

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040619\
 Data File : VX008724.D
 Acq On : 06 Apr 2019 16:38
 Operator : JC/SP
 Sample : K2295-03 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW026-190404

Quant Time: Apr 08 01:55:13 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	5.66	168	202674	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	333431	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	288381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	120171	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	137627	46.56	ug/l	0.00
Spiked Amount			Recovery	=	93.12%	
35) Dibromofluoromethane	5.50	113	100199	47.00	ug/l	0.00
Spiked Amount			Recovery	=	94.00%	
50) Toluene-d8	8.71	98	416655	49.09	ug/l	0.00
Spiked Amount			Recovery	=	98.18%	
62) 4-Bromofluorobenzene	11.13	95	139260	46.26	ug/l	0.00
Spiked Amount			Recovery	=	92.52%	

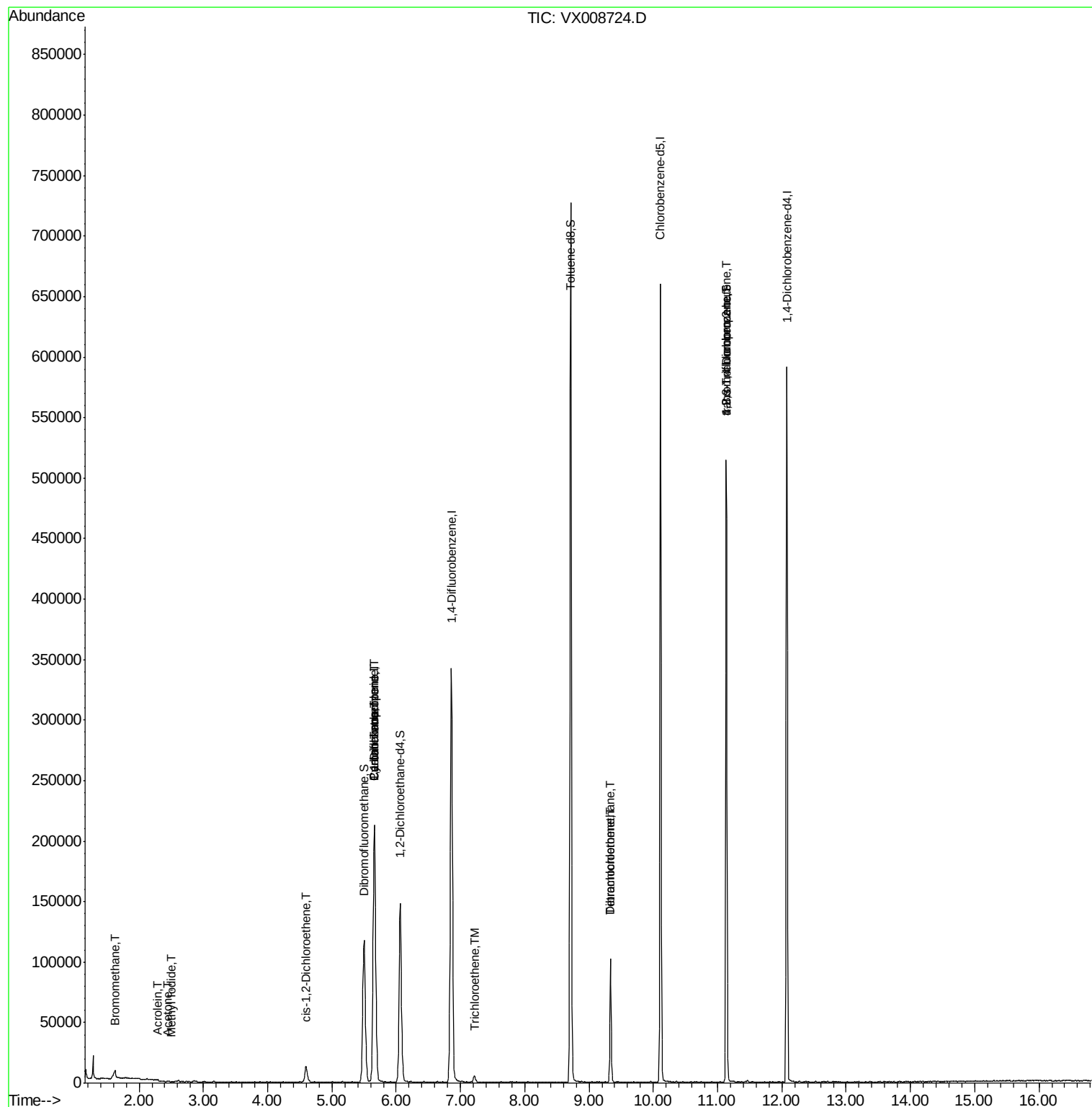
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	484	Below Cal	#	76
5) Bromomethane	1.64	94	300	2.071	ug/l #	53
6) Chloroethane	1.76	64	346	Below Cal	#	43
10) Methyl Iodide	2.51	142	19	4.012	ug/l #	42
13) Acrolein	2.29	56	97	0.283	ug/l #	1
16) Acetone	2.45	43	587	0.345	ug/l #	77
17) Carbon Disulfide	2.56	76	485	Below Cal	#	75
27) cis-1,2-Dichloroethene	4.60	96	7725	2.651	ug/l	89
28) Bromochloromethane	5.08	49	65	Below Cal	#	22
31) Cyclohexane	5.66	56	4522	0.885	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	16492	4.525	ug/l #	50
38) Carbon Tetrachloride	5.66	117	19483	6.459	ug/l #	18
44) Trichloroethene	7.21	130	1984	0.785	ug/l	88
60) Dibromochloromethane	9.34	129	18413	7.604	ug/l #	11
64) Tetrachloroethene	9.34	164	19305	9.035	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	70637	21.397	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	70637	58.983	ug/l #	9

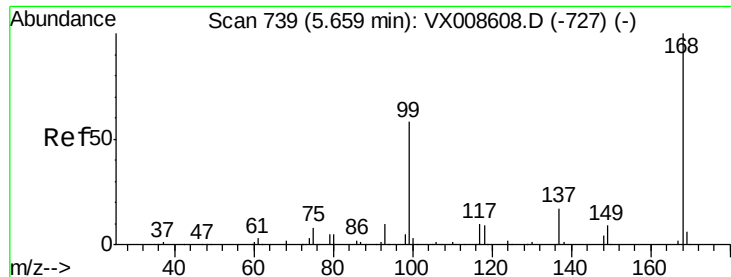
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX040619\
Data File : VX008724.D
Acq On : 06 Apr 2019 16:38
Operator : JC/SP
Sample : K2295-03 10X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ST008MW026-190404

Quant Time: Apr 08 01:55:13 2019
Quant Method : Z:\V0ASRV\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: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008724.D

Acq: 06 Apr 2019 16:38

Instrument :

MSVOA_X

ClientSampleId :

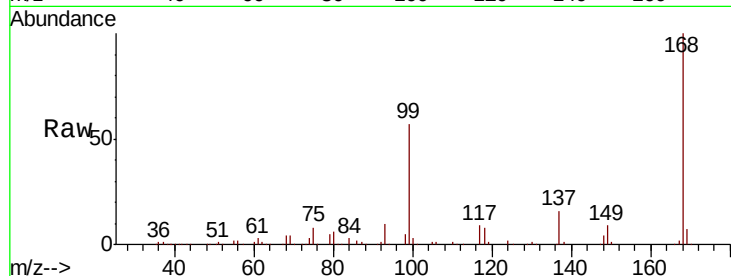
ST008MW026-190404

Tot Ion:168 Resp: 202674

Ion Ratio Lower Upper

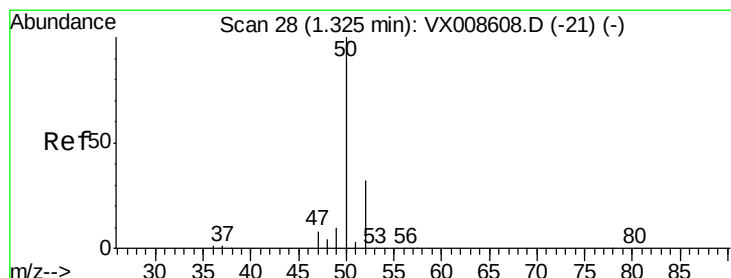
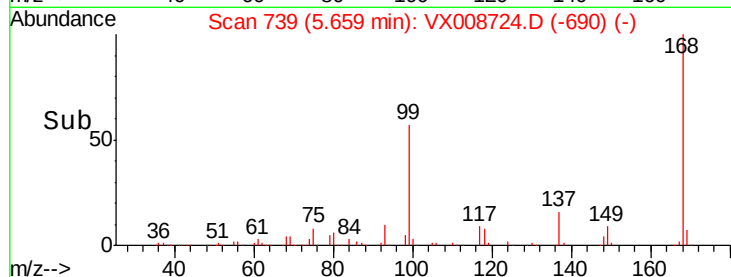
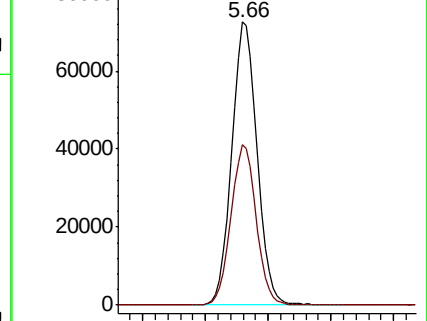
168 100

99 56.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008724.D

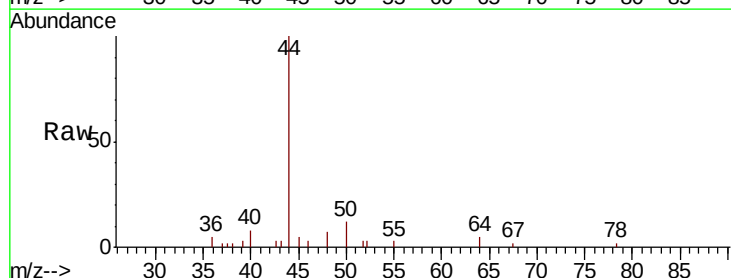
Acq: 06 Apr 2019 16:38

Tgt Ion: 50 Resp: 484

Ion Ratio Lower Upper

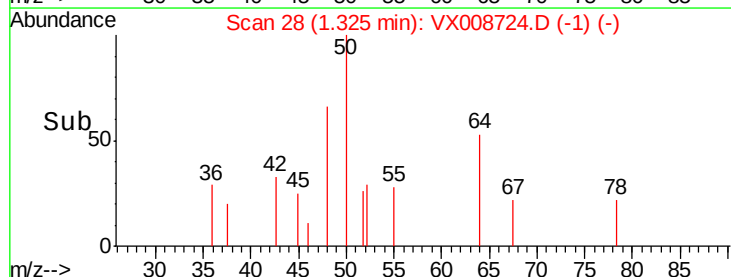
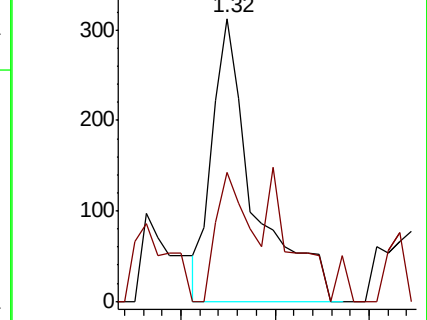
50 100

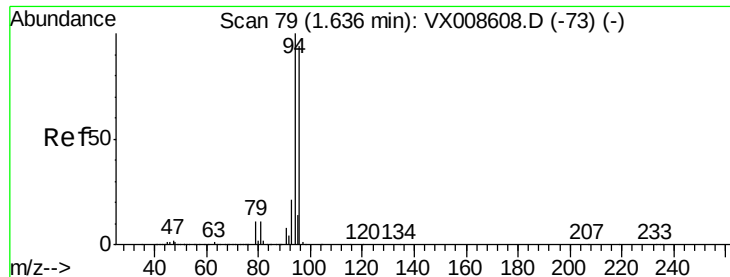
52 45.7 25.8 38.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 2.071 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008724.D

Acq: 06 Apr 2019 16:38

Instrument :

MSVOA_X

ClientSampleId :

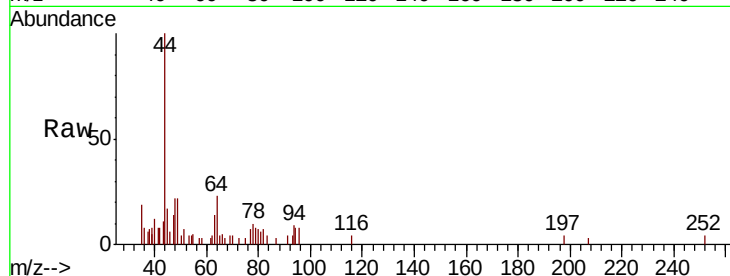
ST008MW026-190404

Tot Ion: 94 Resp: 300

Ion Ratio Lower Upper

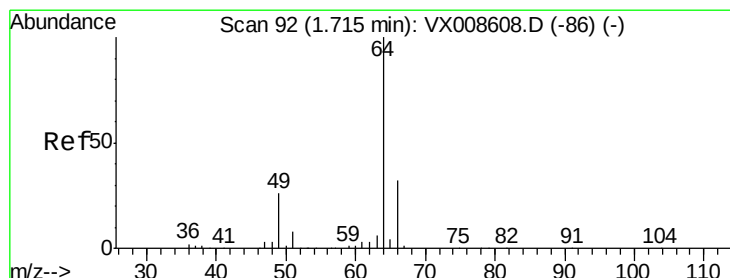
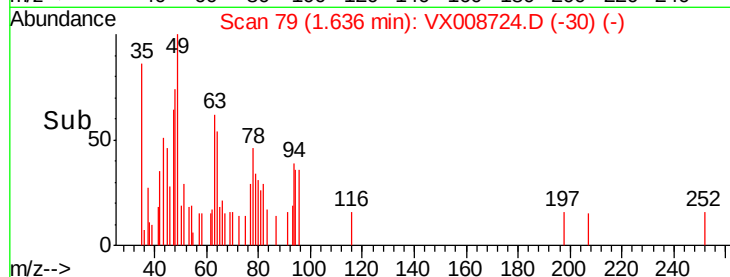
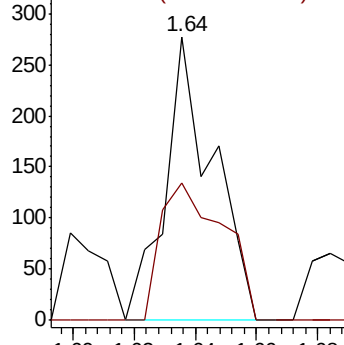
94 100

96 48.2 75.2 112.8#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.76 min Scan# 99

Delta R.T. 0.04 min

Lab File: VX008724.D

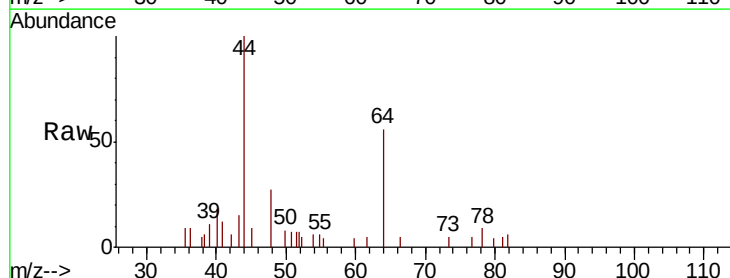
Acq: 06 Apr 2019 16:38

Tgt Ion: 64 Resp: 346

Ion Ratio Lower Upper

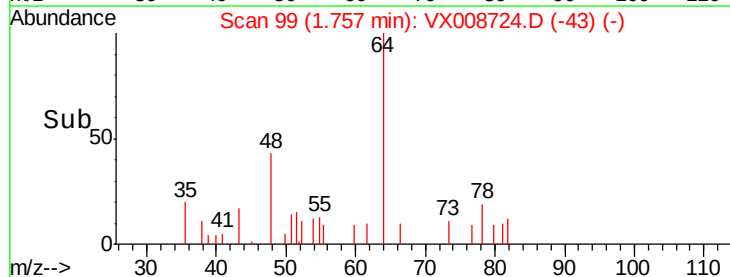
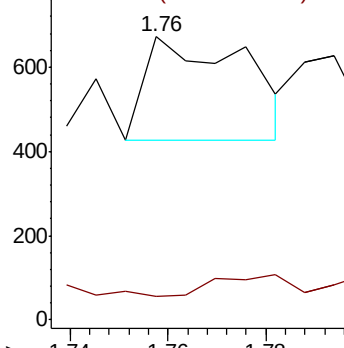
64 100

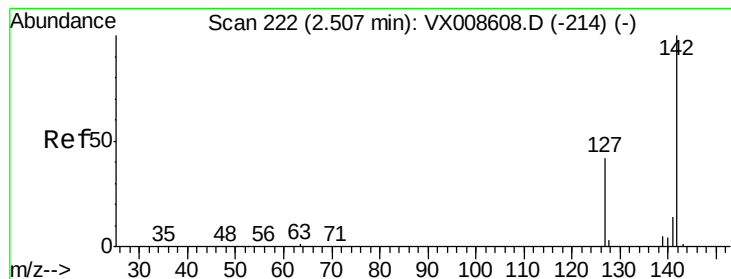
66 0.0 25.4 38.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#10

Methvl Iodide

Concen: 4.012 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX008724.D

Acq: 06 Apr 2019 16:38

Instrument :

MSVOA_X

ClientSampleId :

ST008MW026-190404

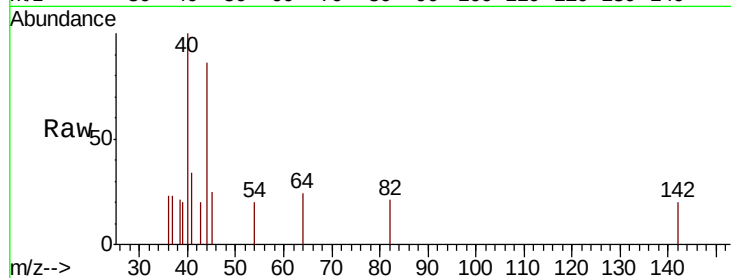
Tot Ion:142 Resp: 19

Ion Ratio Lower Upper

142 100

127 0.0 33.0 49.6#

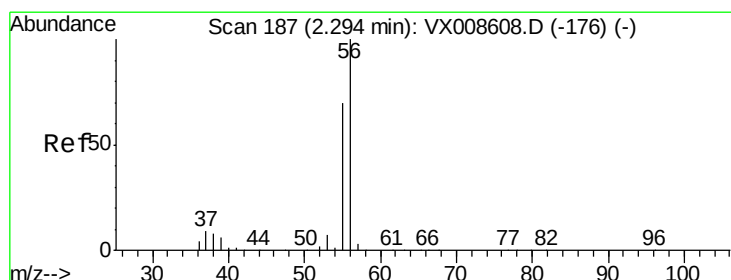
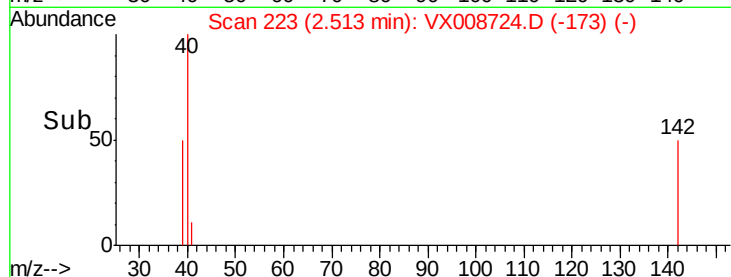
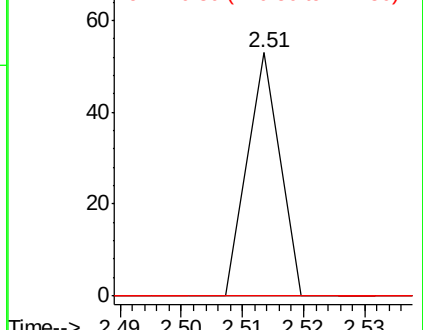
141 0.0 11.4 17.2#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#13

Acrolein

Concen: 0.283 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX008724.D

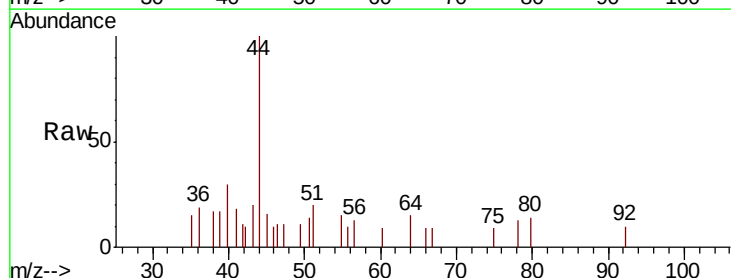
Acq: 06 Apr 2019 16:38

Tgt Ion: 56 Resp: 97

Ion Ratio Lower Upper

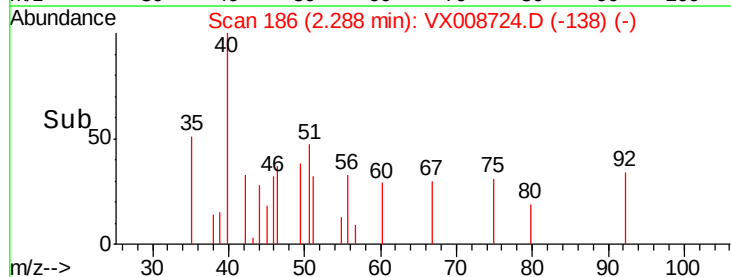
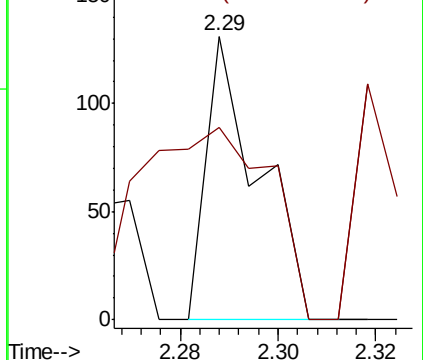
56 100

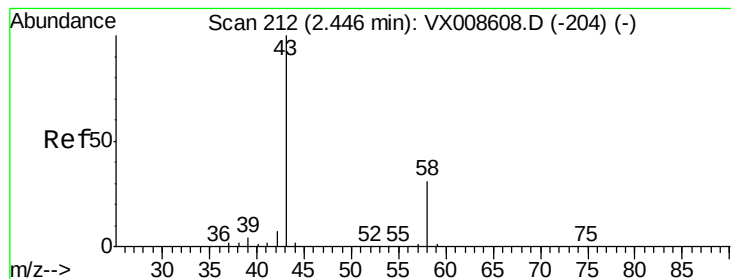
55 170.1 58.0 87.0#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 0.345 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008724.D

Acq: 06 Apr 2019 16:38

Instrument :

MSVOA_X

ClientSampleId :

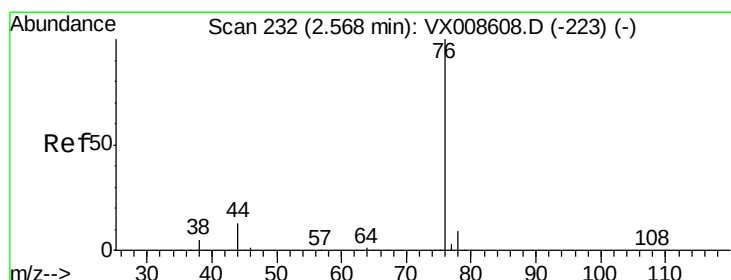
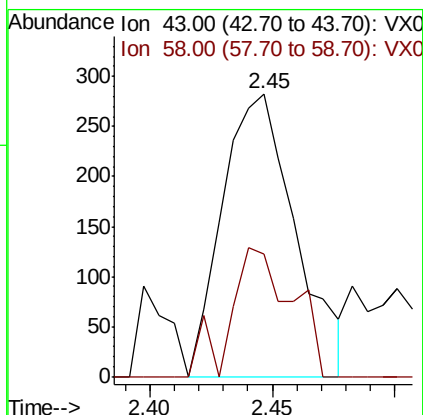
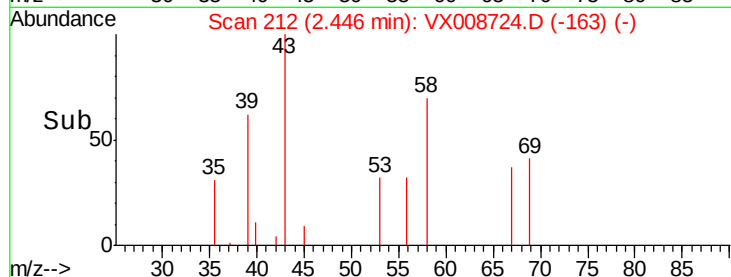
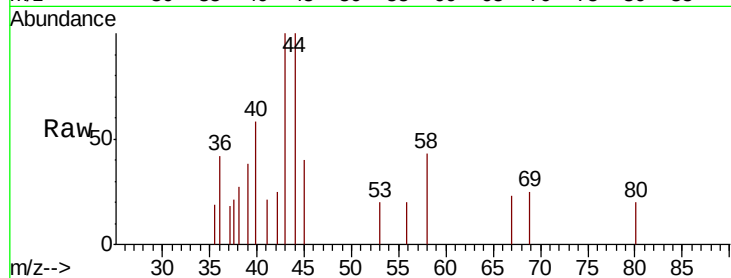
ST008MW026-190404

Tot Ion: 43 Resp: 587

Ion Ratio Lower Upper

43 100

58 43.5 24.8 37.2#



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX008724.D

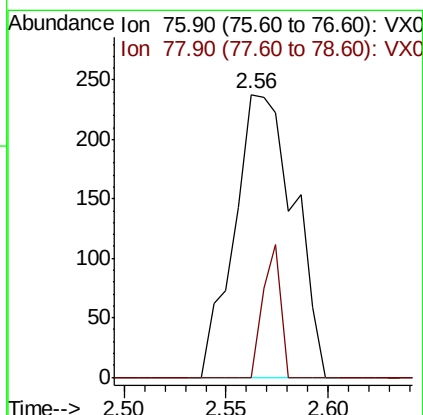
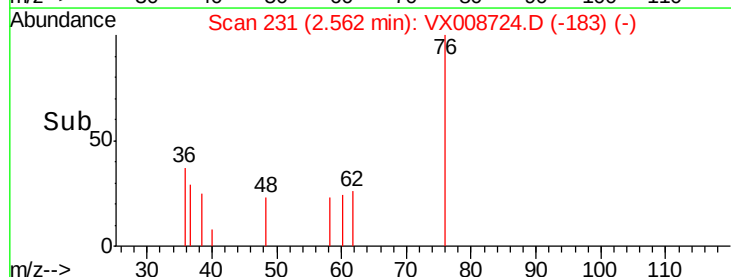
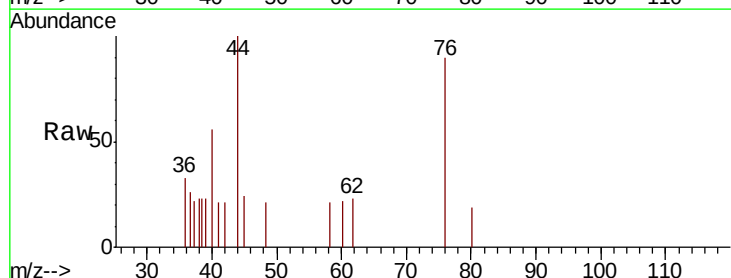
Acq: 06 Apr 2019 16:38

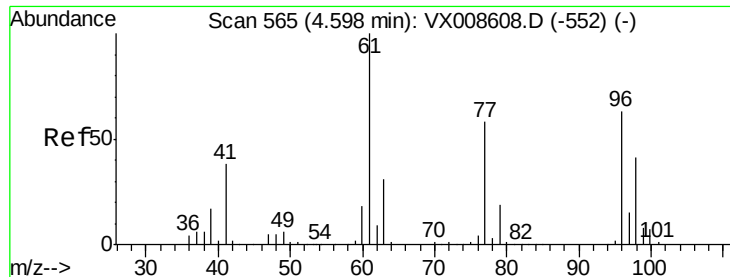
Tgt Ion: 76 Resp: 485

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#



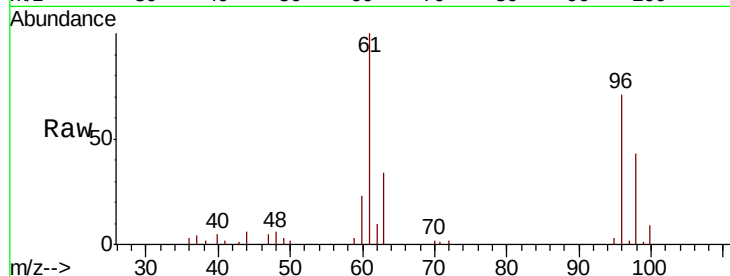


#27

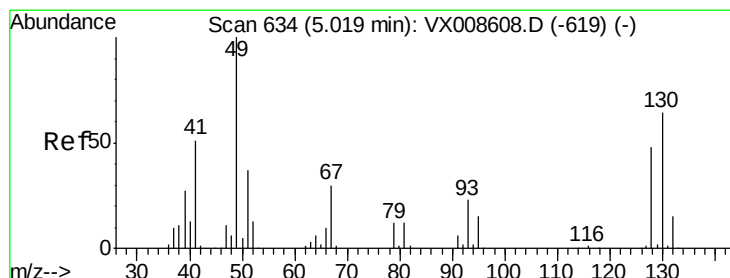
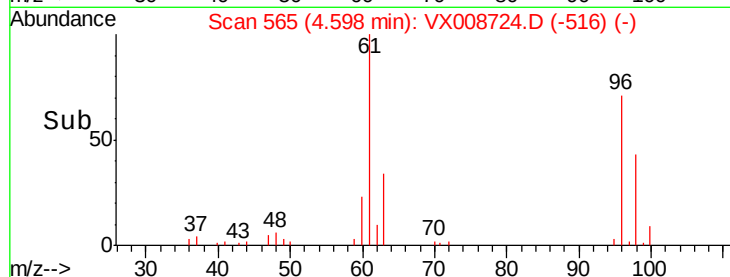
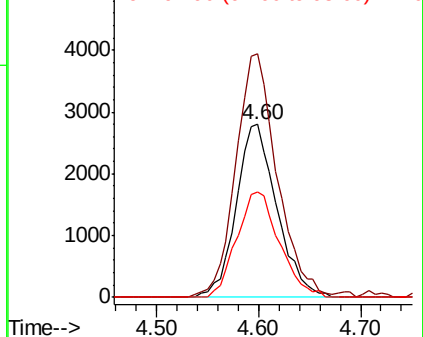
cis-1,2-Dichloroethene
 Concen: 2.651 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX008724.D
 Acq: 06 Apr 2019 16:38

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW026-190404

Tot Ion: 96 Resp: 7725
 Ion Ratio Lower Upper
 96 100
 61 143.5 0.0 327.6
 98 64.1 0.0 128.6



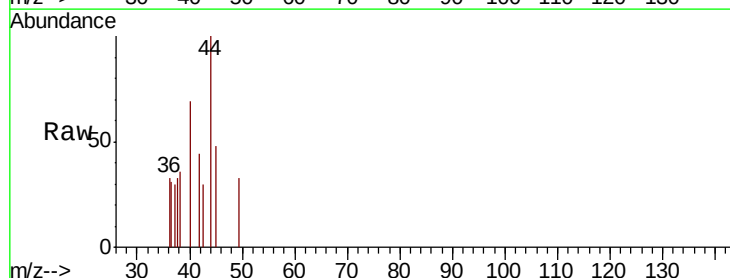
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



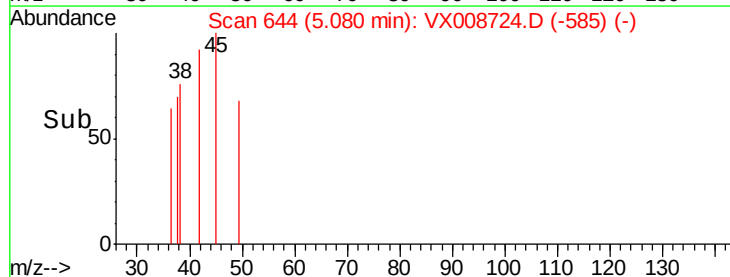
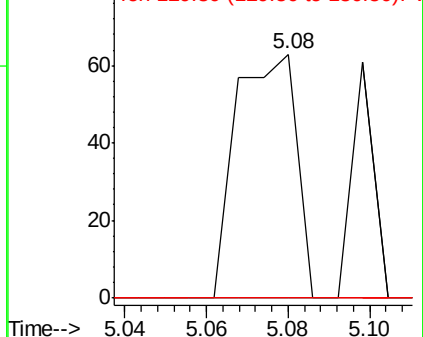
#28

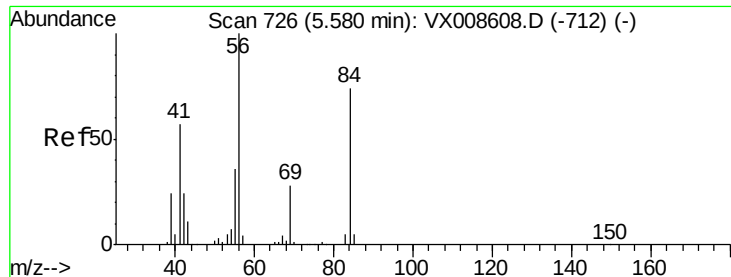
Bromochloromethane
 Concen: Below Cal
 RT: 5.08 min Scan# 644
 Delta R.T. 0.06 min
 Lab File: VX008724.D
 Acq: 06 Apr 2019 16:38

Tgt Ion: 49 Resp: 65
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.6
 130 0.0 49.3 73.9#



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

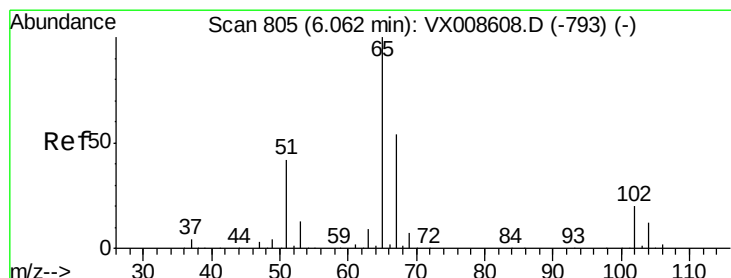
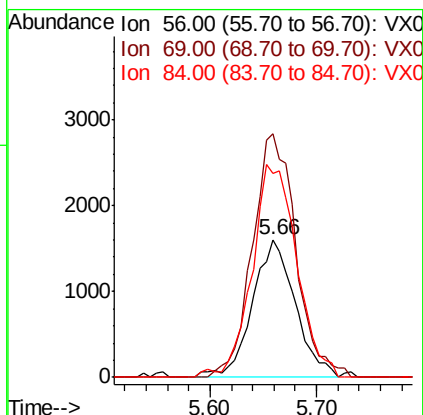
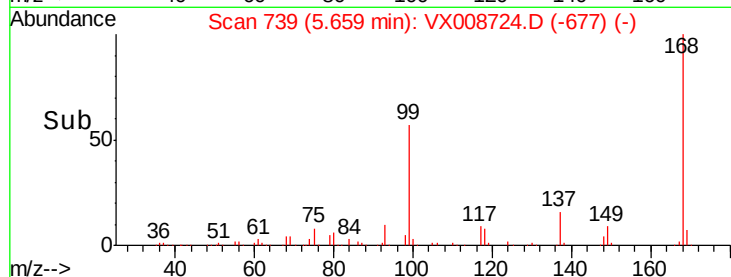
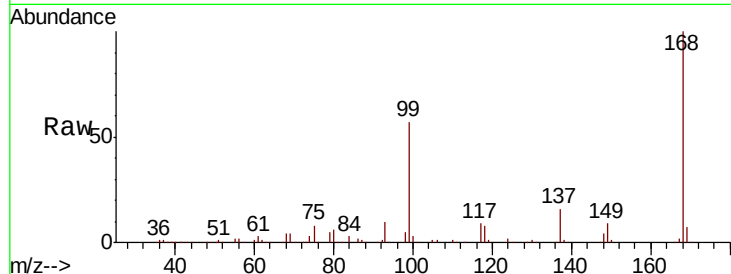




#31
Cyclohexane
Concen: 0.885 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX008724.D
Acq: 06 Apr 2019 16:38

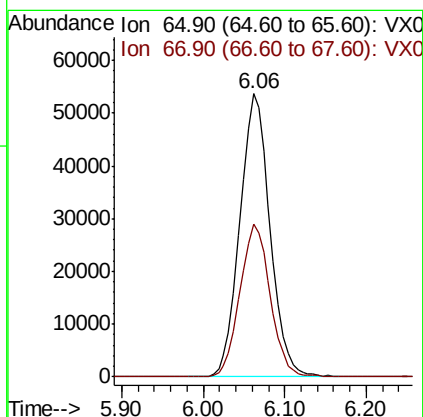
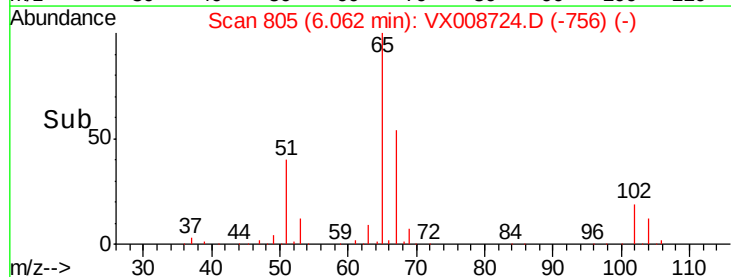
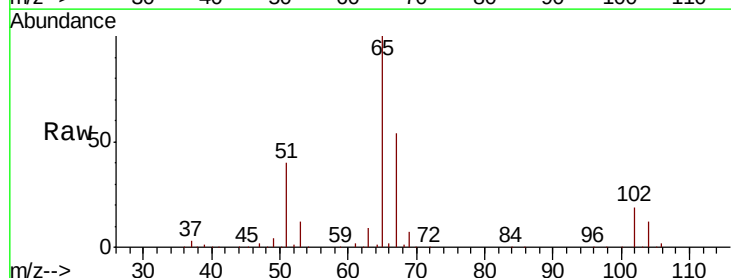
Instrument :
MSVOA_X
ClientSampleId :
ST008MW026-190404

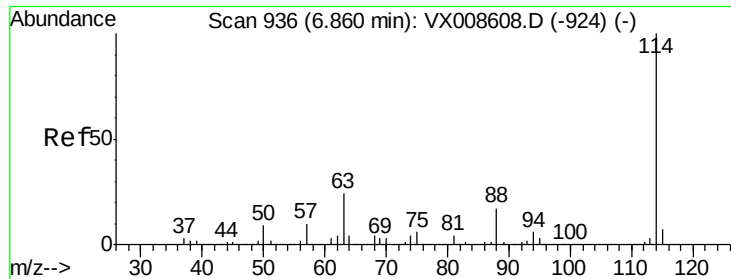
Tot Ion: 56 Resp: 4522
Ion Ratio Lower Upper
56 100
69 176.8 22.6 33.8#
84 147.9 59.3 88.9#



#33
1,2-Dichloroethane-d4
Concen: 46.557 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008724.D
Acq: 06 Apr 2019 16:38

Tgt Ion: 65 Resp: 137627
Ion Ratio Lower Upper
65 100
67 54.3 0.0 107.2

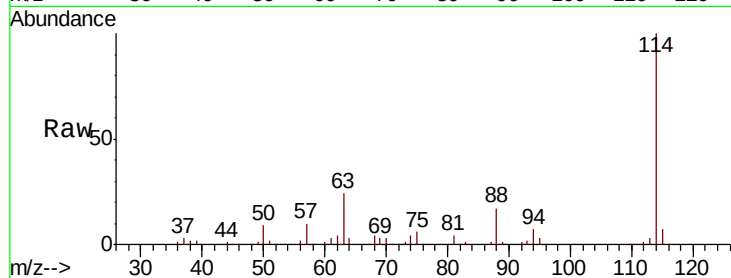




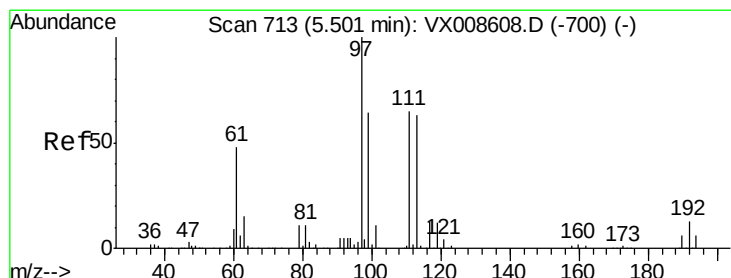
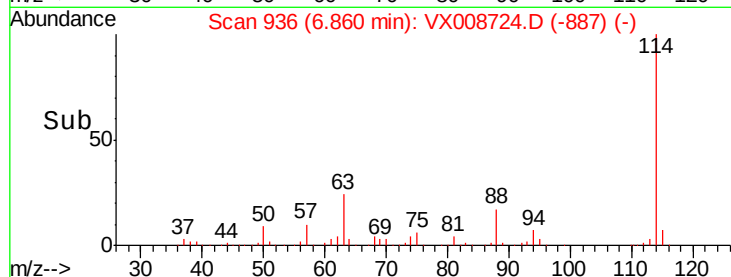
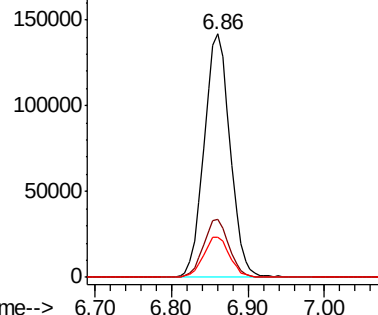
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008724.D
 Acq: 06 Apr 2019 16:38

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW026-190404

Tot Ion:114 Resp: 333431
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 47.2
 88 16.6 0.0 34.0

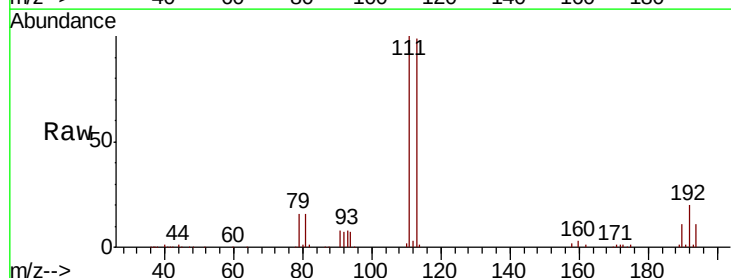


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

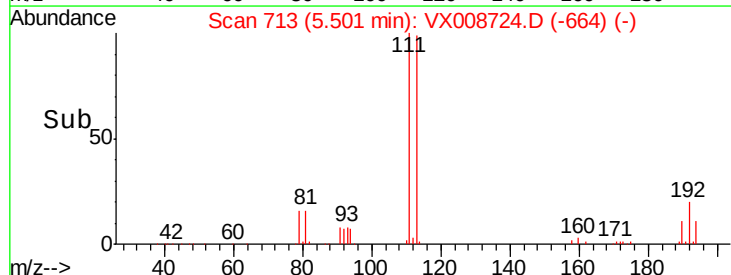
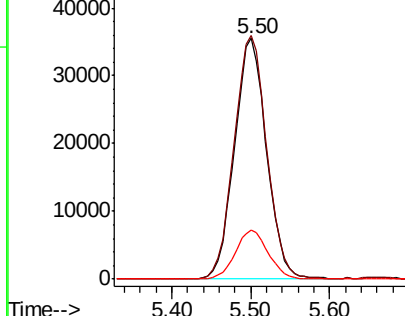


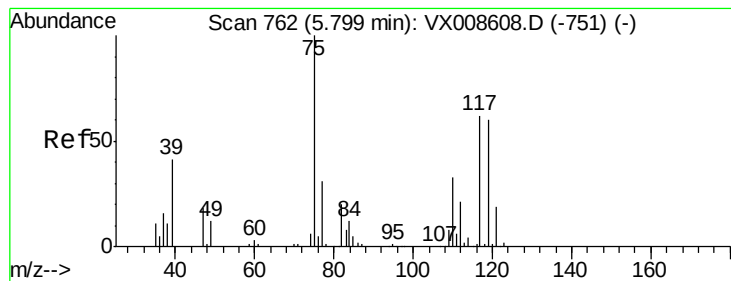
#35
 Dibromofluoromethane
 Concen: 47.001 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008724.D
 Acq: 06 Apr 2019 16:38

Tgt Ion:113 Resp: 100199
 Ion Ratio Lower Upper
 113 100
 111 103.3 83.4 125.2
 192 20.8 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: 4.525 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX008724.D

Acq: 06 Apr 2019 16:38

Instrument :

MSVOA_X

ClientSampleId :

ST008MW026-190404

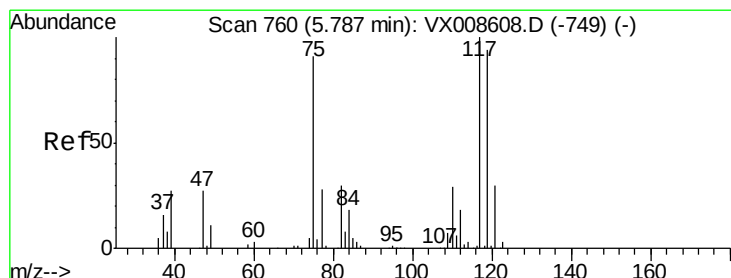
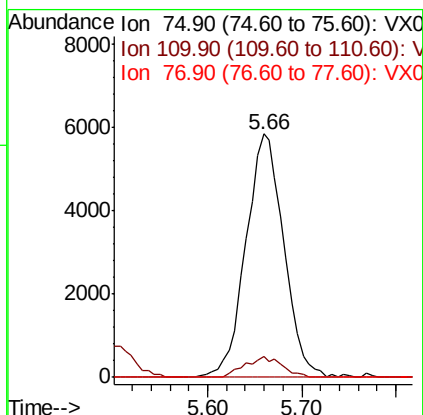
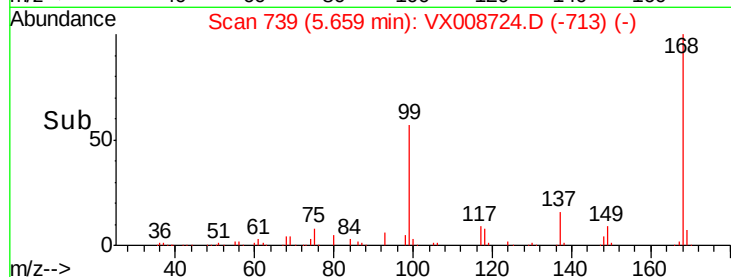
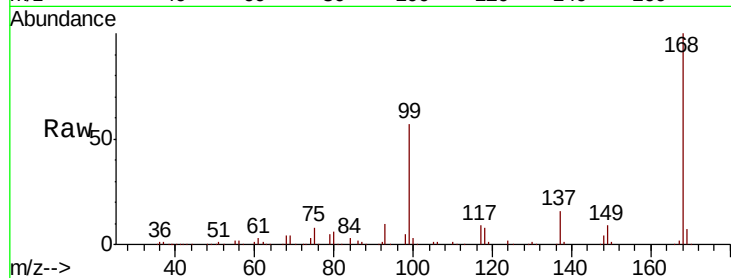
Tot Ion: 75 Resp: 16492

Ion Ratio Lower Upper

75 100

110 8.2 16.4 49.2#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.459 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX008724.D

Acq: 06 Apr 2019 16:38

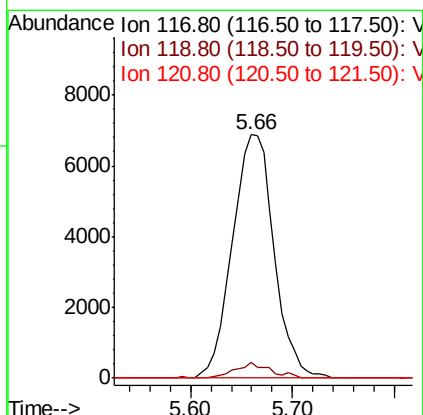
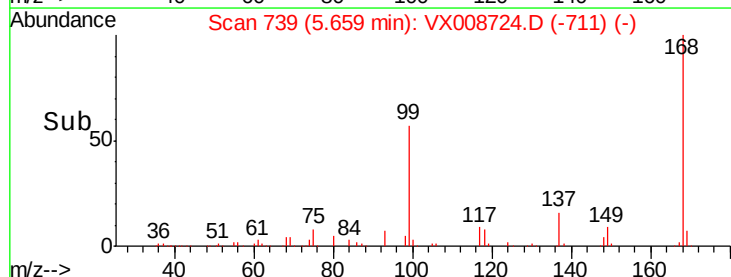
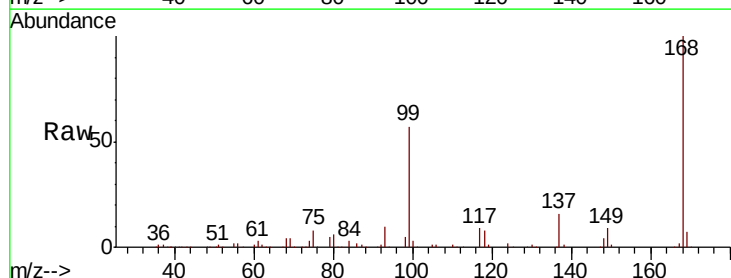
Tgt Ion: 117 Resp: 19483

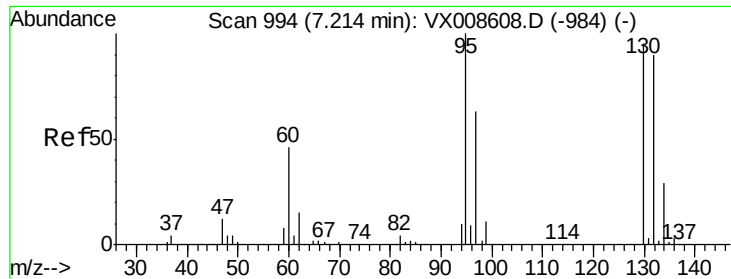
Ion Ratio Lower Upper

117 100

119 6.6 75.0 112.6#

121 0.0 24.3 36.5#





#44

Trichloroethene

Concen: 0.785 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008724.D

Acq: 06 Apr 2019 16:38

Instrument :

MSVOA_X

ClientSampleId :

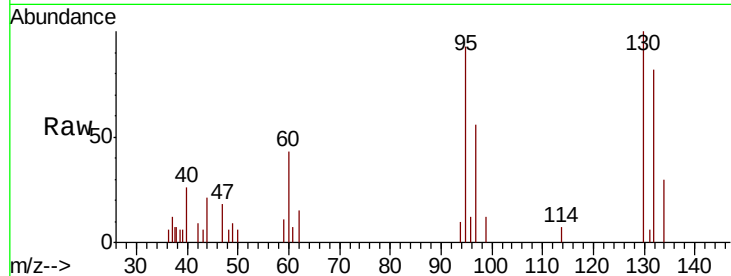
ST008MW026-190404

Tot Ion:130 Resp: 1984

Ion Ratio Lower Upper

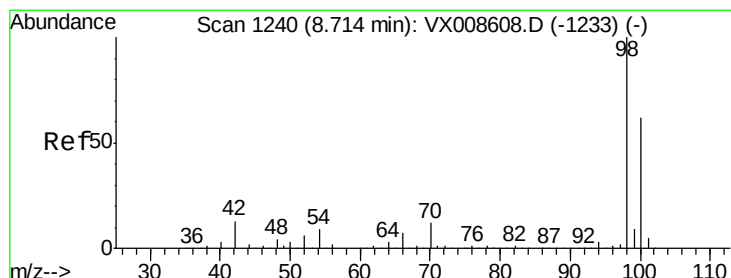
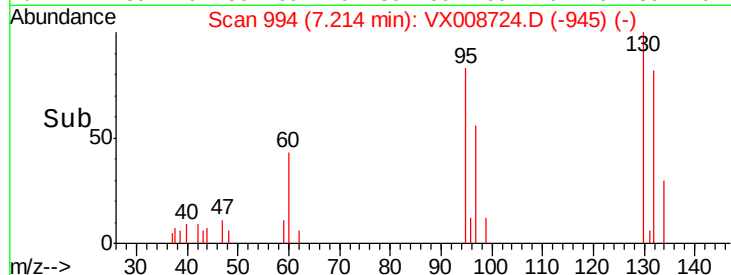
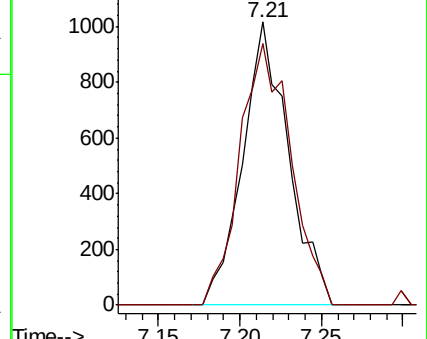
130 100

95 92.5 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: 49.085 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008724.D

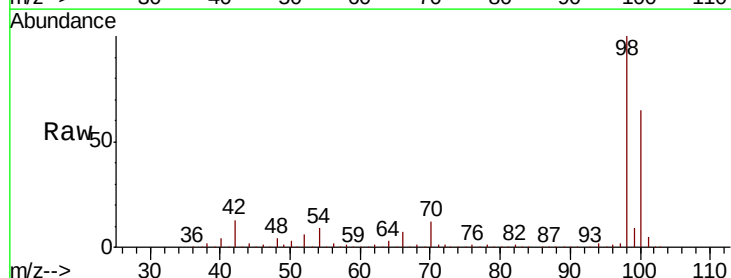
Acq: 06 Apr 2019 16:38

Tgt Ion: 98 Resp: 416655

Ion Ratio Lower Upper

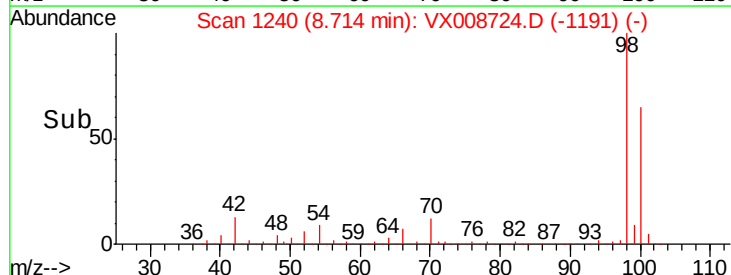
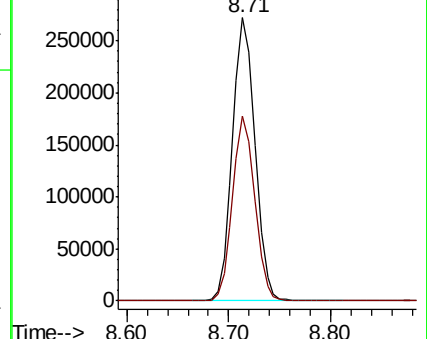
98 100

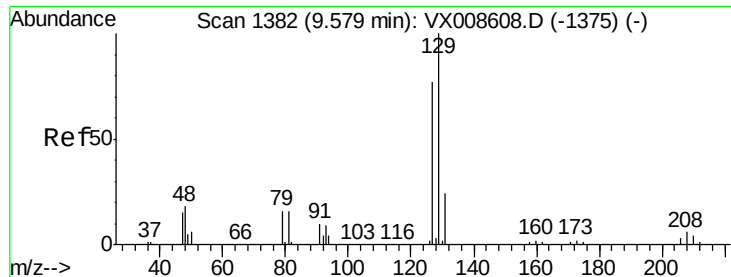
100 64.1 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#60

Dibromochloromethane

Concen: 7.604 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.24 min

Lab File: VX008724.D

Acq: 06 Apr 2019 16:38

Instrument :

MSVOA_X

ClientSampleId :

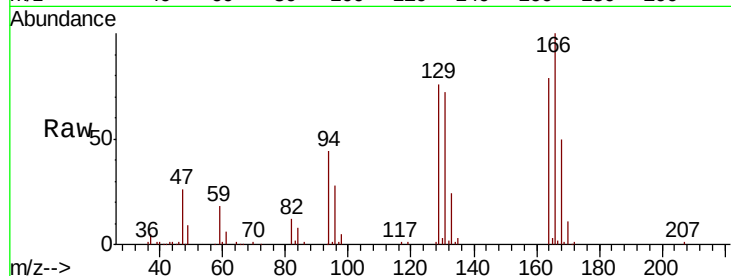
ST008MW026-190404

Tot Ion:129 Resp: 18413

Ion Ratio Lower Upper

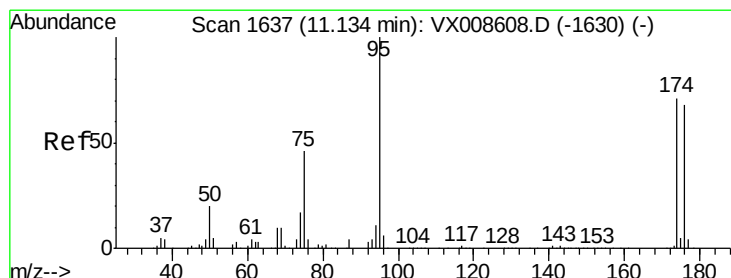
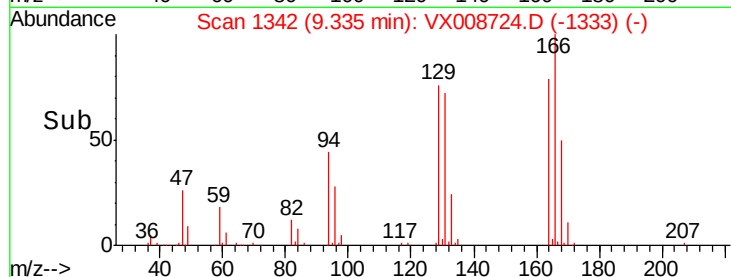
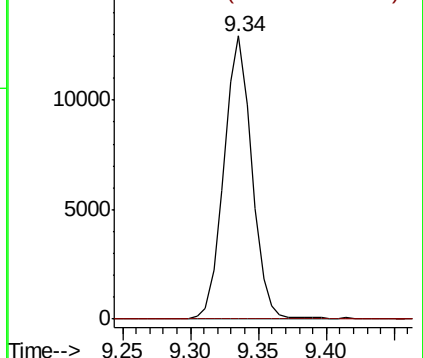
129 100

127 0.0 38.5 115.3#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 46.264 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008724.D

Acq: 06 Apr 2019 16:38

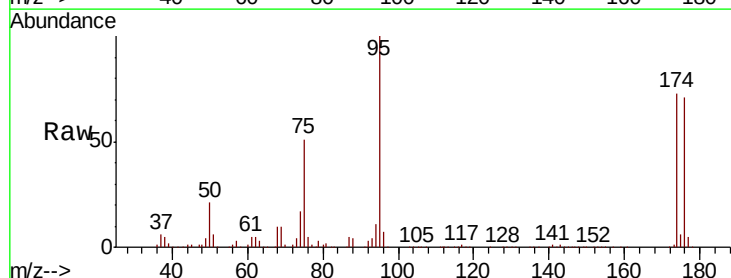
Tgt Ion: 95 Resp: 139260

Ion Ratio Lower Upper

95 100

174 77.2 0.0 151.8

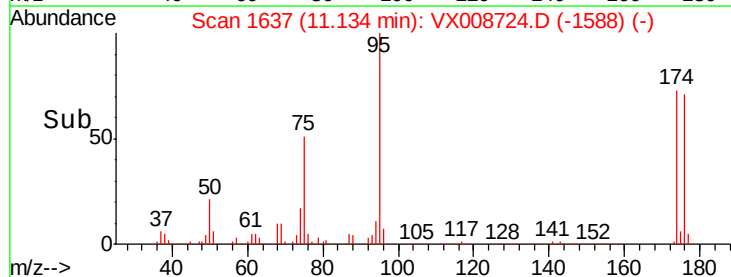
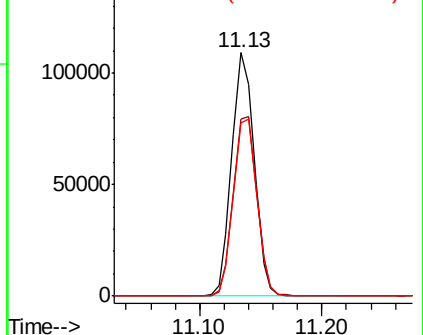
176 75.7 0.0 145.8

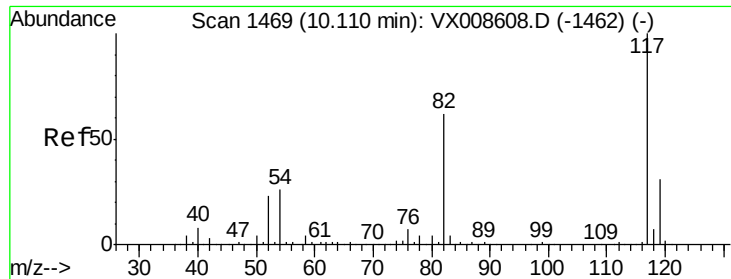


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

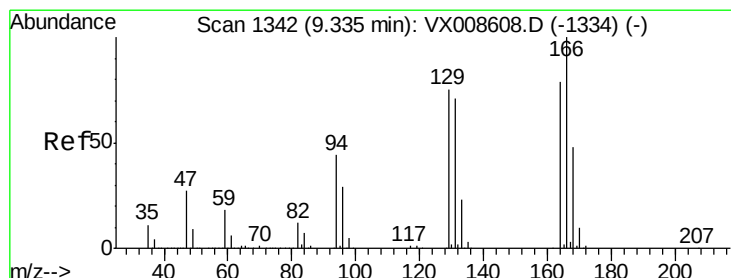
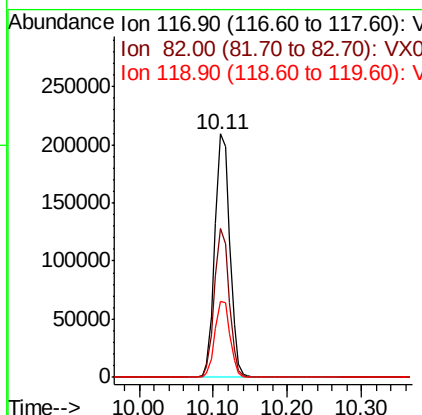
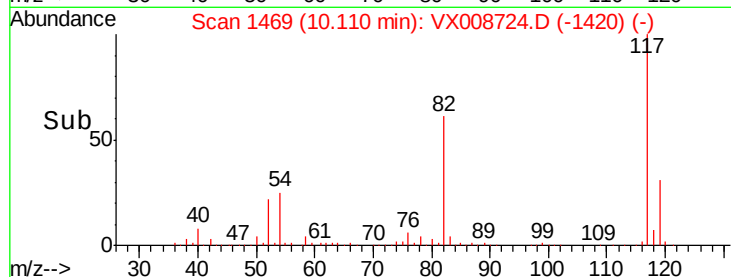
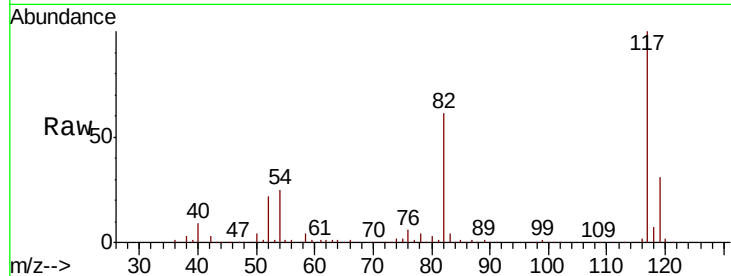




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008724.D
Acq: 06 Apr 2019 16:38

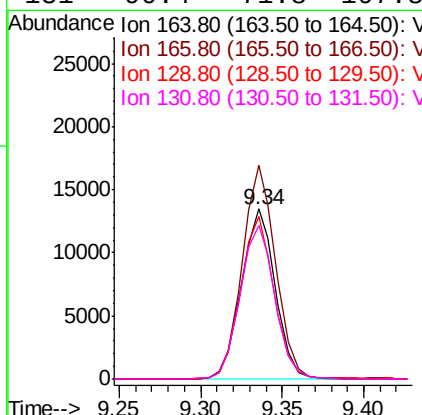
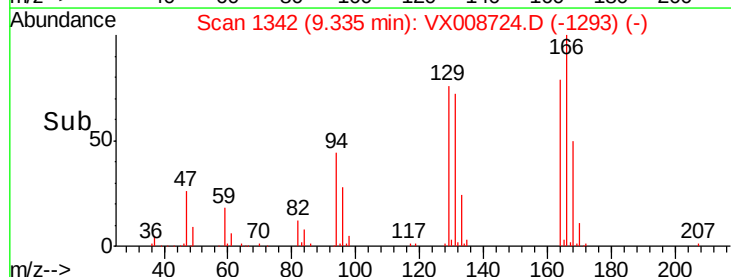
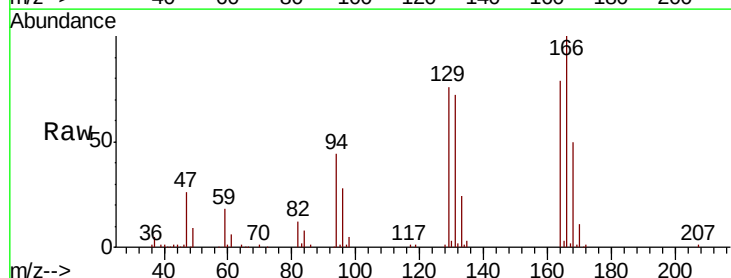
Instrument :
MSVOA_X
ClientSampleId :
ST008MW026-190404

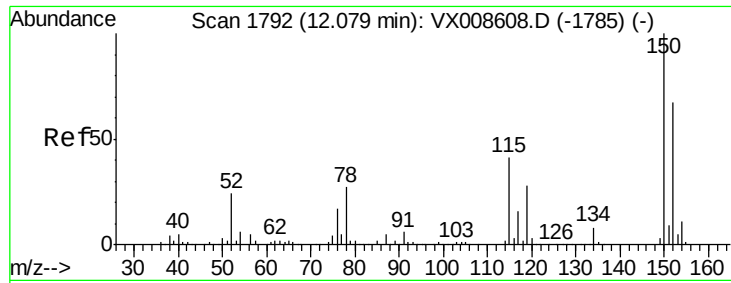
Tot Ion:117 Resp: 288381
Ion Ratio Lower Upper
117 100
82 61.2 49.6 74.4
119 31.4 25.0 37.4



#64
Tetrachloroethene
Concen: 9.035 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008724.D
Acq: 06 Apr 2019 16:38

Tgt Ion:164 Resp: 19305
Ion Ratio Lower Upper
164 100
166 125.8 101.0 151.6
129 96.1 75.8 113.8
131 90.4 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: VX008724.D

Acq: 06 Apr 2019 16:38

Instrument :

MSVOA_X

ClientSampleId :

ST008MW026-190404

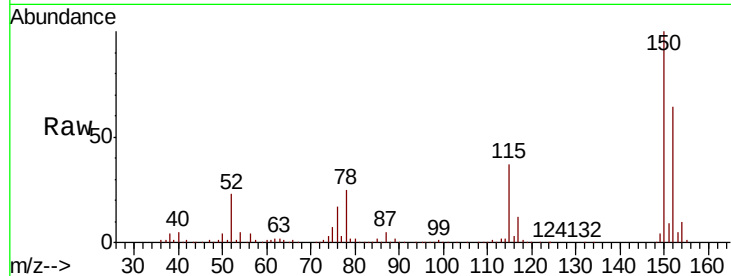
Tot Ion:152 Resp: 120171

Ion Ratio Lower Upper

152 100

115 59.5 43.5 130.5

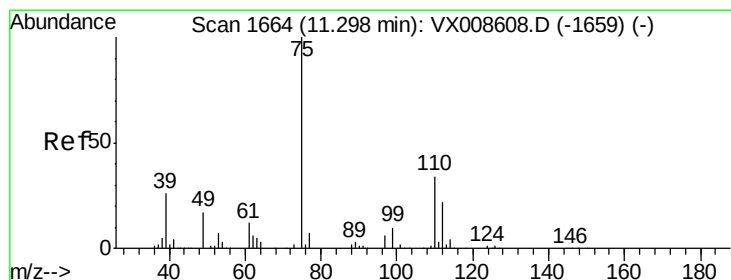
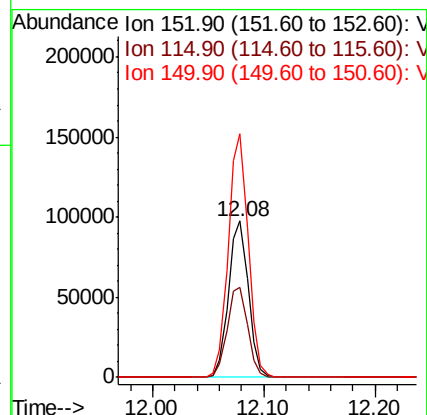
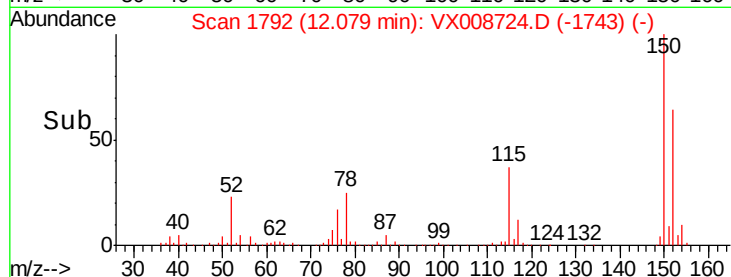
150 156.1 0.0 348.8



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: 21.397 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008724.D

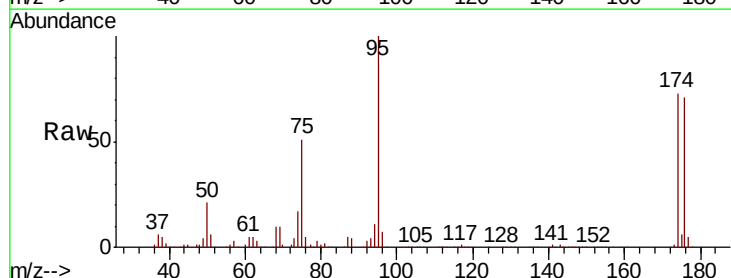
Acq: 06 Apr 2019 16:38

Tgt Ion: 75 Resp: 70637

Ion Ratio Lower Upper

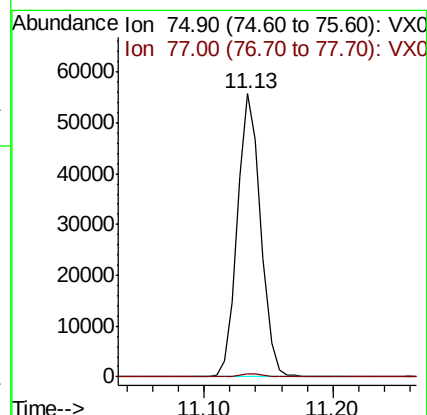
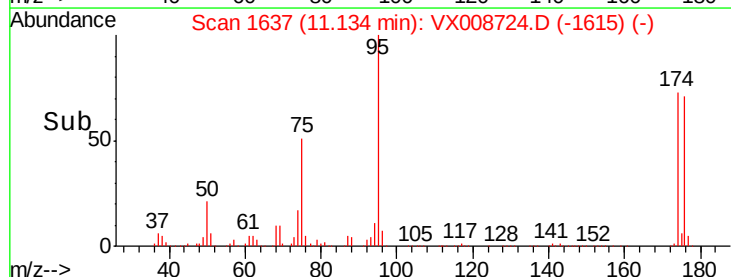
75 100

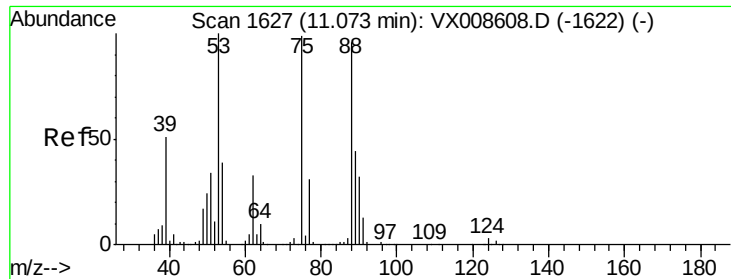
77 1.3 22.3 66.8#



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: 58.983 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008724.D

Acq: 06 Apr 2019 16:38

Instrument :

MSVOA_X

ClientSampleId :

ST008MW026-190404

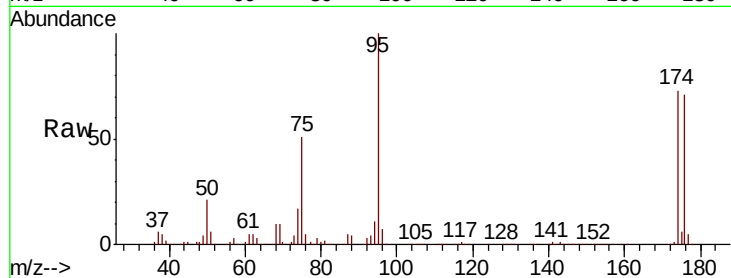
Tot Ion: 75 Resp: 70637

Ion Ratio Lower Upper

75 100

53 0.1 81.3 121.9#

89 0.0 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

