

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031919\
 Data File : VX008225.D
 Acq On : 20 Mar 2019 06:31
 Operator : JC/SP
 Sample : K1882-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 20 08:40:55 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	5.66	168	326278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	533721	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	451657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	179882	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	228998	46.60	ug/l	0.00
Spiked Amount			Recovery	=	93.20%	
35) Dibromofluoromethane	5.50	113	167722	46.94	ug/l	0.00
Spiked Amount			Recovery	=	93.88%	
50) Toluene-d8	8.71	98	661077	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
62) 4-Bromofluorobenzene	11.13	95	209490	44.91	ug/l	0.00
Spiked Amount			Recovery	=	89.82%	

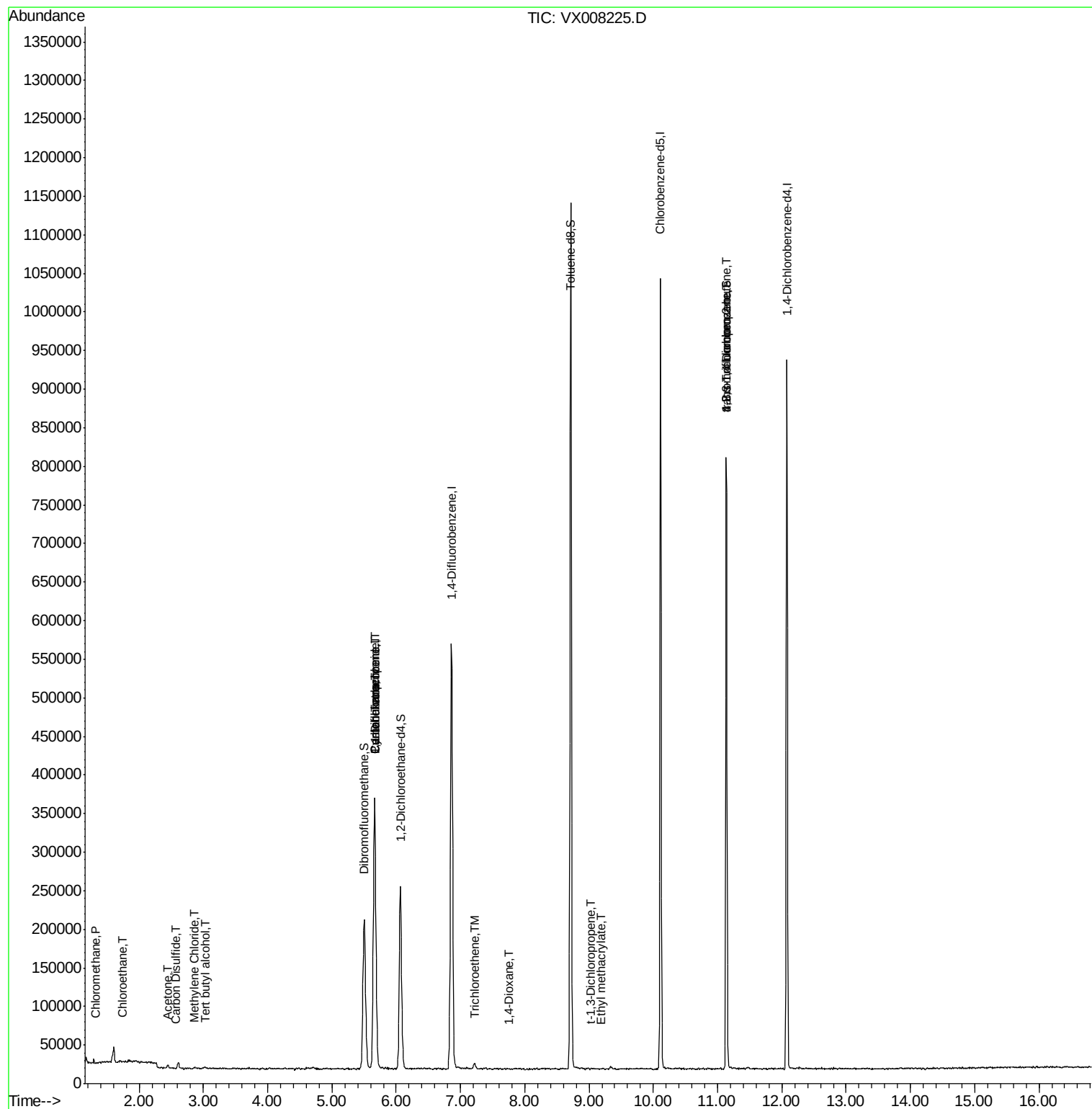
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1142	0.230	ug/l	99
6) Chloroethane	1.74	64	2426	0.782	ug/l #	81
11) Tert butyl alcohol	3.03	59	803	0.763	ug/l #	90
13) Acrolein	2.28	56	174	Below Cal	#	13
16) Acetone	2.45	43	4678	1.678	ug/l	96
17) Carbon Disulfide	2.57	76	726	0.731	ug/l #	29
20) Methylene Chloride	2.87	84	985	0.212	ug/l #	76
31) Cyclohexane	5.66	56	8018	0.984	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	26939	4.335	ug/l #	49
38) Carbon Tetrachloride	5.66	117	32889	5.940	ug/l #	16
44) Trichloroethene	7.23	130	2968	0.660	ug/l	88
49) 1,4-Dioxane	7.75	88	67	0.606	ug/l #	1
53) t-1,3-Dichloropropene	9.02	75	141	1.441	ug/l #	52
56) Ethyl methacrylate	9.18	69	51	0.532	ug/l #	25
76) 1,2,3-Trichloropropane	11.13	75	109316	21.607	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	109316	54.935	ug/l #	12

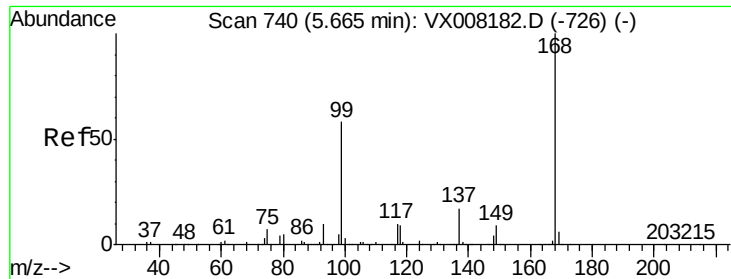
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX031919\
Data File : VX008225.D
Acq On : 20 Mar 2019 06:31
Operator : JC/SP
Sample : K1882-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 20 08:40:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
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: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008225.D

Acq: 20 Mar 2019 06:31

Instrument :

MSVOA_X

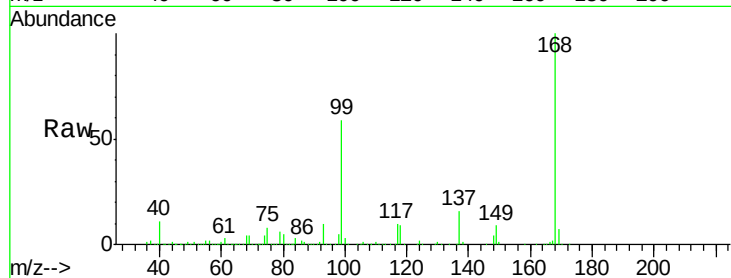
ClientSampled :

Tot Ion:168 Resp: 326278

Ion Ratio Lower Upper

168 100

99 58.5 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

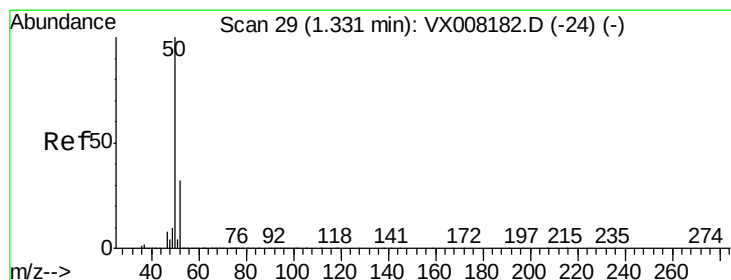
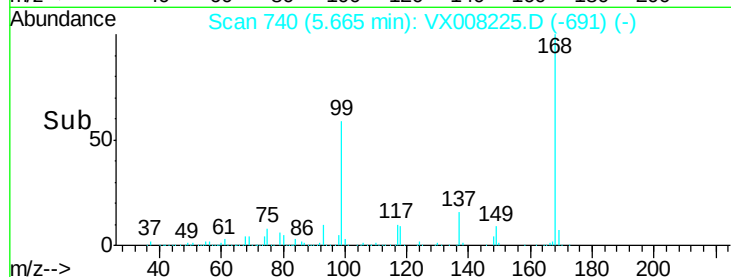
5.66

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.230 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008225.D

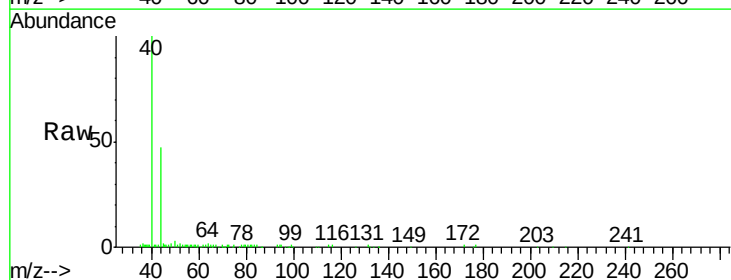
Acq: 20 Mar 2019 06:31

Tgt Ion: 50 Resp: 1142

Ion Ratio Lower Upper

50 100

52 33.6 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

500

400

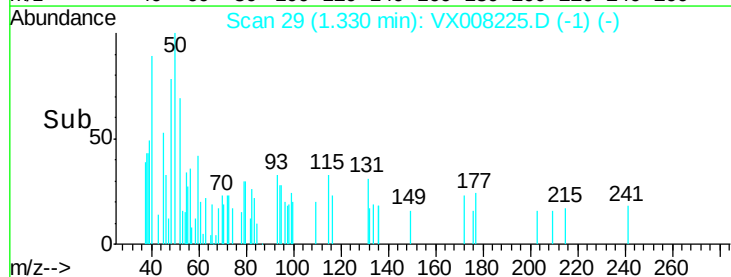
300

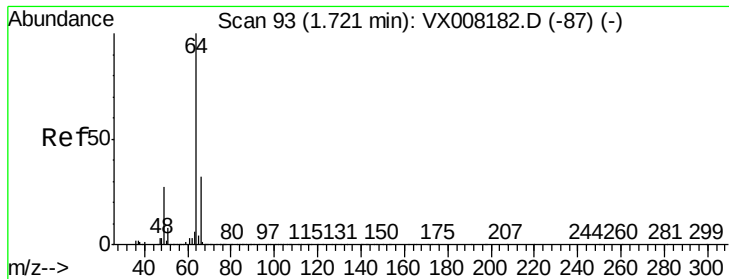
200

100

0

Time-->





#6

Chloroethane

Concen: 0.782 ug/l

RT: 1.74 min Scan# 97

Delta R.T. 0.02 min

Lab File: VX008225.D

Acq: 20 Mar 2019 06:31

Instrument :

MSVOA_X

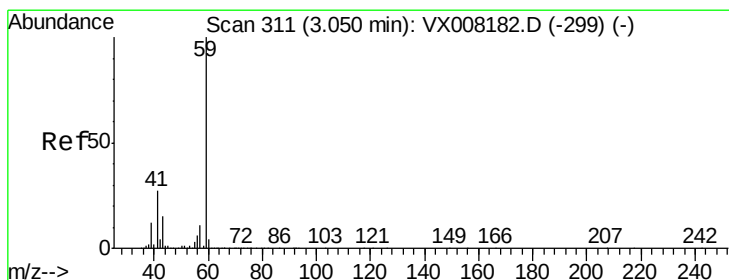
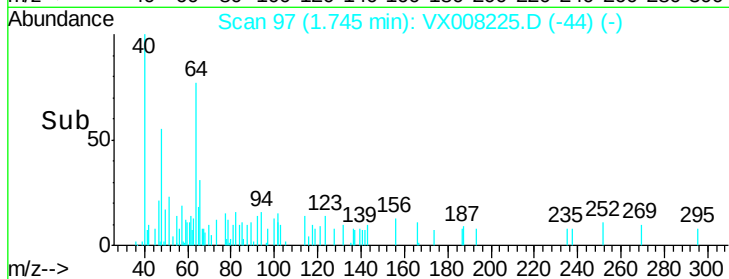
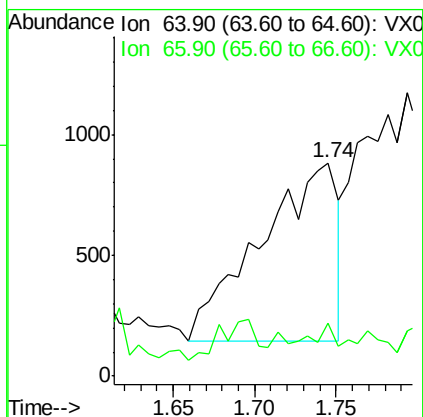
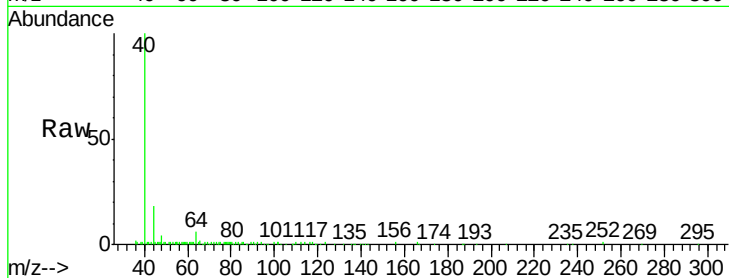
ClientSampleId :

Tot Ion: 64 Resp: 2426

Ion Ratio Lower Upper

64 100

66 21.1 25.2 37.8#



#11

Tert butyl alcohol

Concen: 0.763 ug/l

RT: 3.03 min Scan# 308

Delta R.T. -0.02 min

Lab File: VX008225.D

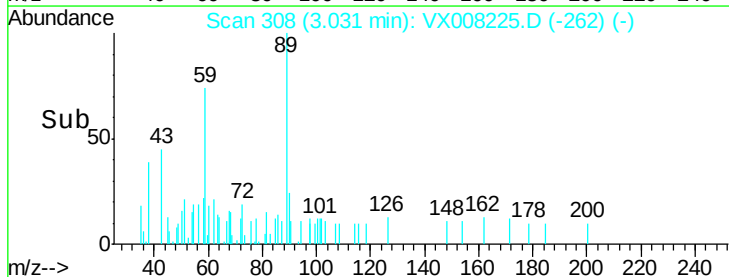
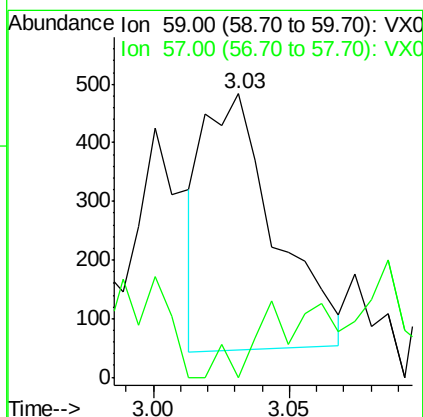
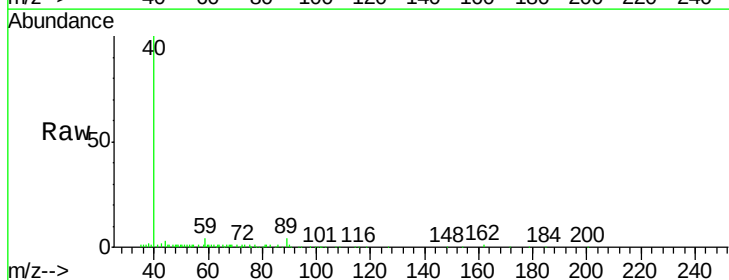
Acq: 20 Mar 2019 06:31

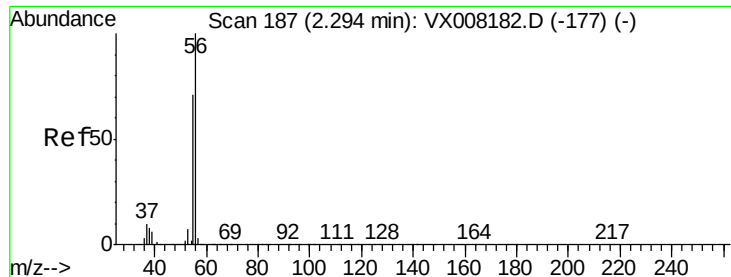
Tgt Ion: 59 Resp: 803

Ion Ratio Lower Upper

59 100

57 14.1 8.2 12.2#





#13

Acrolein

Concen: Below Cal

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX008225.D

Acq: 20 Mar 2019 06:31

Instrument :

MSVOA_X

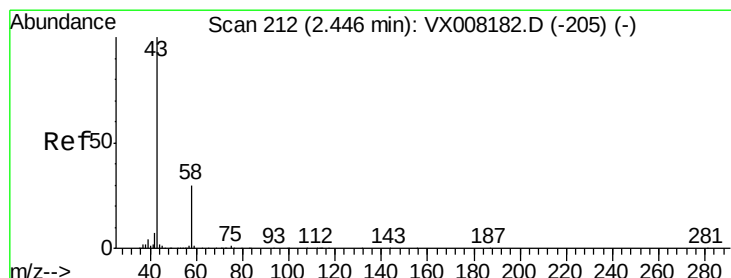
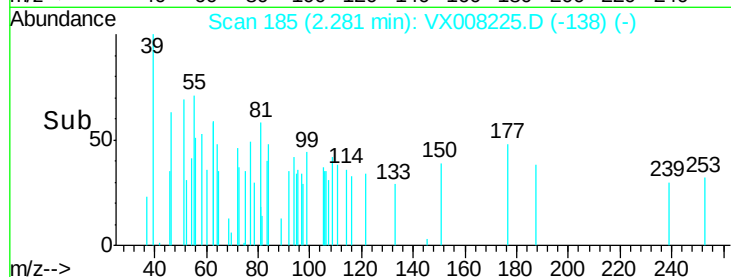
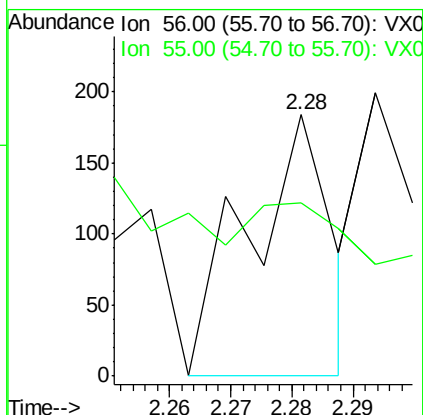
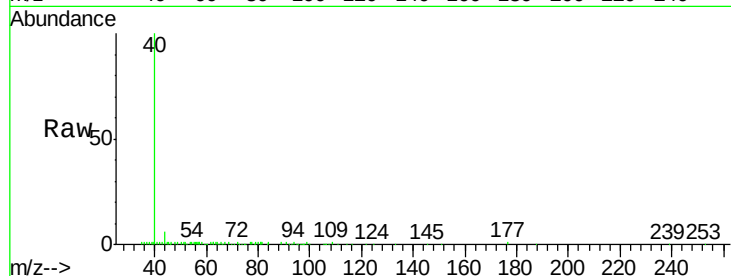
ClientSampled :

Tot Ion: 56 Resp: 174

Ion Ratio Lower Upper

56 100

55 0.0 57.8 86.6#



#16

Acetone

Concen: 1.678 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008225.D

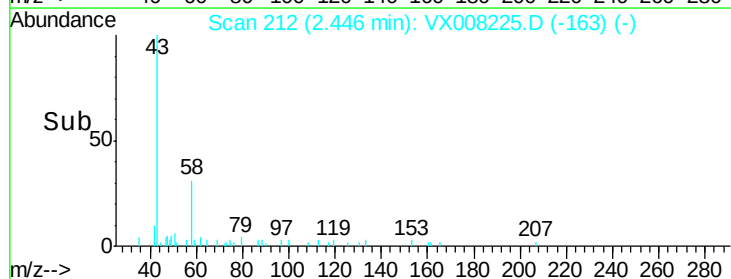
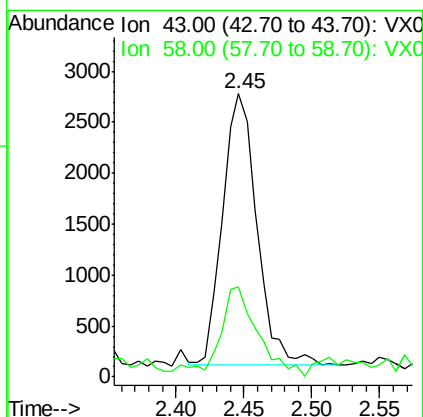
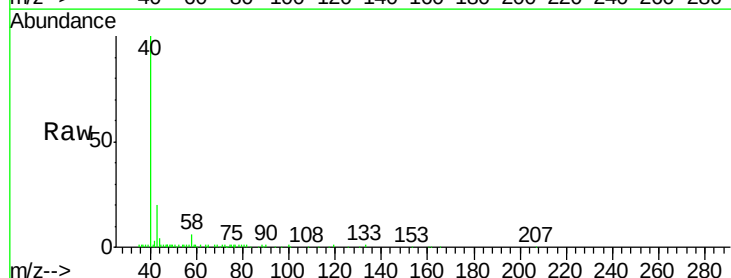
Acq: 20 Mar 2019 06:31

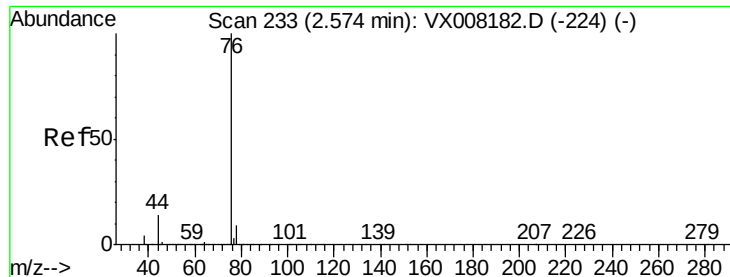
Tgt Ion: 43 Resp: 4678

Ion Ratio Lower Upper

43 100

58 29.9 25.5 38.3





#17

Carbon Disulfide

Concen: 0.731 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX008225.D

Acq: 20 Mar 2019 06:31

Instrument :

MSVOA_X

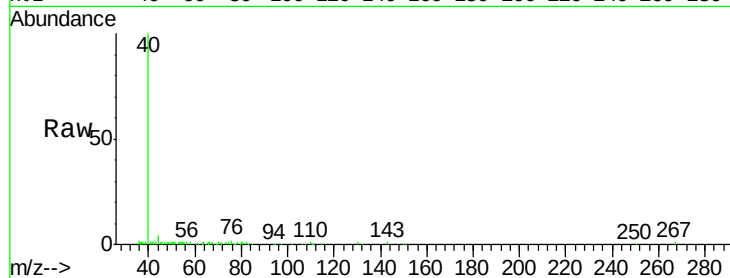
ClientSampled :

Tot Ion: 76 Resp: 726

Ion Ratio Lower Upper

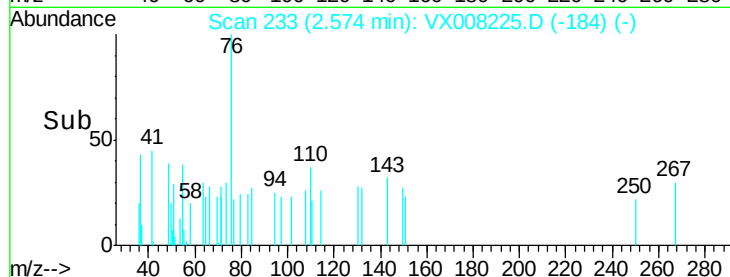
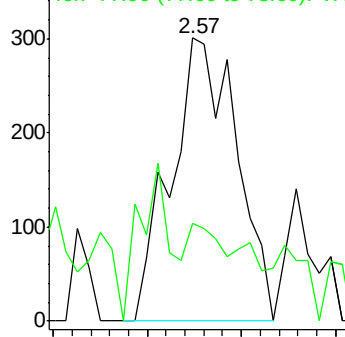
76 100

78 34.6 7.2 10.8#

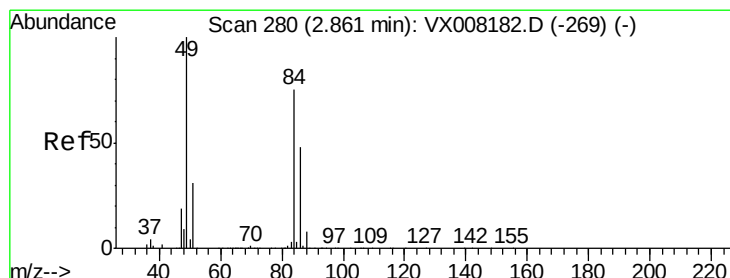


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#20

Methylene Chloride

Concen: 0.212 ug/l

RT: 2.87 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX008225.D

Acq: 20 Mar 2019 06:31

Tgt Ion: 84 Resp: 985

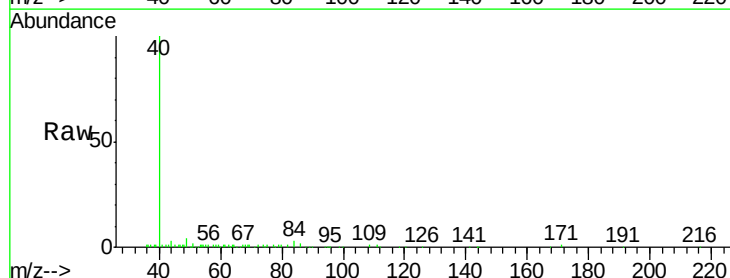
Ion Ratio Lower Upper

84 100

49 103.3 99.3 148.9

51 31.4 31.3 46.9

86 33.2 52.6 79.0#

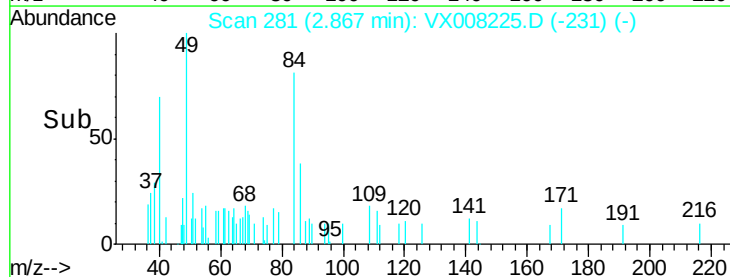
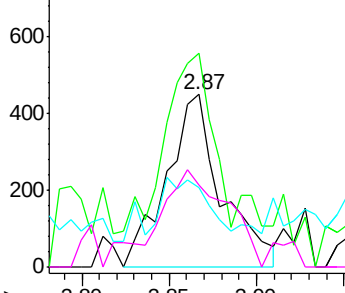


Abundance Ion 83.90 (83.60 to 84.60): VX0

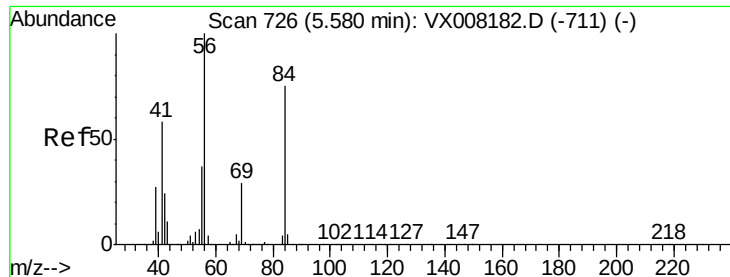
Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



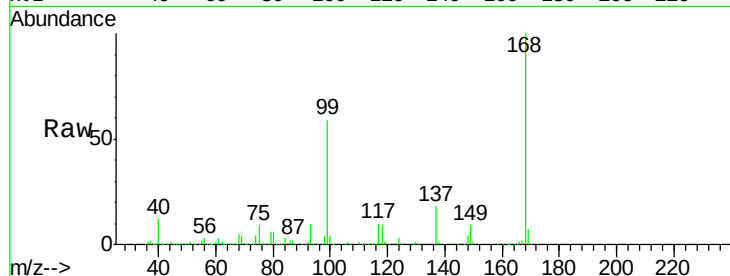
Time-->



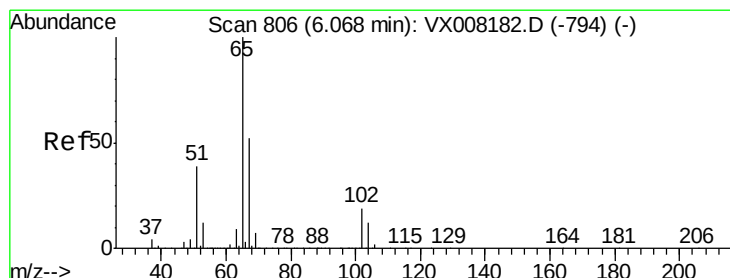
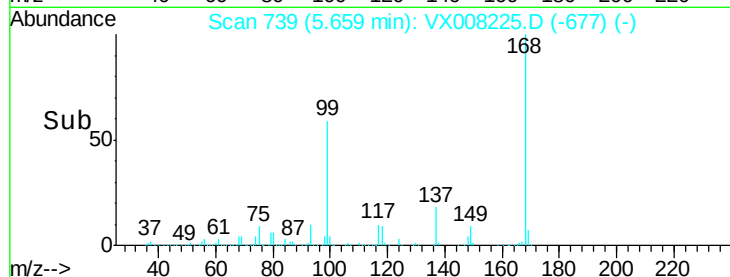
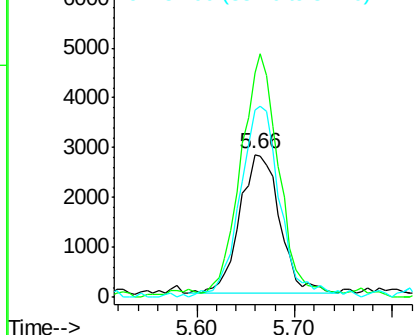
#31
Cyclohexane
Concen: 0.984 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX008225.D
Acq: 20 Mar 2019 06:31

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 8018
Ion Ratio Lower Upper
56 100
69 157.8 24.0 36.0#
84 135.1 65.3 97.9#

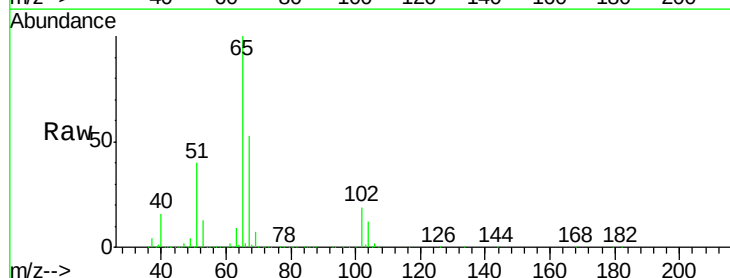


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

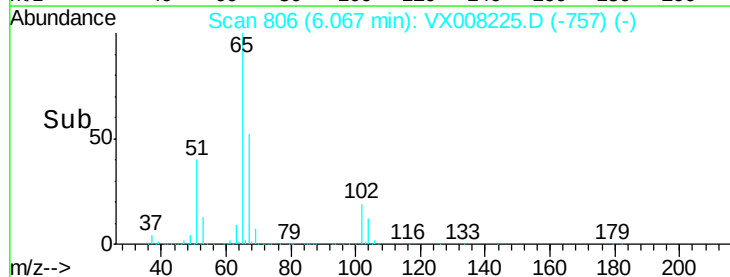
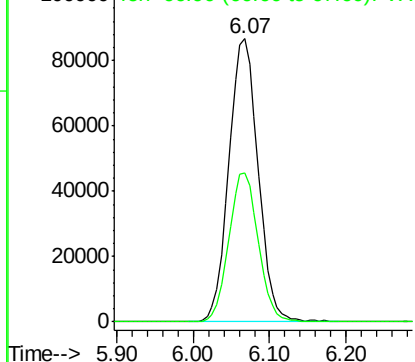


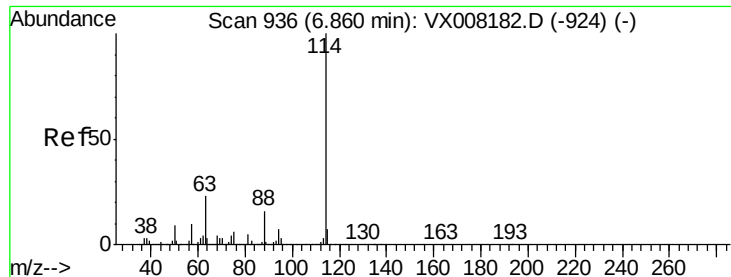
#33
1,2-Dichloroethane-d4
Concen: 46.601 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX008225.D
Acq: 20 Mar 2019 06:31

Tgt Ion: 65 Resp: 228998
Ion Ratio Lower Upper
65 100
67 53.2 0.0 110.0



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008225.D

Acq: 20 Mar 2019 06:31

Instrument :

MSVOA_X

ClientSampleId :

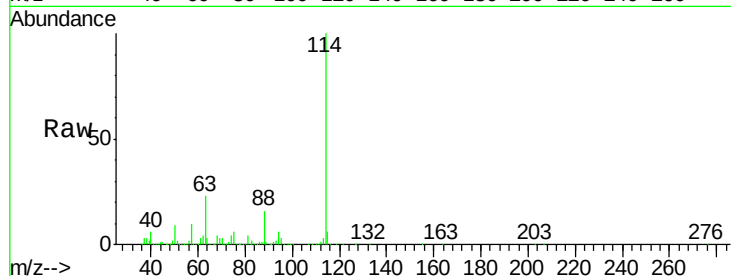
Tot Ion:114 Resp: 533721

Ion Ratio Lower Upper

114 100

63 22.7 0.0 39.8

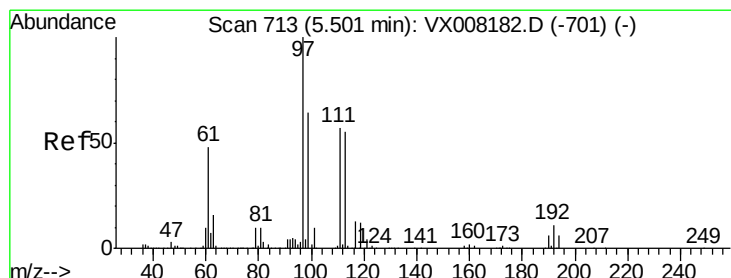
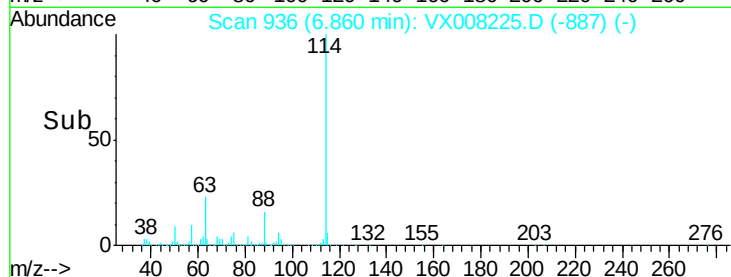
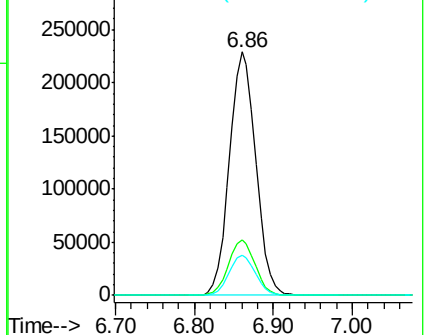
88 16.3 0.0 31.4



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: 46.943 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008225.D

Acq: 20 Mar 2019 06:31

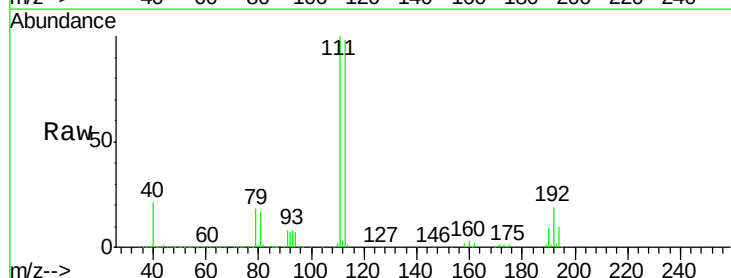
Tgt Ion:113 Resp: 167722

Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

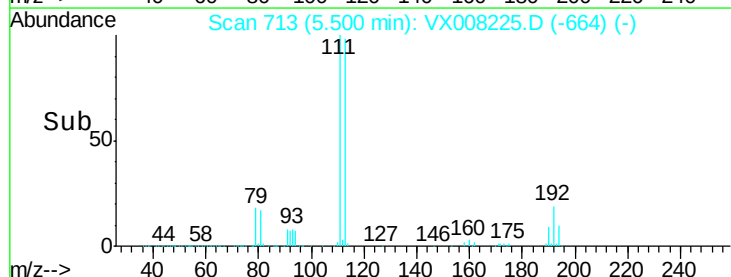
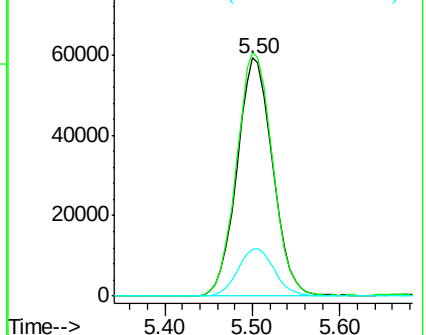
192 20.5 19.4 29.0

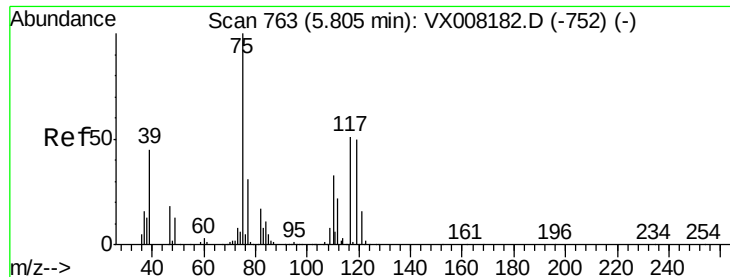


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.335 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.14 min

Lab File: VX008225.D

Acq: 20 Mar 2019 06:31

Instrument :

MSVOA_X

ClientSampleId :

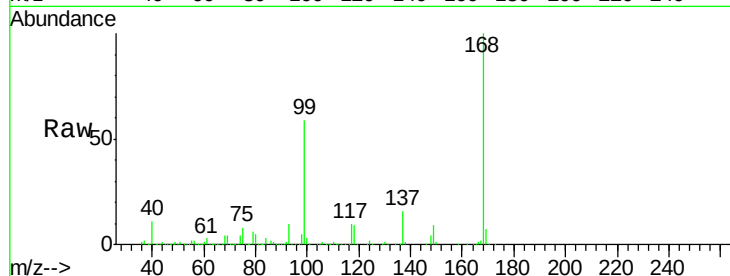
Tot Ion: 75 Resp: 26939

Ion Ratio Lower Upper

75 100

110 9.4 18.4 55.0#

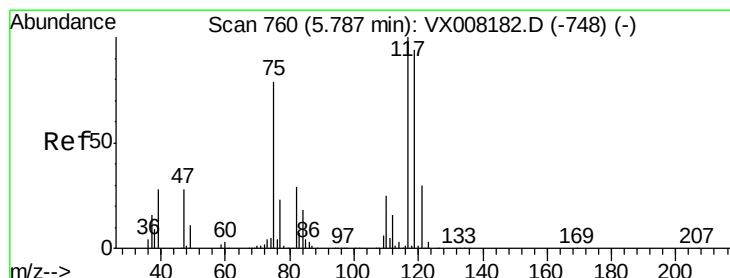
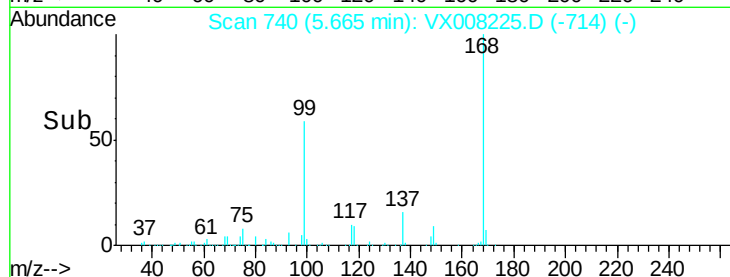
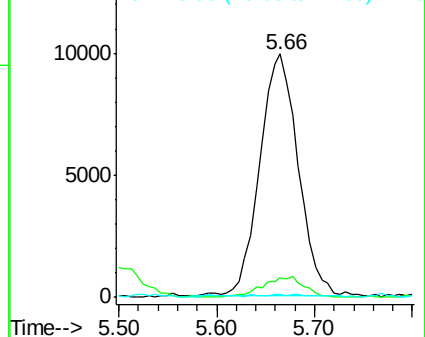
77 0.3 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 5.940 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX008225.D

Acq: 20 Mar 2019 06:31

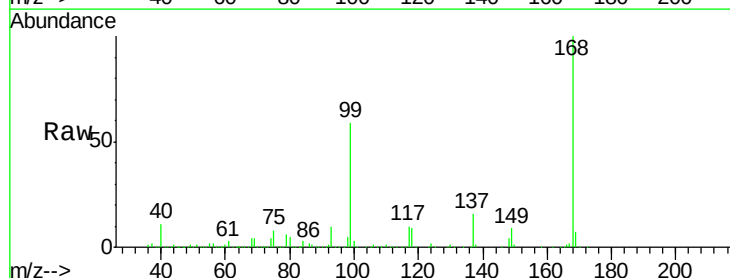
Tgt Ion:117 Resp: 32889

Ion Ratio Lower Upper

117 100

119 4.6 76.2 114.2#

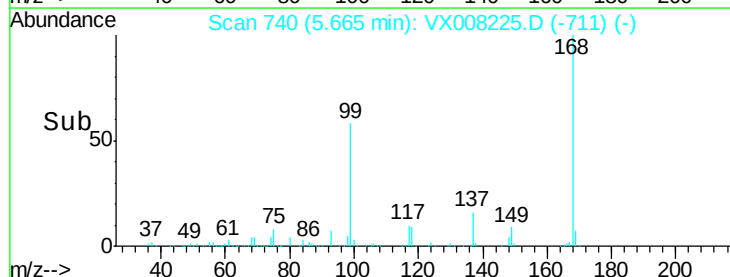
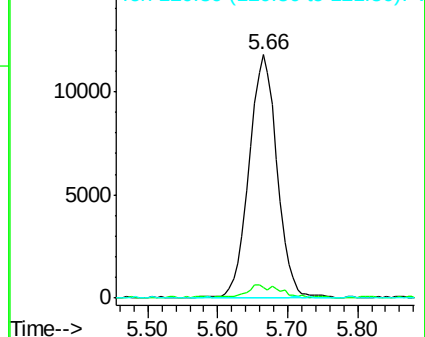
121 0.0 24.6 36.8#

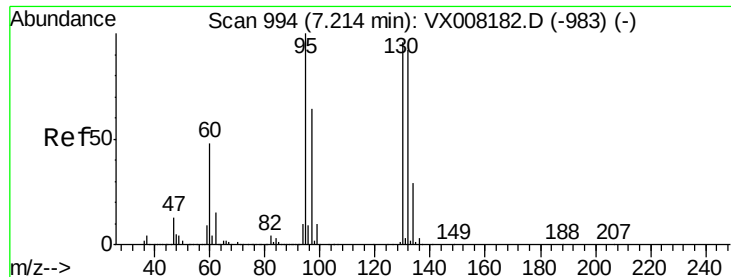


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#44

Trichloroethene

Concen: 0.660 ug/l

RT: 7.23 min Scan# 996

Delta R.T. 0.01 min

Lab File: VX008225.D

Acq: 20 Mar 2019 06:31

Instrument :

MSVOA_X

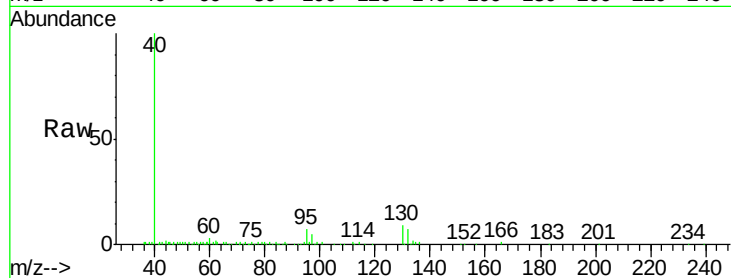
ClientSampleId :

Tot Ion:130 Resp: 2968

Ion Ratio Lower Upper

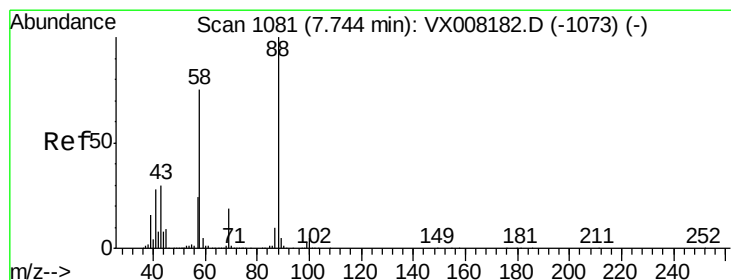
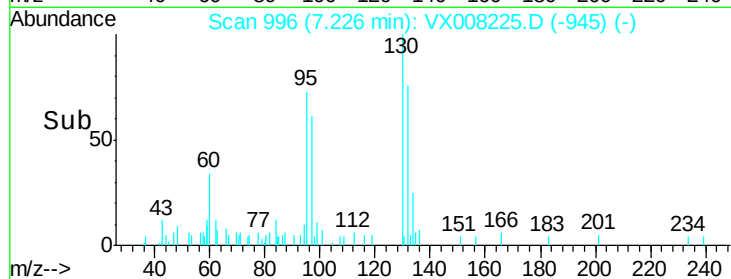
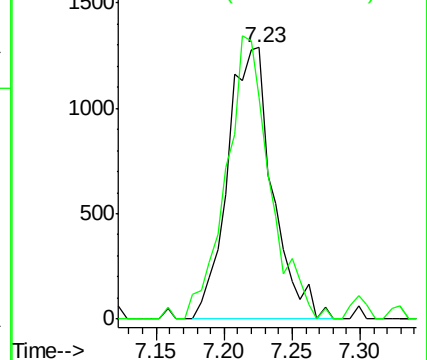
130 100

95 82.0 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: 0.606 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.01 min

Lab File: VX008225.D

Acq: 20 Mar 2019 06:31

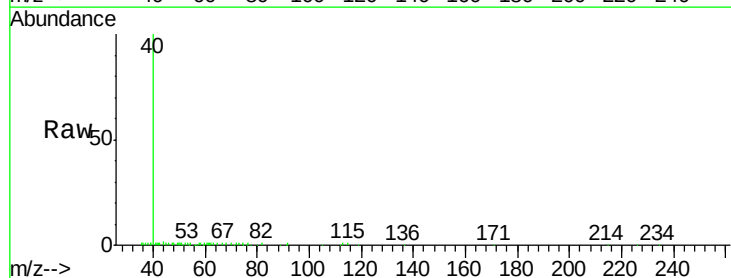
Tgt Ion: 88 Resp: 67

Ion Ratio Lower Upper

88 100

43 189.6 25.1 37.7#

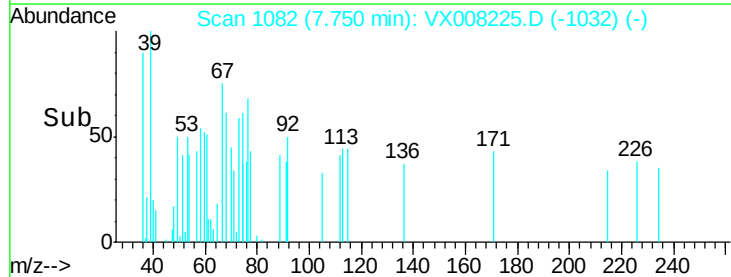
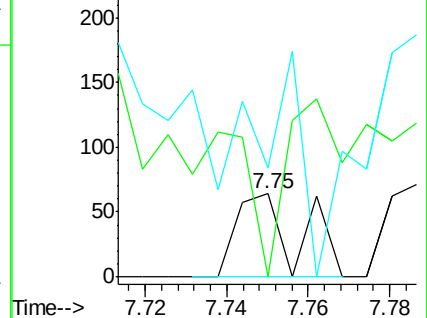
58 214.9 57.8 86.6#

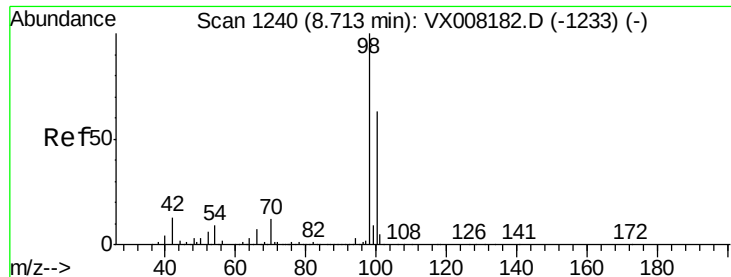


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

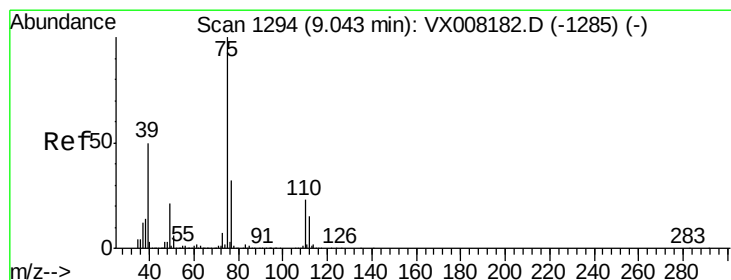
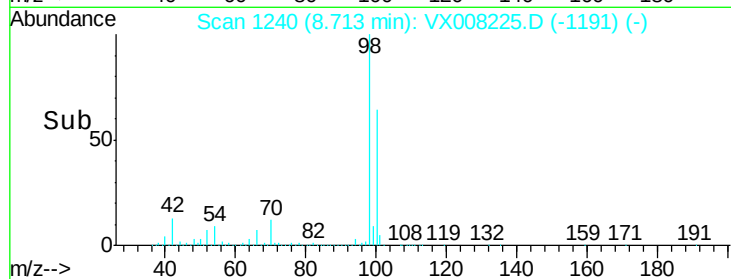
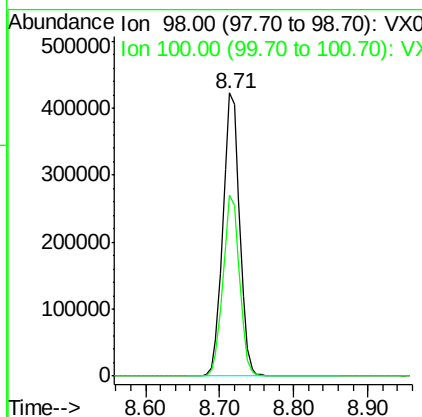
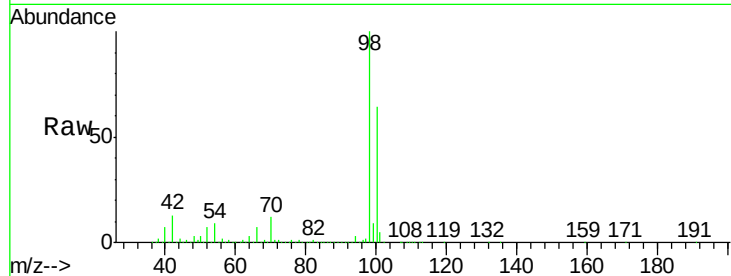




#50
Toluene-d8
Concen: 48.802 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008225.D
Acq: 20 Mar 2019 06:31

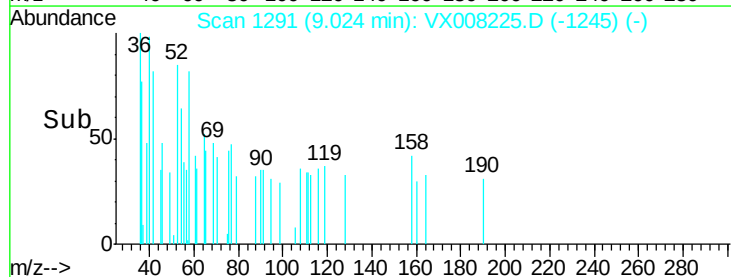
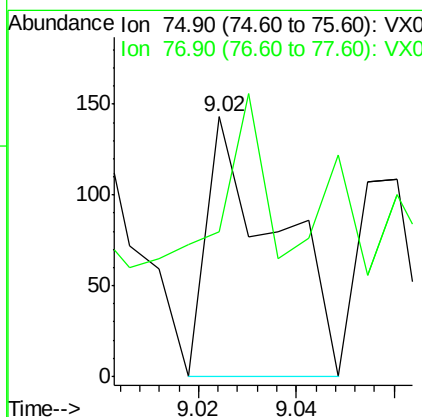
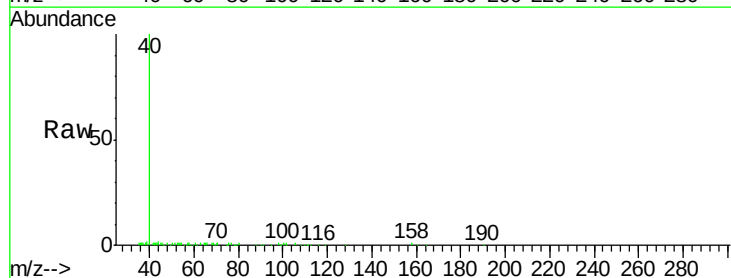
Instrument :
MSVOA_X
ClientSampleId :

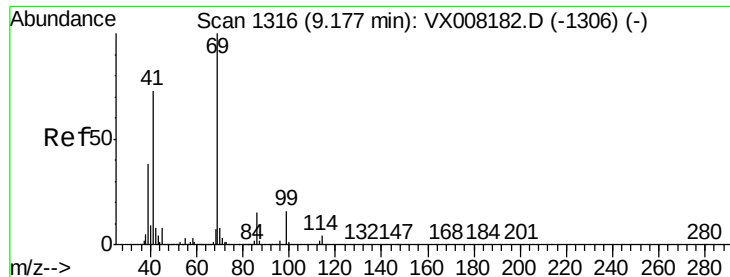
Tot Ion: 98 Resp: 661077
Ion Ratio Lower Upper
98 100
100 63.1 51.7 77.5



#53
t-1,3-Dichloropropene
Concen: 1.441 ug/l
RT: 9.02 min Scan# 1291
Delta R.T. -0.02 min
Lab File: VX008225.D
Acq: 20 Mar 2019 06:31

Tgt Ion: 75 Resp: 141
Ion Ratio Lower Upper
75 100
77 4.9 25.4 38.0#





#56

Ethyl methacrylate

Concen: 0.532 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX008225.D

Acq: 20 Mar 2019 06:31

Instrument :
MSVOA_X
ClientSampled :

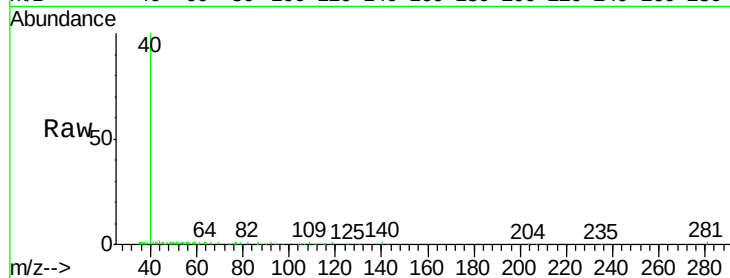
Tot Ion: 69 Resp: 51

Ion Ratio Lower Upper

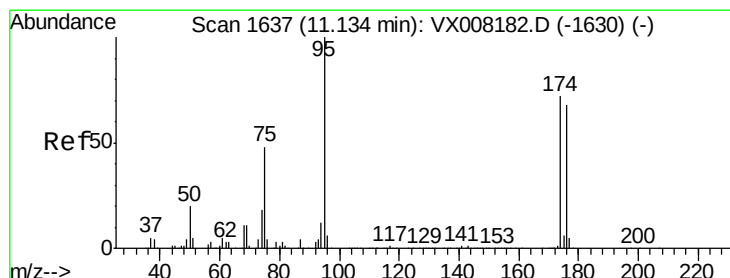
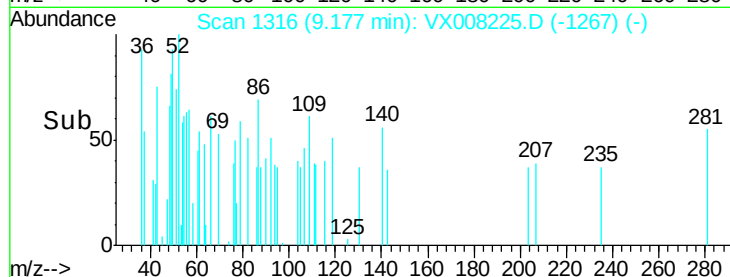
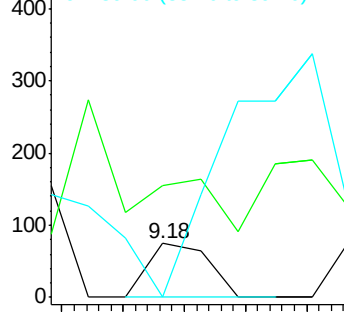
69 100

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



#62

4-Bromofluorobenzene

Concen: 44.914 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008225.D

Acq: 20 Mar 2019 06:31

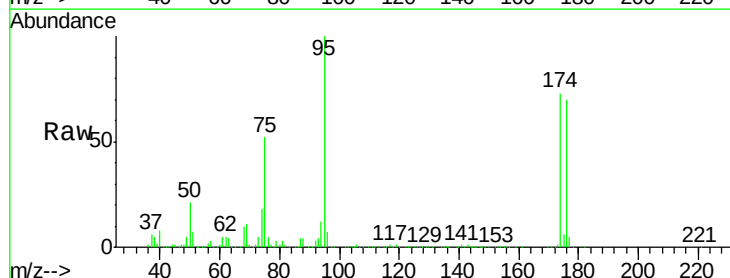
Tgt Ion: 95 Resp: 209490

Ion Ratio Lower Upper

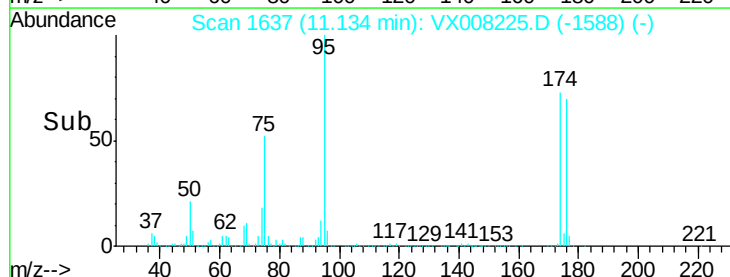
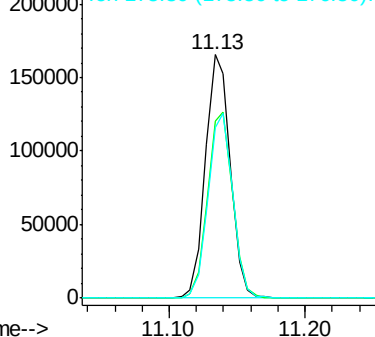
95 100

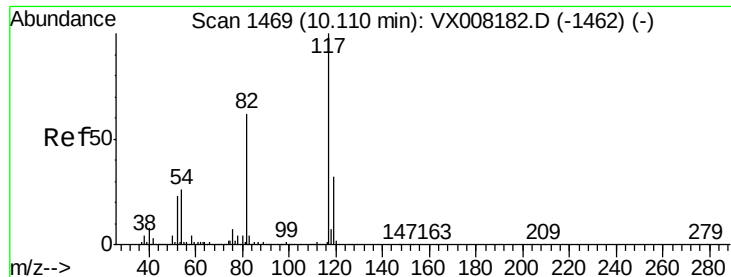
174 77.7 0.0 182.8

176 75.8 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

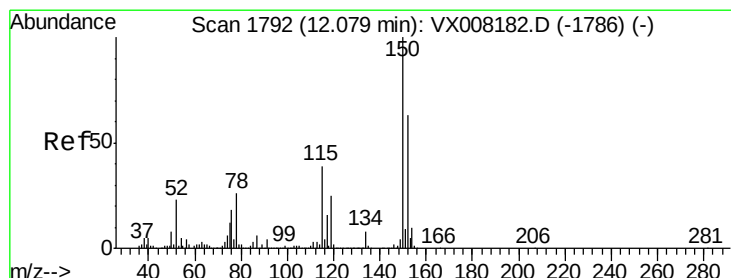
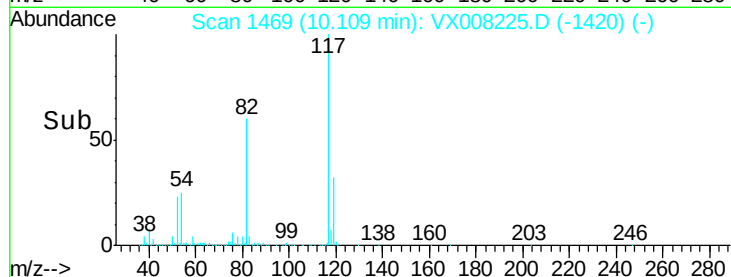
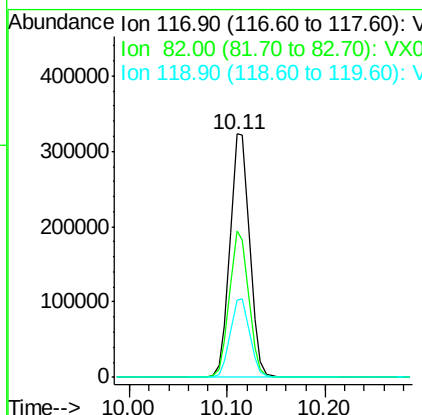
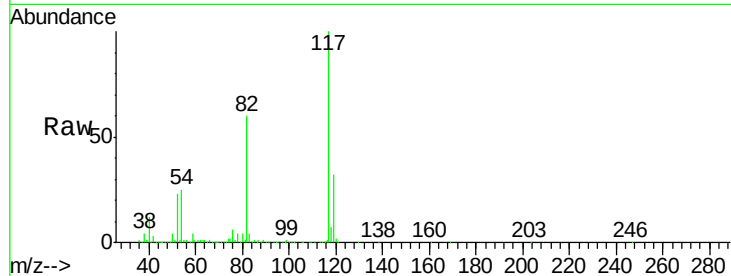




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008225.D
Acq: 20 Mar 2019 06:31

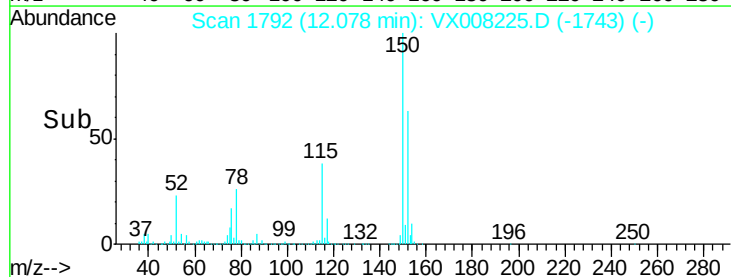
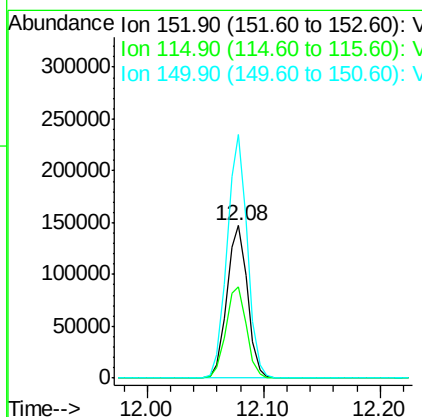
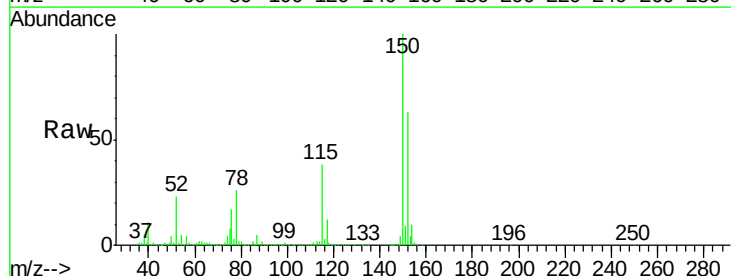
Instrument :
MSVOA_X
ClientSampleId :

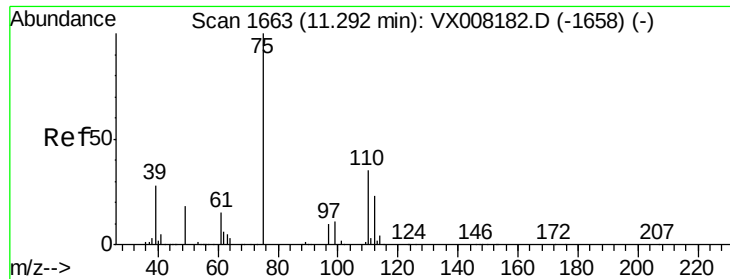
Tot Ion	Ratio	Lower	Upper
117	100		
82	60.2	44.3	66.5
119	31.8	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008225.D
Acq: 20 Mar 2019 06:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.4	38.6	115.7
150	156.1	0.0	348.4

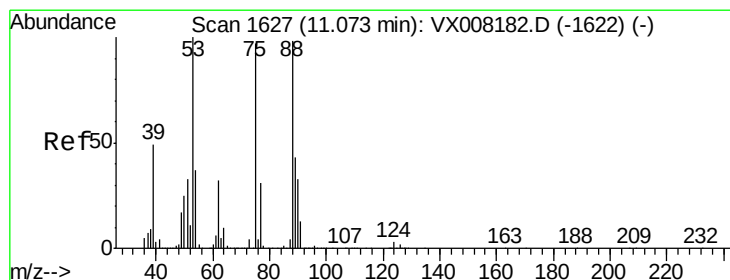
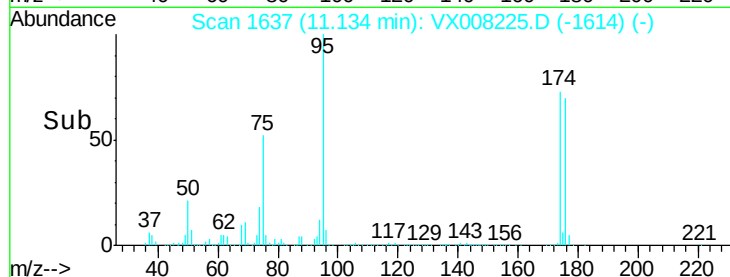
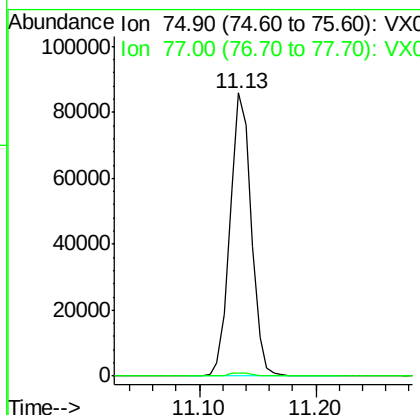
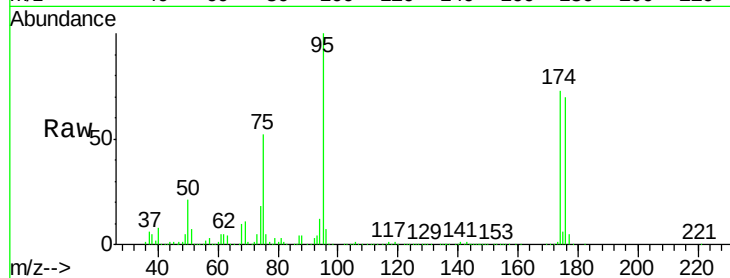




#76
 1,2,3-Trichloropropane
 Concen: 21.607 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX008225.D
 Acq: 20 Mar 2019 06:31

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 75 Resp: 109316
 Ion Ratio Lower Upper
 75 100
 77 1.5 18.9 56.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.935 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX008225.D
 Acq: 20 Mar 2019 06:31

Tgt Ion: 75 Resp: 109316
 Ion Ratio Lower Upper
 75 100
 53 0.3 76.1 114.1#
 89 0.1 36.3 54.5#

