

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
 Data File : VX009635.D
 Acq On : 17 May 2019 02:53
 Operator : JC/SP
 Sample : K2887-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW736-190515

Quant Time: May 17 06:44:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	169540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	271721	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	240283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	100603	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	115680	49.98	ug/l	0.00
Spiked Amount			Recovery	=	99.96%	
35) Dibromofluoromethane	5.50	113	84277	49.34	ug/l	0.00
Spiked Amount			Recovery	=	98.68%	
50) Toluene-d8	8.71	98	343713	49.84	ug/l	0.00
Spiked Amount			Recovery	=	99.68%	
62) 4-Bromofluorobenzene	11.13	95	112529	44.91	ug/l	0.00
Spiked Amount			Recovery	=	89.82%	

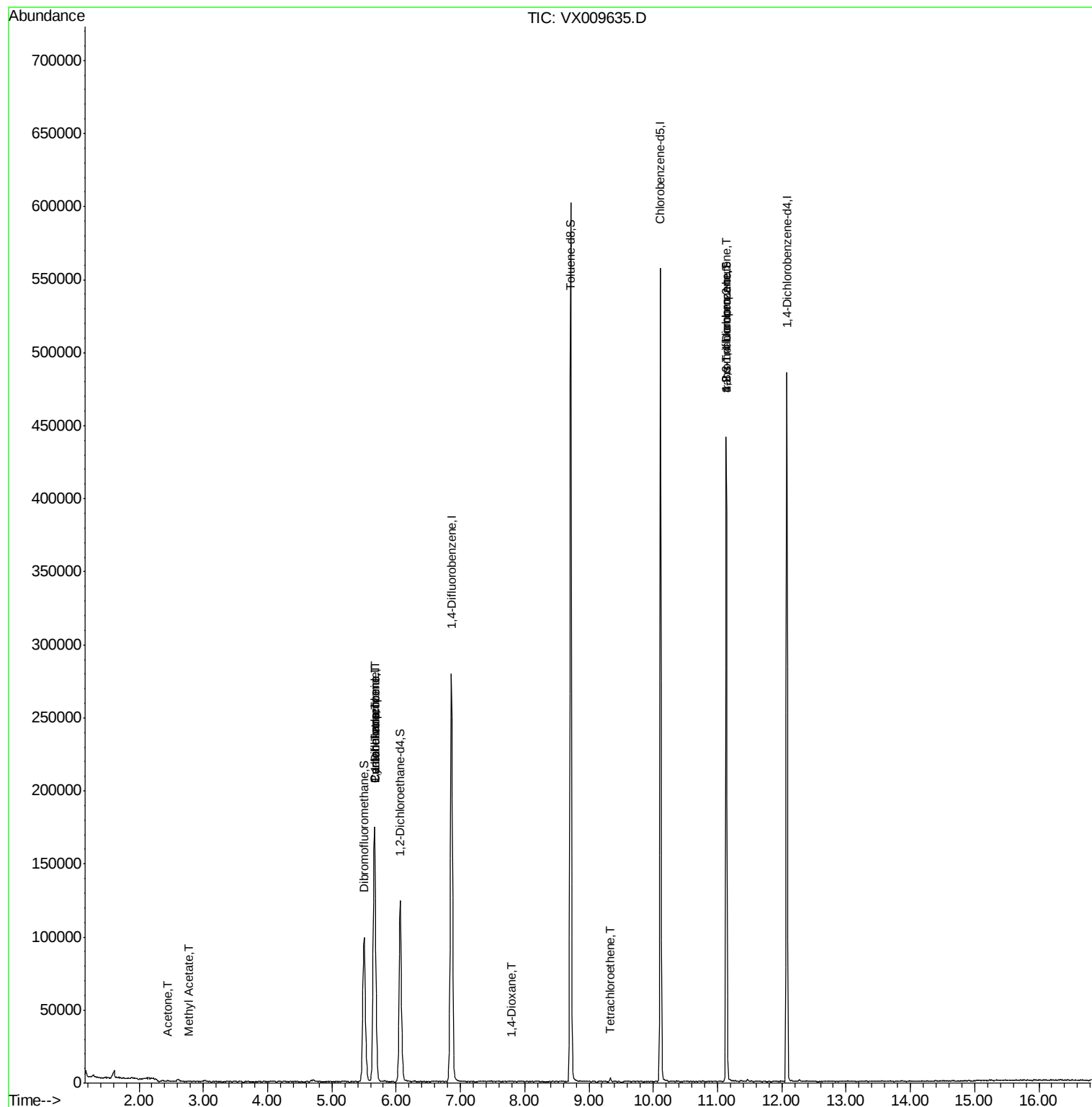
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	664	0.534	ug/l	98
18) Methyl Acetate	2.78	43	653	0.221	ug/l #	91
28) Bromochloromethane	5.03	49	19	Below Cal	#	20
31) Cyclohexane	5.67	56	3773	1.103	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	13214	5.233	ug/l #	51
38) Carbon Tetrachloride	5.67	117	16156	7.042	ug/l #	16
49) 1,4-Dioxane	7.79	88	19	0.336	ug/l #	1
64) Tetrachloroethene	9.33	164	363	0.220	ug/l #	76
76) 1,2,3-Trichloropropane	11.13	75	57676	24.715	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	57676	63.237	ug/l #	10

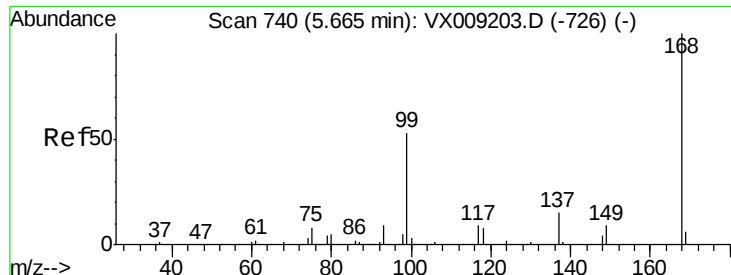
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 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: VX009635.D

Acq: 17 May 2019 02:53

Instrument :

MSVOA_X

ClientSampleId :

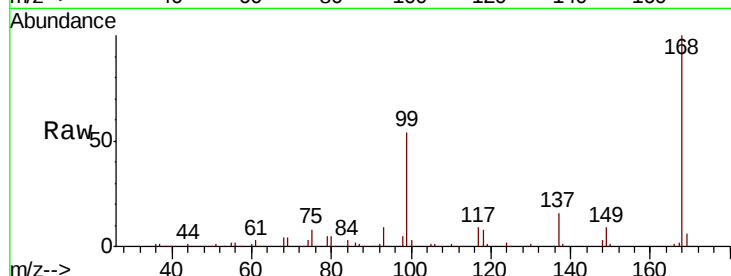
SS052MW736-190515

Tot Ion:168 Resp: 169540

Ion Ratio Lower Upper

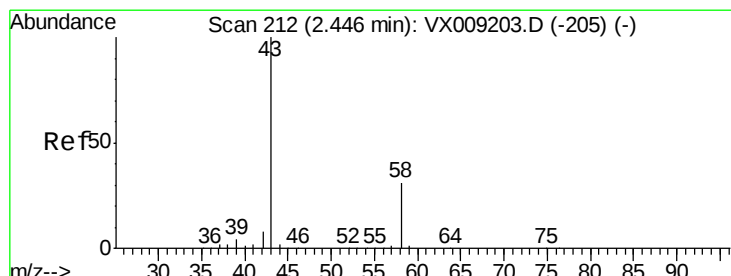
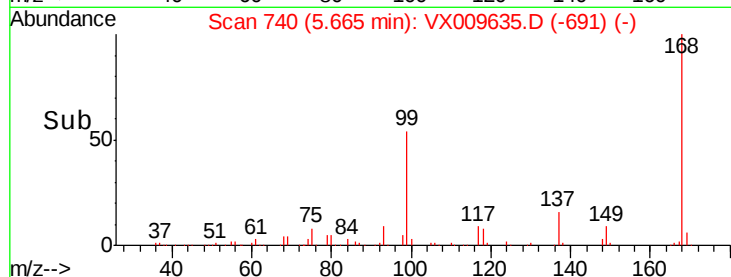
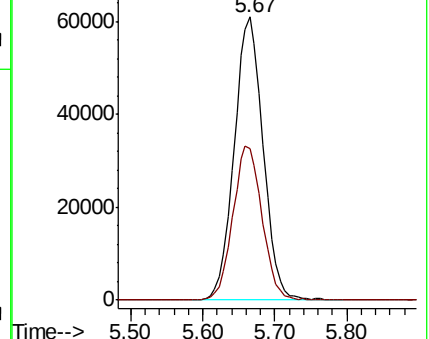
168 100

99 53.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 0.534 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009635.D

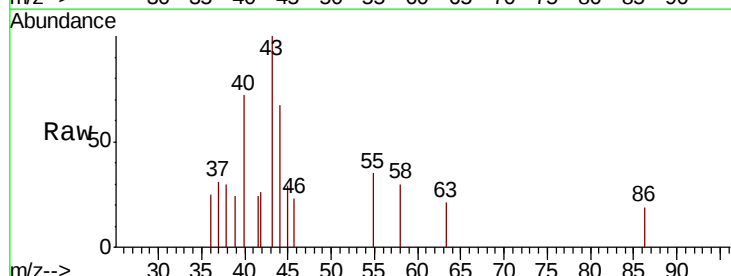
Acq: 17 May 2019 02:53

Tgt Ion: 43 Resp: 664

Ion Ratio Lower Upper

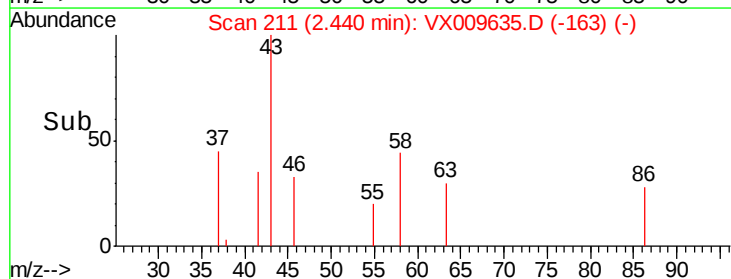
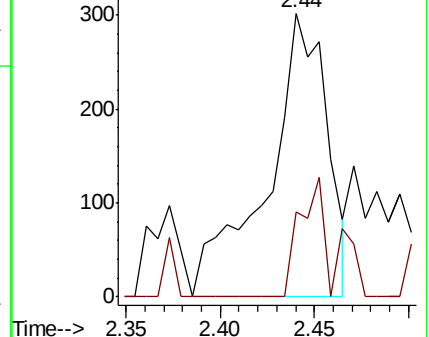
43 100

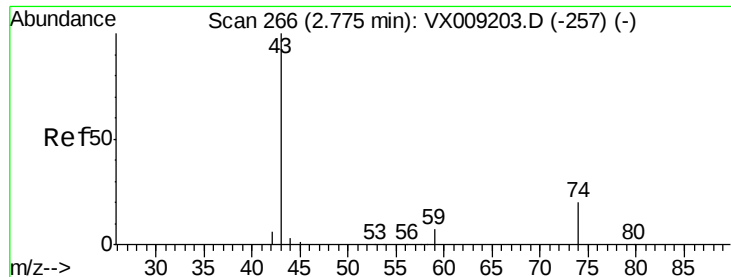
58 30.1 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

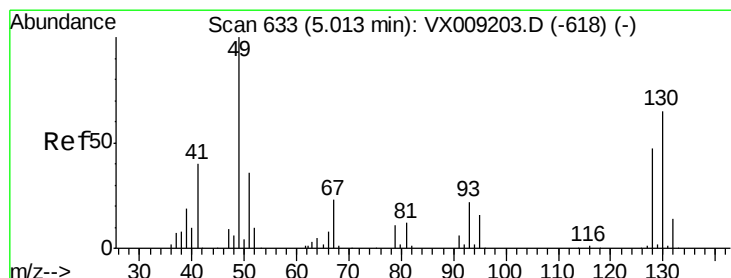
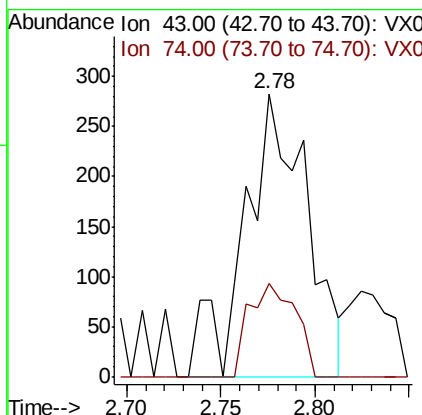
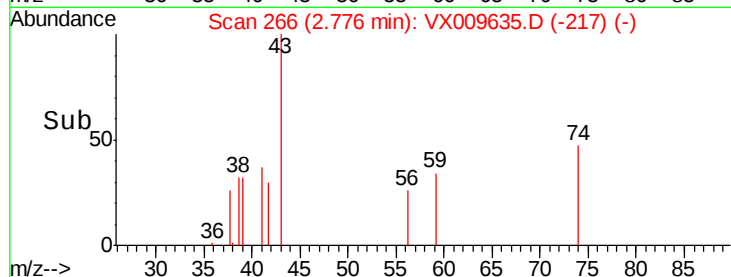
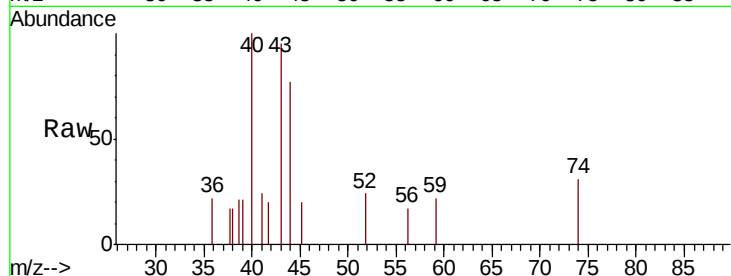




#18
Methyl Acetate
Concen: 0.221 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009635.D
Acq: 17 May 2019 02:53

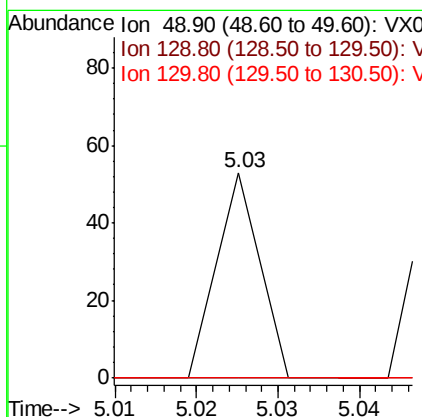
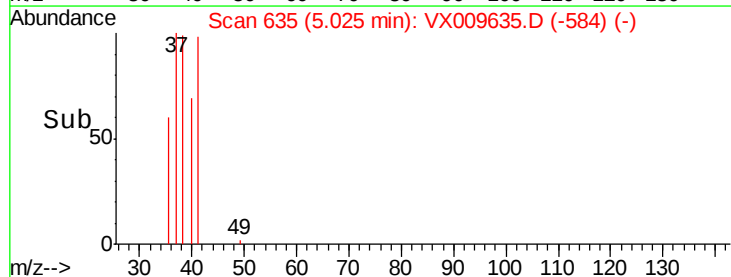
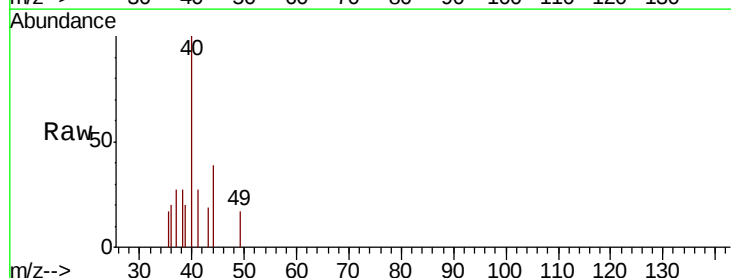
Instrument :
MSVOA_X
ClientSampleId :
SS052MW736-190515

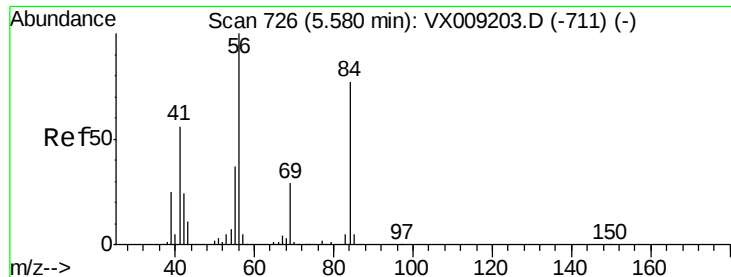
Tot Ion: 43 Resp: 653
Ion Ratio Lower Upper
43 100
74 24.5 16.2 24.4#



#28
Bromochloromethane
Concen: Below Cal
RT: 5.03 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX009635.D
Acq: 17 May 2019 02:53

Tgt Ion: 49 Resp: 19
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 51.2 76.8#

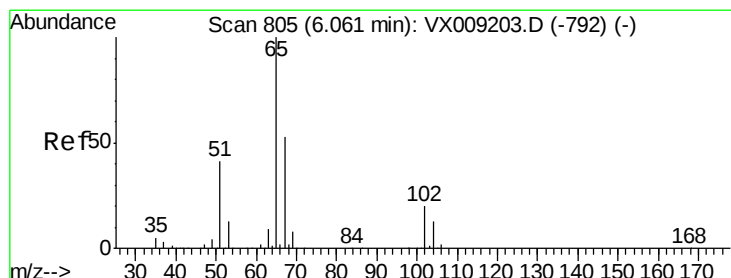
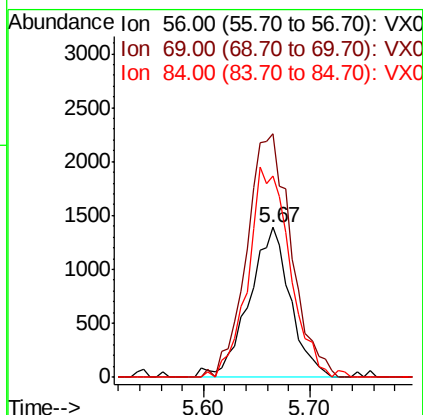
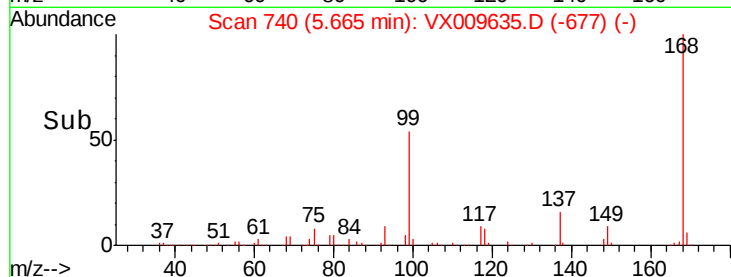
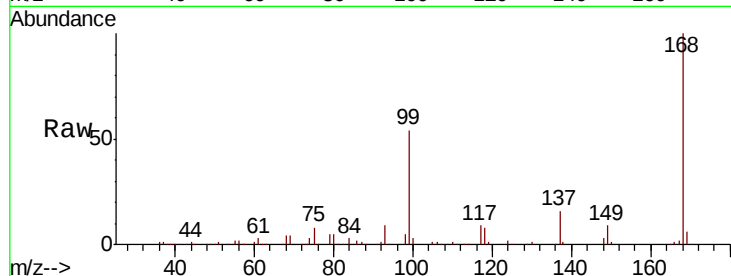




#31
Cyclohexane
Concen: 1.103 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX009635.D
Acq: 17 May 2019 02:53

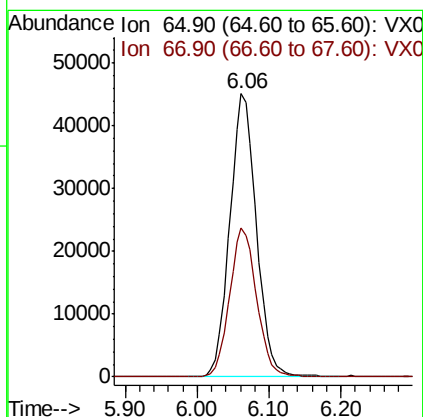
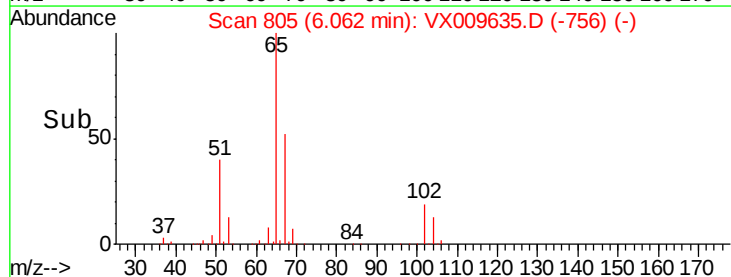
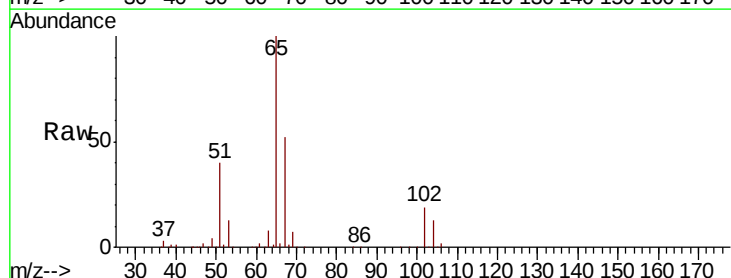
Instrument :
MSVOA_X
ClientSampleId :
SS052MW736-190515

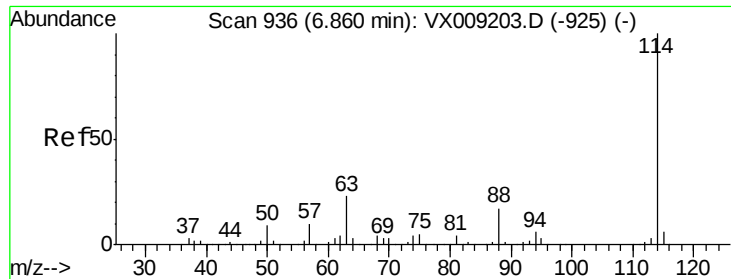
Tot Ion: 56 Resp: 3773
Ion Ratio Lower Upper
56 100
69 162.6 23.4 35.0#
84 134.4 61.9 92.9#



#33
1,2-Dichloroethane-d4
Concen: 49.982 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009635.D
Acq: 17 May 2019 02:53

Tgt Ion: 65 Resp: 115680
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.6

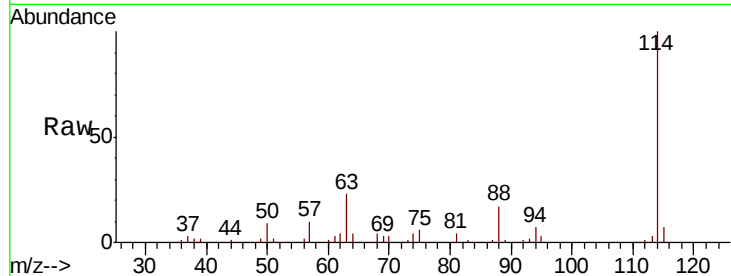




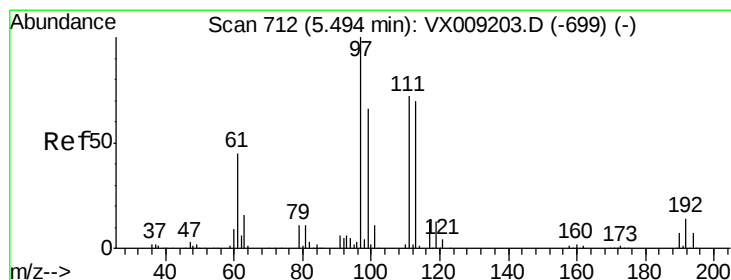
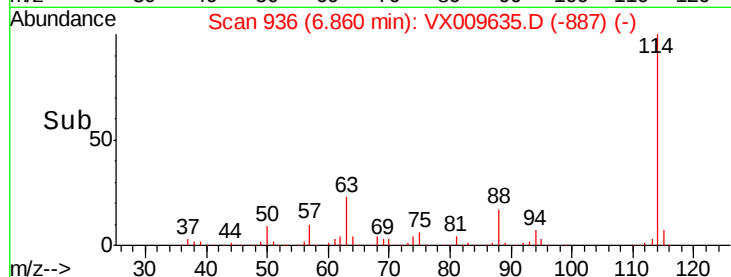
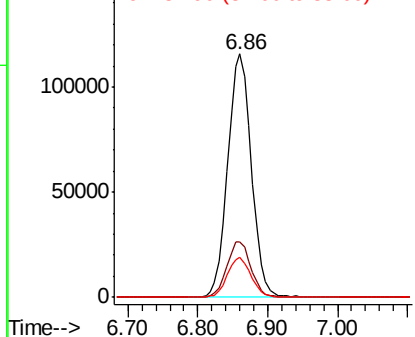
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009635.D
 Acq: 17 May 2019 02:53

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW736-190515

Tot Ion:114 Resp: 271721
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 45.6
 88 16.6 0.0 33.2

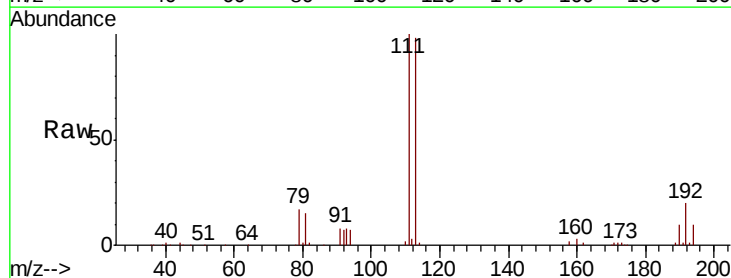


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

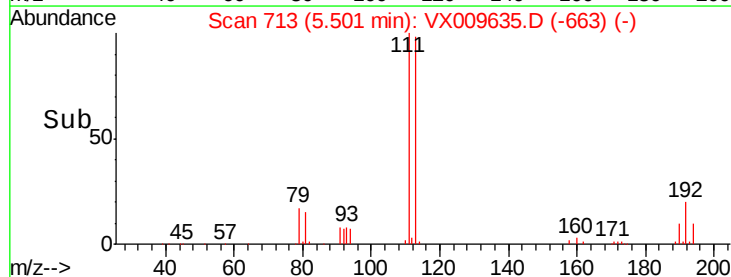
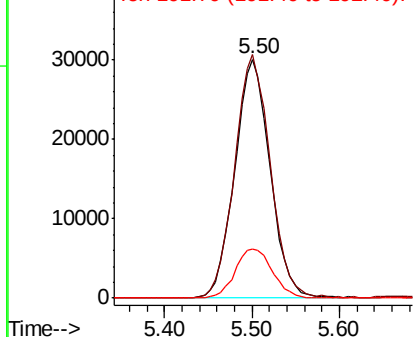


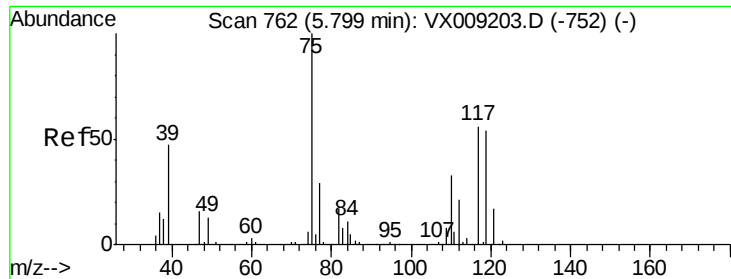
#35
 Dibromofluoromethane
 Concen: 49.338 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009635.D
 Acq: 17 May 2019 02:53

Tgt Ion:113 Resp: 84277
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.8 124.2
 192 21.7 17.0 25.6



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: 5.233 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX009635.D

Acq: 17 May 2019 02:53

Instrument :

MSVOA_X

ClientSampleId :

SS052MW736-190515

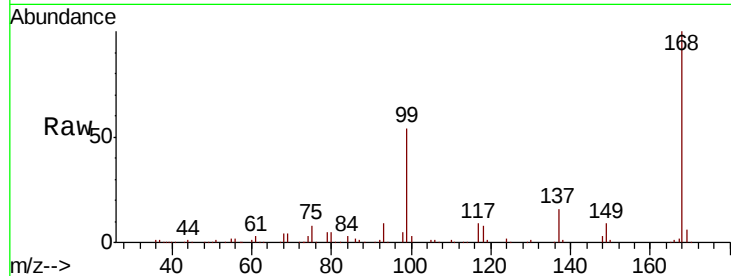
Tot Ion: 75 Resp: 13214

Ion Ratio Lower Upper

75 100

110 9.4 16.9 50.6#

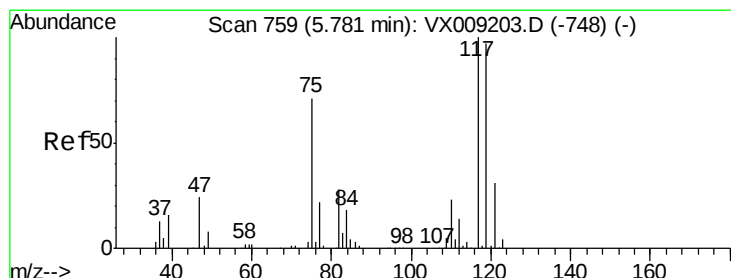
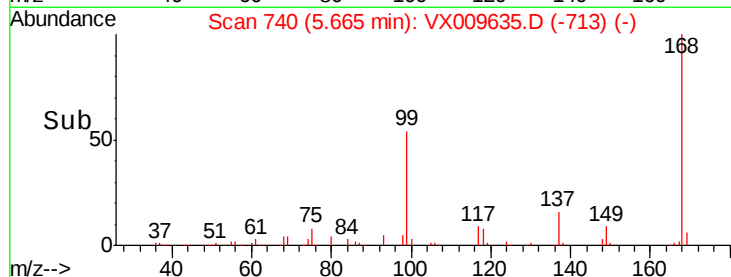
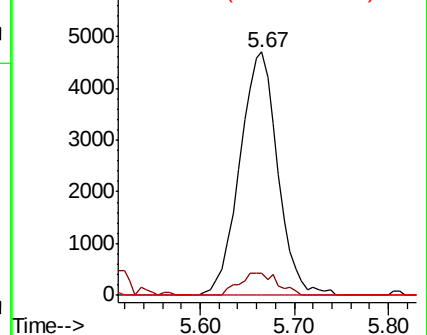
77 0.0 24.8 37.2#



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: 7.042 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX009635.D

Acq: 17 May 2019 02:53

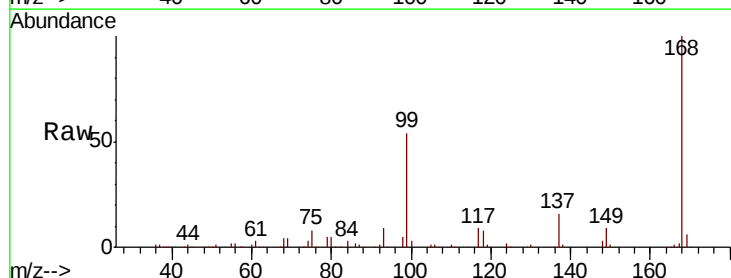
Tgt Ion: 117 Resp: 16156

Ion Ratio Lower Upper

117 100

119 5.7 77.5 116.3#

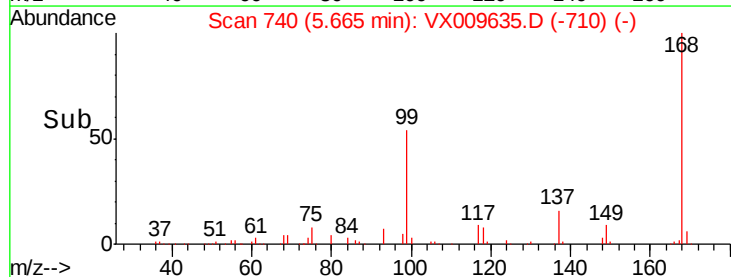
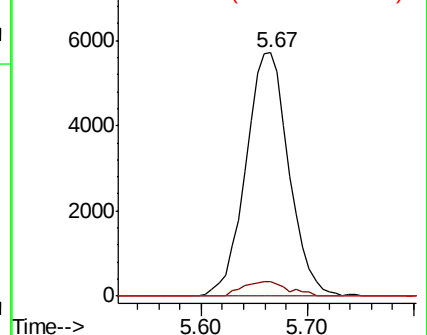
121 0.0 24.7 37.1#

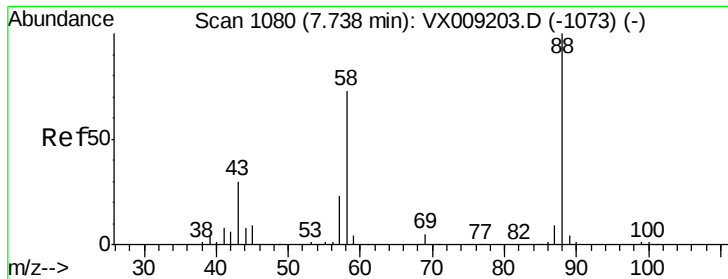


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#49

1,4-Dioxane

Concen: 0.336 ug/l

RT: 7.79 min Scan# 1089

Delta R.T. 0.05 min

Lab File: VX009635.D

Acq: 17 May 2019 02:53

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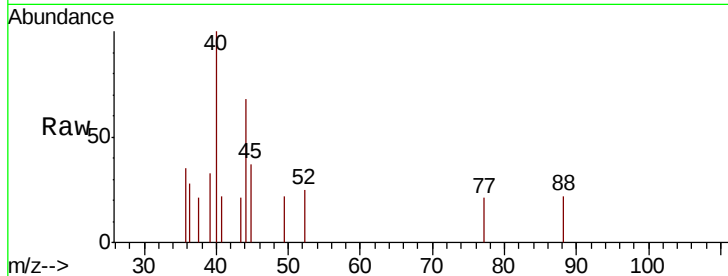
Tot Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 357.9 28.6 42.8#

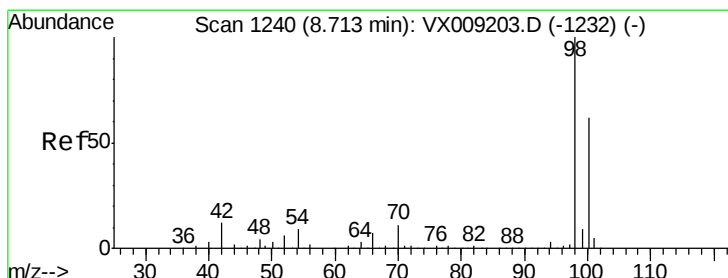
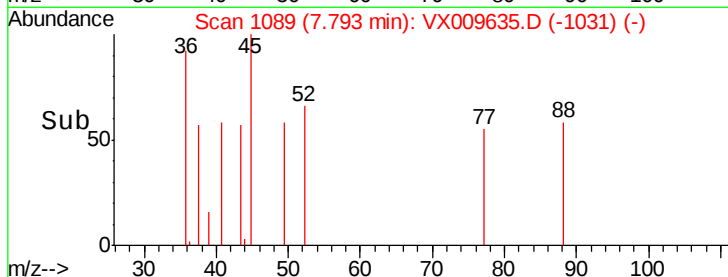
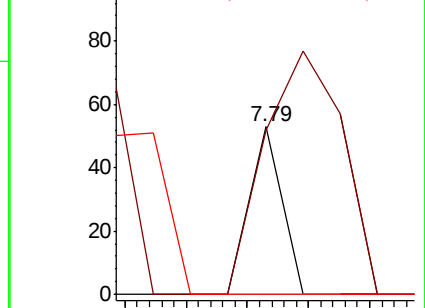
58 0.0 61.7 92.5#



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: 49.841 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009635.D

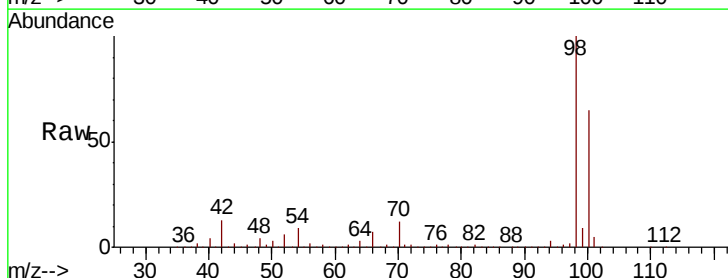
Acq: 17 May 2019 02:53

Tgt Ion: 98 Resp: 343713

Ion Ratio Lower Upper

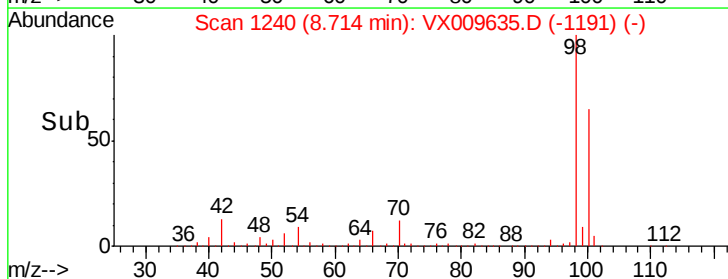
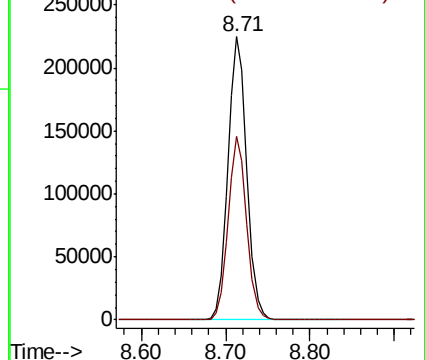
98 100

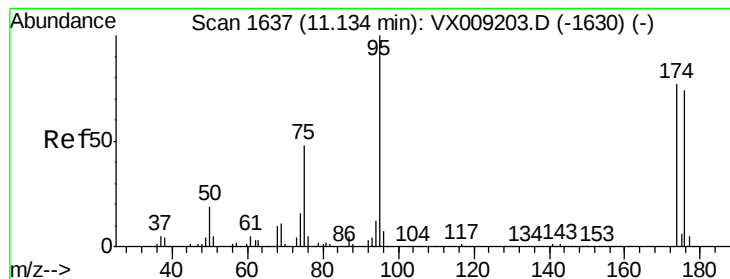
100 63.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.907 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009635.D

Acq: 17 May 2019 02:53

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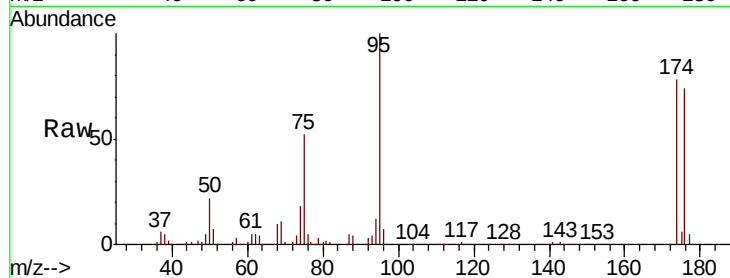
Tot Ion: 95 Resp: 112529

Ion Ratio Lower Upper

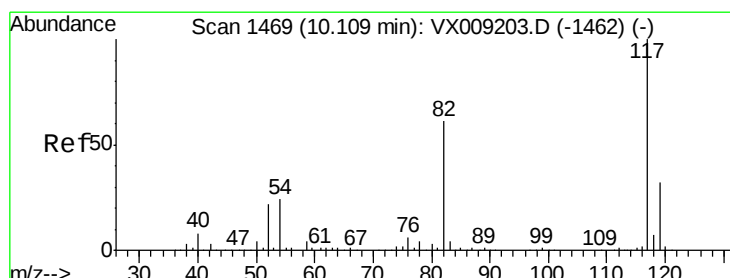
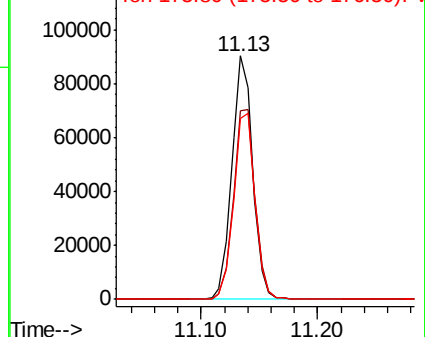
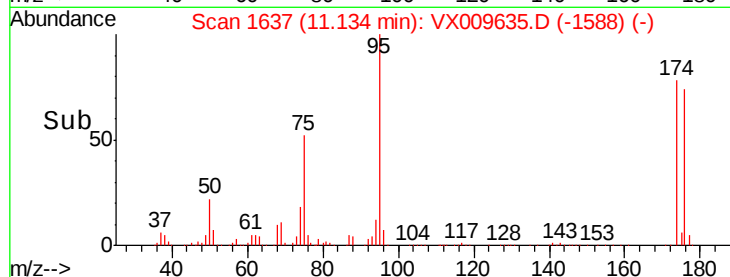
95 100

174 81.6 0.0 161.6

176 78.8 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009635.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009635.D

Acq: 17 May 2019 02:53

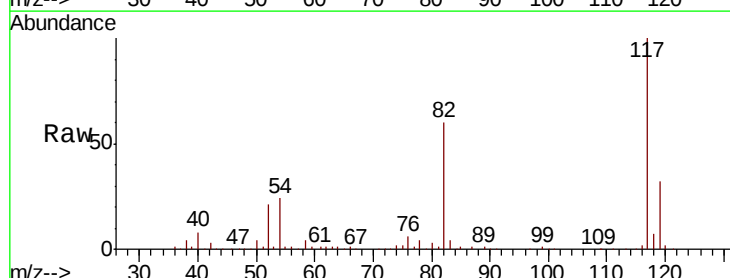
Tgt Ion: 117 Resp: 240283

Ion Ratio Lower Upper

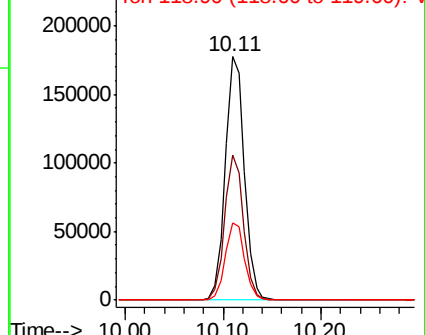
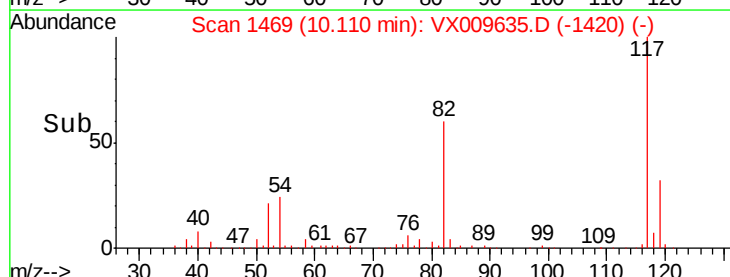
117 100

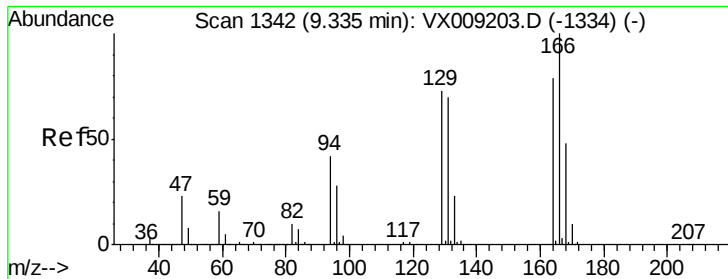
82 59.6 48.8 73.2

119 31.8 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VX009635.D (-1420) (-)

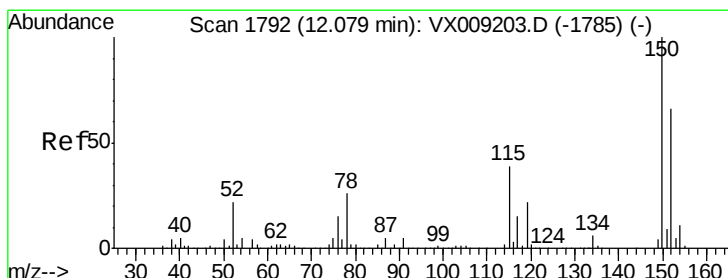
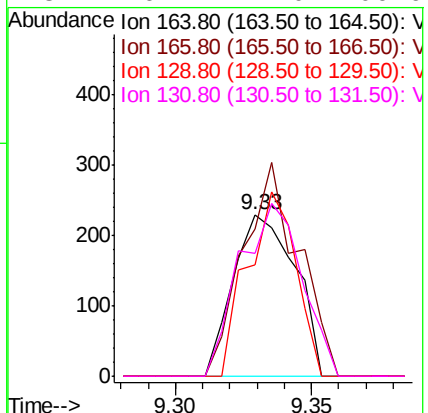
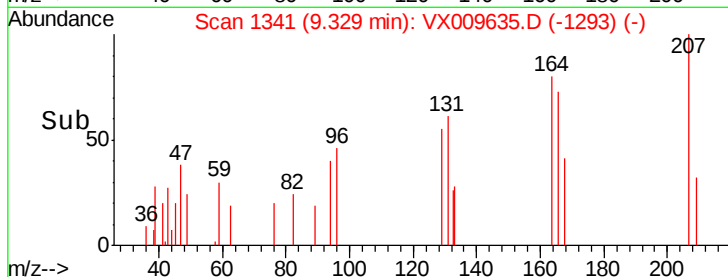
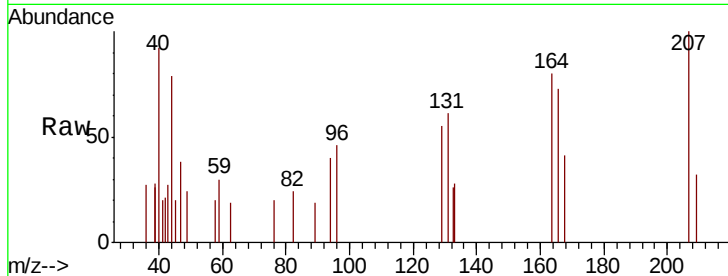




#64
Tetrachloroethene
Concen: 0.220 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX009635.D
Acq: 17 May 2019 02:53

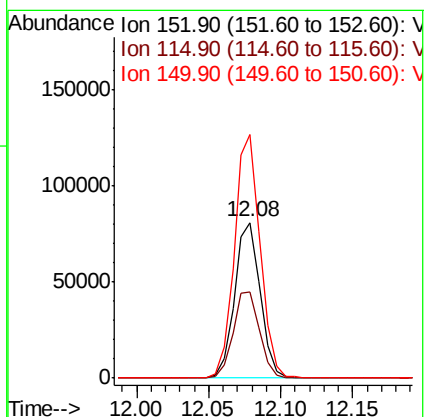
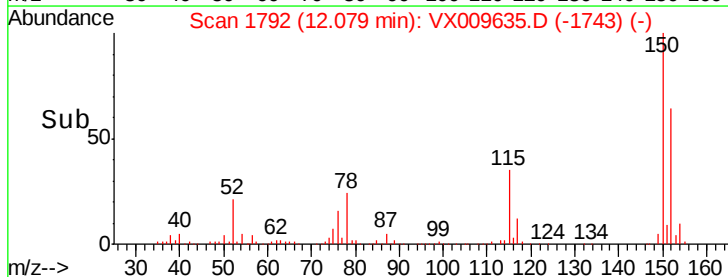
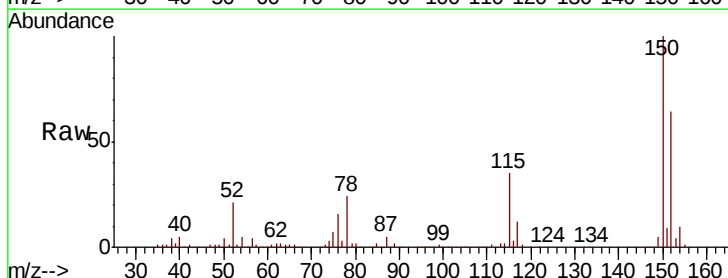
Instrument :
MSVOA_X
ClientSampleId :
SS052MW736-190515

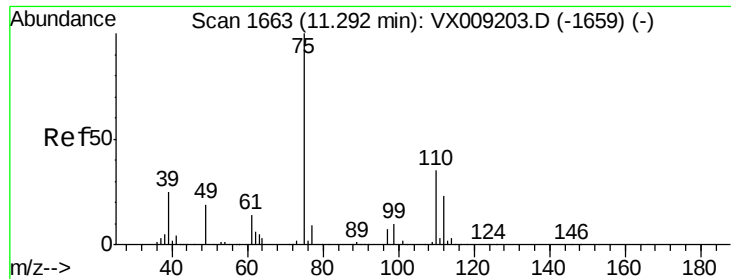
Tot Ion	Ratio	Lower	Upper
164	100		
166	91.3	101.2	151.8#
129	69.1	74.3	111.5#
131	76.1	71.0	106.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009635.D
Acq: 17 May 2019 02:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.6	41.2	123.6
150	157.0	0.0	346.4





#76

1,2,3-Trichloropropane

Concen: 24.715 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009635.D

Acq: 17 May 2019 02:53

Instrument :

MSVOA_X

ClientSampleId :

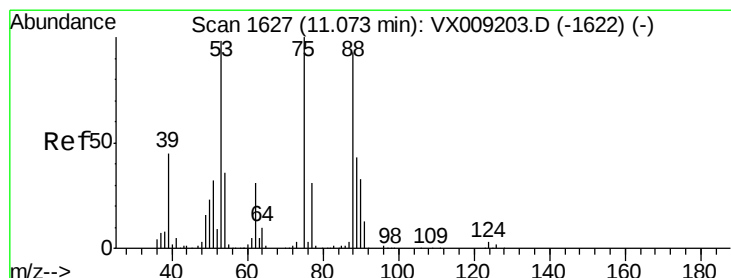
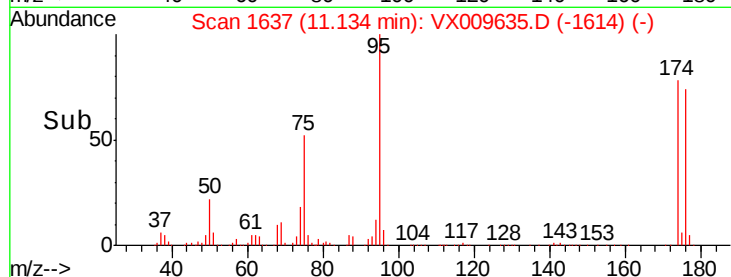
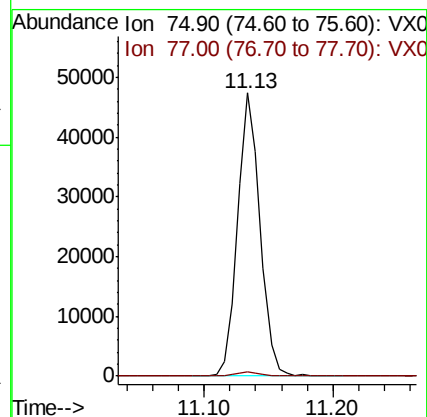
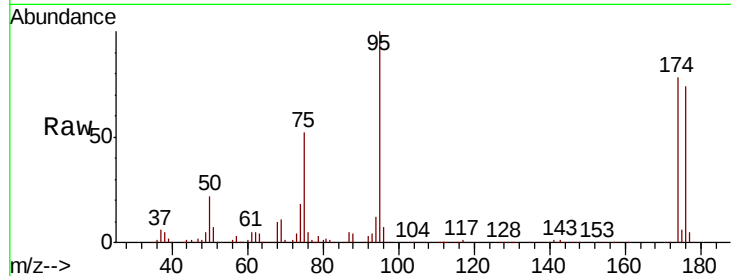
SS052MW736-190515

Tot Ion: 75 Resp: 57676

Ion Ratio Lower Upper

75 100

77 1.5 22.1 66.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.237 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009635.D

Acq: 17 May 2019 02:53

Tgt Ion: 75 Resp: 57676

Ion Ratio Lower Upper

75 100

53 0.1 79.0 118.6#

89 0.0 34.7 52.1#

