

Data File : VX005836.D
Acq On : 07 Nov 2018 19:04
Operator : JC/MD
Sample : J5858-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB-9-GW

Quant Time: Nov 19 08:04:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	111054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	156491	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	140574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	64860	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	70523	55.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.48%	
35) Dibromofluoromethane	5.51	113	56314	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	
50) Toluene-d8	8.71	98	176055	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.14	95	59171	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	

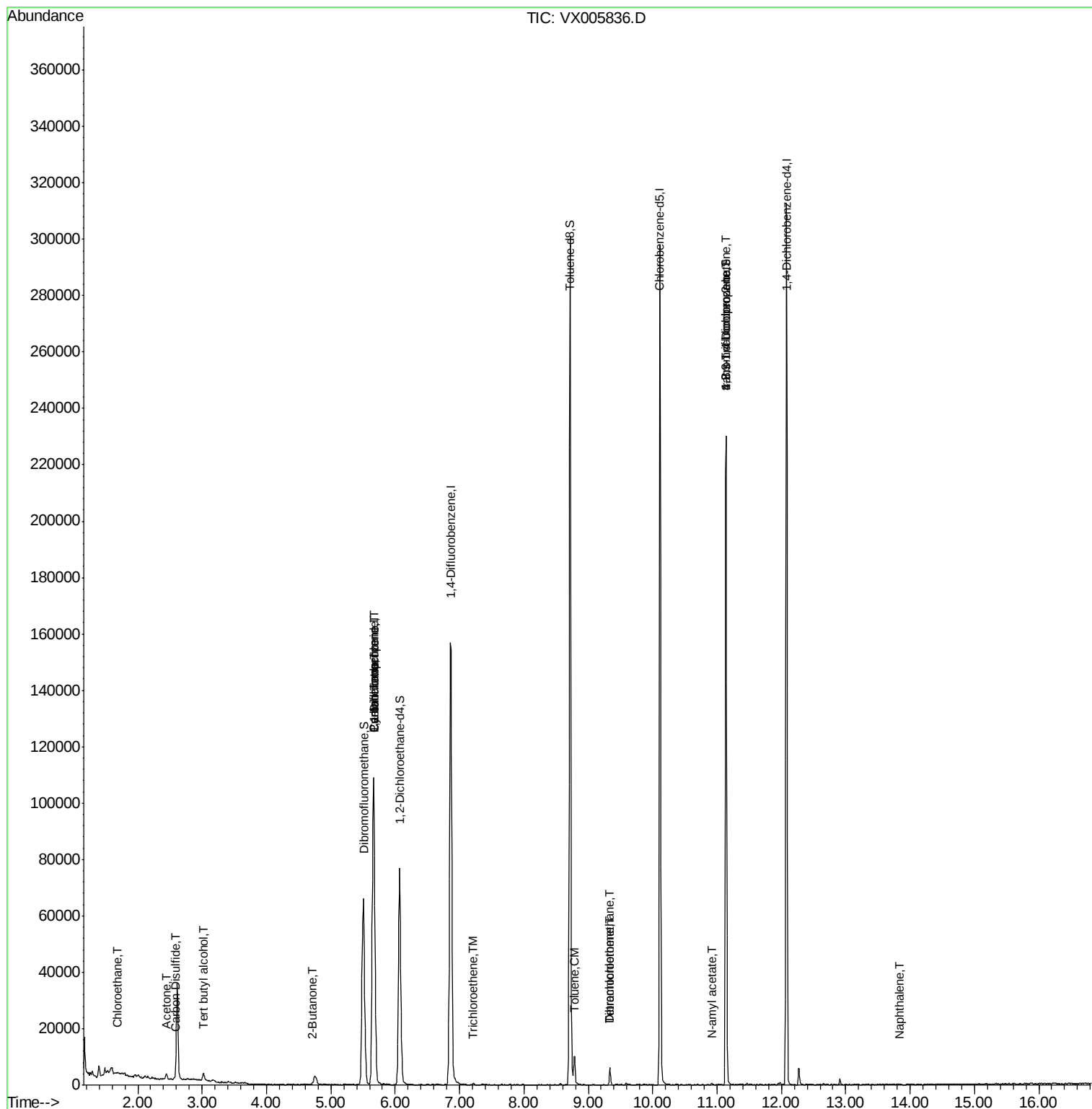
Target Compounds			Qvalue			
6) Chloroethane	1.69	64	393	0.499	ug/l #	44
11) Tert butyl alcohol	3.03	59	1757	4.804	ug/l #	72
16) Acetone	2.45	43	2317	3.371	ug/l	92
17) Carbon Disulfide	2.57	76	950	0.324	ug/l #	85
18) Methyl Acetate	2.77	43	538	Below Cal	#	55
25) 2-Butanone	4.70	43	299	0.277	ug/l #	51
31) Cyclohexane	5.66	56	2068	1.163	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	7982	5.291	ug/l #	49
38) Carbon Tetrachloride	5.67	117	10412	6.894	ug/l #	16
44) Trichloroethene	7.21	130	262	0.235	ug/l	43
52) Toluene	8.79	92	3215	1.308	ug/l	100
60) Dibromochloromethane	9.34	129	1040	0.878	ug/l #	10
64) Tetrachloroethene	9.34	164	1302	1.088	ug/l	97
74) N-amyl acetate	10.91	43	108	1.301	ug/l #	49
76) 1,2,3-Trichloropropane	11.13	75	29879	22.624	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	29879	72.106	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.82	105	173	Below Cal		92
95) Naphthalene	13.83	128	302	1.241	ug/l #	69

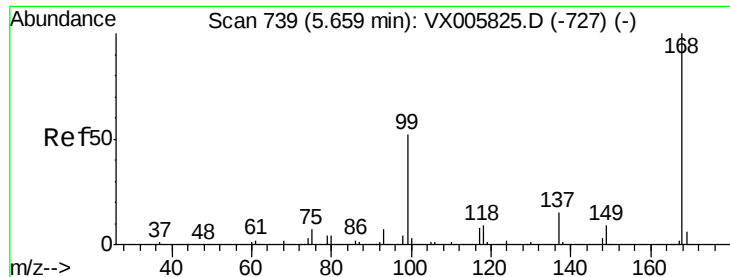
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005836.D

Acq: 07 Nov 2018 19:04

Instrument :

MSVOA_X

ClientSampleId :

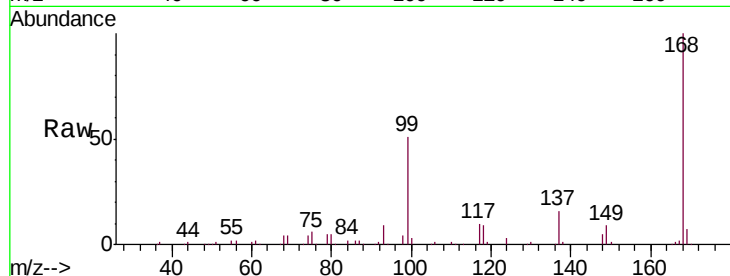
SB-9-GW

Tgt Ion:168 Resp: 111054

Ion Ratio Lower Upper

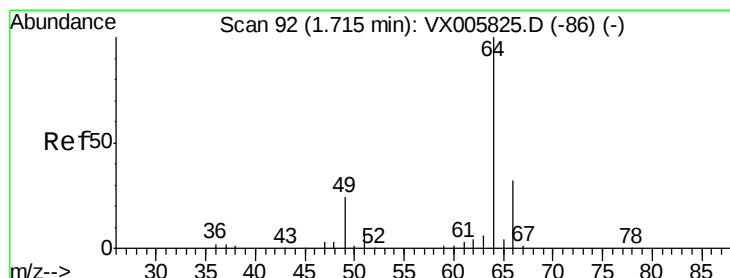
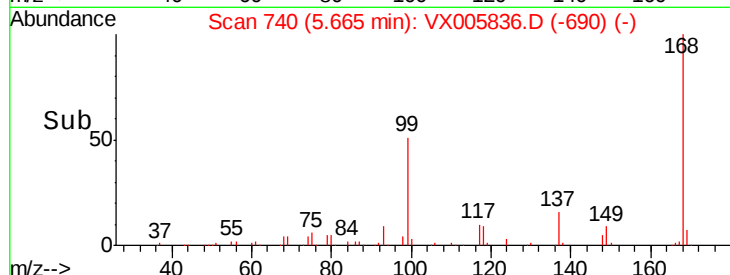
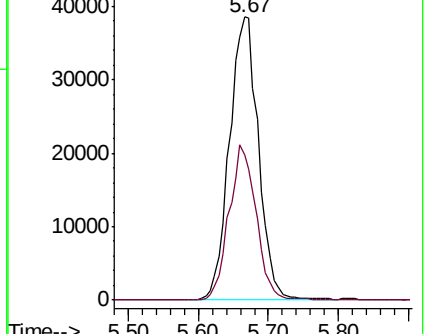
168 100

99 51.5 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: 0.499 ug/l

RT: 1.69 min Scan# 88

Delta R.T. -0.02 min

Lab File: VX005836.D

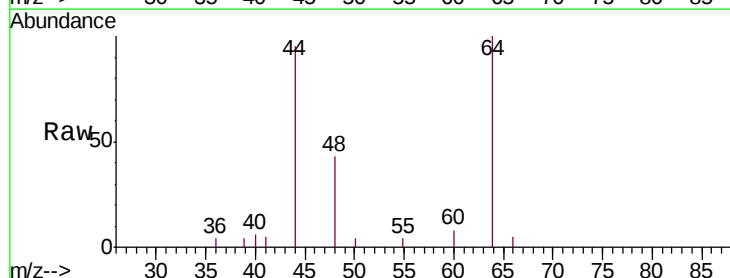
Acq: 07 Nov 2018 19:04

Tgt Ion: 64 Resp: 393

Ion Ratio Lower Upper

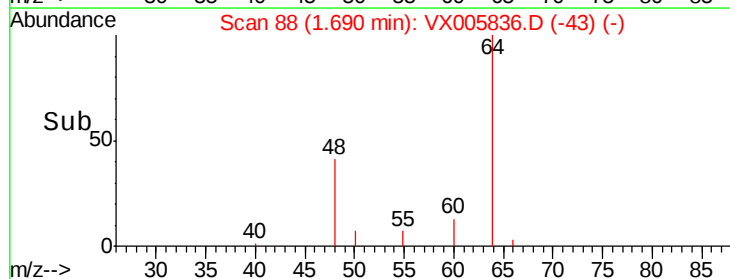
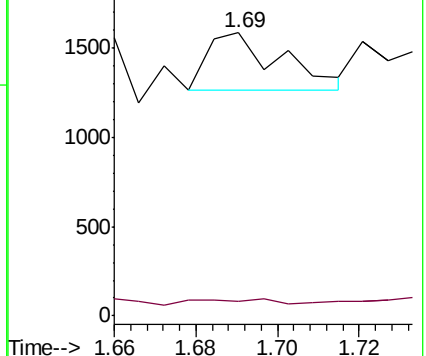
64 100

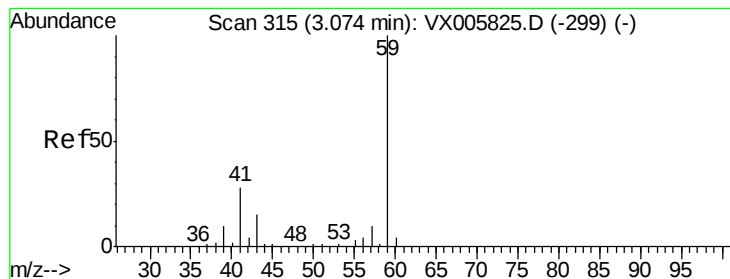
66 0.6 25.8 38.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



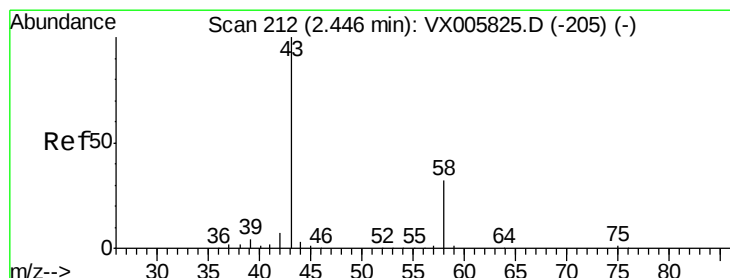
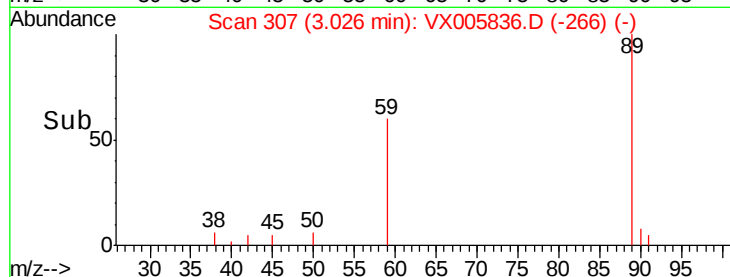
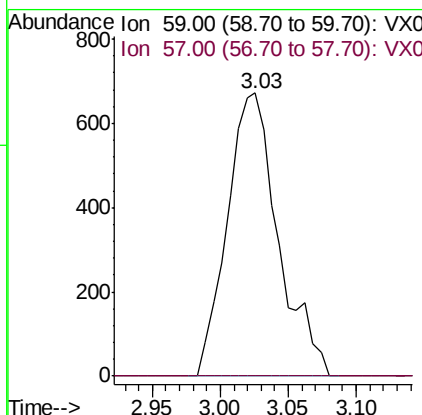
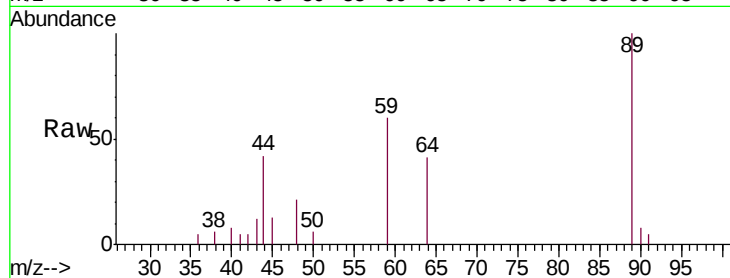


#11

Tert butyl alcohol
 Concen: 4.804 ug/l
 RT: 3.03 min Scan# 307
 Delta R.T. -0.05 min
 Lab File: VX005836.D
 Acq: 07 Nov 2018 19:04

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-9-GW

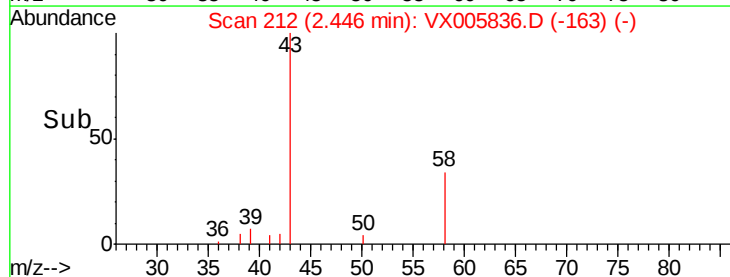
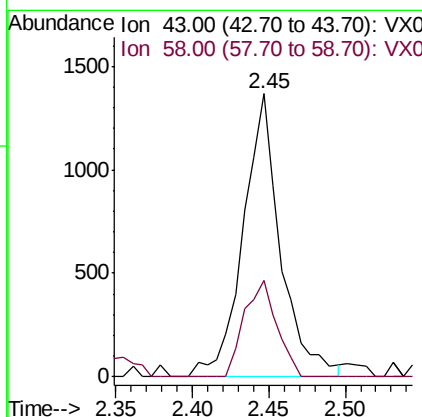
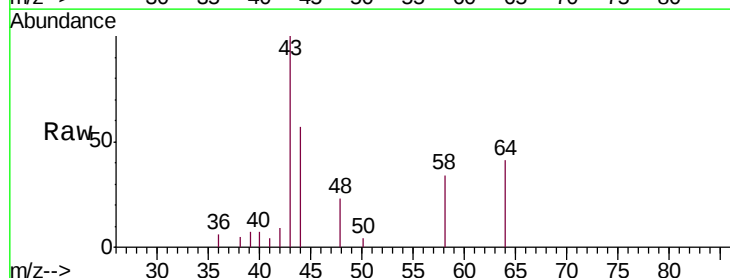
Tgt Ion: 59 Resp: 1757
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

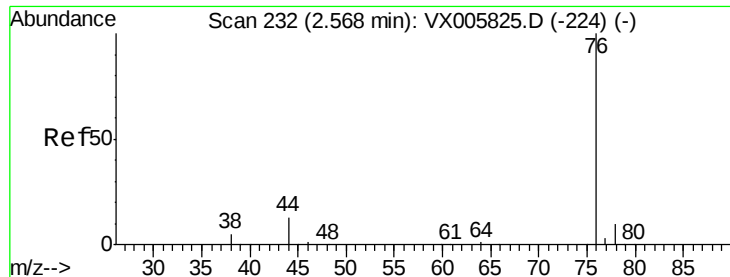


#16

Acetone
 Concen: 3.371 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX005836.D
 Acq: 07 Nov 2018 19:04

Tgt Ion: 43 Resp: 2317
 Ion Ratio Lower Upper
 43 100
 58 33.9 23.8 35.6





#17

Carbon Disulfide

Concen: 0.324 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX005836.D

Acq: 07 Nov 2018 19:04

Instrument :

MSVOA_X

ClientSampleId :

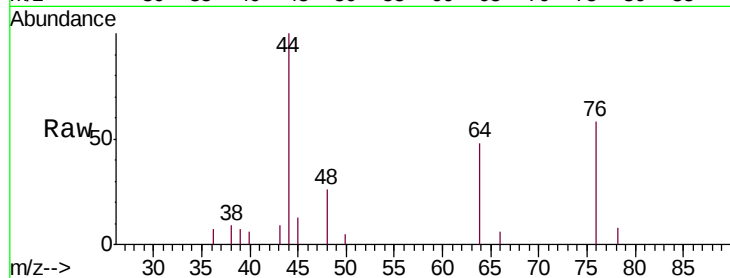
SB-9-GW

Tgt Ion: 76 Resp: 950

Ion Ratio Lower Upper

76 100

78 14.5 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

600

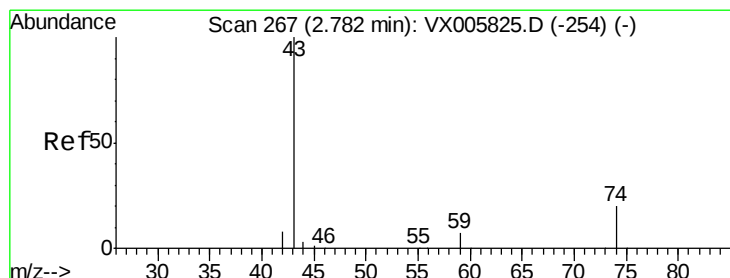
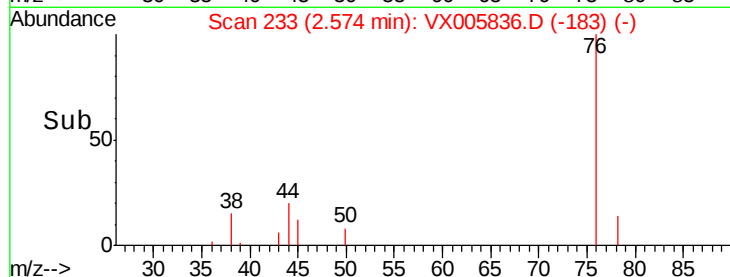
400

200

0

2.55 2.60

Time-->



#18

Methyl Acetate

Concen: Below Cal

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX005836.D

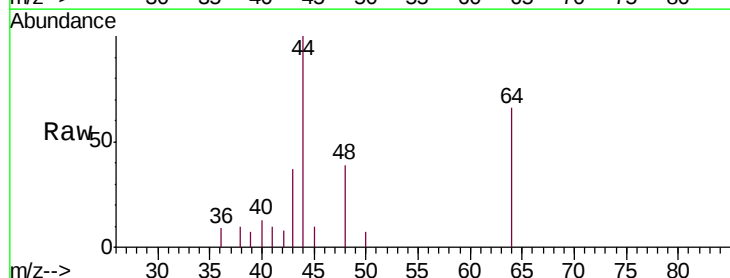
Acq: 07 Nov 2018 19:04

Tgt Ion: 43 Resp: 538

Ion Ratio Lower Upper

43 100

74 0.0 16.8 25.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.77

300

250

200

150

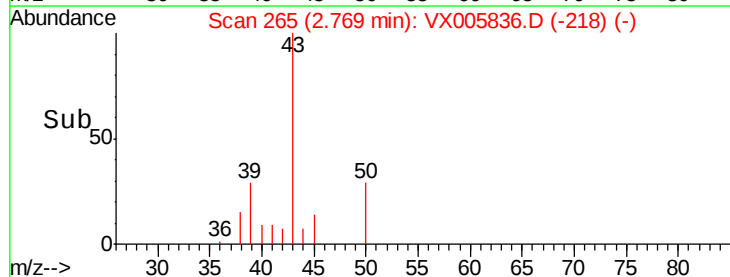
100

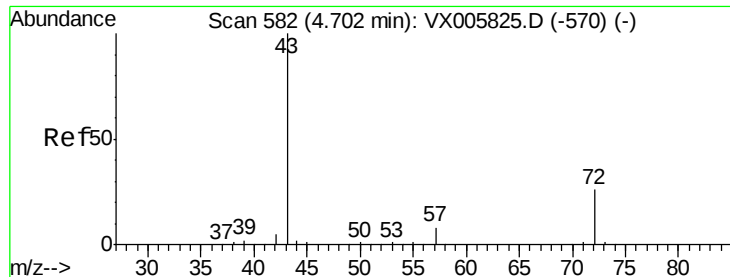
50

0

2.75 2.80

Time-->





#25

2-Butanone

Concen: 0.277 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005836.D

Acq: 07 Nov 2018 19:04

Instrument :

MSVOA_X

ClientSampleId :

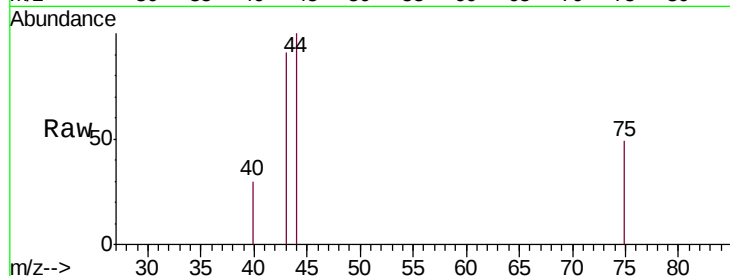
SB-9-GW

Tgt Ion: 43 Resp: 299

Ion Ratio Lower Upper

43 100

72 0.0 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

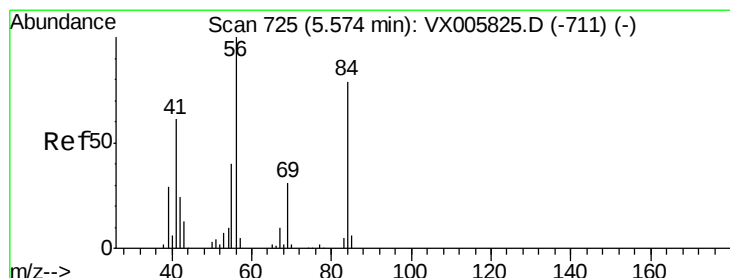
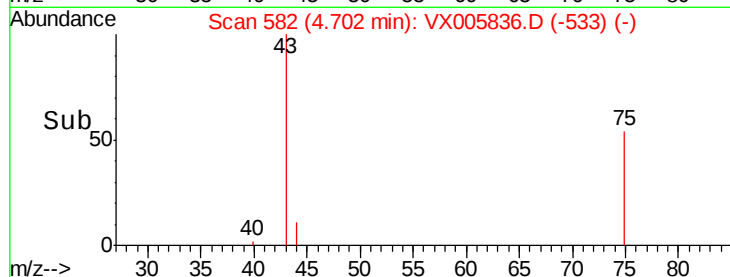
150

100

50

0

Time--> 4.64 4.66 4.68 4.70 4.72



#31

Cyclohexane

Concen: 1.163 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.09 min

Lab File: VX005836.D

Acq: 07 Nov 2018 19:04

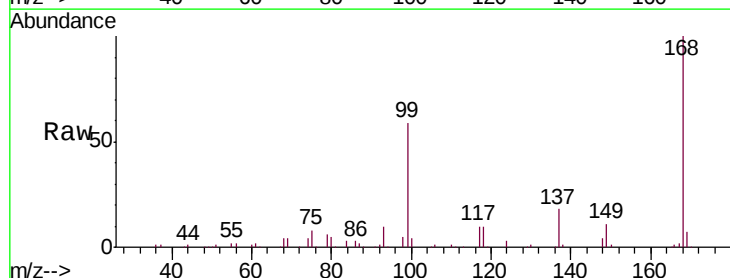
Tgt Ion: 56 Resp: 2068

Ion Ratio Lower Upper

56 100

69 189.5 22.6 34.0#

84 161.3 62.7 94.1#



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

2000

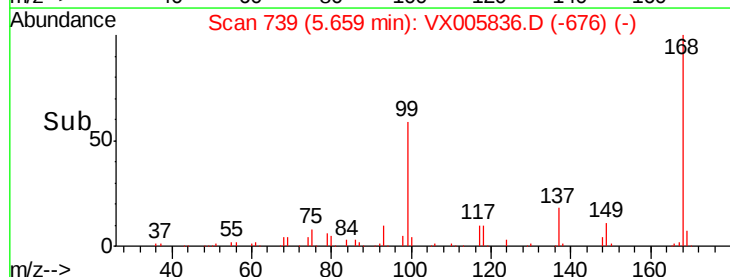
1500

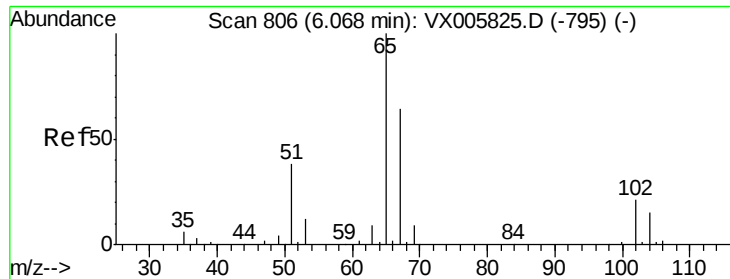
1000

500

0

Time--> 5.55 5.60 5.65 5.70 5.75

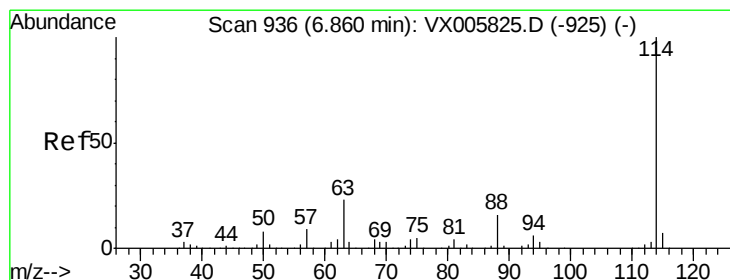
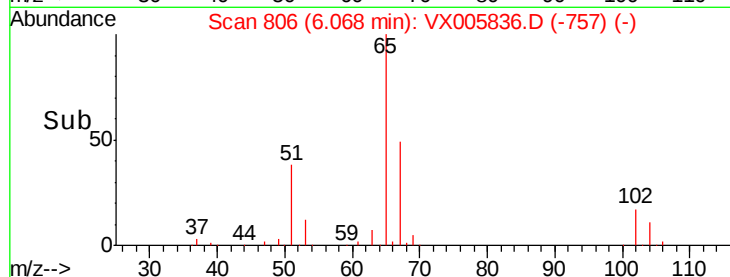
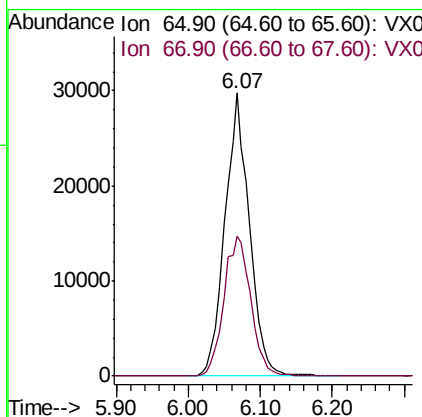
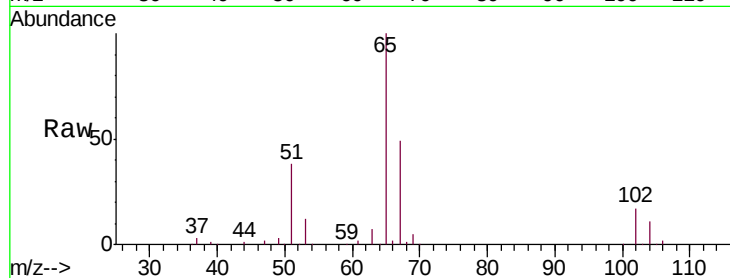




#33
 1,2-Dichloroethane-d4
 Concen: 55.238 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005836.D
 Acq: 07 Nov 2018 19:04

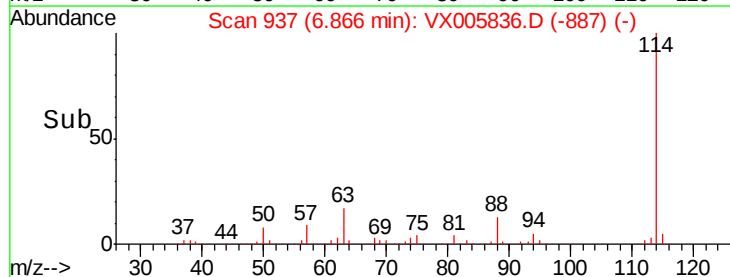
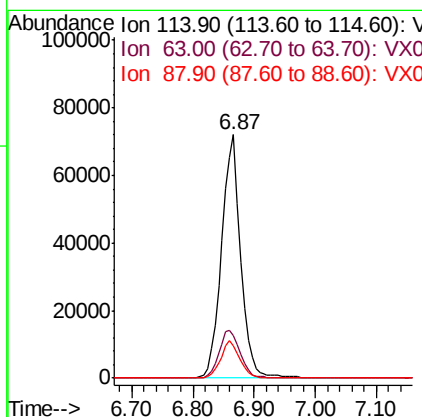
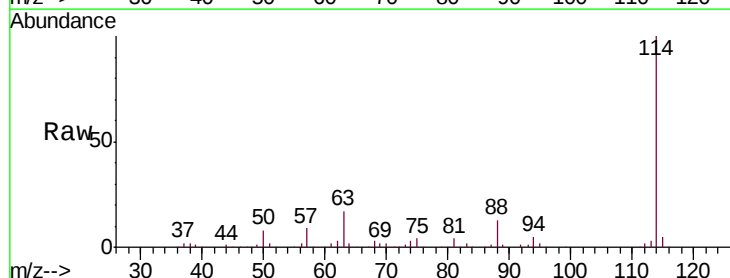
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-9-GW

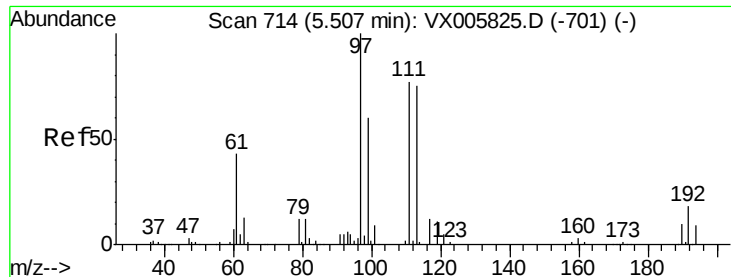
Tgt Ion: 65 Resp: 70523
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005836.D
 Acq: 07 Nov 2018 19:04

Tgt Ion: 114 Resp: 156491
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 42.8
 88 13.4 0.0 31.2

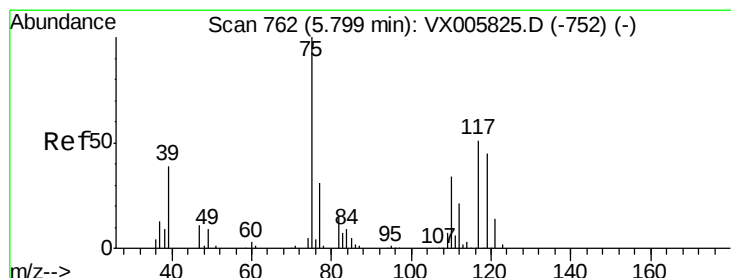
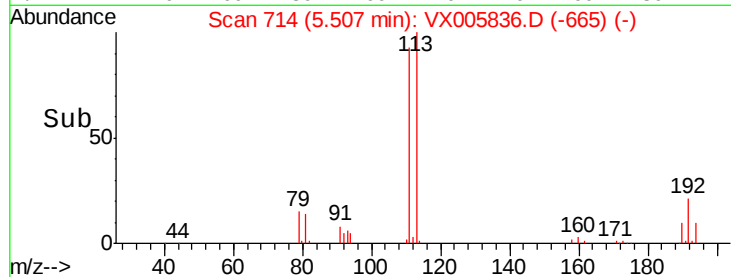
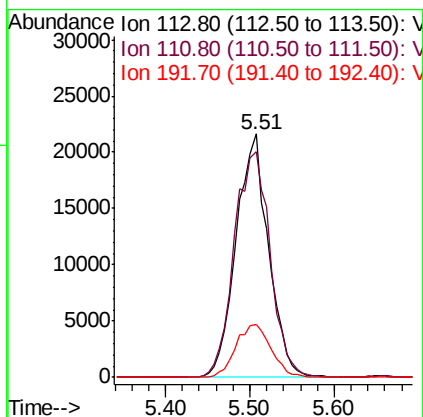
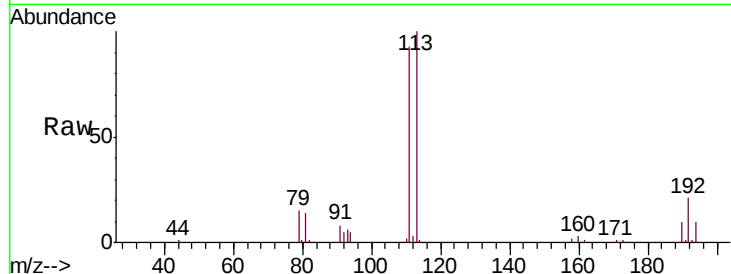




#35
 Dibromofluoromethane
 Concen: 52.908 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VX005836.D
 Acq: 07 Nov 2018 19:04

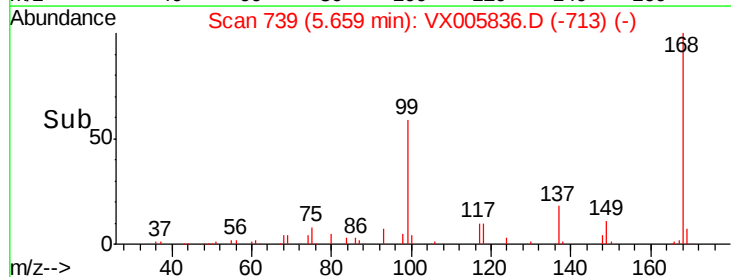
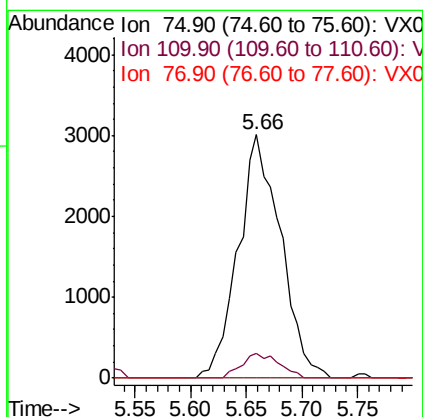
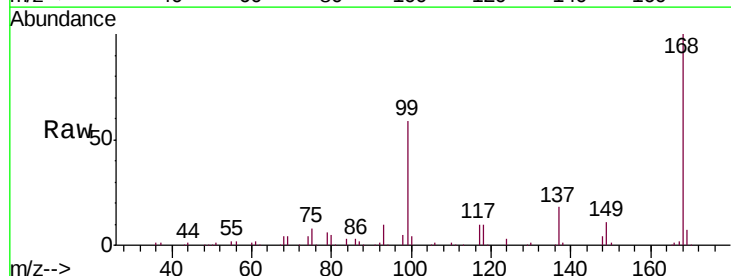
Instrument :
 MSVOA_X
 ClientSampled :
 SB-9-GW

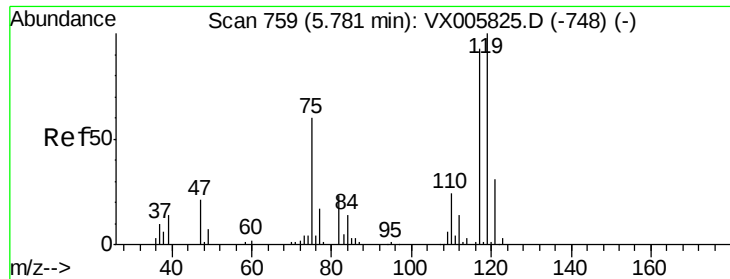
Tgt Ion:113 Resp: 56314
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.3 123.5
 192 23.4 17.9 26.9



#36
 1,1-Dichloropropene
 Concen: 5.291 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX005836.D
 Acq: 07 Nov 2018 19:04

Tgt Ion: 75 Resp: 7982
 Ion Ratio Lower Upper
 75 100
 110 9.0 17.4 52.2#
 77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 6.894 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX005836.D

Acq: 07 Nov 2018 19:04

Instrument :

MSVOA_X

ClientSampled :

SB-9-GW

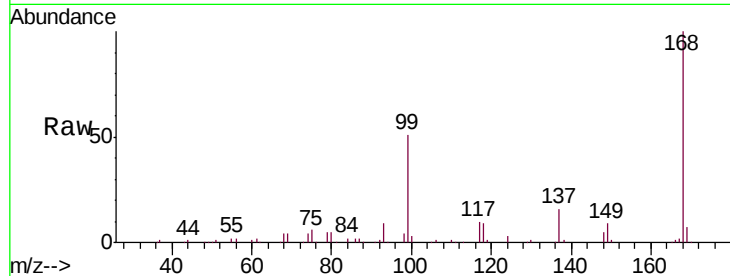
Tgt Ion:117 Resp: 10412

Ion Ratio Lower Upper

117 100

119 6.7 78.1 117.1#

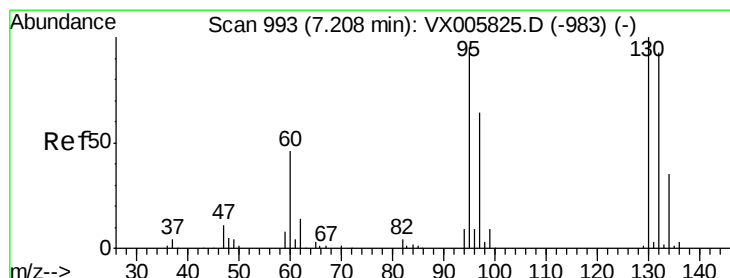
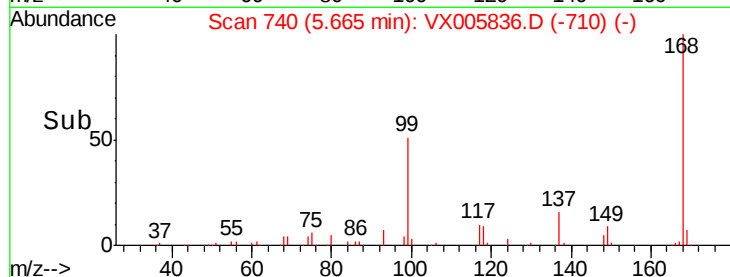
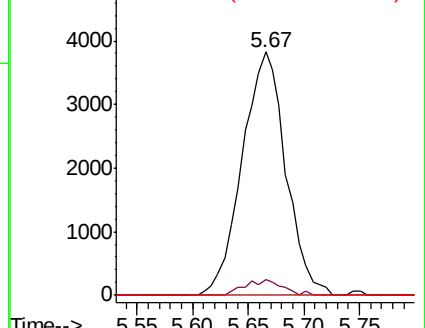
121 0.0 24.6 36.8#



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: 0.235 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX005836.D

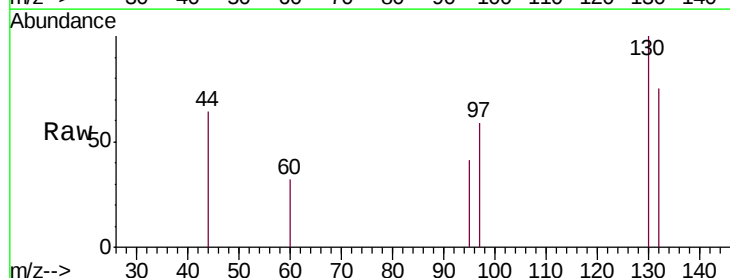
Acq: 07 Nov 2018 19:04

Tgt Ion:130 Resp: 262

Ion Ratio Lower Upper

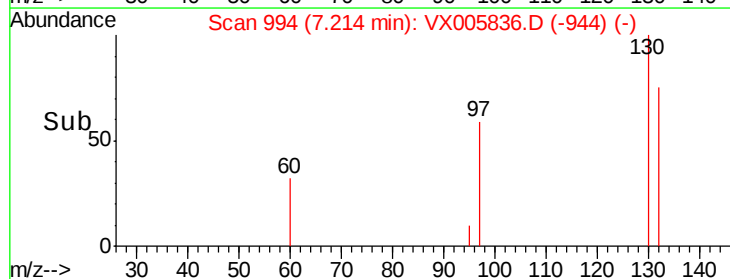
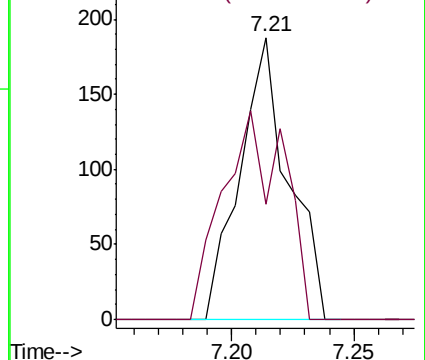
130 100

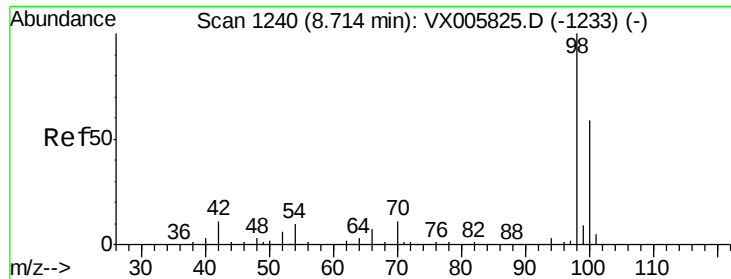
95 41.0 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

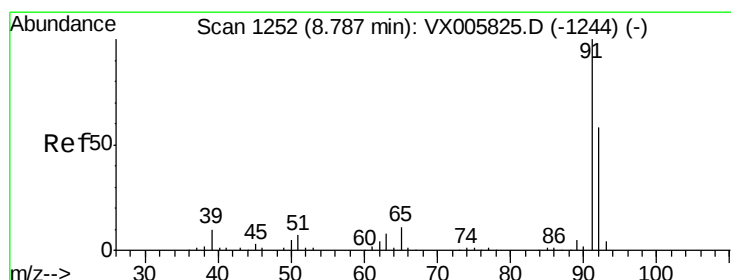
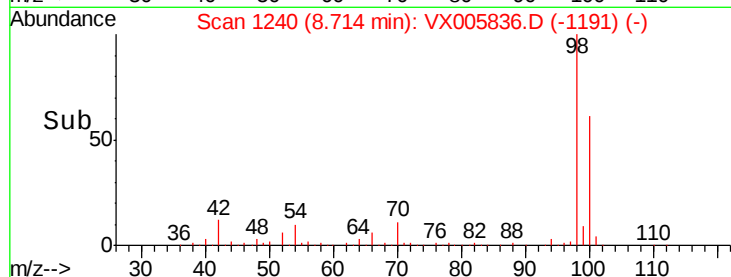
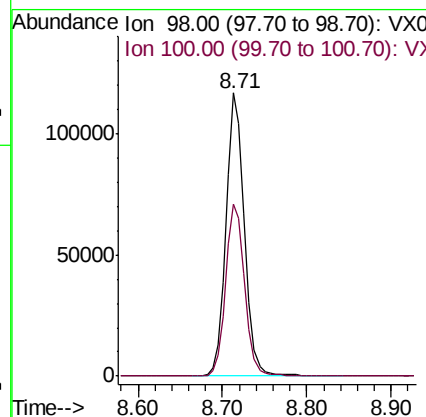
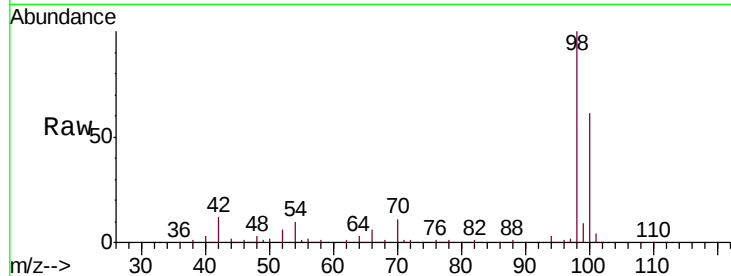




#50
Toluene-d8
Concen: 49.753 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005836.D
Acq: 07 Nov 2018 19:04

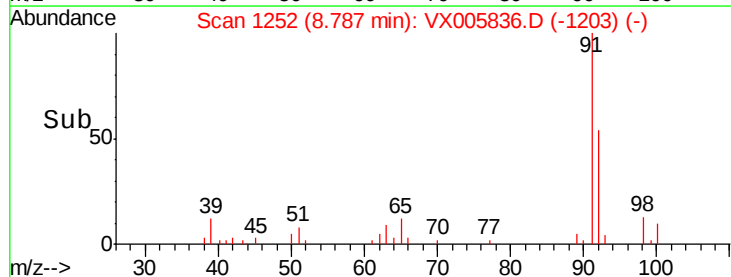
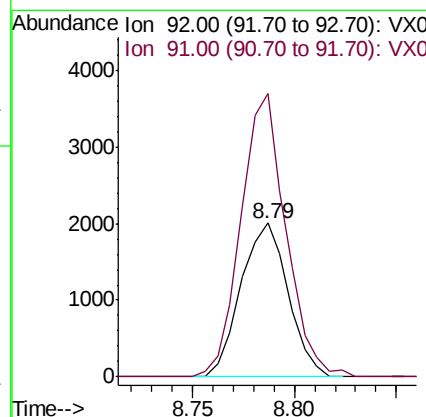
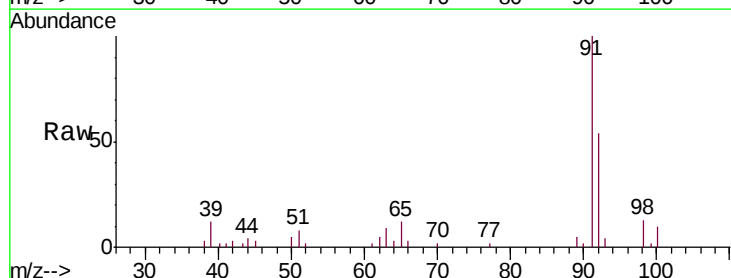
Instrument :
MSVOA_X
ClientSampleId :
SB-9-GW

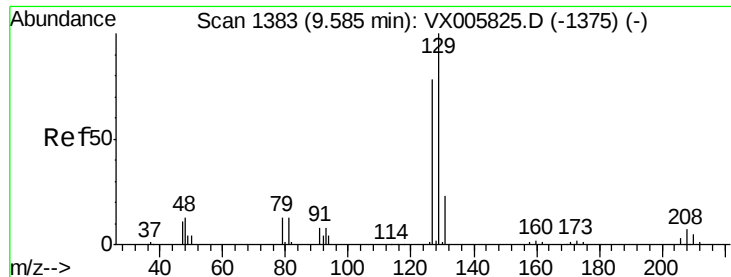
Tgt Ion: 98 Resp: 176055
Ion Ratio Lower Upper
98 100
100 63.0 51.3 76.9



#52
Toluene
Concen: 1.308 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005836.D
Acq: 07 Nov 2018 19:04

Tgt Ion: 92 Resp: 3215
Ion Ratio Lower Upper
92 100
91 175.6 140.4 210.6

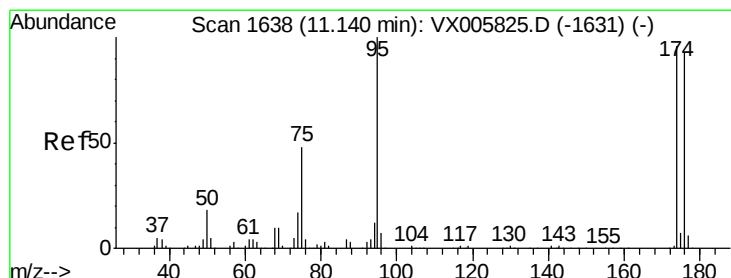
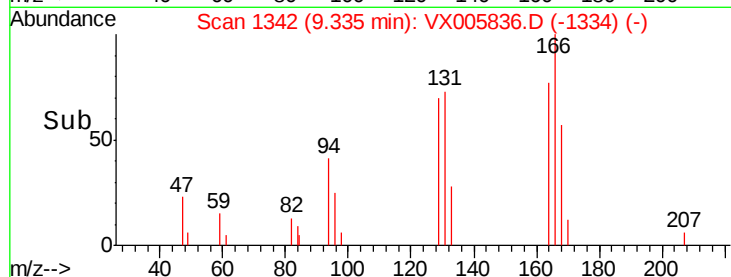
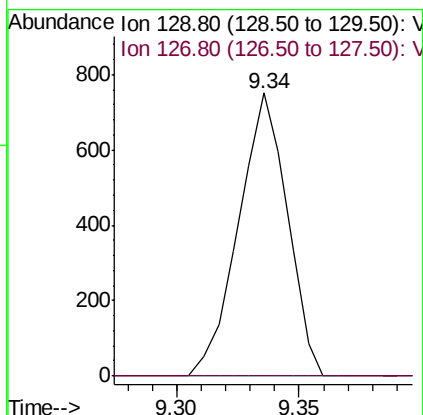
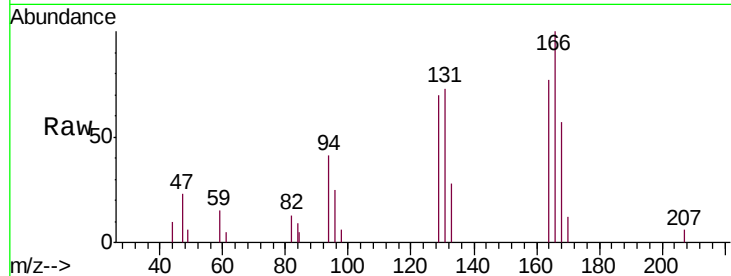




#60
 Dibromochloromethane
 Concen: 0.878 ug/l
 RT: 9.34 min Scan# 1342
 Delta R.T. -0.25 min
 Lab File: VX005836.D
 Acq: 07 Nov 2018 19:04

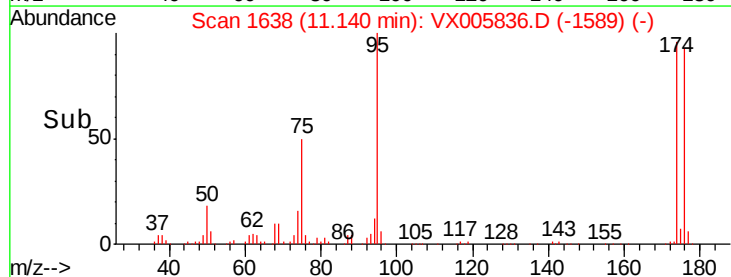
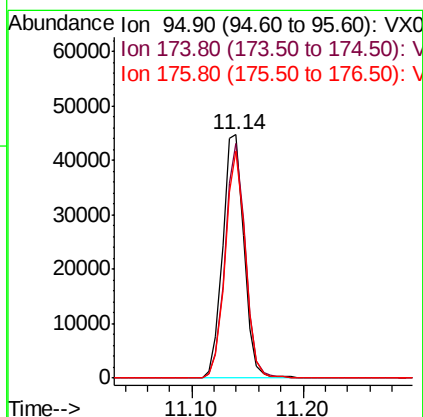
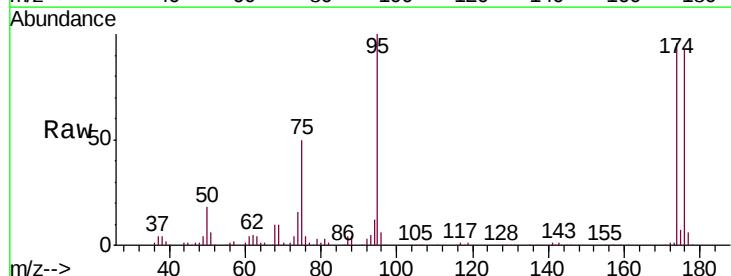
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-9-GW

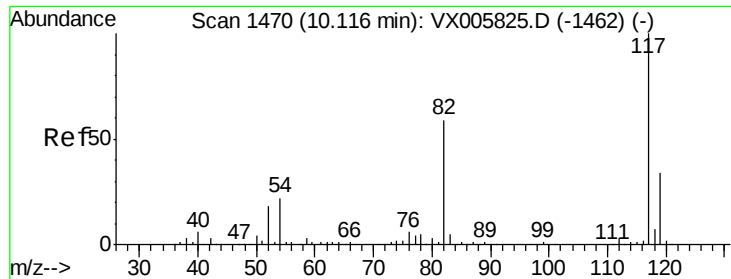
Tgt Ion:129 Resp: 1040
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.9 116.7#



#62
 4-Bromofluorobenzene
 Concen: 46.509 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: VX005836.D
 Acq: 07 Nov 2018 19:04

Tgt Ion: 95 Resp: 59171
 Ion Ratio Lower Upper
 95 100
 174 91.2 0.0 184.4
 176 88.2 0.0 177.4

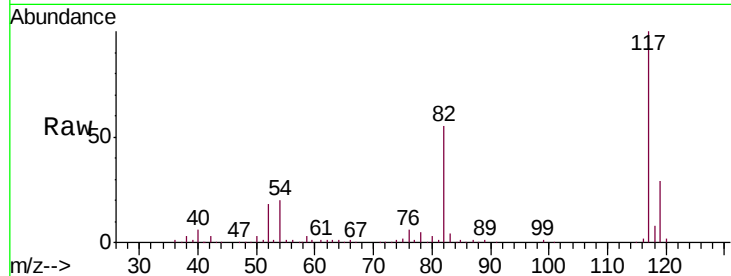




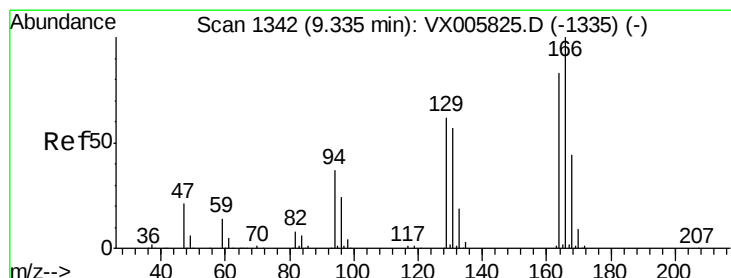
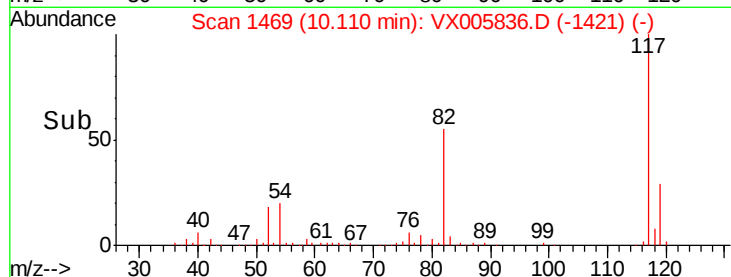
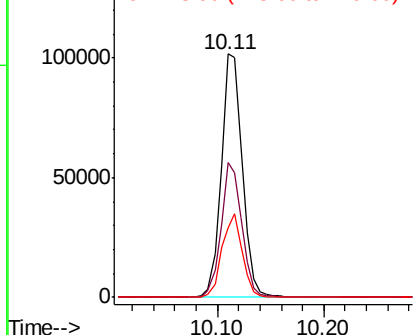
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX005836.D
Acq: 07 Nov 2018 19:04

Instrument :
MSVOA_X
ClientSampled :
SB-9-GW

Tgt Ion:117 Resp: 140574
Ion Ratio Lower Upper
117 100
82 55.2 44.1 66.1
119 28.6 26.2 39.2

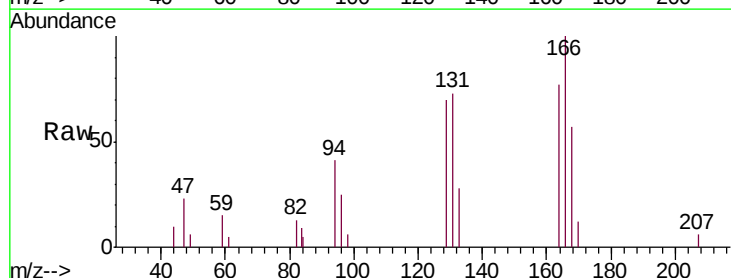


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

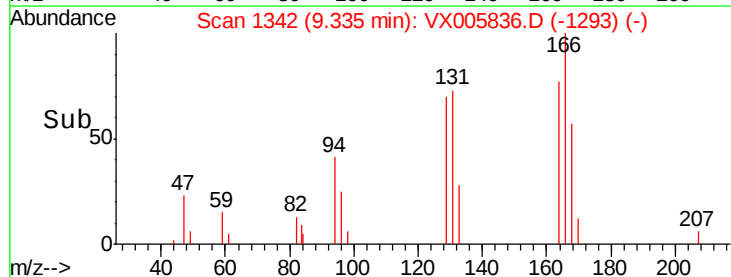
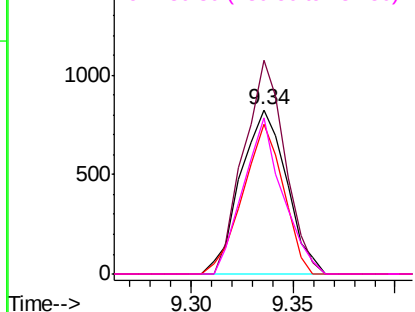


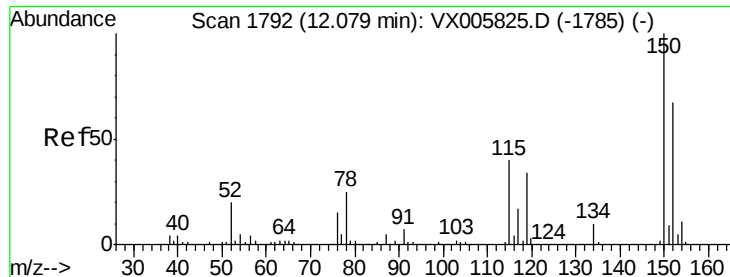
#64
Tetrachloroethene
Concen: 1.088 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005836.D
Acq: 07 Nov 2018 19:04

Tgt Ion:164 Resp: 1302
Ion Ratio Lower Upper
164 100
166 130.0 101.9 152.9
129 90.8 72.6 109.0
131 95.0 71.1 106.7



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005836.D

Acq: 07 Nov 2018 19:04

Instrument :

MSVOA_X

ClientSampled :

SB-9-GW

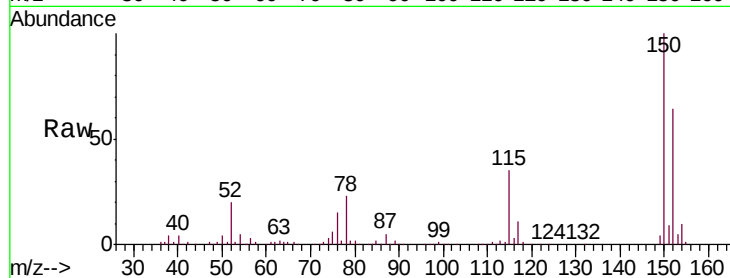
Tgt Ion:152 Resp: 64860

Ion Ratio Lower Upper

152 100

115 55.9 39.4 118.1

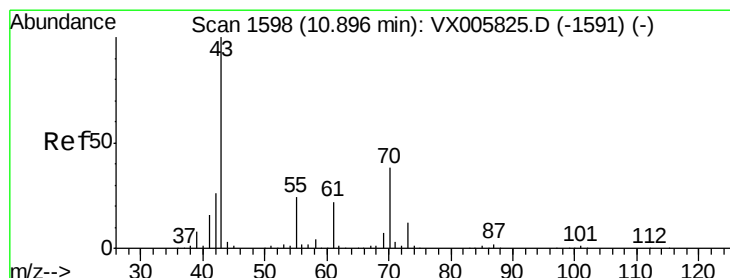
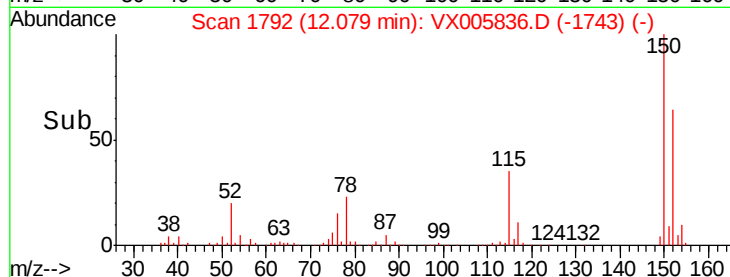
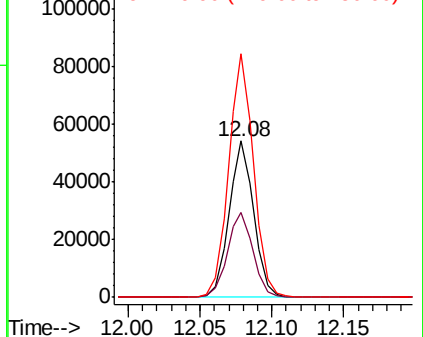
150 157.2 0.0 346.4



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



#74

N-ethyl acetate

Concen: 1.301 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.02 min

Lab File: VX005836.D

Acq: 07 Nov 2018 19:04

Tgt Ion: 43 Resp: 108

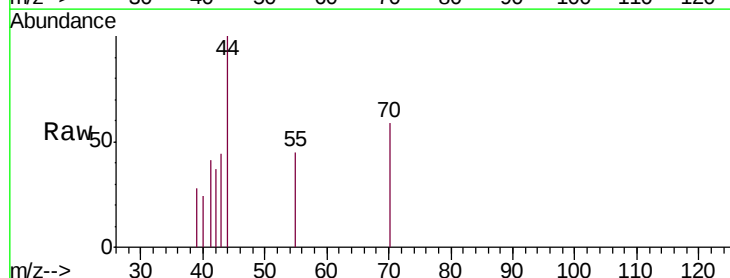
Ion Ratio Lower Upper

43 100

70 66.7 31.6 47.4#

55 57.4 19.7 29.5#

61 0.0 18.3 27.5#

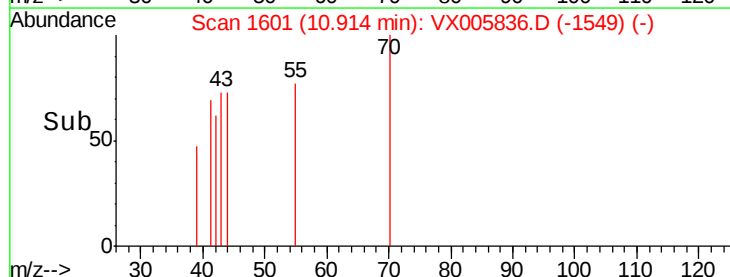
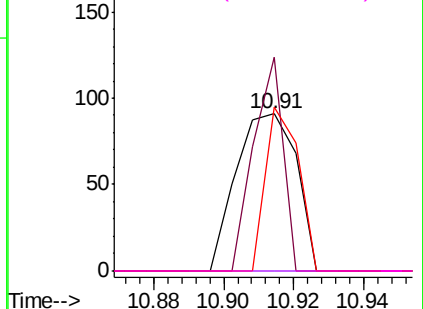


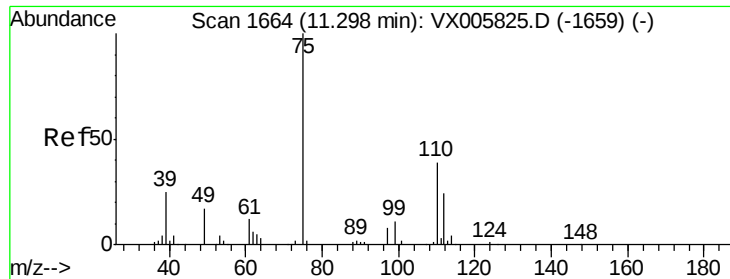
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

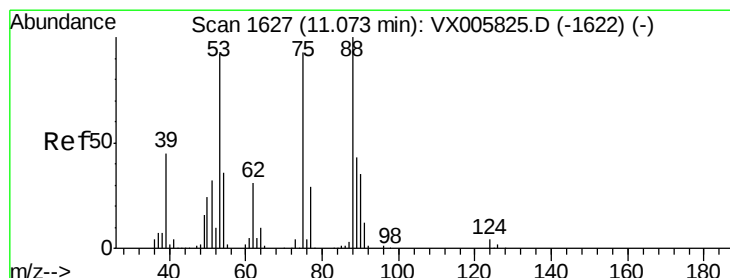
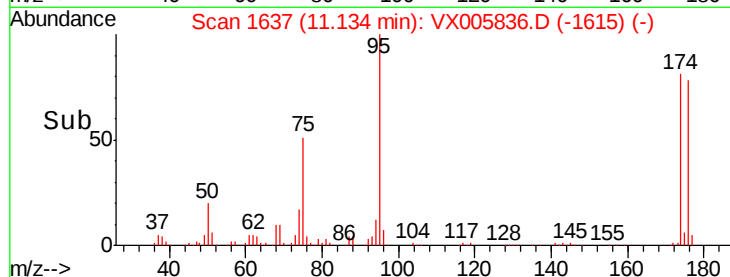
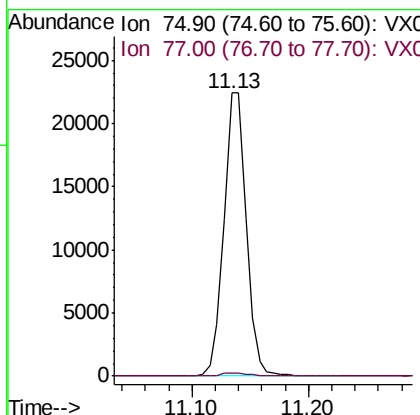
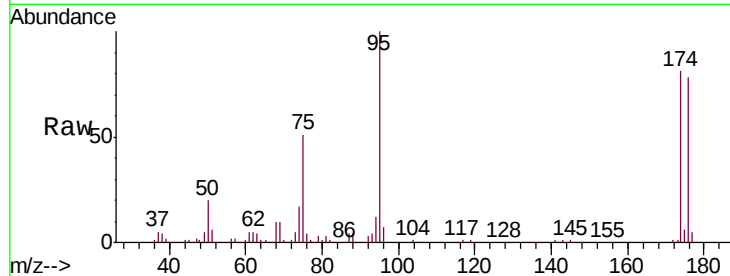




#76
 1,2,3-Trichloropropane
 Concen: 22.624 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX005836.D
 Acq: 07 Nov 2018 19:04

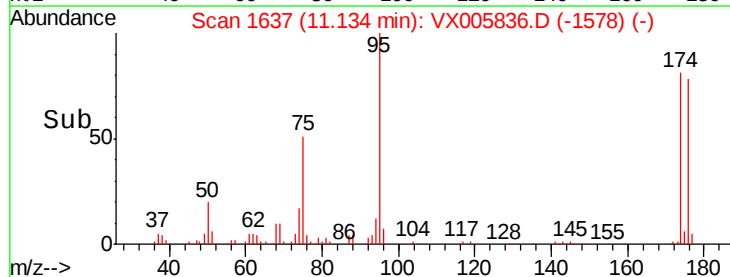
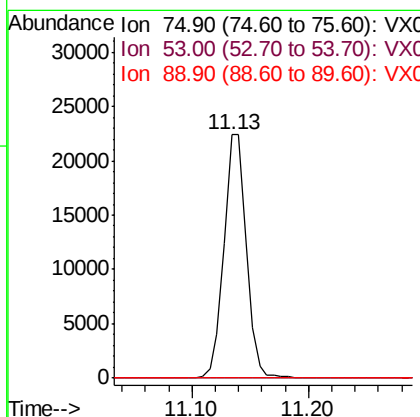
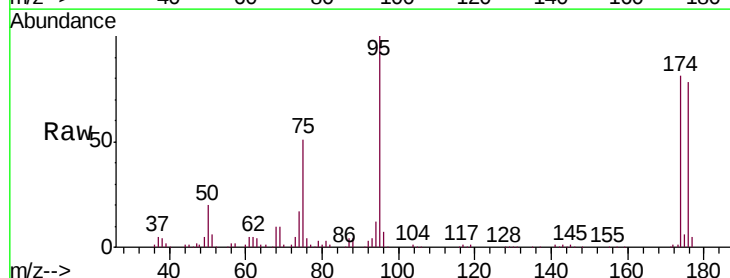
Instrument :
 MSVOA_X
 ClientSampled :
 SB-9-GW

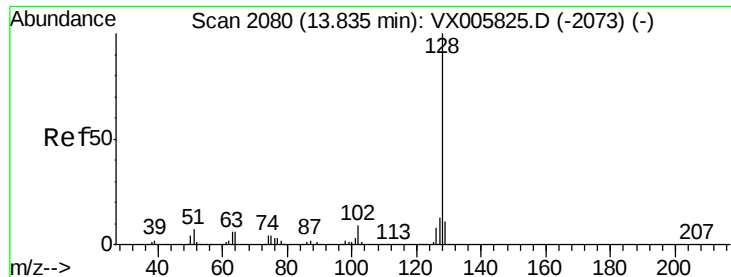
Tgt Ion: 75 Resp: 29879
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.5 61.6#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.106 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX005836.D
 Acq: 07 Nov 2018 19:04

Tgt Ion: 75 Resp: 29879
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.2 120.2#
 89 0.0 39.8 59.8#





#95
Naphthalene
Concen: 1.241 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005836.D
Acq: 07 Nov 2018 19:04

Instrument :
MSVOA_X
ClientSampleId :
SB-9-GW

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.7	13.1#

