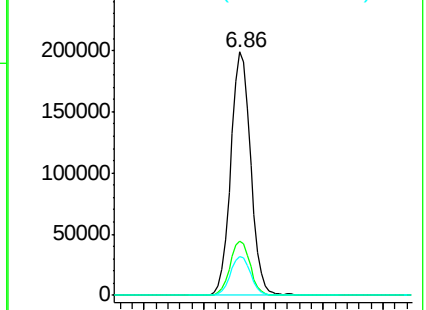
88 16.1 0.0 31.4



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: 48.627 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008280.D

Acq: 21 Mar 2019 07:51

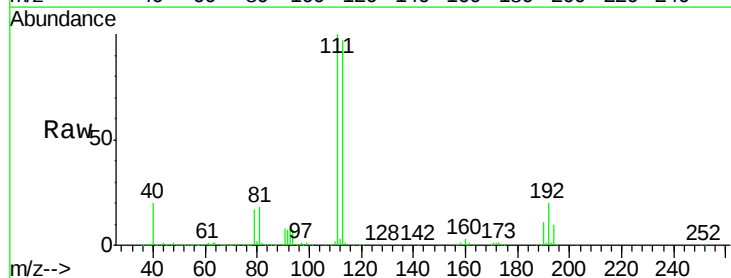
Tgt Ion:113 Resp: 150413

Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

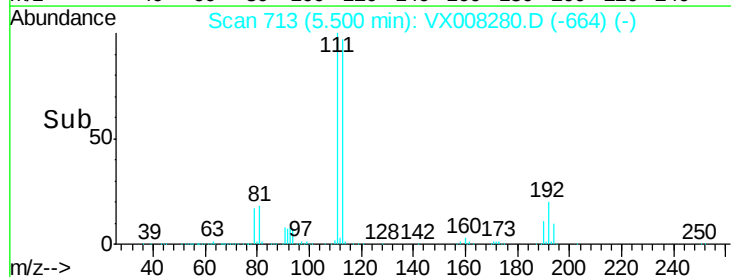
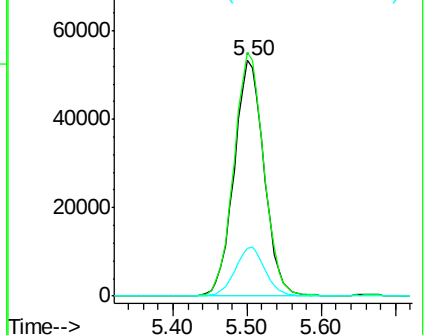
192 20.9 19.4 29.0

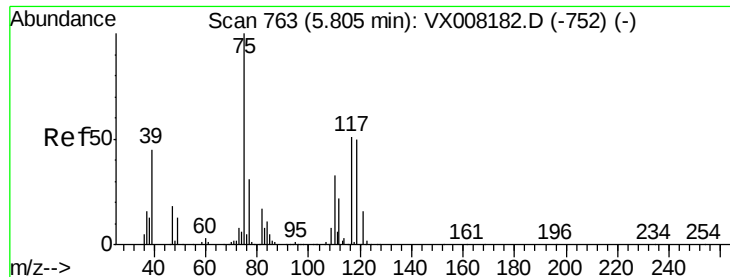


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

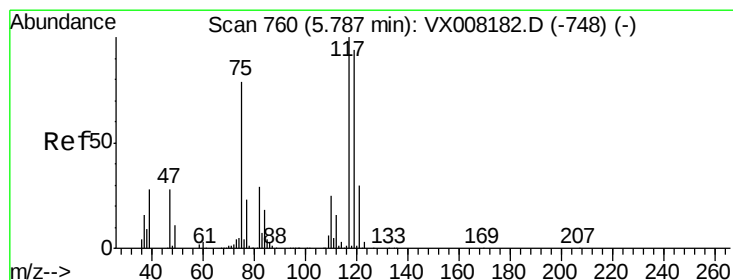
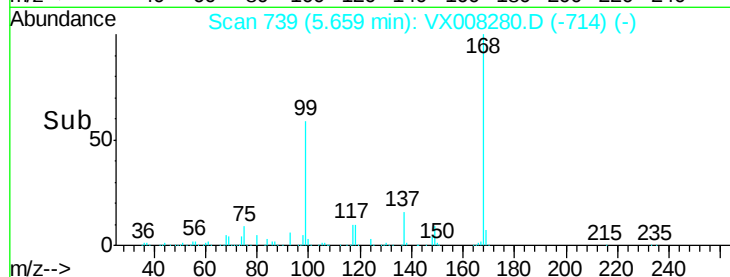
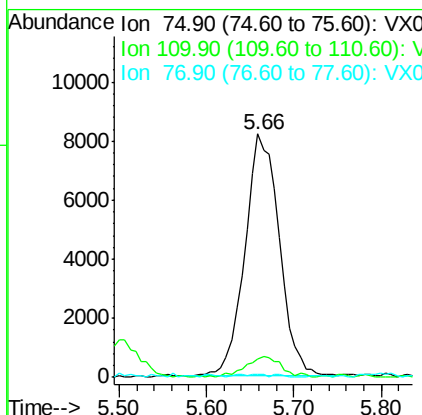
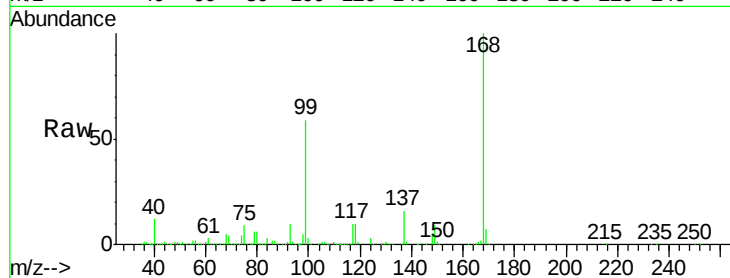




#36
 1,1-Dichloropropene
 Concen: 4.130 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.15 min
 Lab File: VX008280.D
 Acq: 21 Mar 2019 07:51

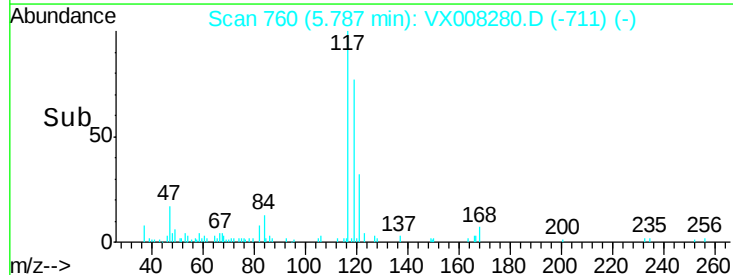
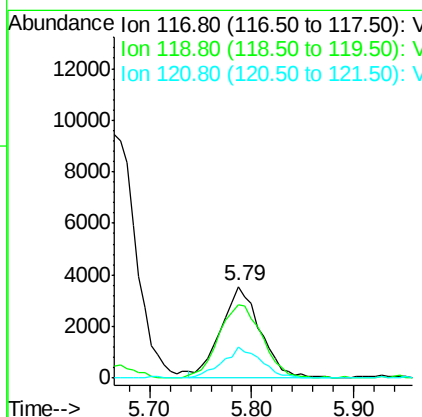
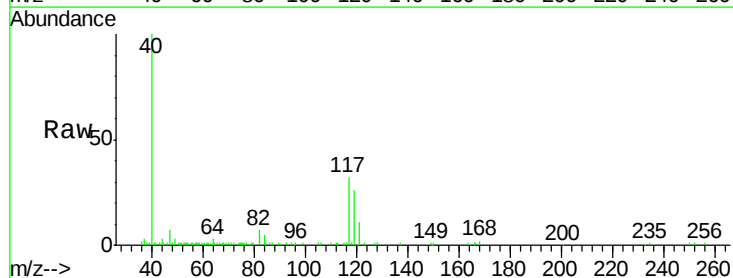
Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-20190311

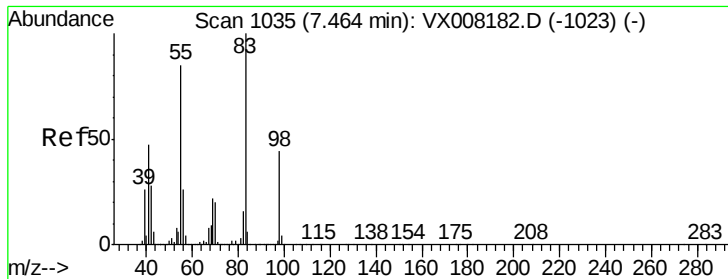
Tot Ion: 75 Resp: 22217
 Ion Ratio Lower Upper
 75 100
 110 9.2 18.4 55.0#
 77 0.5 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 1.989 ug/l
 RT: 5.79 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: VX008280.D
 Acq: 21 Mar 2019 07:51

Tgt Ion: 117 Resp: 9532
 Ion Ratio Lower Upper
 117 100
 119 79.6 76.2 114.2
 121 33.6 24.6 36.8

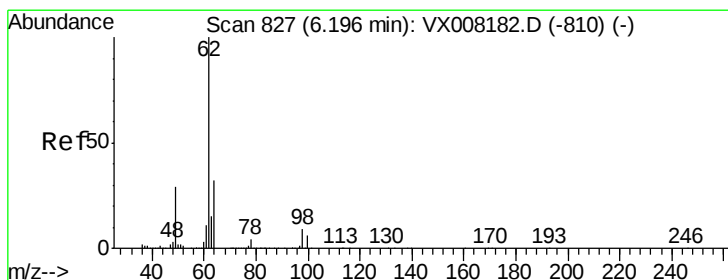
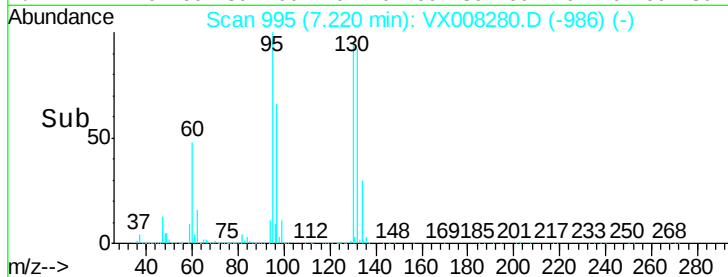
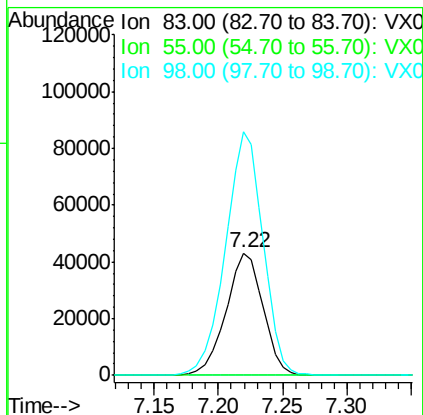
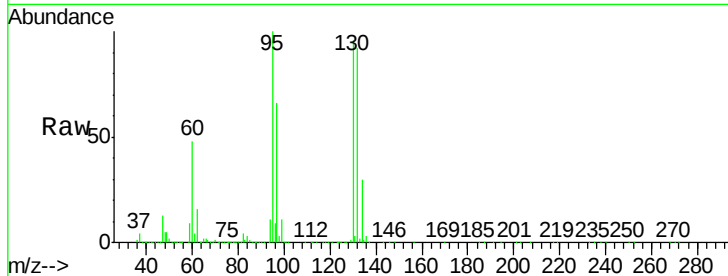




#39
Methylcyclohexane
Concen: 13.188 ug/l
RT: 7.22 min Scan# 995
Delta R.T. -0.24 min
Lab File: VX008280.D
Acq: 21 Mar 2019 07:51

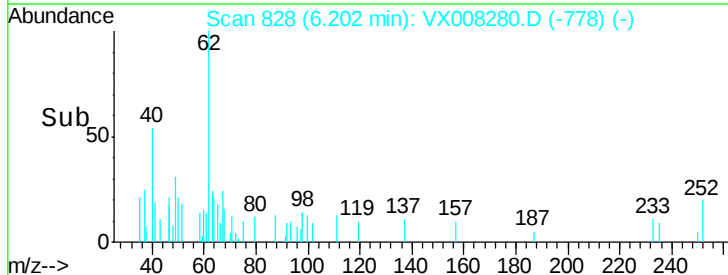
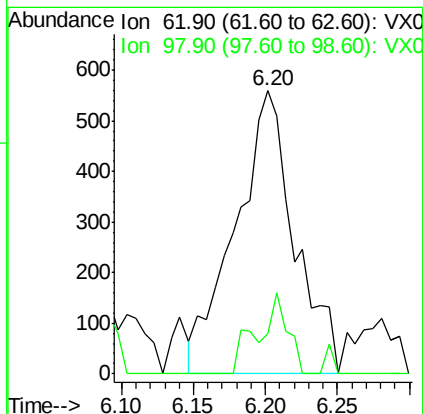
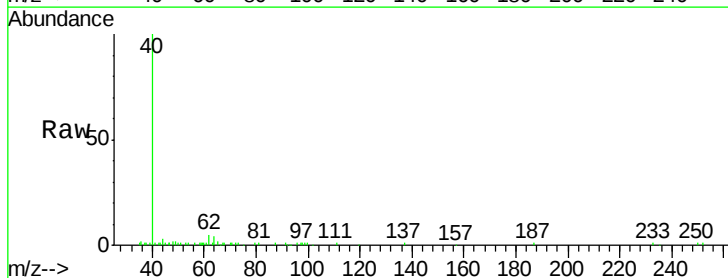
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20190311

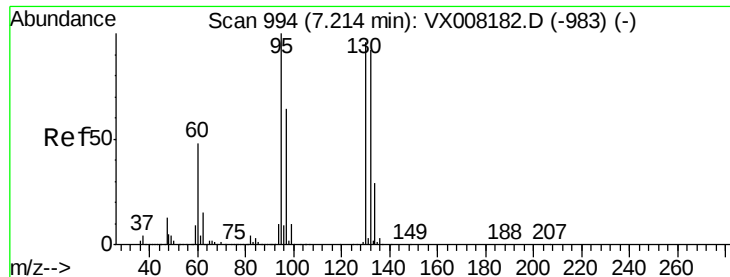
Tot Ion: 83 Resp: 85375
Ion Ratio Lower Upper
83 100
55 0.5 60.4 90.6#
98 199.5 36.5 54.7#



#42
1,2-Dichloroethane
Concen: 0.273 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX008280.D
Acq: 21 Mar 2019 07:51

Tgt Ion: 62 Resp: 1593
Ion Ratio Lower Upper
62 100
98 14.5 0.0 20.4





#44

Trichloroethene

Concen: 1683.363 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX008280.D

Acq: 21 Mar 2019 07:51

Instrument :

MSVOA_X

ClientSampleId :

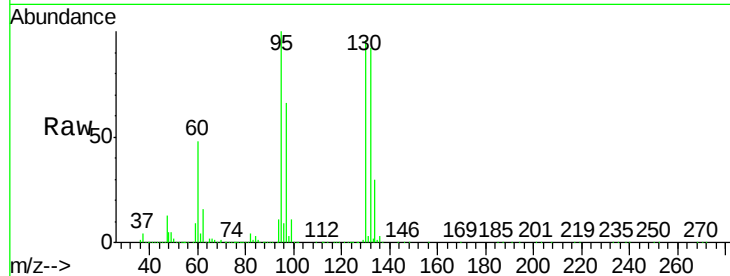
RE105D2-20190311

Tot Ion:130 Resp: 6553719

Ion Ratio Lower Upper

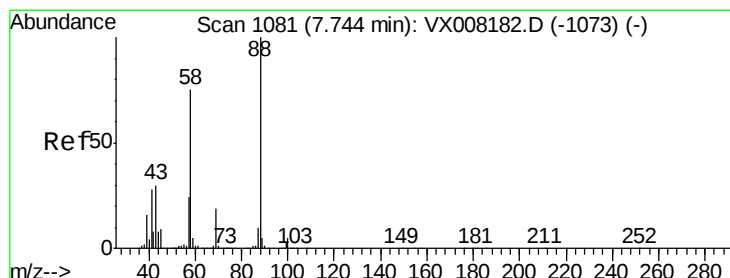
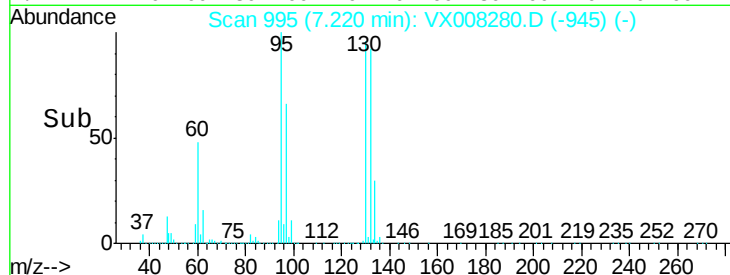
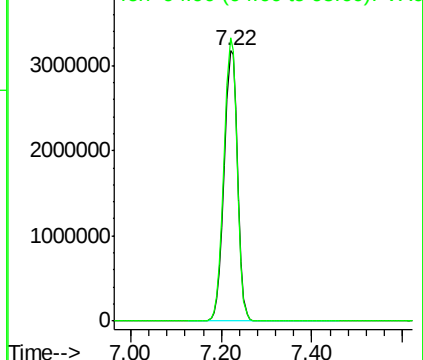
130 100

95 104.6 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: 16.185 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. -0.00 min

Lab File: VX008280.D

Acq: 21 Mar 2019 07:51

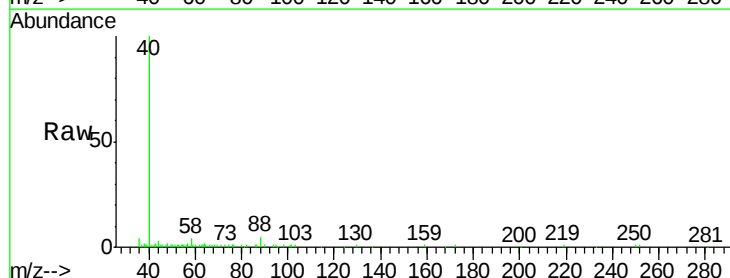
Tgt Ion: 88 Resp: 1548

Ion Ratio Lower Upper

88 100

43 51.1 25.1 37.7#

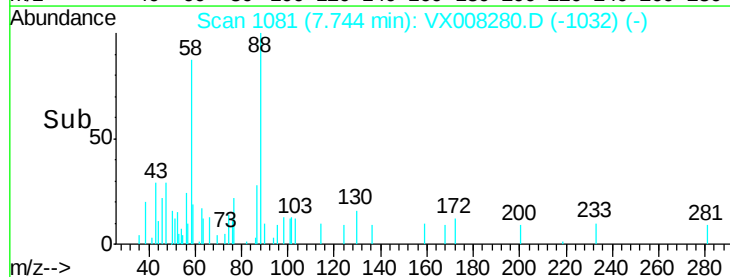
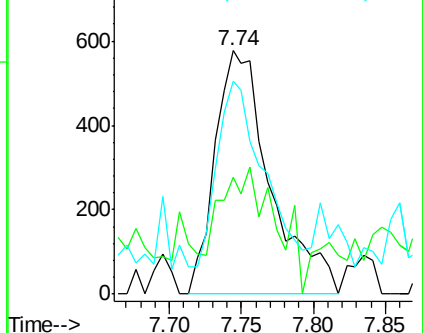
58 69.6 57.8 86.6

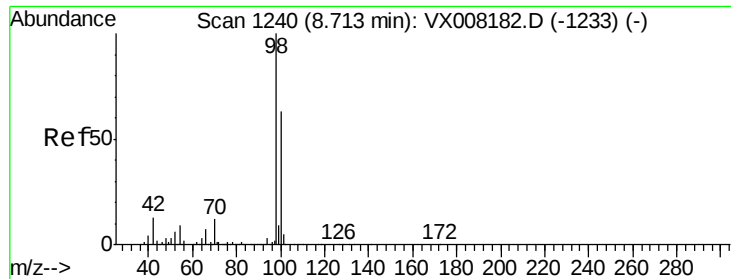


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 48.286 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008280.D

Acq: 21 Mar 2019 07:51

Instrument :

MSVOA_X

ClientSampleId :

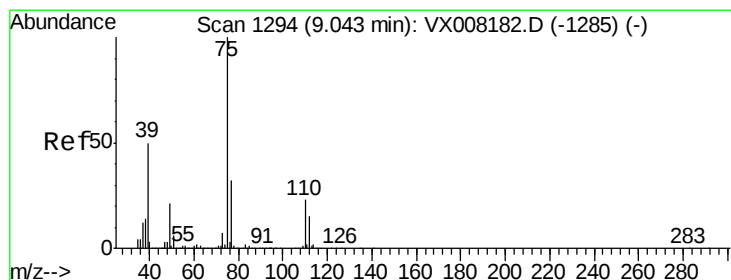
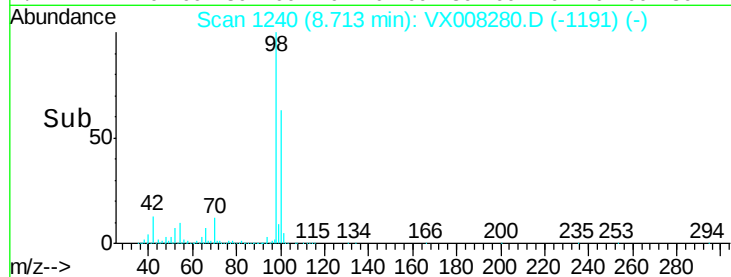
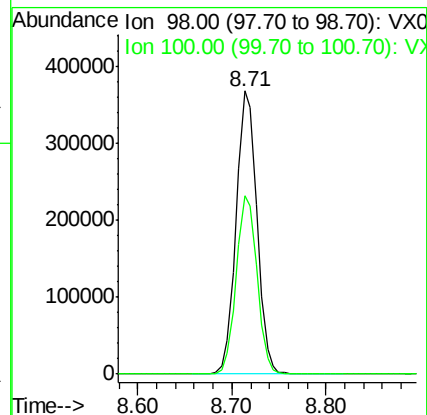
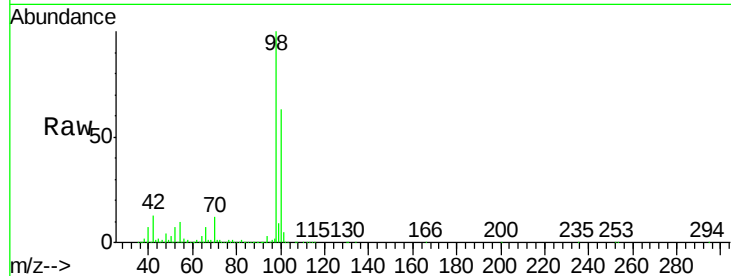
RE105D2-20190311

Tot Ion: 98 Resp: 566266

Ion Ratio Lower Upper

98 100

100 62.9 51.7 77.5



#53

t-1,3-Dichloropropene

Concen: 1.442 ug/l

RT: 9.05 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX008280.D

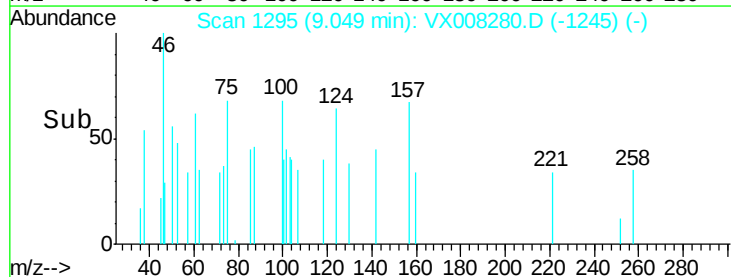
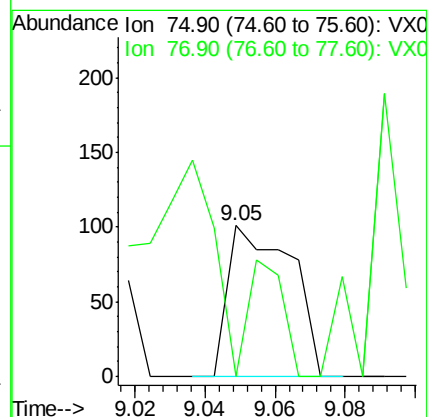
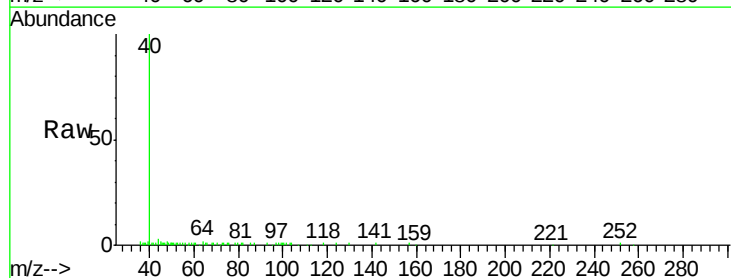
Acq: 21 Mar 2019 07:51

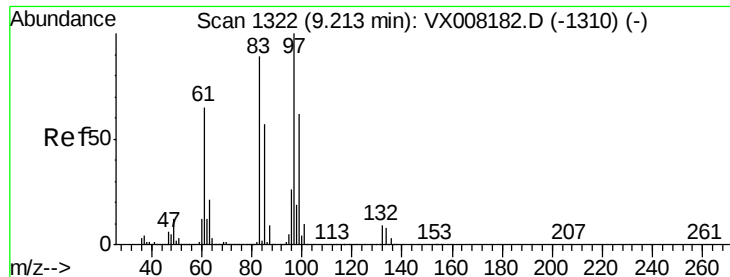
Tgt Ion: 75 Resp: 128

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#





#55

1,1,2-Trichloroethane

Concen: 0.996 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VX008280.D

Acq: 21 Mar 2019 07:51

Instrument :

MSVOA_X

ClientSampleId :

RE105D2-20190311

Tot Ion: 97 Resp: 3802

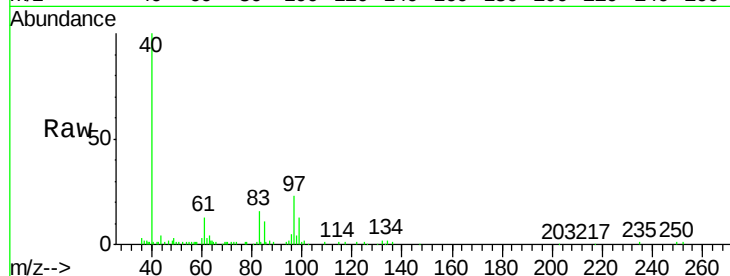
Ion Ratio Lower Upper

97 100

83 69.2 69.1 103.7

85 49.3 44.3 66.5

99 61.1 49.8 74.8

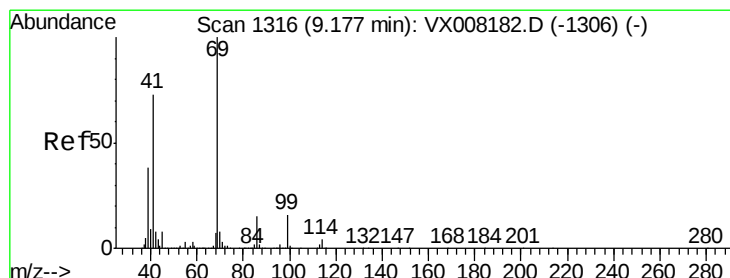
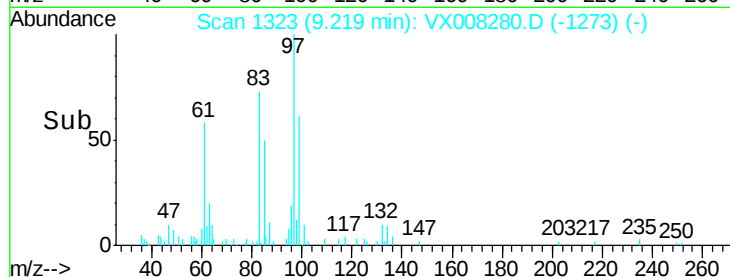
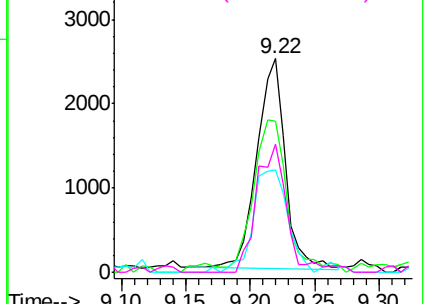


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 0.554 ug/l

RT: 9.20 min Scan# 1320

Delta R.T. 0.03 min

Lab File: VX008280.D

Acq: 21 Mar 2019 07:51

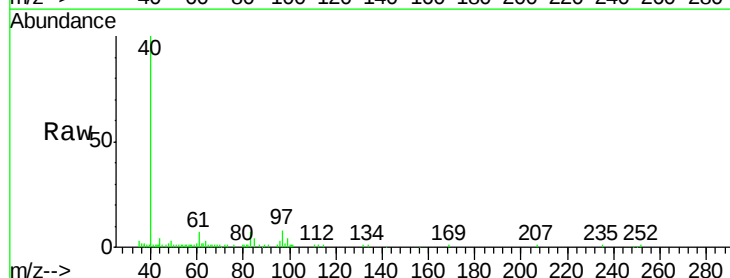
Tgt Ion: 69 Resp: 190

Ion Ratio Lower Upper

69 100

41 0.0 54.2 81.4#

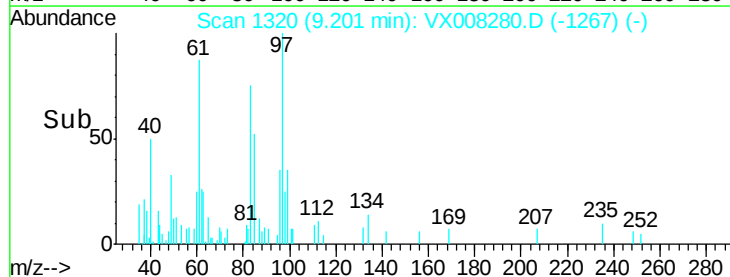
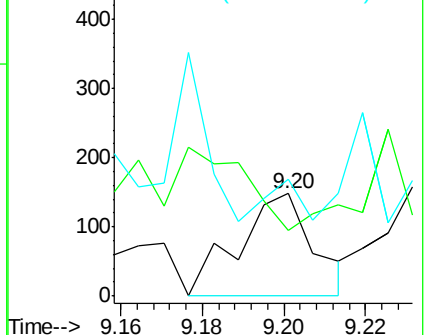
39 0.0 25.0 37.4#

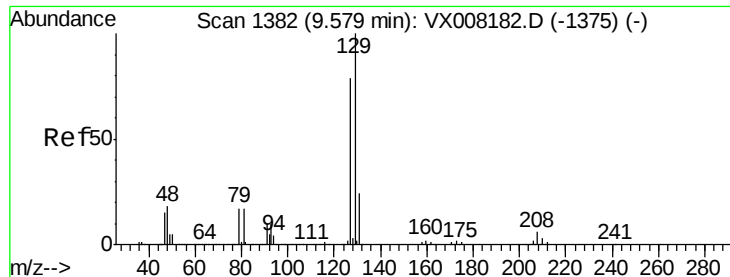


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#60

Dibromochloromethane

Concen: 2.270 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.24 min

Lab File: VX008280.D

Acq: 21 Mar 2019 07:51

Instrument :

MSVOA_X

ClientSampleId :

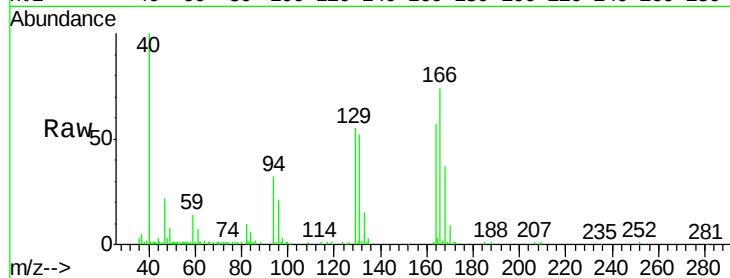
RE105D2-20190311

Tot Ion:129 Resp: 8327

Ion Ratio Lower Upper

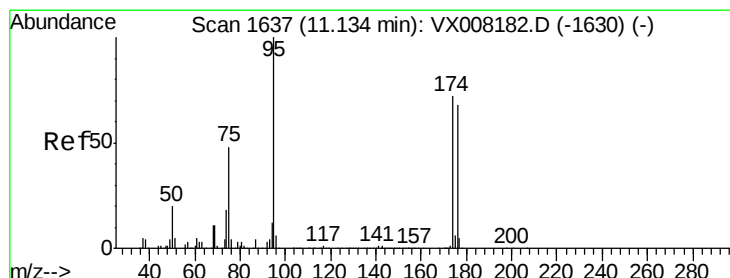
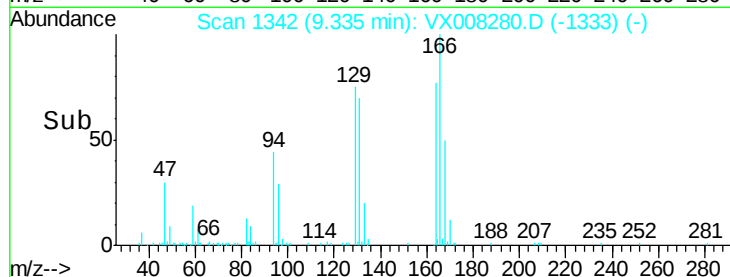
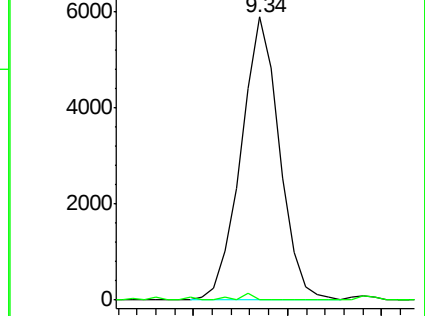
129 100

127 0.9 38.3 114.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 45.504 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008280.D

Acq: 21 Mar 2019 07:51

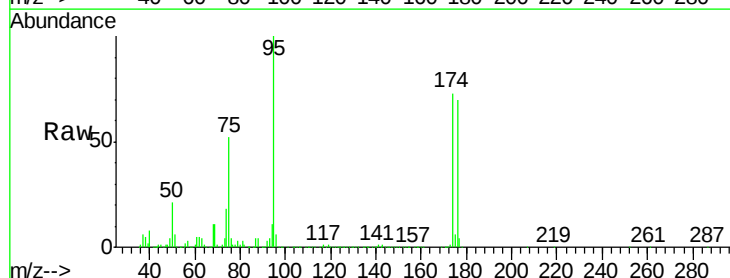
Tgt Ion: 95 Resp: 183743

Ion Ratio Lower Upper

95 100

174 79.9 0.0 182.8

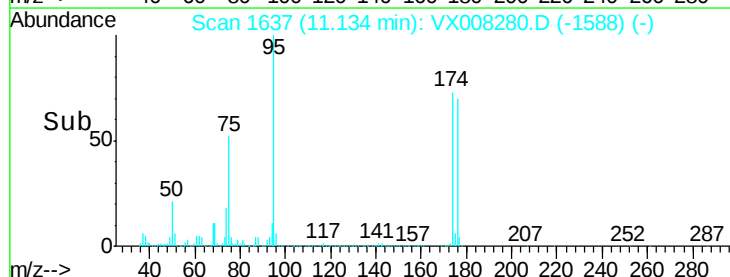
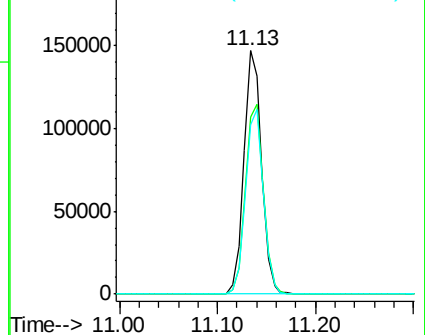
176 77.2 0.0 178.0

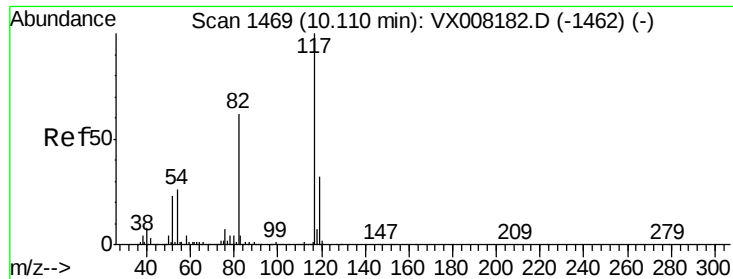


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

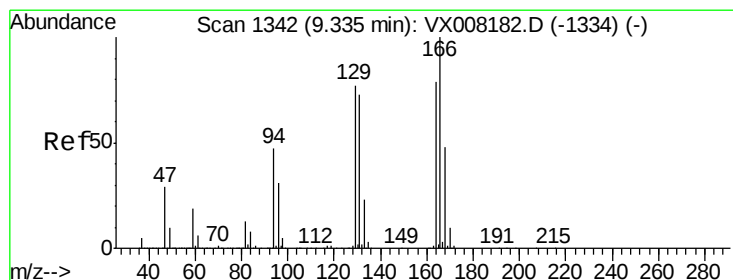
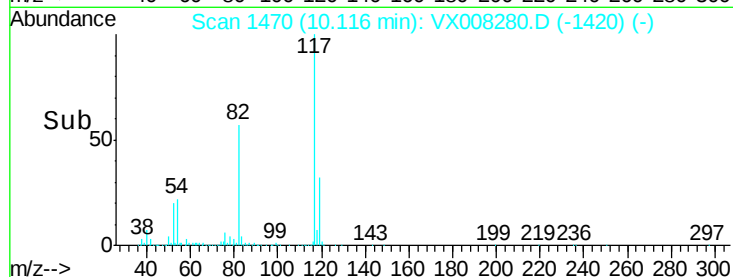
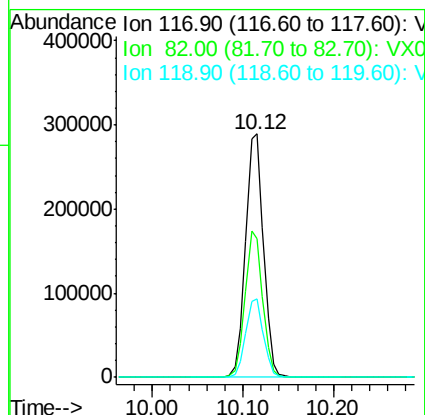
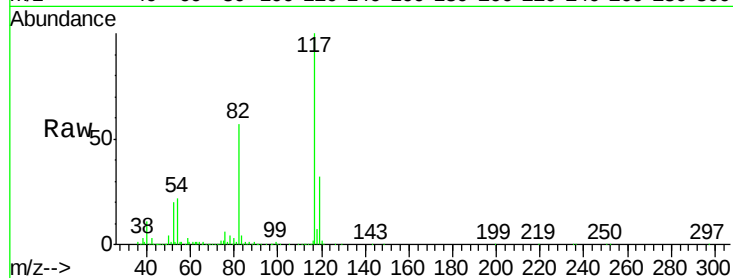




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008280.D
Acq: 21 Mar 2019 07:51

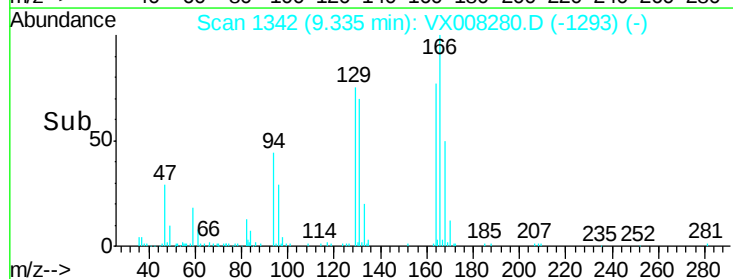
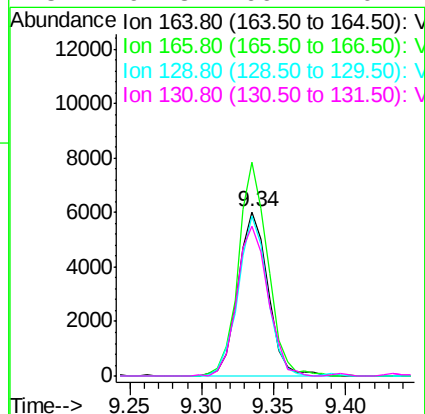
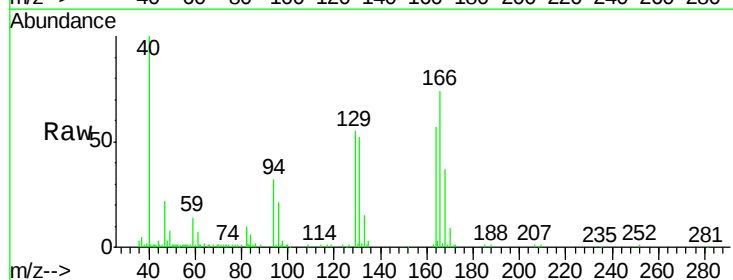
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20190311

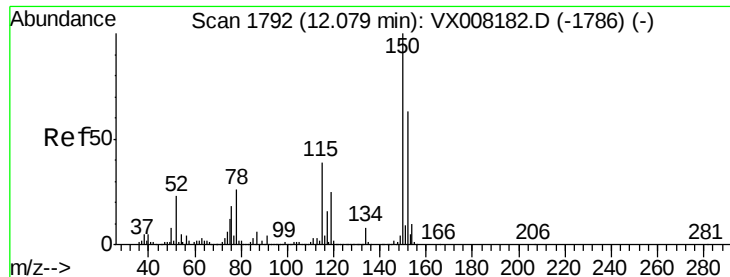
Tot Ion:117 Resp: 396243
Ion Ratio Lower Upper
117 100
82 56.8 44.3 66.5
119 32.0 25.3 37.9



#64
Tetrachloroethene
Concen: 2.462 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008280.D
Acq: 21 Mar 2019 07:51

Tgt Ion:164 Resp: 8802
Ion Ratio Lower Upper
164 100
166 130.2 103.4 155.0
129 97.6 72.2 108.4
131 91.3 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: VX008280.D

Acq: 21 Mar 2019 07:51

Instrument :

MSVOA_X

ClientSampleId :

RE105D2-20190311

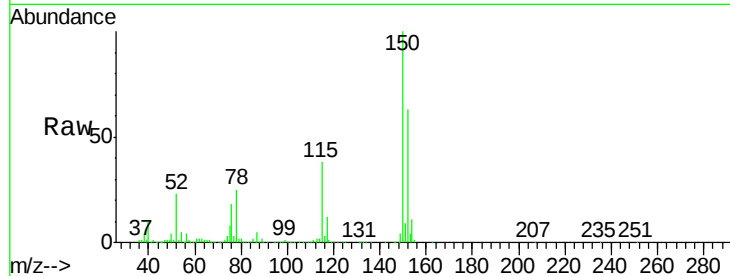
Tot Ion:152 Resp: 163110

Ion Ratio Lower Upper

152 100

115 59.9 38.6 115.7

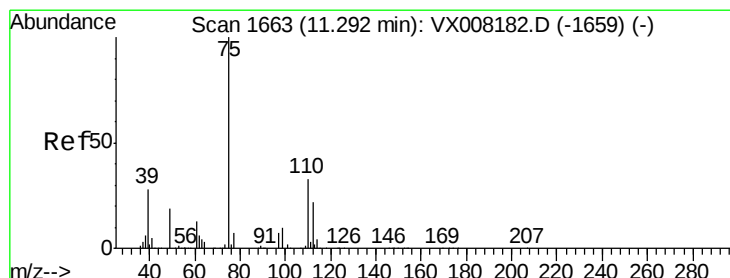
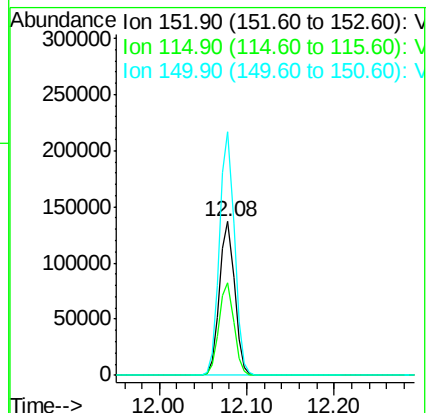
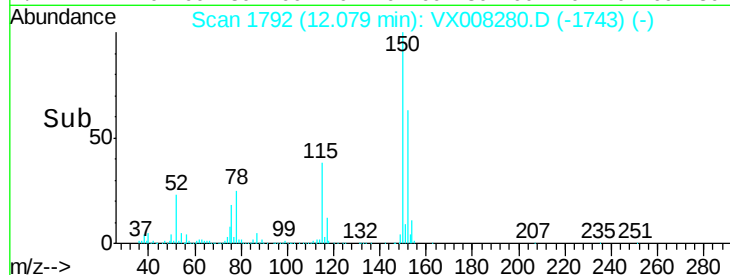
150 156.8 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 20.895 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008280.D

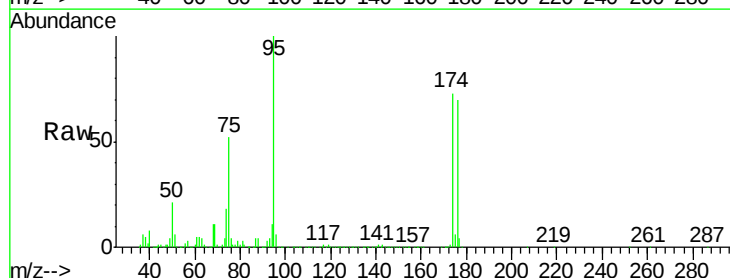
Acq: 21 Mar 2019 07:51

Tgt Ion: 75 Resp: 95858

Ion Ratio Lower Upper

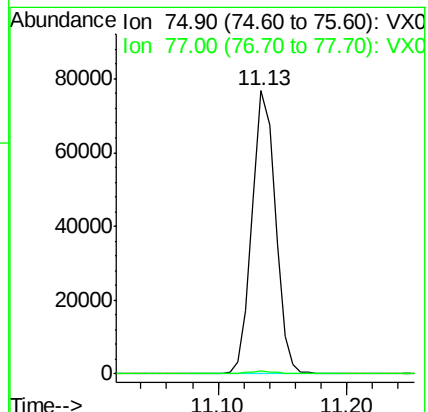
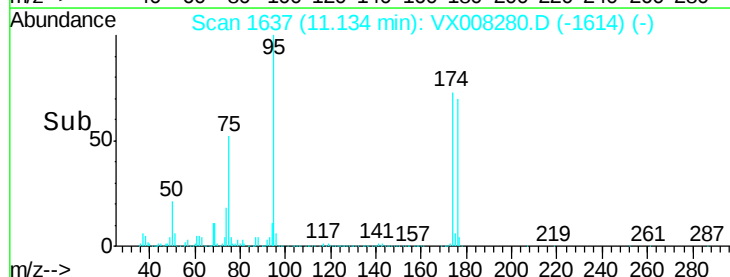
75 100

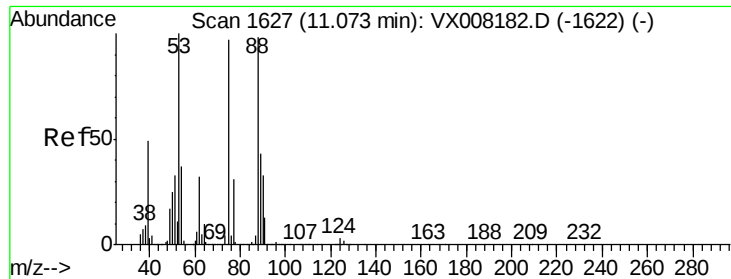
77 1.2 18.9 56.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 53.173 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008280.D

Acq: 21 Mar 2019 07:51

Instrument :

MSVOA_X

ClientSampleId :

RE105D2-20190311

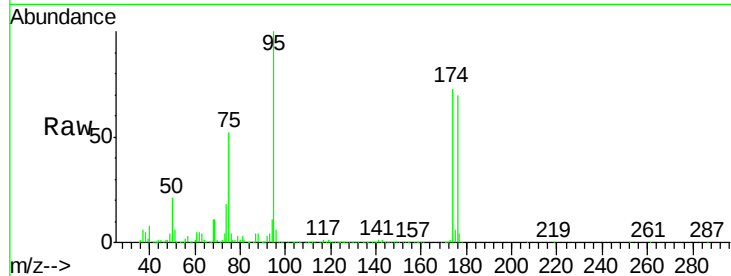
Tot Ion: 75 Resp: 95858

Ion Ratio Lower Upper

75 100

53 0.1 76.1 114.1#

89 0.0 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

