

Data File : VX008816.D
Acq On : 10 Apr 2019 19:26
Operator : JC/SP
Sample : K2295-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-190403

Quant Time: Apr 11 05:49:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	207221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	336060	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	288704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122229	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	140100	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	
35) Dibromofluoromethane	5.50	113	102054	47.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.00%	
50) Toluene-d8	8.71	98	422632	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
62) 4-Bromofluorobenzene	11.13	95	138614	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	

Target Compounds

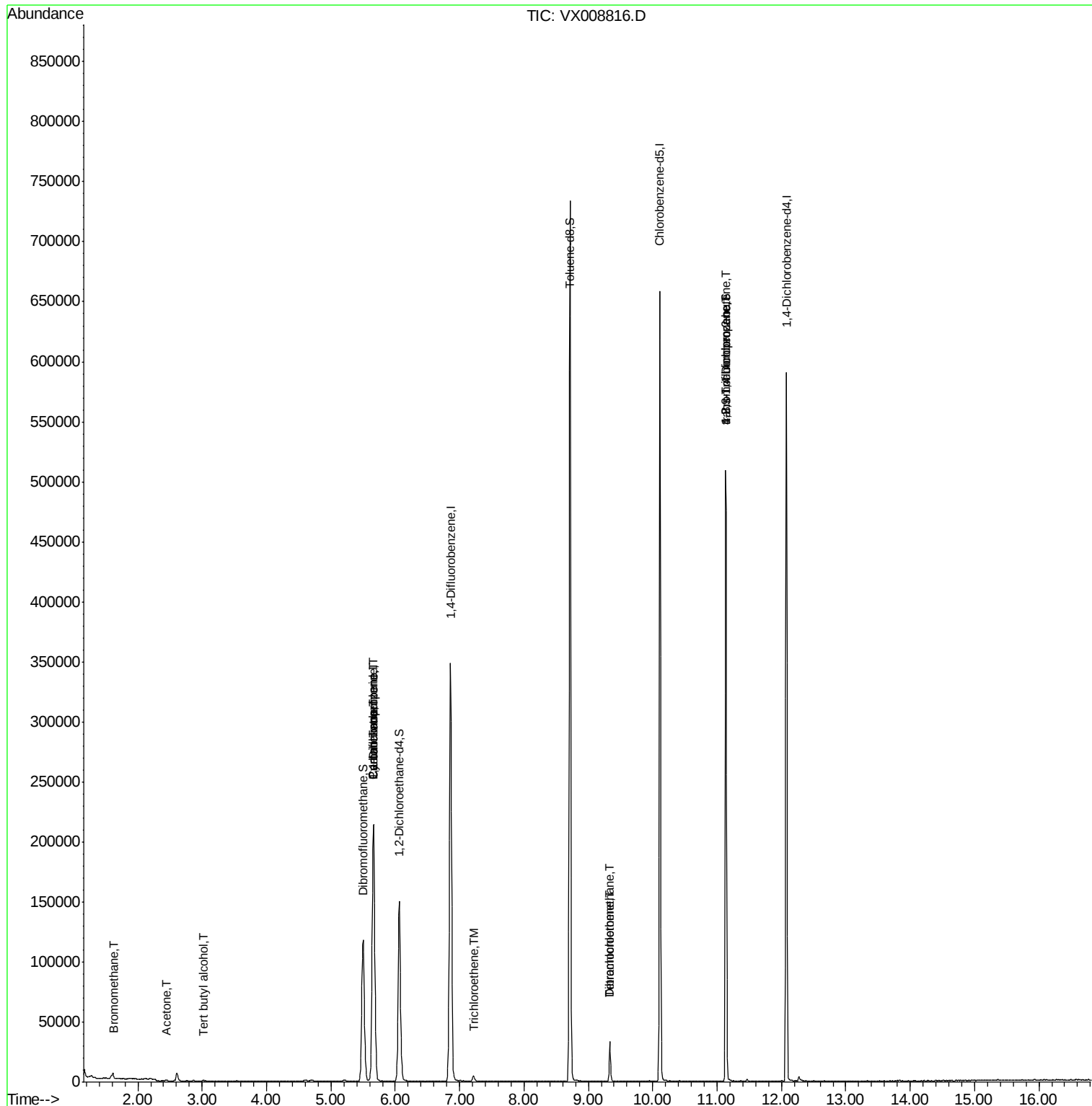
					Qvalue	
3) Chloromethane	1.33	50	313	Below Cal	#	81
5) Bromomethane	1.64	94	170	1.988	ug/l #	79
6) Chloroethane	1.68	64	91	Below Cal	#	43
11) Tert butyl alcohol	3.03	59	553	0.782	ug/l #	83
16) Acetone	2.44	43	1136	0.653	ug/l	96
17) Carbon Disulfide	2.57	76	445	Below Cal	#	75
28) Bromochloromethane	5.01	49	38	Below Cal	#	22
31) Cyclohexane	5.67	56	4681	0.896	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	16684	4.542	ug/l #	50
38) Carbon Tetrachloride	5.67	117	19571	6.437	ug/l #	17
44) Trichloroethene	7.21	130	1603	0.629	ug/l	73
60) Dibromochloromethane	9.34	129	5814	2.382	ug/l #	11
64) Tetrachloroethene	9.34	164	6130	2.866	ug/l	97
76) 1,2,3-Trichloropropane	11.13	75	70274	20.929	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	70274	57.692	ug/l #	9

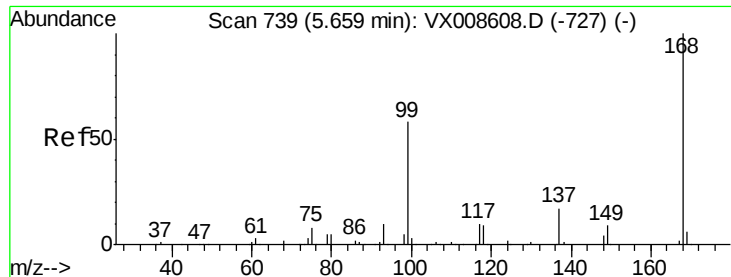
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VX008816.D
Acq On : 10 Apr 2019 19:26
Operator : JC/SP
Sample : K2295-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-190403

Quant Time: Apr 11 05:49:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008816.D

Acq: 10 Apr 2019 19:26

Instrument :

MSVOA_X

ClientSampleId :

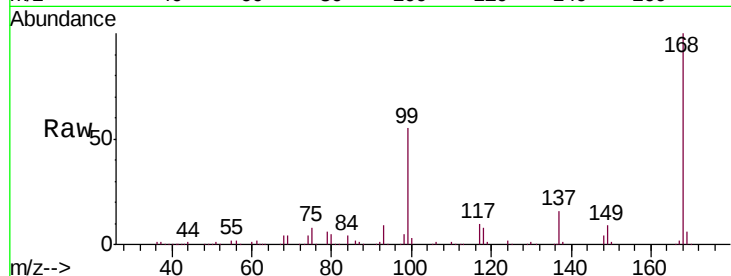
ST008MW214-190403

Tgt Ion:168 Resp: 207221

Ion Ratio Lower Upper

168 100

99 54.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

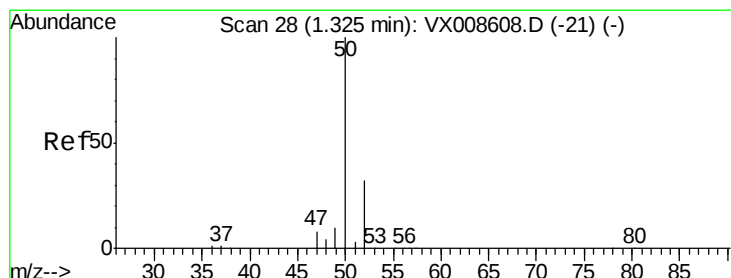
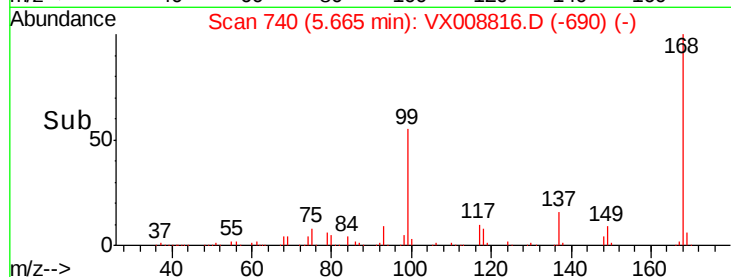
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX008816.D

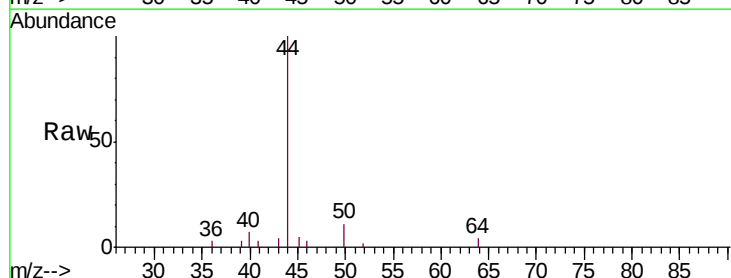
Acq: 10 Apr 2019 19:26

Tgt Ion: 50 Resp: 313

Ion Ratio Lower Upper

50 100

52 21.9 25.8 38.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

300

250

200

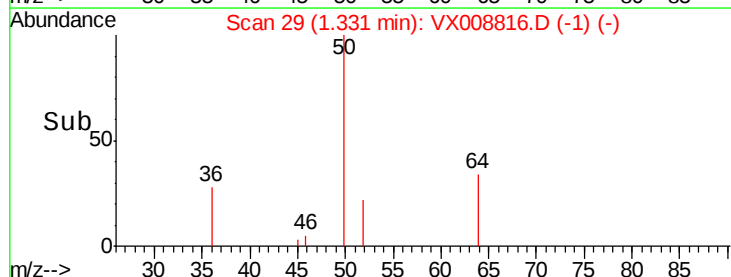
150

100

50

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: 1.988 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008816.D

Acq: 10 Apr 2019 19:26

Instrument :

MSVOA_X

ClientSampleId :

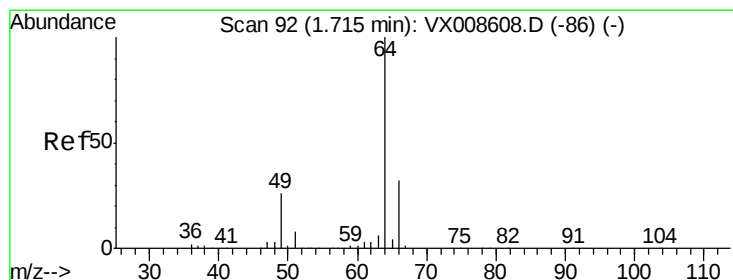
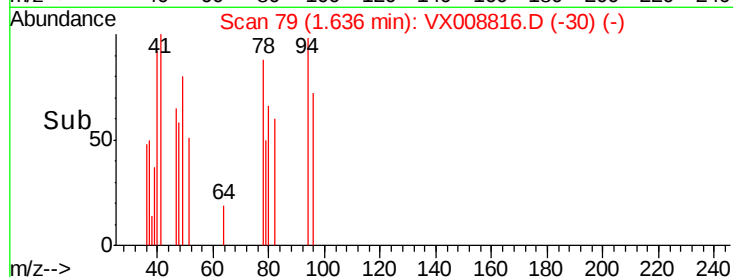
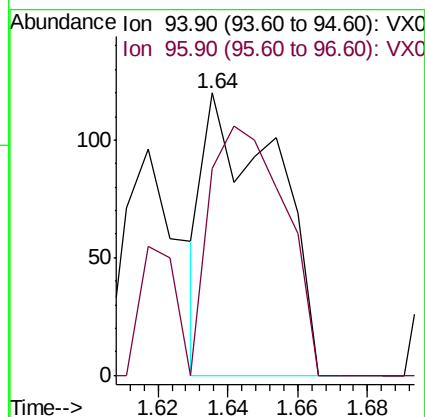
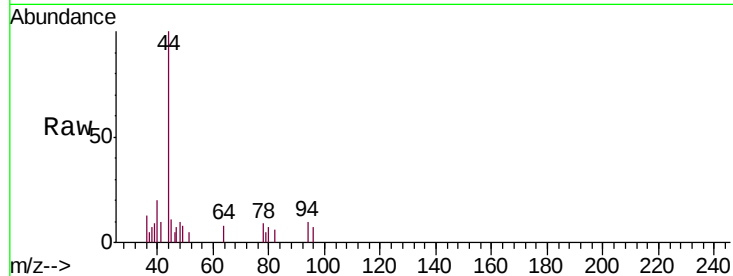
ST008MW214-190403

Tgt Ion: 94 Resp: 170

Ion Ratio Lower Upper

94 100

96 73.3 75.2 112.8#



#6

Chloroethane

Concen: Below Cal

RT: 1.68 min Scan# 86

Delta R.T. -0.04 min

Lab File: VX008816.D

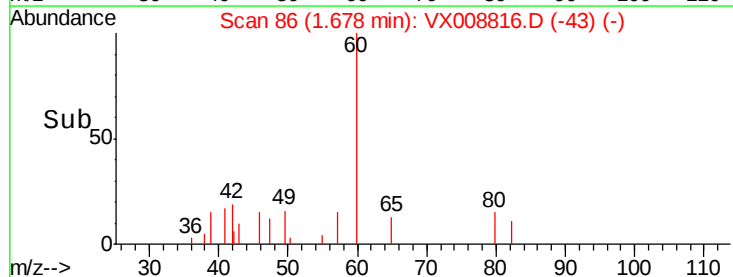
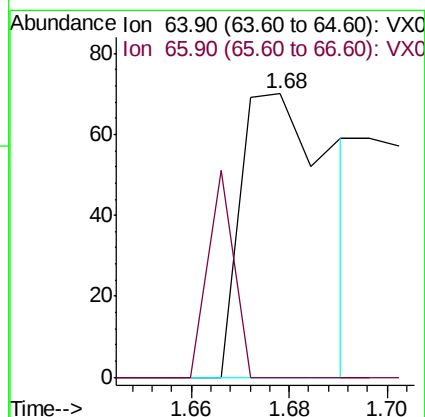
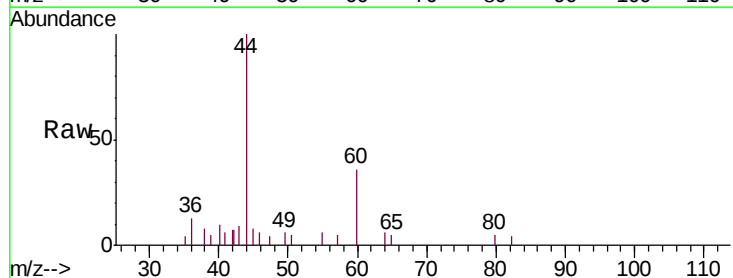
Acq: 10 Apr 2019 19:26

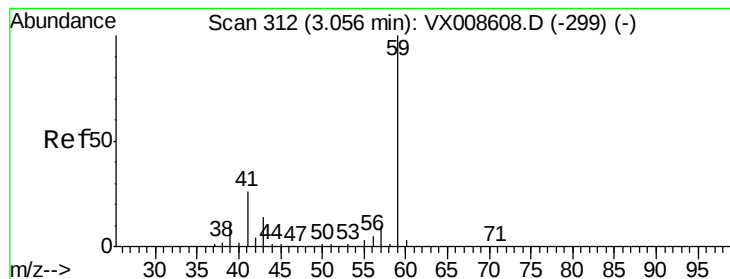
Tgt Ion: 64 Resp: 91

Ion Ratio Lower Upper

64 100

66 0.0 25.4 38.0#



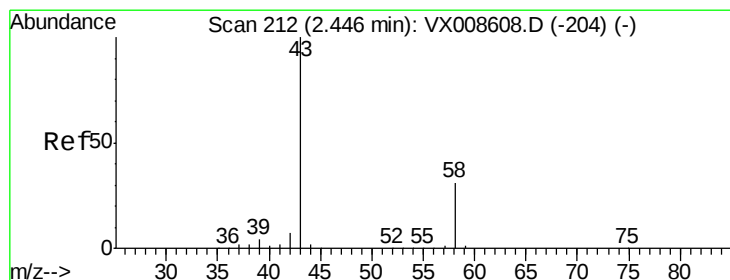
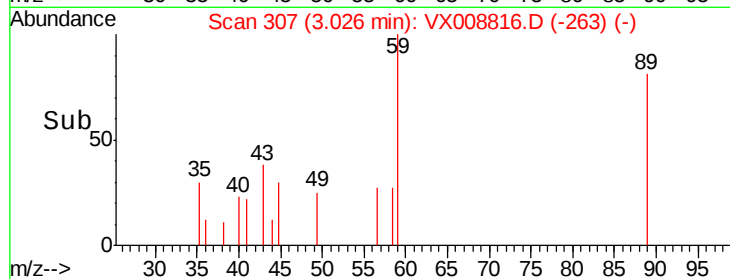
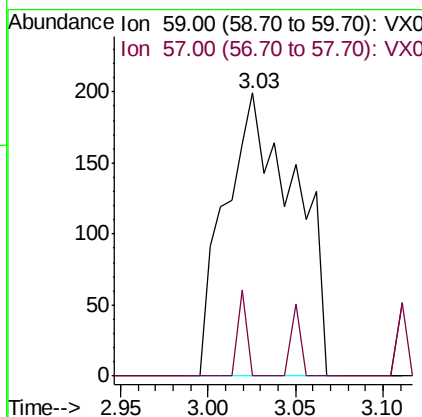
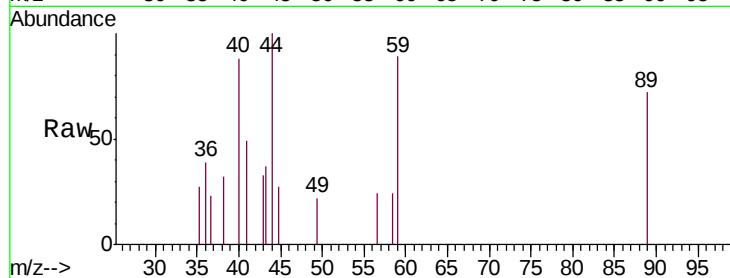


#11

Tert butyl alcohol
 Concen: 0.782 ug/l
 RT: 3.03 min Scan# 307
 Delta R.T. -0.03 min
 Lab File: VX008816.D
 Acq: 10 Apr 2019 19:26

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403

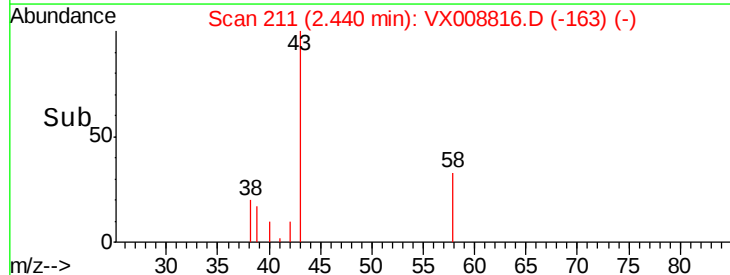
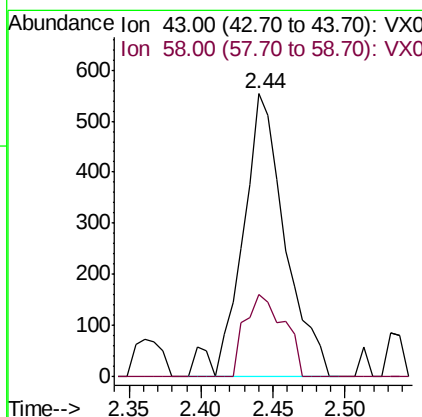
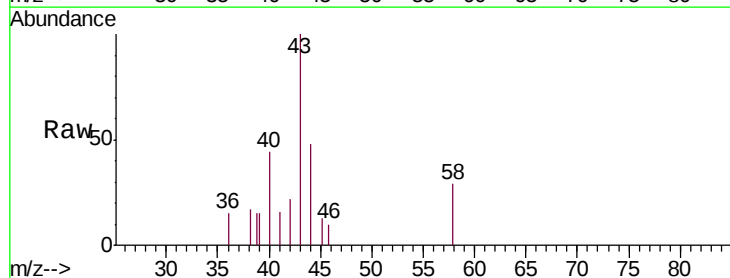
Tgt Ion: 59 Resp: 553
 Ion Ratio Lower Upper
 59 100
 57 4.0 8.3 12.5#

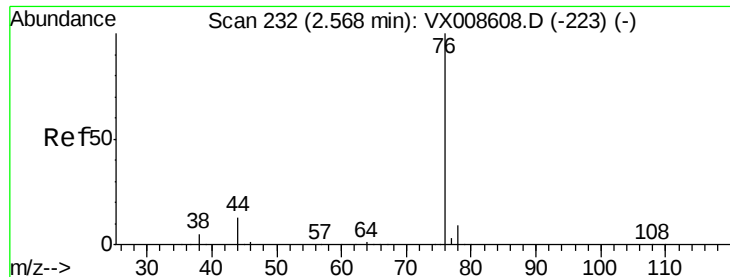


#16

Acetone
 Concen: 0.653 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX008816.D
 Acq: 10 Apr 2019 19:26

Tgt Ion: 43 Resp: 1136
 Ion Ratio Lower Upper
 43 100
 58 28.9 24.8 37.2





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008816.D

Acq: 10 Apr 2019 19:26

Instrument :

MSVOA_X

ClientSampleId :

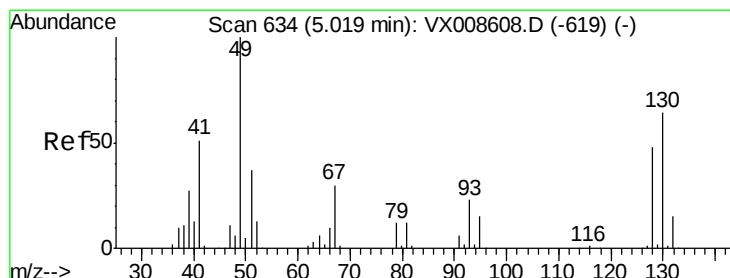
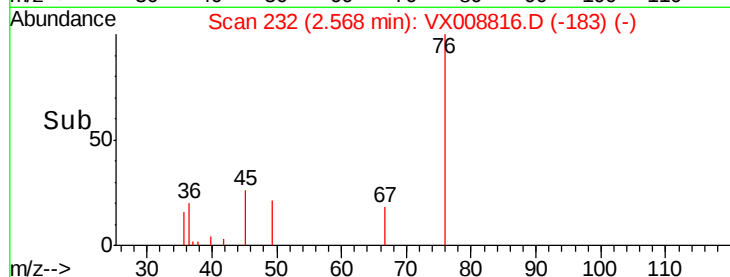
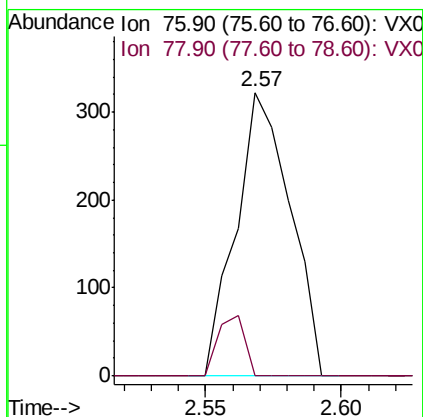
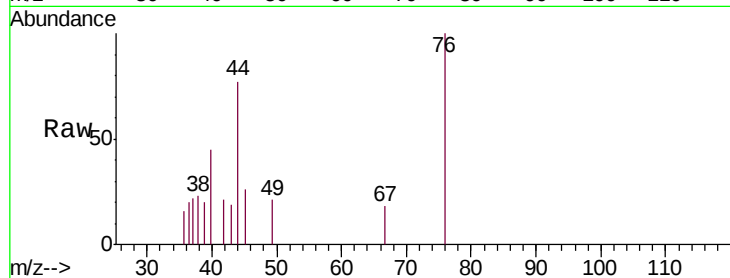
ST008MW214-190403

Tgt Ion: 76 Resp: 445

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#



#28

Bromochloromethane

Concen: Below Cal

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX008816.D

Acq: 10 Apr 2019 19:26

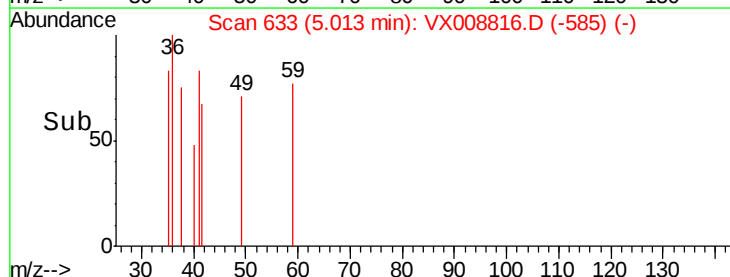
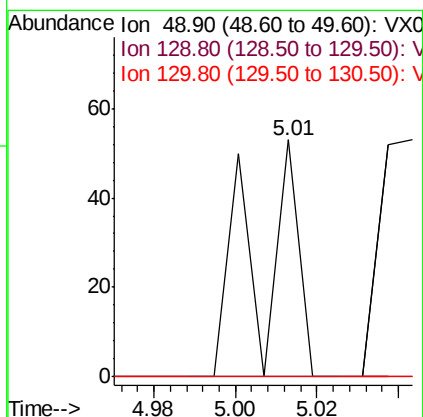
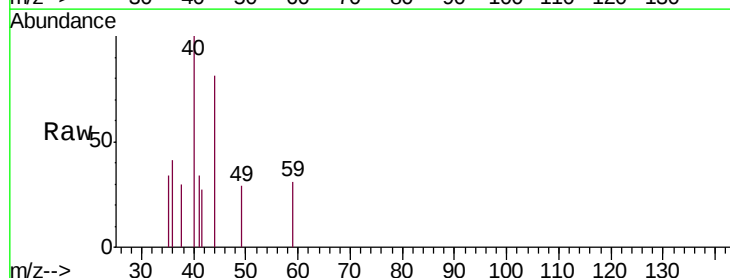
Tgt Ion: 49 Resp: 38

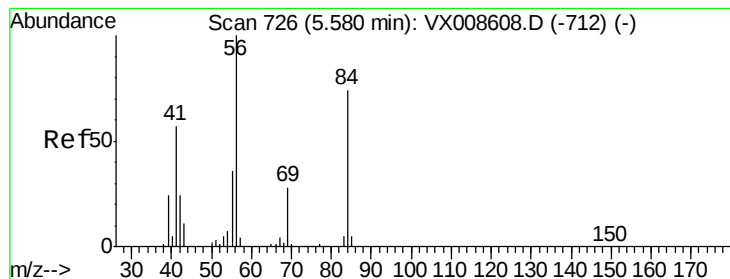
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

130 0.0 49.3 73.9#





#31

Cyclohexane

Concen: 0.896 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.09 min

Lab File: VX008816.D

Acq: 10 Apr 2019 19:26

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-190403

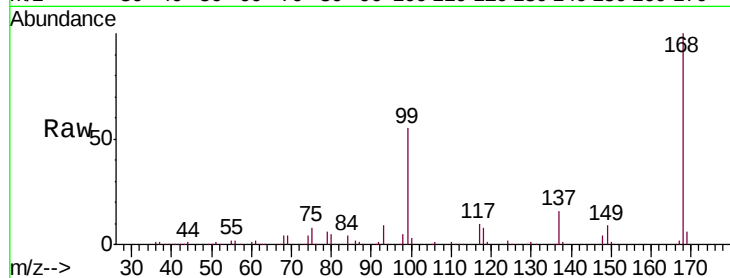
Tgt Ion: 56 Resp: 4681

Ion Ratio Lower Upper

56 100

69 161.9 22.6 33.8#

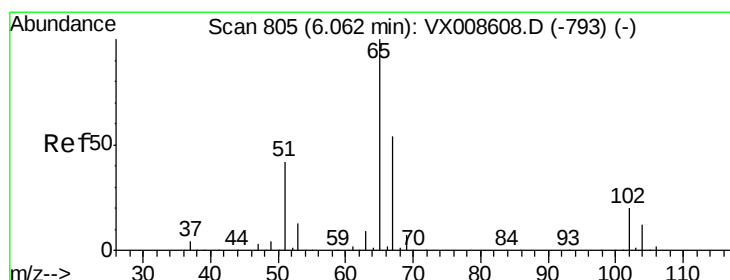
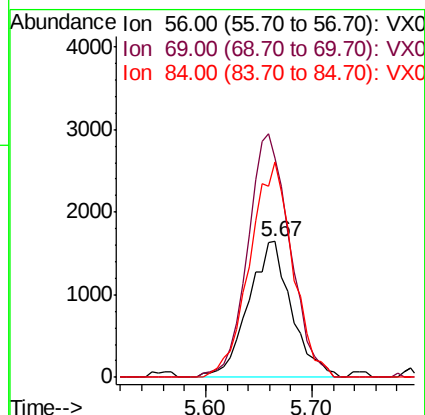
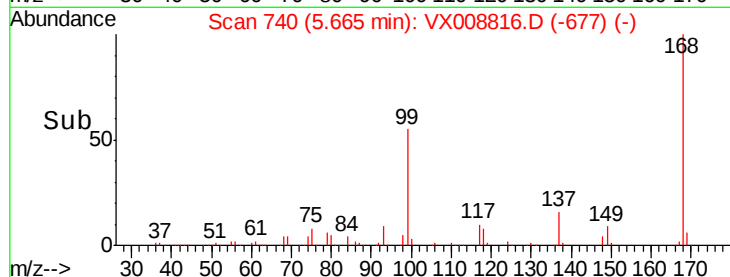
84 158.8 59.3 88.9#



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: 46.353 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008816.D

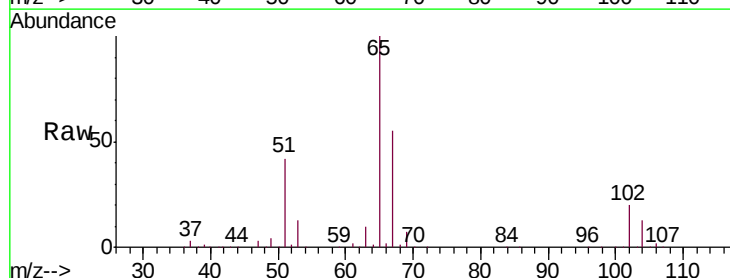
Acq: 10 Apr 2019 19:26

Tgt Ion: 65 Resp: 140100

Ion Ratio Lower Upper

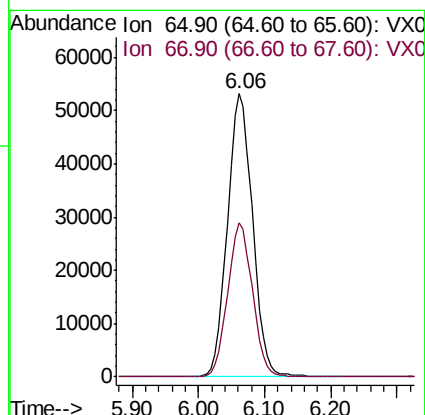
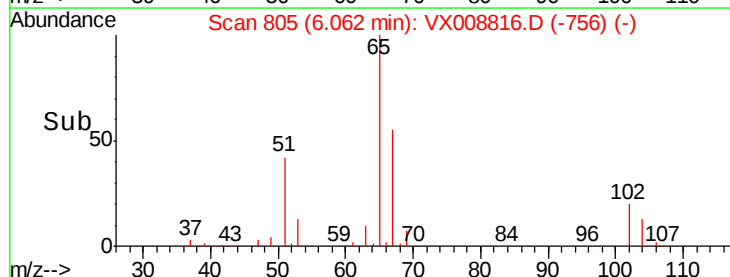
65 100

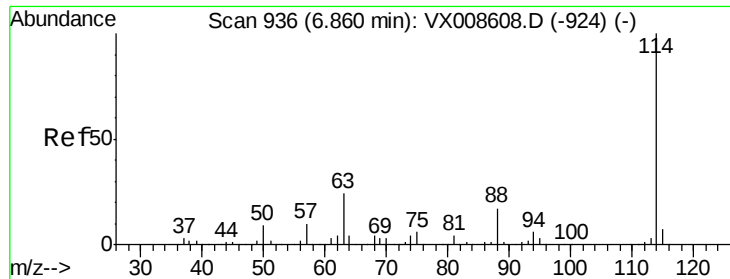
67 53.6 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

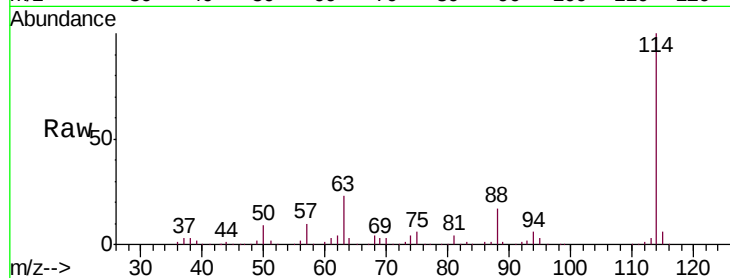




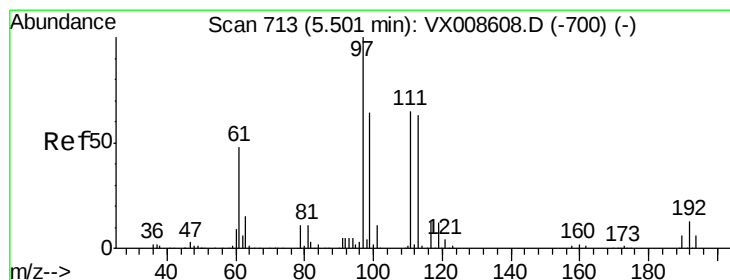
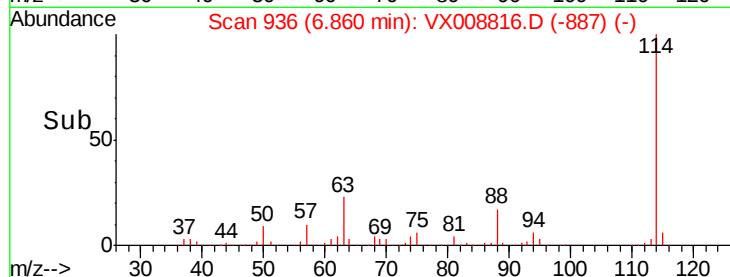
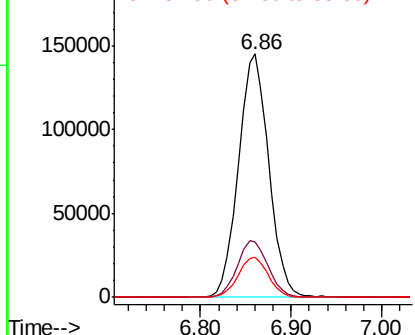
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008816.D
 Acq: 10 Apr 2019 19:26

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403

Tgt Ion:114 Resp: 336060
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 47.2
 88 16.5 0.0 34.0

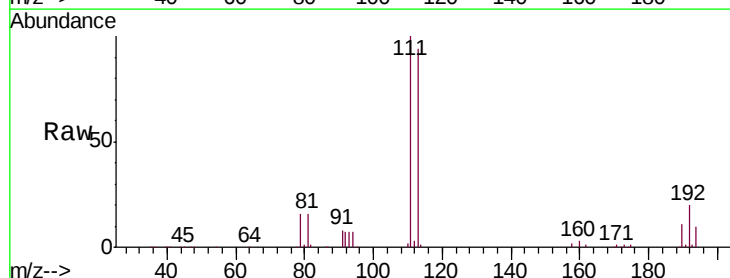


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

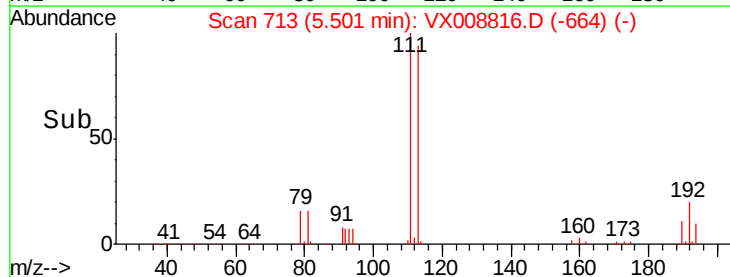
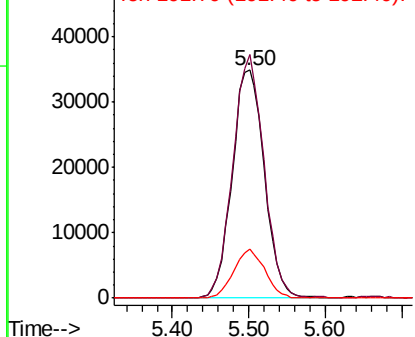


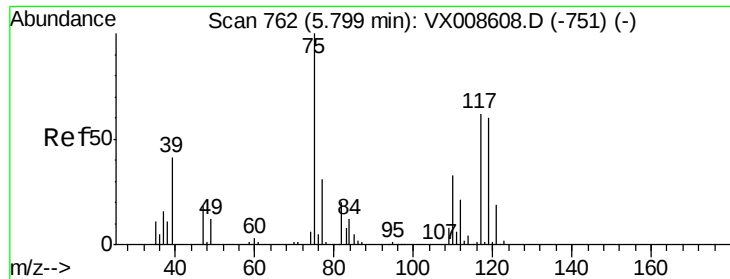
#35
 Dibromofluoromethane
 Concen: 47.497 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008816.D
 Acq: 10 Apr 2019 19:26

Tgt Ion:113 Resp: 102054
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.4 125.2
 192 20.7 16.1 24.1



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

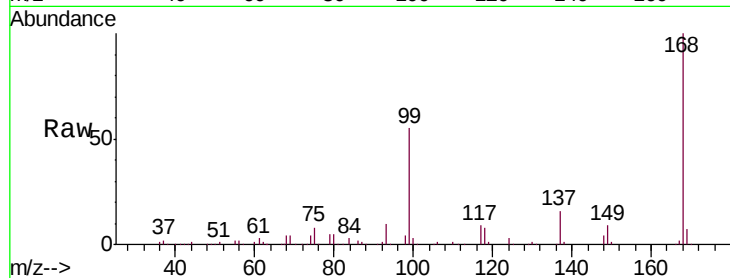




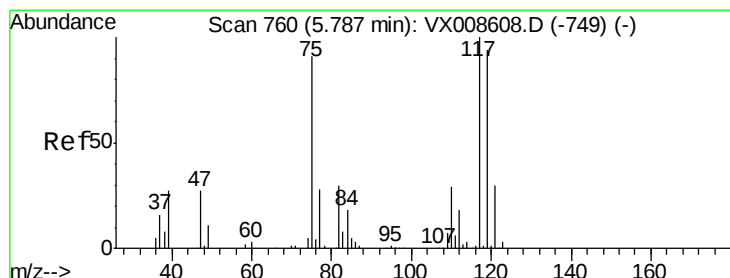
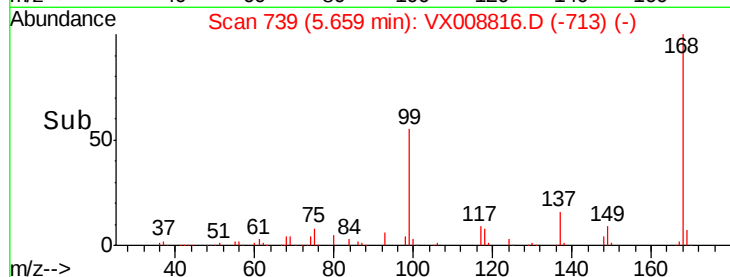
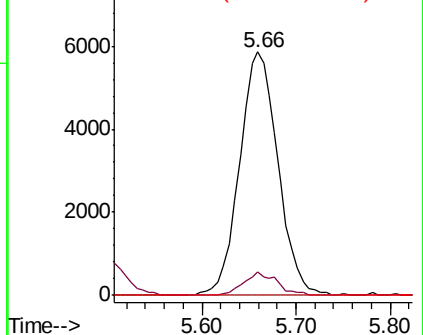
#36
 1,1-Dichloropropene
 Concen: 4.542 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX008816.D
 Acq: 10 Apr 2019 19:26

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	16.4	49.2#
77	0.0	24.7	37.1#

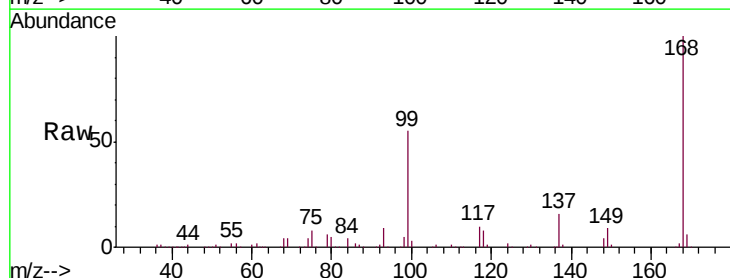


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

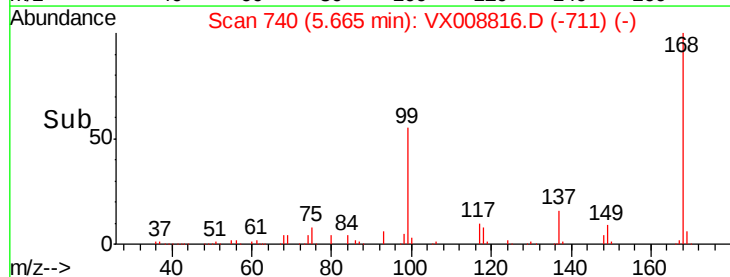
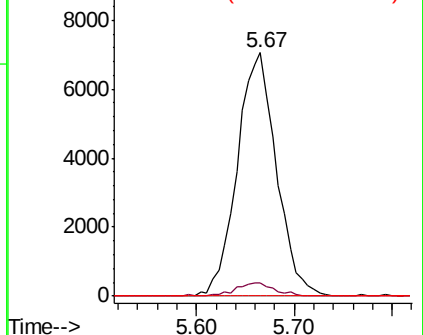


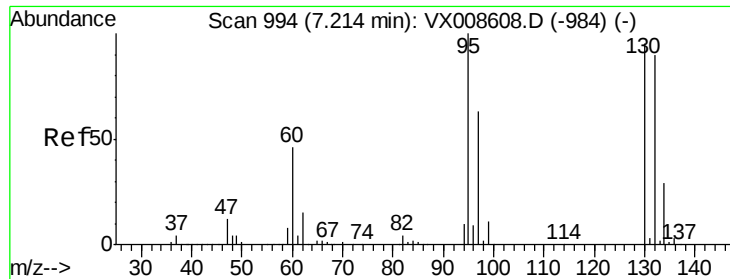
#38
 Carbon Tetrachloride
 Concen: 6.437 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX008816.D
 Acq: 10 Apr 2019 19:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.4	75.0	112.6#
121	0.0	24.3	36.5#



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: 0.629 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008816.D

Acq: 10 Apr 2019 19:26

Instrument :

MSVOA_X

ClientSampleId :

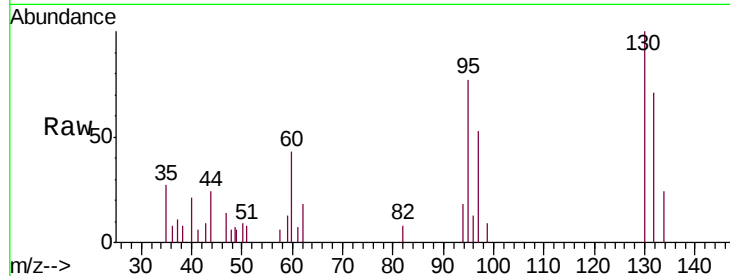
ST008MW214-190403

Tgt Ion:130 Resp: 1603

Ion Ratio Lower Upper

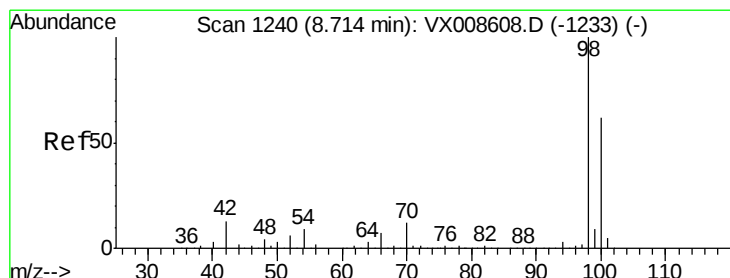
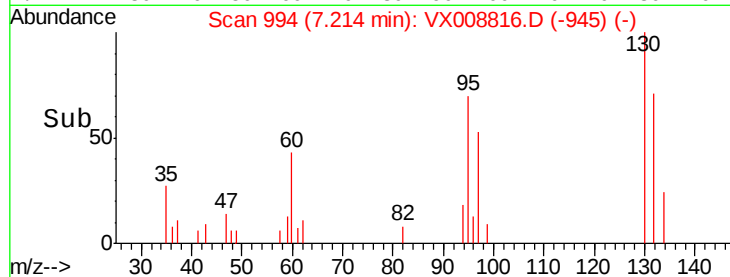
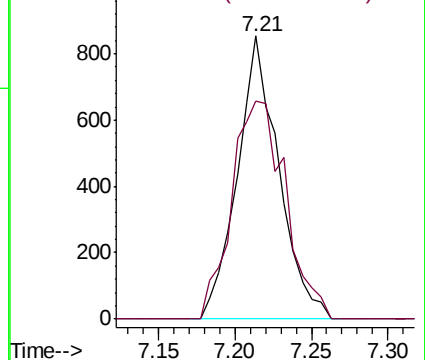
130 100

95 77.0 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.400 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008816.D

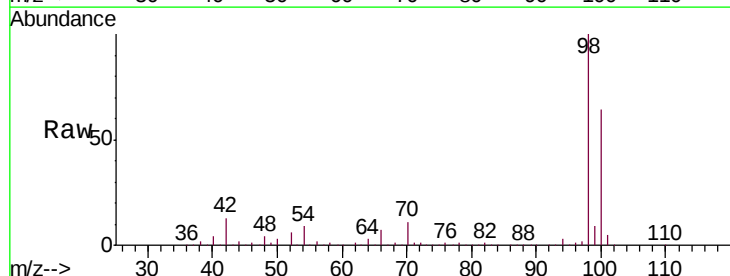
Acq: 10 Apr 2019 19:26

Tgt Ion: 98 Resp: 422632

Ion Ratio Lower Upper

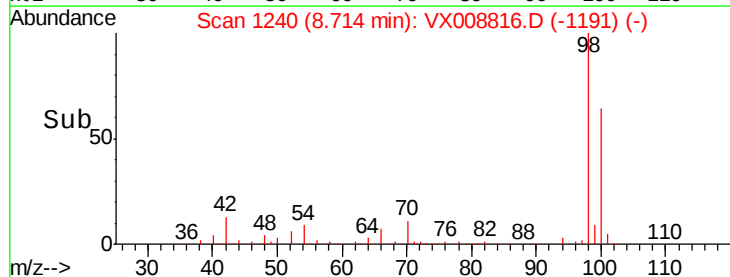
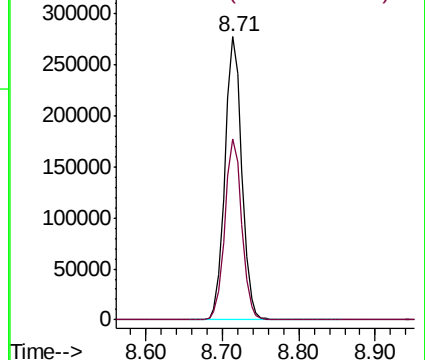
98 100

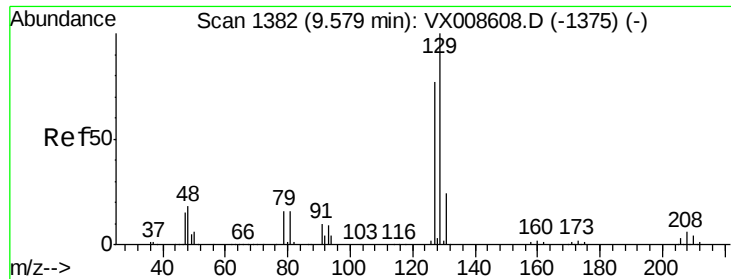
100 64.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

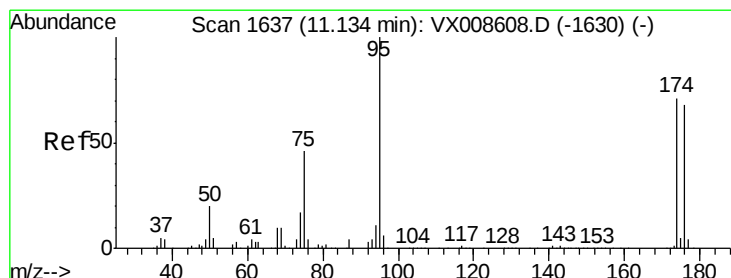
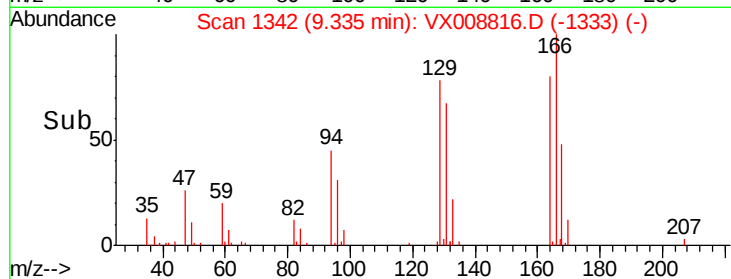
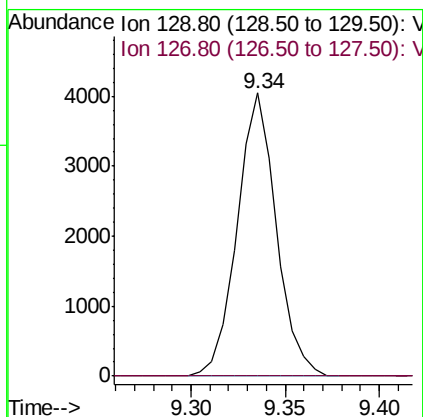
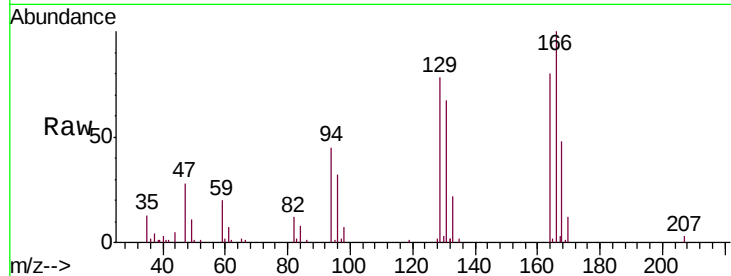




#60
 Dibromochloromethane
 Concen: 2.382 ug/l
 RT: 9.34 min Scan# 1342
 Delta R.T. -0.24 min
 Lab File: VX008816.D
 Acq: 10 Apr 2019 19:26

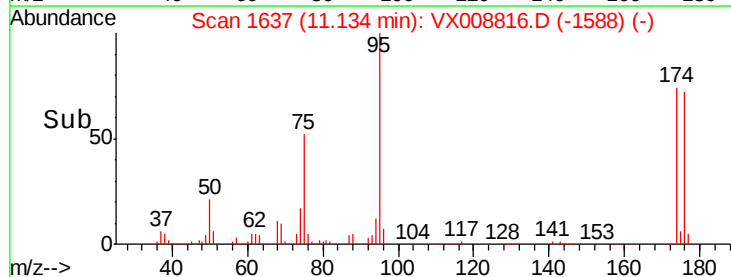
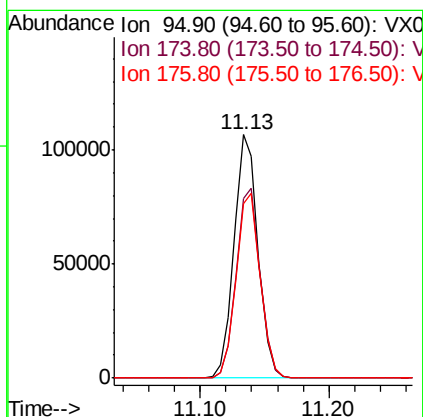
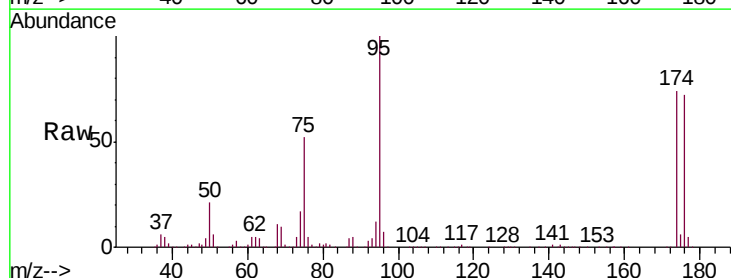
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403

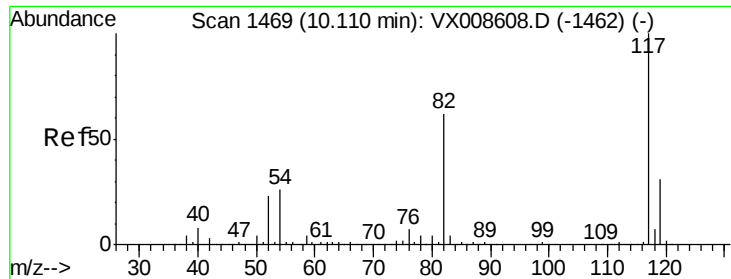
Tgt Ion: 129 Resp: 5814
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.5 115.3#



#62
 4-Bromofluorobenzene
 Concen: 45.689 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX008816.D
 Acq: 10 Apr 2019 19:26

Tgt Ion: 95 Resp: 138614
 Ion Ratio Lower Upper
 95 100
 174 78.1 0.0 151.8
 176 76.2 0.0 145.8

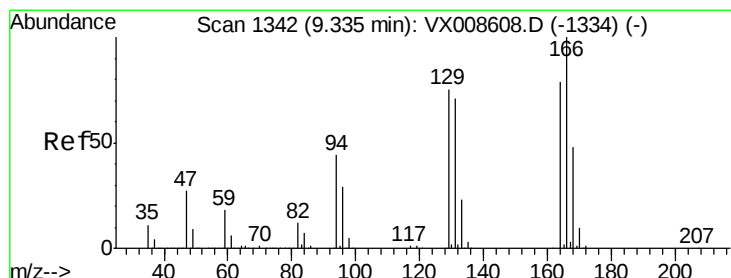
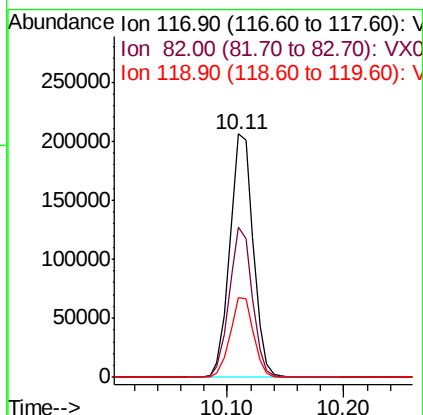
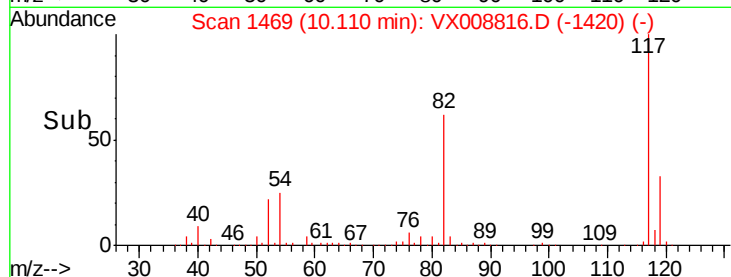
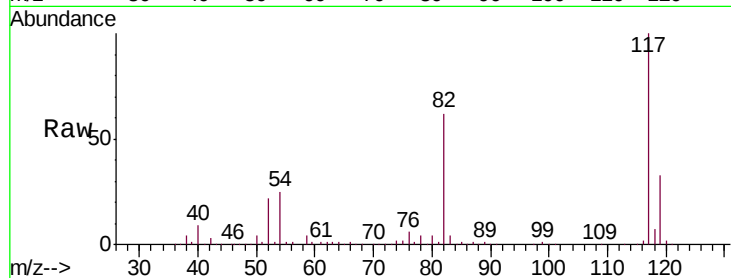




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008816.D
Acq: 10 Apr 2019 19:26

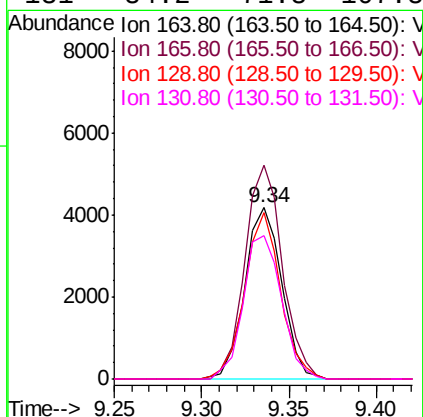
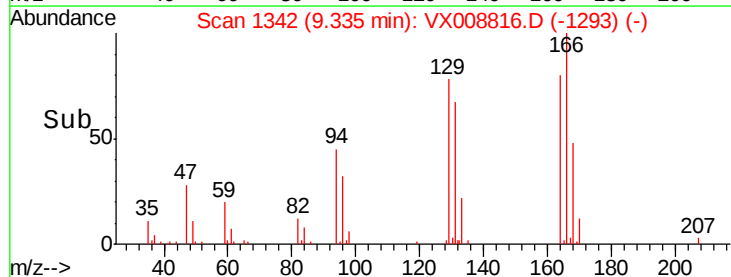
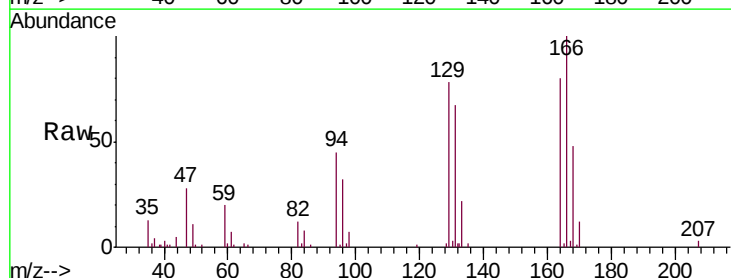
Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-190403

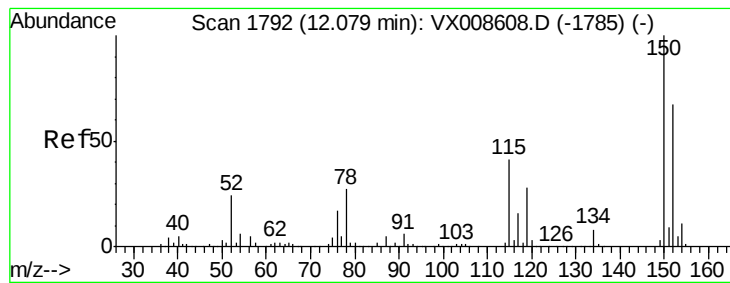
Tgt Ion:117 Resp: 288704
Ion Ratio Lower Upper
117 100
82 61.9 49.6 74.4
119 32.7 25.0 37.4



#64
Tetrachloroethene
Concen: 2.866 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008816.D
Acq: 10 Apr 2019 19:26

Tgt Ion:164 Resp: 6130
Ion Ratio Lower Upper
164 100
166 124.8 101.0 151.6
129 97.0 75.8 113.8
131 84.2 71.8 107.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008816.D

Acq: 10 Apr 2019 19:26

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-190403

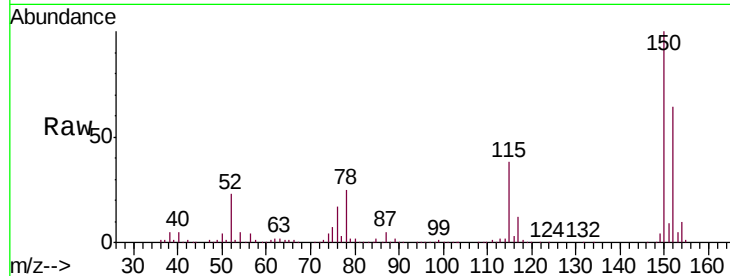
Tgt Ion: 152 Resp: 122229

Ion Ratio Lower Upper

152 100

115 60.2 43.5 130.5

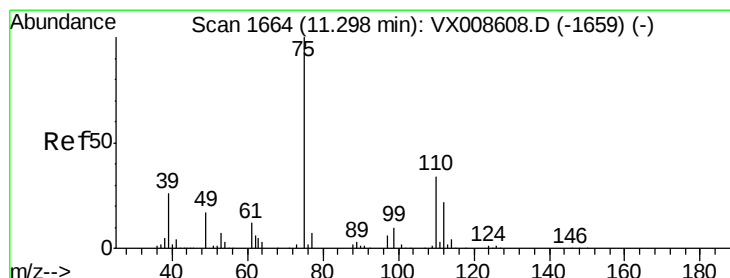
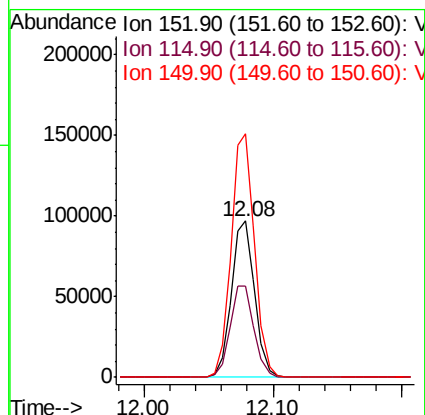
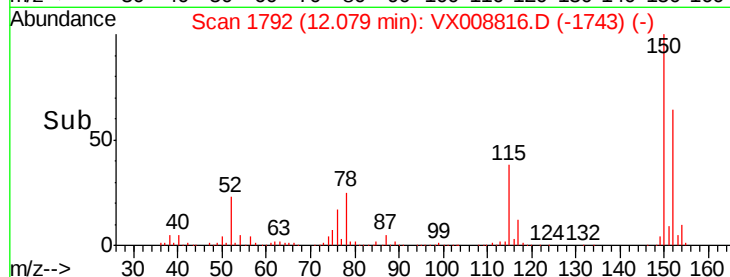
150 156.8 0.0 348.8



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: 20.929 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008816.D

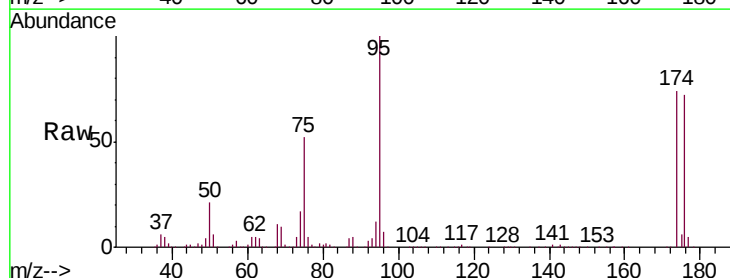
Acq: 10 Apr 2019 19:26

Tgt Ion: 75 Resp: 70274

Ion Ratio Lower Upper

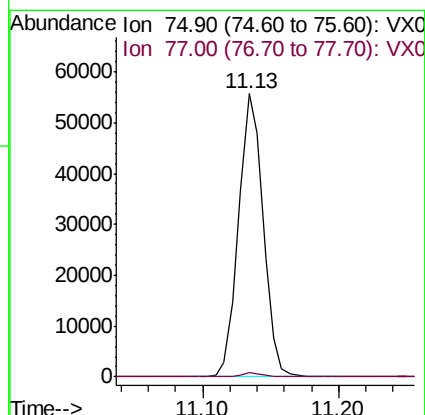
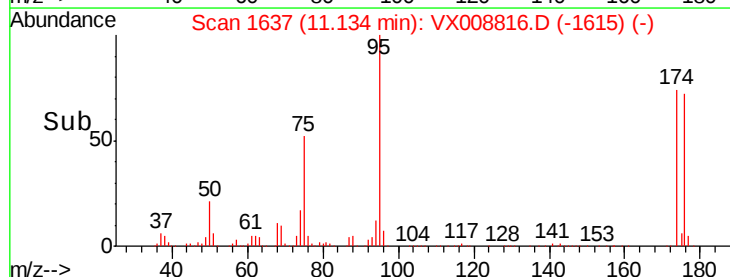
75 100

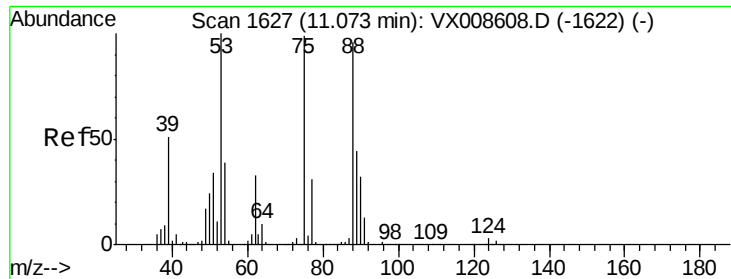
77 1.4 22.3 66.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

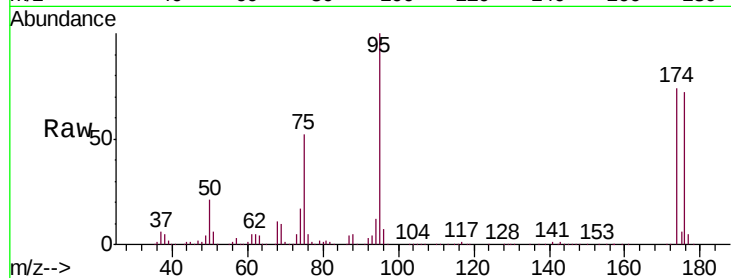




#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.692 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX008816.D
 Acq: 10 Apr 2019 19:26

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403

Tgt Ion: 75 Resp: 70274
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.3 121.9#
 89 0.1 35.6 53.4#



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

