

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041119\
 Data File : VX008848.D
 Acq On : 11 Apr 2019 13:48
 Operator : JC/SP
 Sample : VX0411MBL01
 Misc : 5.0g/10mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411MBL01

Quant Time: Apr 12 07:33:36 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	197297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	318047	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	279951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	121909	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	129394	44.96	ug/l	0.00
Spiked Amount			Recovery	=	89.92%	
35) Dibromofluoromethane	5.50	113	95054	46.74	ug/l	0.00
Spiked Amount			Recovery	=	93.48%	
50) Toluene-d8	8.71	98	400190	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	
62) 4-Bromofluorobenzene	11.13	95	135627	47.24	ug/l	0.00
Spiked Amount			Recovery	=	94.48%	

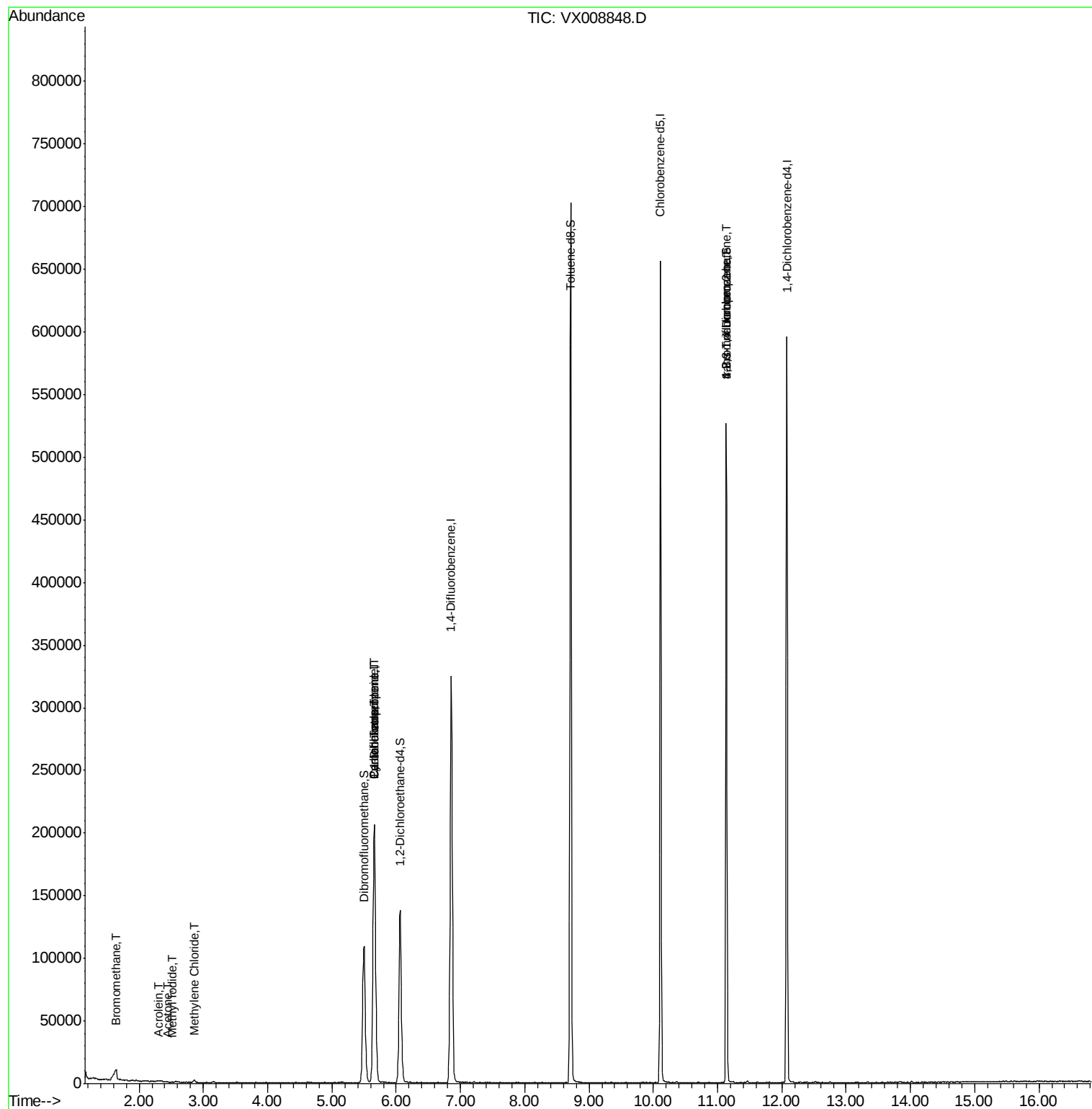
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	387	Below Cal		99
5) Bromomethane	1.64	94	591	2.261 ug/l #		61
6) Chloroethane	1.73	64	133	Below Cal #		43
10) Methyl Iodide	2.51	142	235	4.112 ug/l #		42
13) Acrolein	2.29	56	184	0.551 ug/l #		50
16) Acetone	2.43	43	410	0.247 ug/l #		44
17) Carbon Disulfide	2.57	76	916	Below Cal #		78
20) Methylene Chloride	2.85	84	797	0.287 ug/l #		75
28) Bromochloromethane	5.04	49	20	Below Cal #		22
31) Cyclohexane	5.66	56	4369	0.879 ug/l #		1
36) 1,1-Dichloropropene	5.66	75	15787	4.541 ug/l #		51
38) Carbon Tetrachloride	5.66	117	18613	6.469 ug/l #		16
76) 1,2,3-Trichloropropane	11.13	75	69595	20.781 ug/l #		34
81) trans-1,4-Dichloro-2-buten	11.13	75	69595	57.284 ug/l #		9

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

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Quant Time: Apr 12 07:33:36 2019
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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: VX008848.D

Acq: 11 Apr 2019 13:48

Instrument :

MSVOA_X

ClientSampleId :

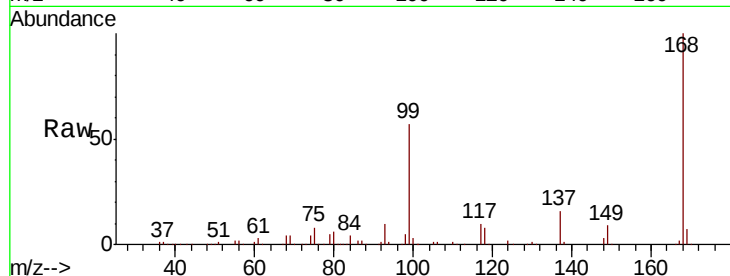
VX0411MBL01

Tgt Ion:168 Resp: 197297

Ion Ratio Lower Upper

168 100

99 57.1 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

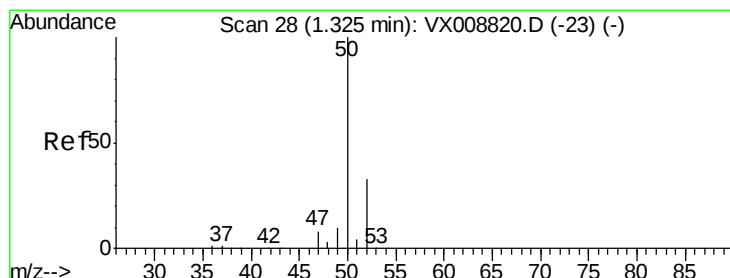
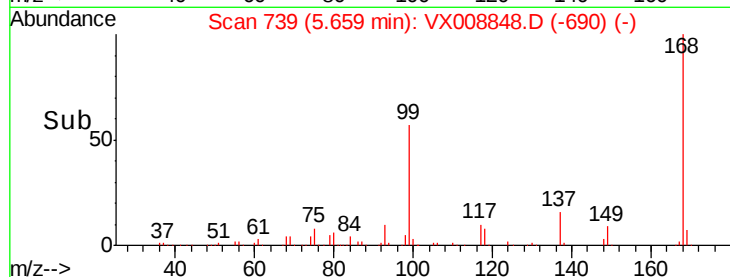
60000

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: VX008848.D

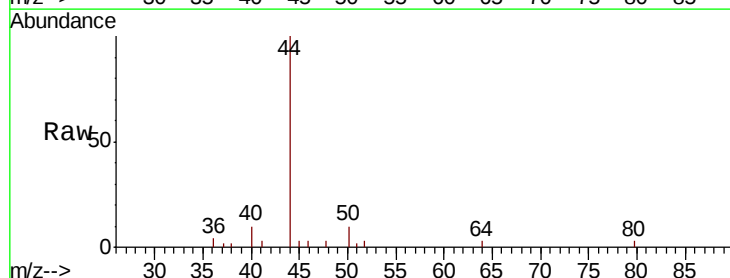
Acq: 11 Apr 2019 13:48

Tgt Ion: 50 Resp: 387

Ion Ratio Lower Upper

50 100

52 31.6 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

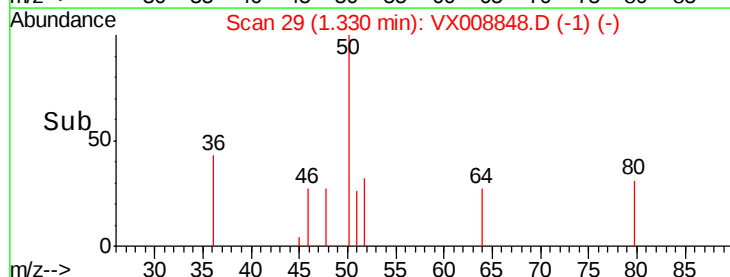
150

100

50

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: 2.261 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008848.D

Acq: 11 Apr 2019 13:48

Instrument :

MSVOA_X

ClientSampleId :

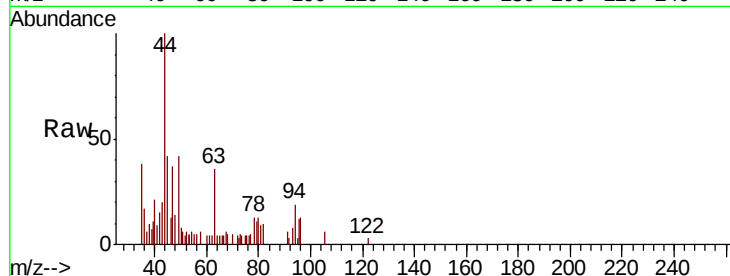
VX0411MBL01

Tgt Ion: 94 Resp: 591

Ion Ratio Lower Upper

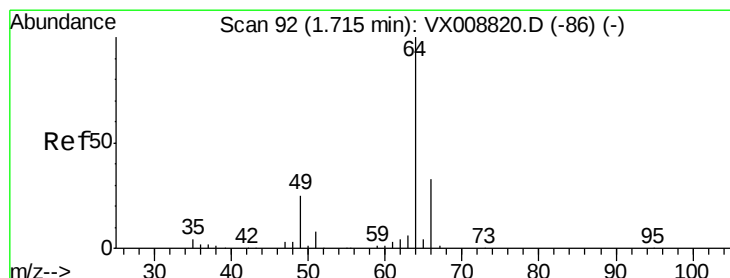
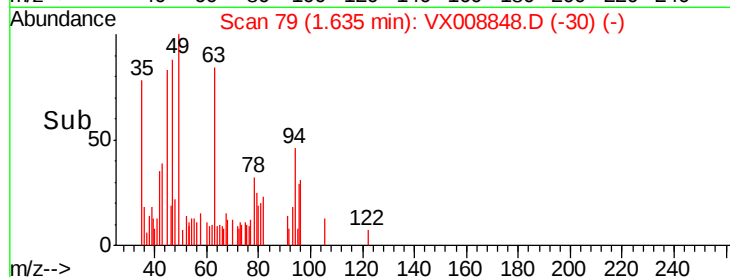
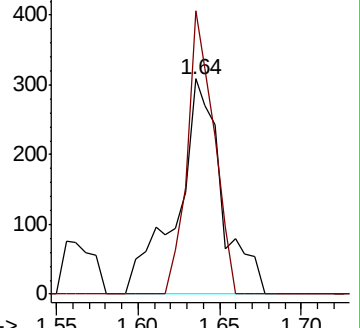
94 100

96 131.4 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: 1.73 min Scan# 95

Delta R.T. 0.02 min

Lab File: VX008848.D

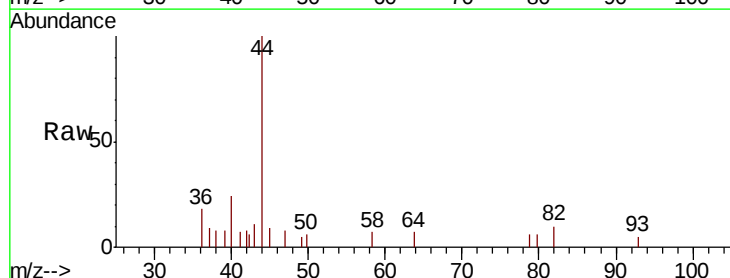
Acq: 11 Apr 2019 13:48

Tgt Ion: 64 Resp: 133

Ion Ratio Lower Upper

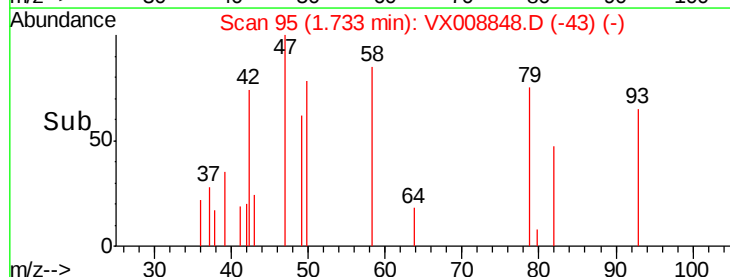
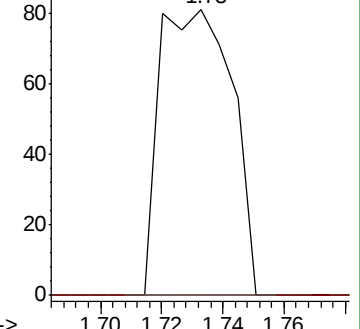
64 100

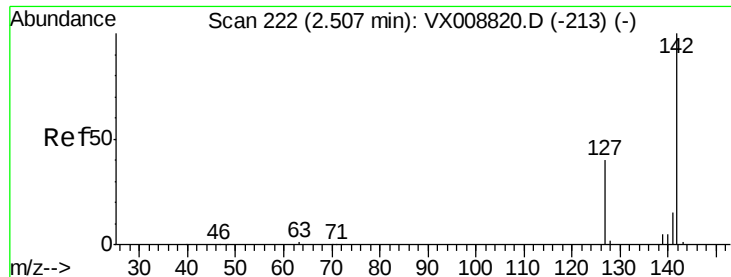
66 0.0 25.4 38.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

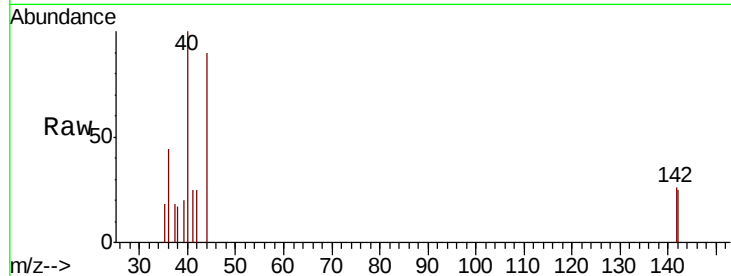




#10
Methyl Iodide
Concen: 4.112 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX008848.D
Acq: 11 Apr 2019 13:48

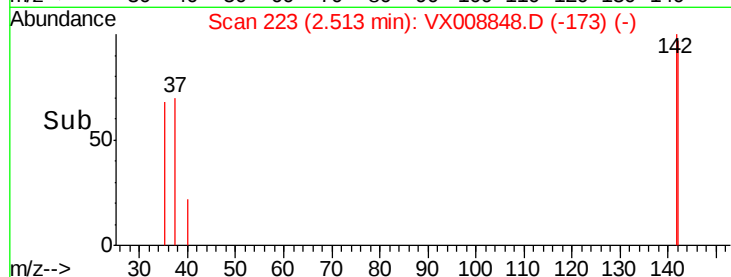
Instrument :
MSVOA_X
ClientSampleId :
VX0411MBL01

Tgt Ion: 142 Resp: 235
Ion Ratio Lower Upper
142 100
127 0.0 33.0 49.6#
141 0.0 11.4 17.2#

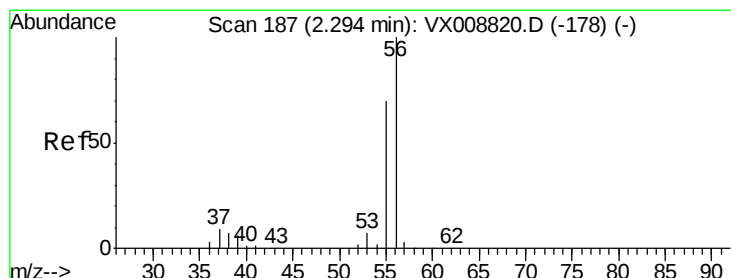


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

2.51

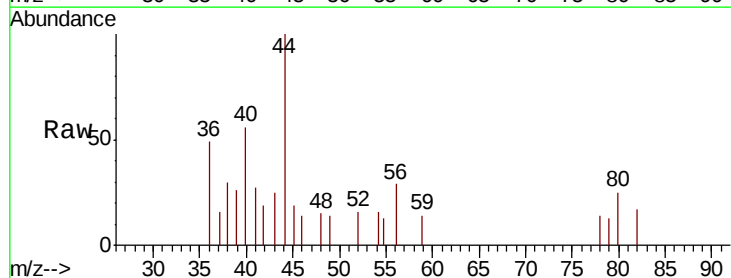


Time-->



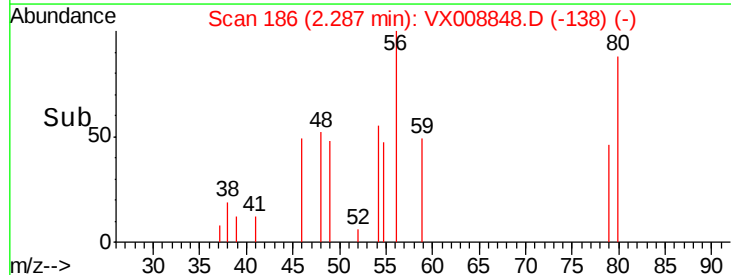
#13
Acrolein
Concen: 0.551 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX008848.D
Acq: 11 Apr 2019 13:48

Tgt Ion: 56 Resp: 184
Ion Ratio Lower Upper
56 100
55 31.0 58.0 87.0#

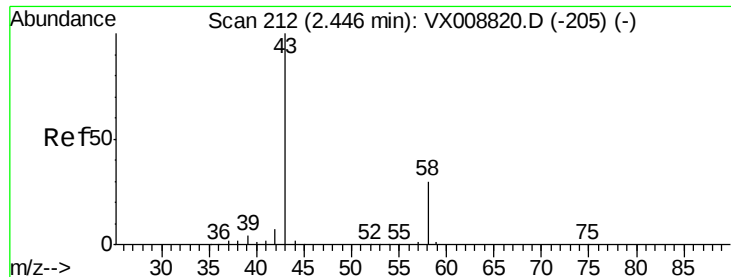


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0

2.29



Time-->



#16

Acetone

Concen: 0.247 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.01 min

Lab File: VX008848.D

Acq: 11 Apr 2019 13:48

Instrument :

MSVOA_X

ClientSampleId :

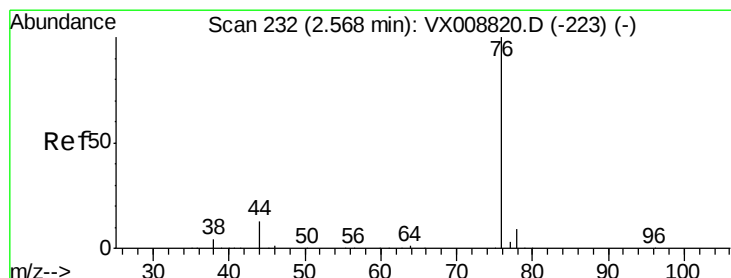
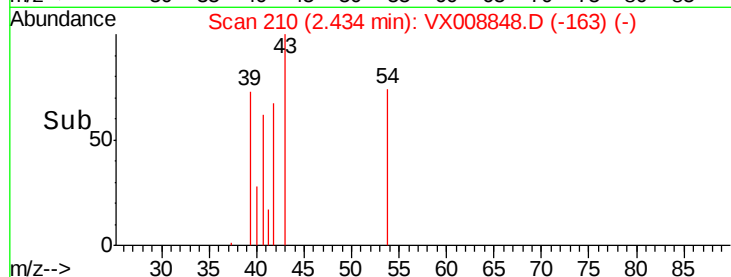
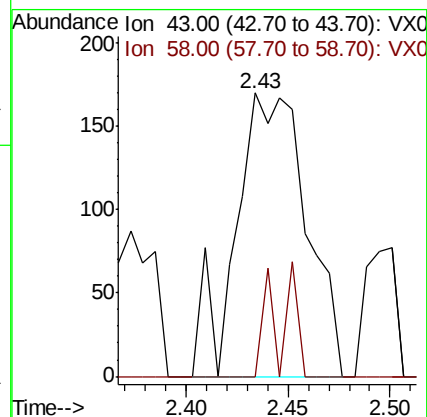
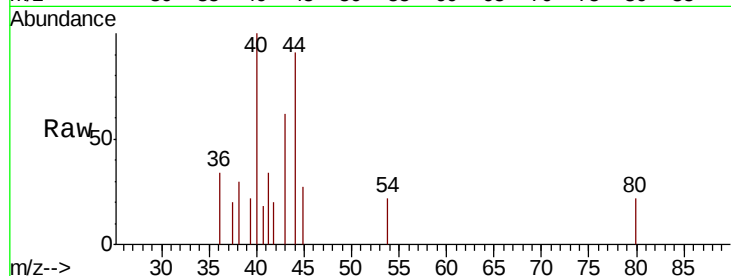
VX0411MBL01

Tgt Ion: 43 Resp: 410

Ion Ratio Lower Upper

43 100

58 0.0 24.8 37.2#



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX008848.D

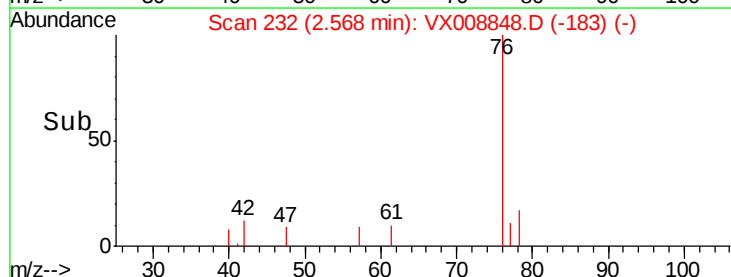
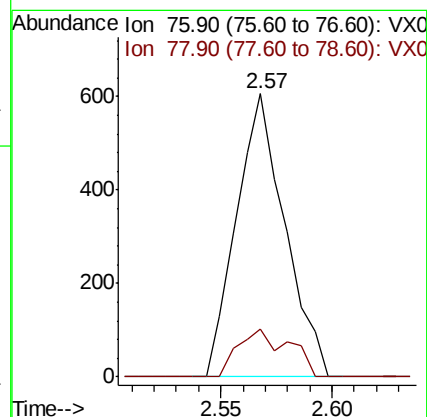
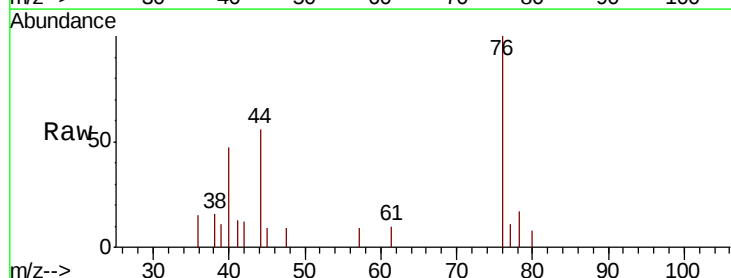
Acq: 11 Apr 2019 13:48

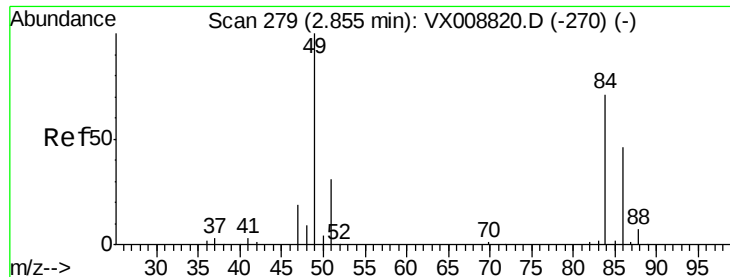
Tgt Ion: 76 Resp: 916

Ion Ratio Lower Upper

76 100

78 17.0 7.1 10.7#





#20

Methylene Chloride

Concen: 0.287 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX008848.D

Acq: 11 Apr 2019 13:48

Instrument :

MSVOA_X

ClientSampled :

VX0411MBL01

Tgt Ion: 84 Resp: 797

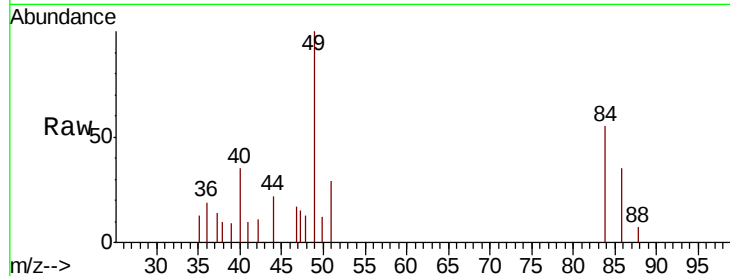
Ion Ratio Lower Upper

84 100

49 183.3 109.7 164.5#

51 53.3 33.6 50.4#

86 64.9 51.4 77.2

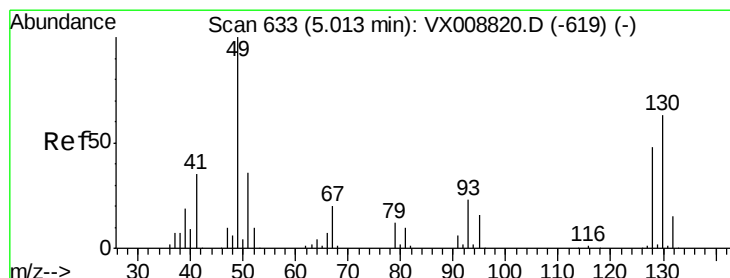
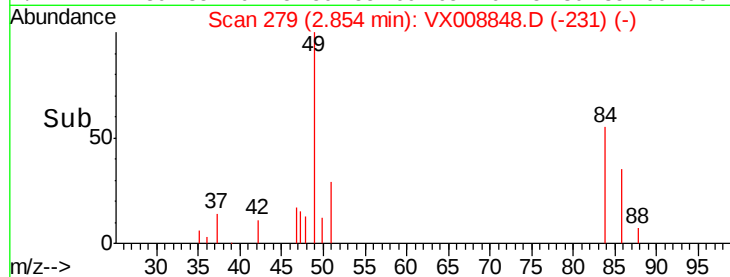
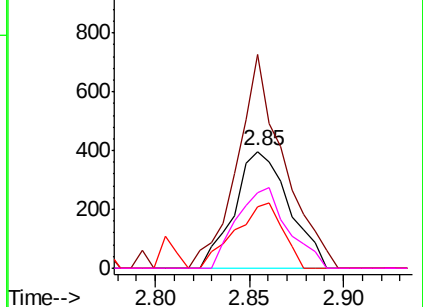


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#28

Bromochloromethane

Concen: Below Cal

RT: 5.04 min Scan# 638

Delta R.T. 0.02 min

Lab File: VX008848.D

Acq: 11 Apr 2019 13:48

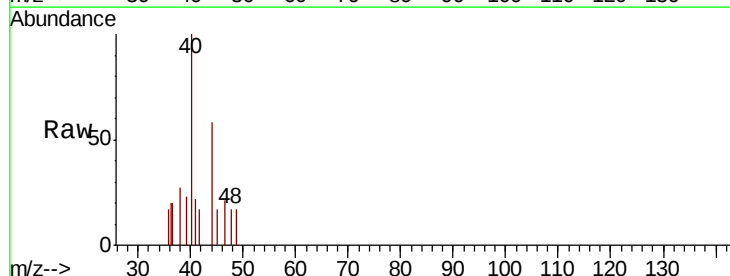
Tgt Ion: 49 Resp: 20

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

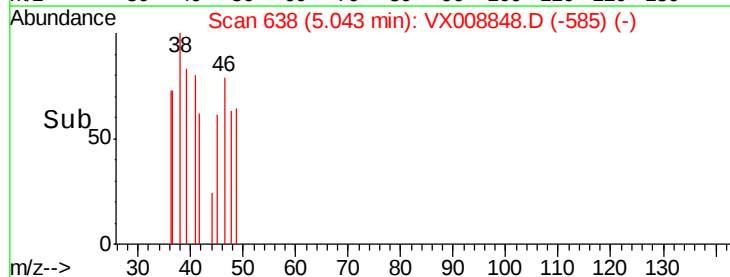
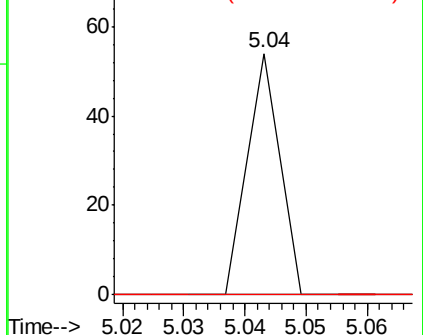
130 0.0 49.3 73.9#

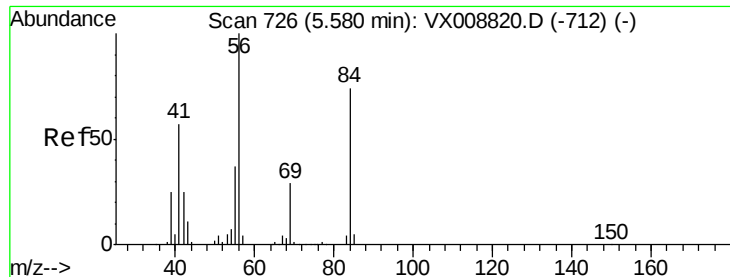


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

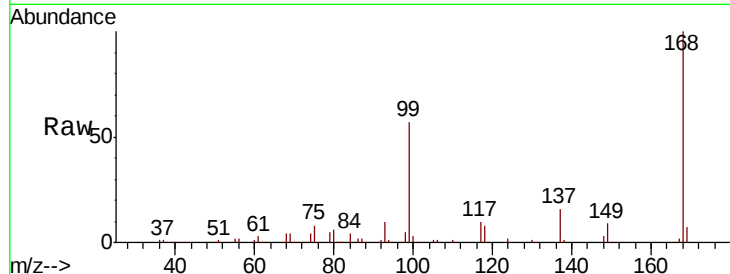




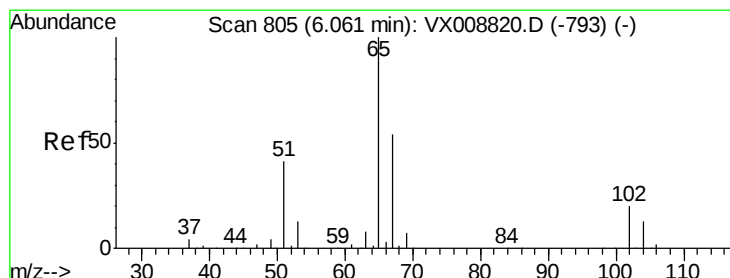
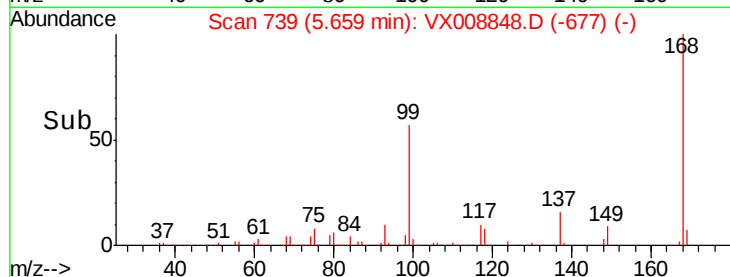
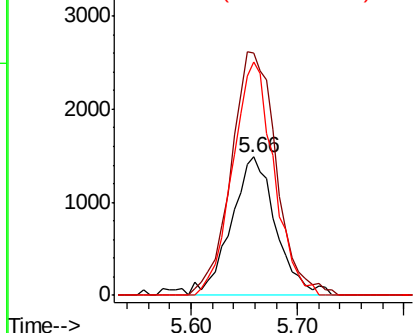
#31
Cyclohexane
Concen: 0.879 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX008848.D
Acq: 11 Apr 2019 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0411MBL01

Tgt Ion: 56 Resp: 4369
Ion Ratio Lower Upper
56 100
69 175.3 22.6 33.8#
84 168.2 59.3 88.9#

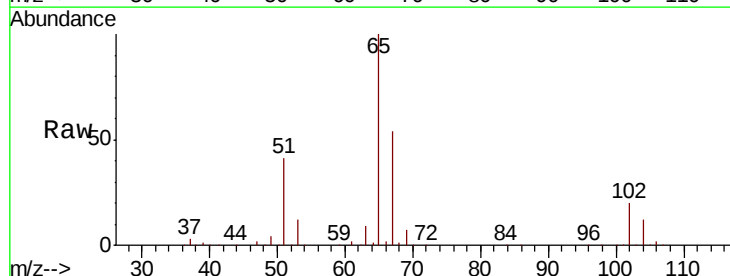


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

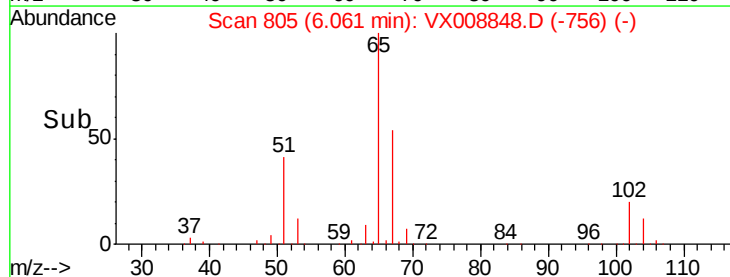
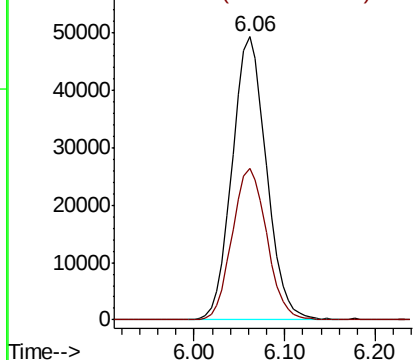


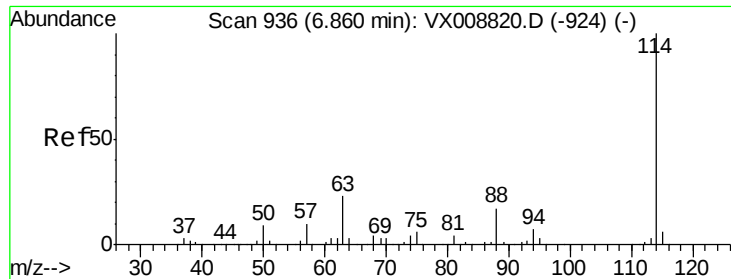
#33
1,2-Dichloroethane-d4
Concen: 44.964 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008848.D
Acq: 11 Apr 2019 13:48

Tgt Ion: 65 Resp: 129394
Ion Ratio Lower Upper
65 100
67 54.4 0.0 107.2



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

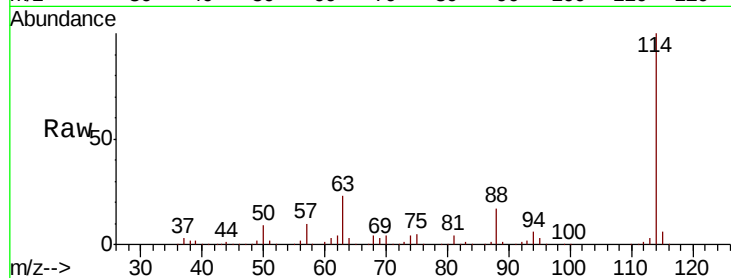




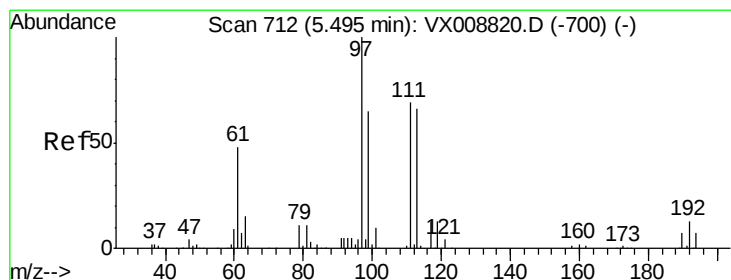
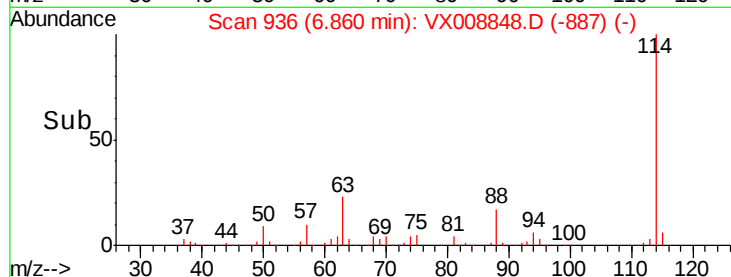
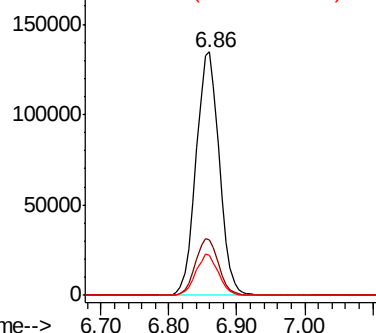
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008848.D
 Acq: 11 Apr 2019 13:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411MBL01

Tgt Ion:114 Resp: 318047
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 47.2
 88 16.7 0.0 34.0

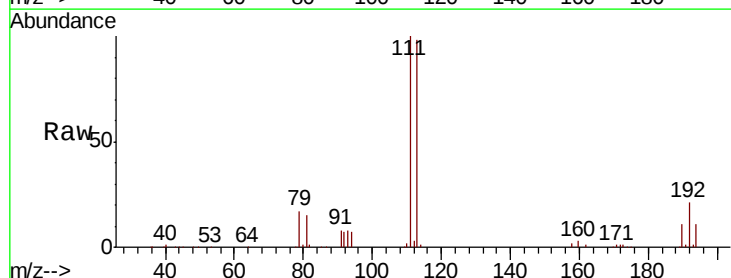


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

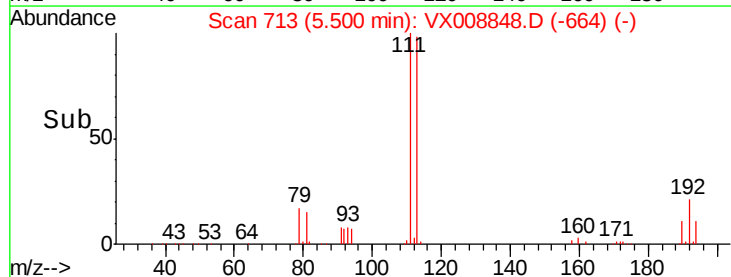
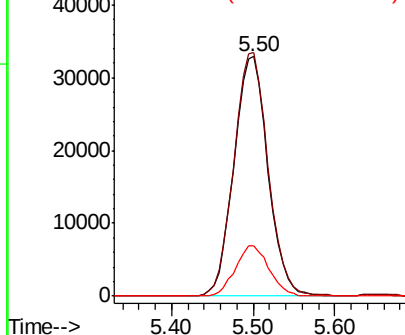


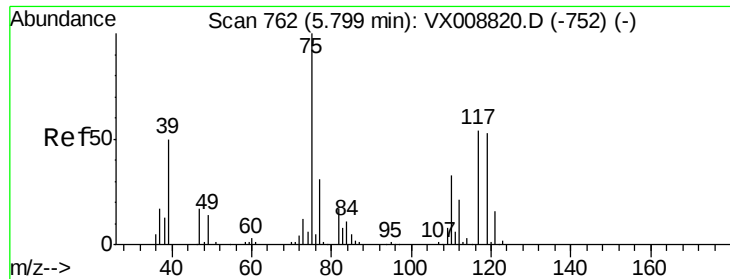
#35
 Dibromofluoromethane
 Concen: 46.745 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008848.D
 Acq: 11 Apr 2019 13:48

Tgt Ion:113 Resp: 95054
 Ion Ratio Lower Upper
 113 100
 111 101.9 83.4 125.2
 192 20.9 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: 4.541 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX008848.D

Acq: 11 Apr 2019 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0411MBL01

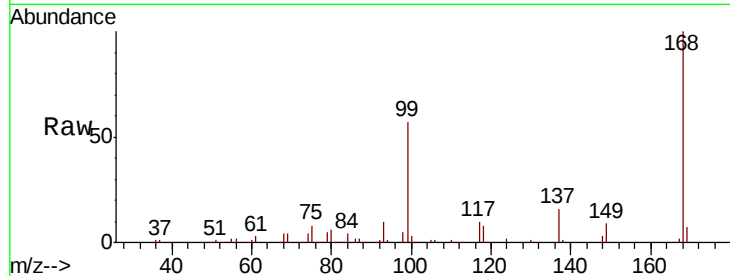
Tgt Ion: 75 Resp: 15787

Ion Ratio Lower Upper

75 100

110 8.7 16.4 49.2#

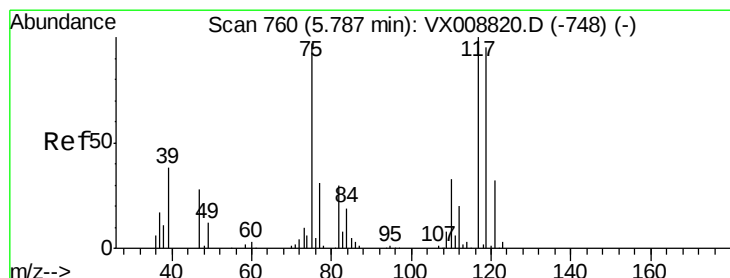
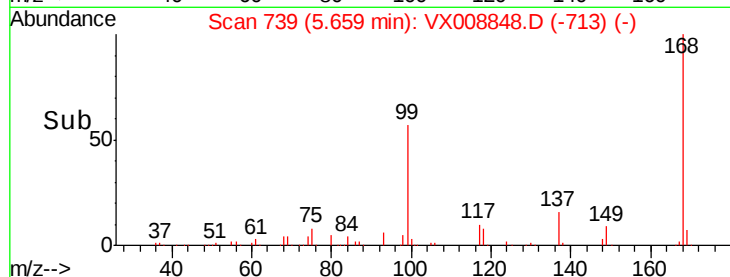
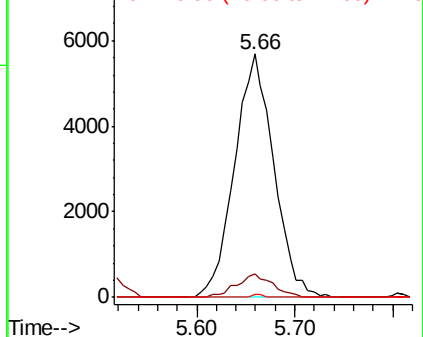
77 0.3 24.7 37.1#



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: 6.469 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX008848.D

Acq: 11 Apr 2019 13:48

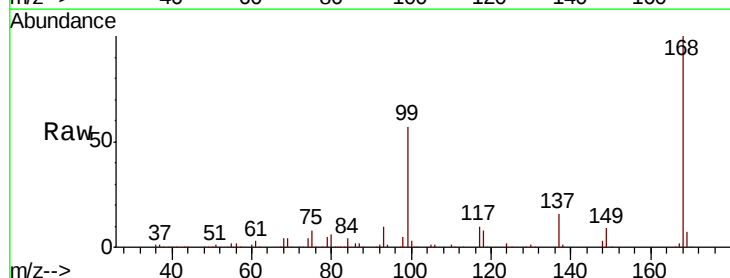
Tgt Ion: 117 Resp: 18613

Ion Ratio Lower Upper

117 100

119 3.7 75.0 112.6#

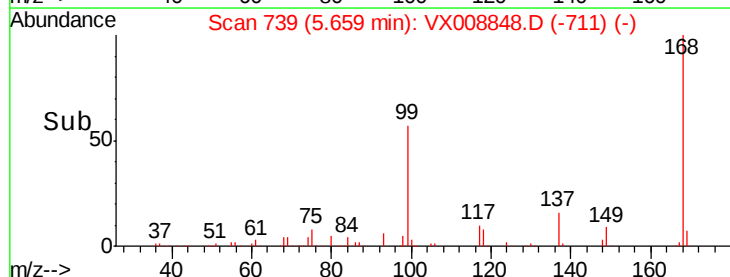
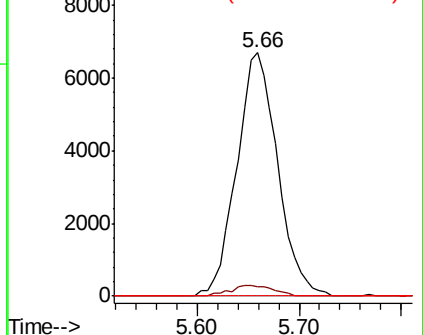
121 0.0 24.3 36.5#

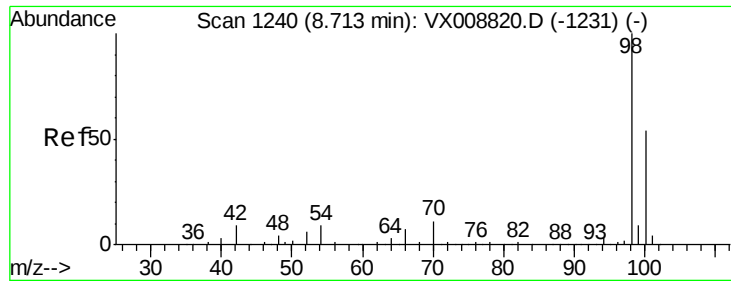


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 49.426 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008848.D

Acq: 11 Apr 2019 13:48

Instrument :

MSVOA_X

ClientSampleId :

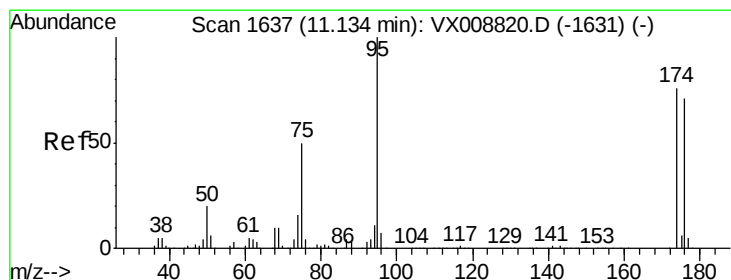
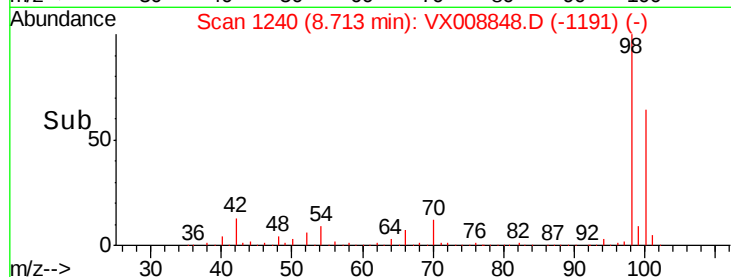
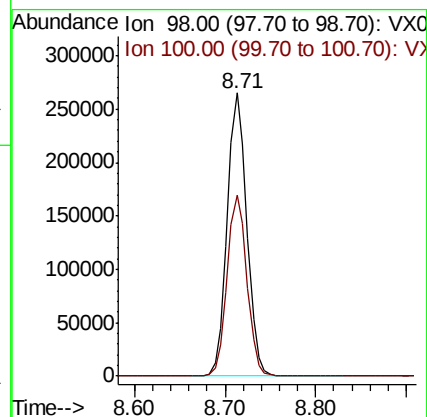
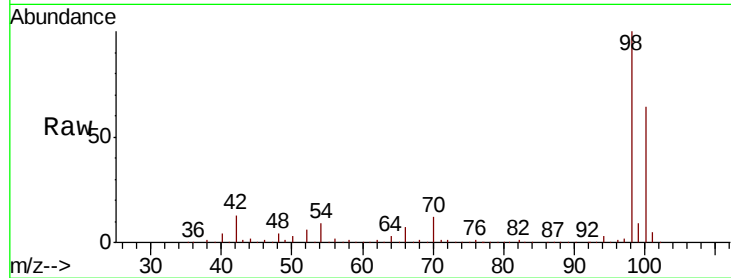
VX0411MBL01

Tgt Ion: 98 Resp: 400190

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 47.237 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008848.D

Acq: 11 Apr 2019 13:48

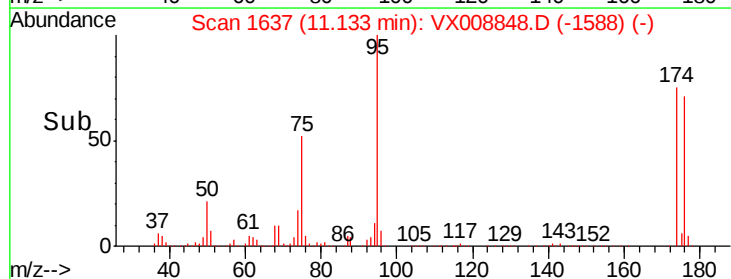
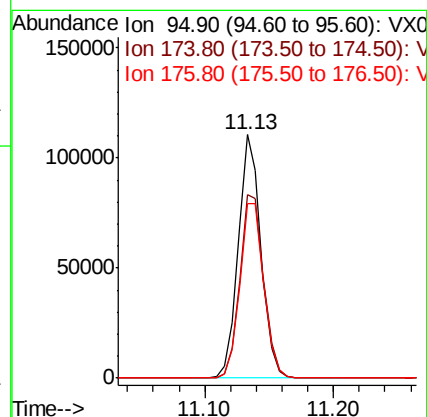
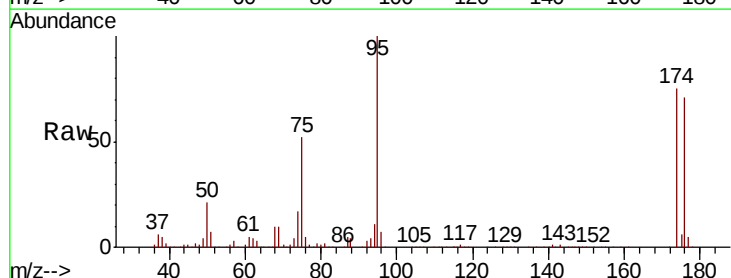
Tgt Ion: 95 Resp: 135627

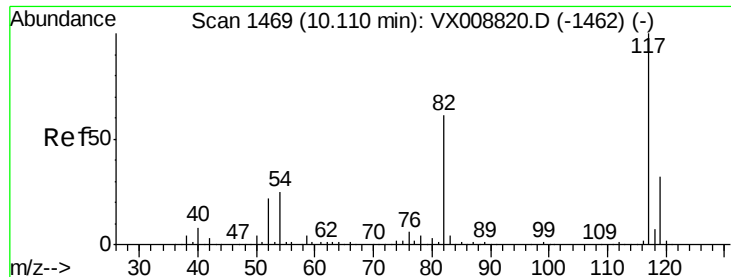
Ion Ratio Lower Upper

95 100

174 79.0 0.0 151.8

176 76.2 0.0 145.8

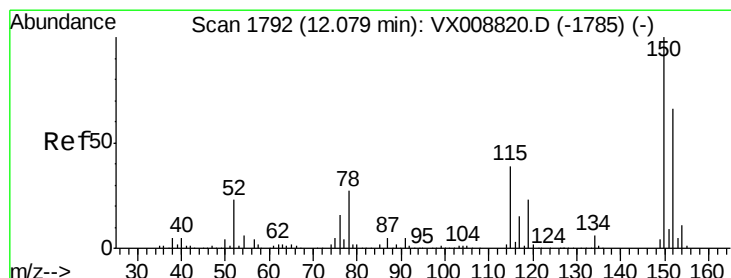
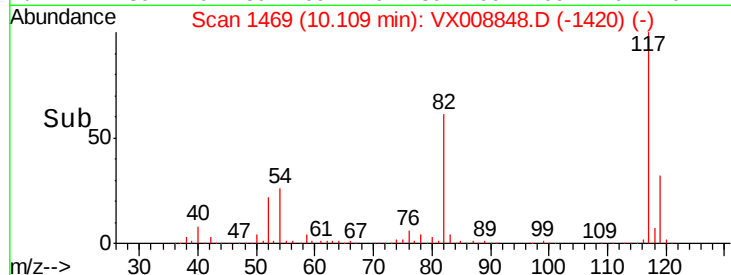
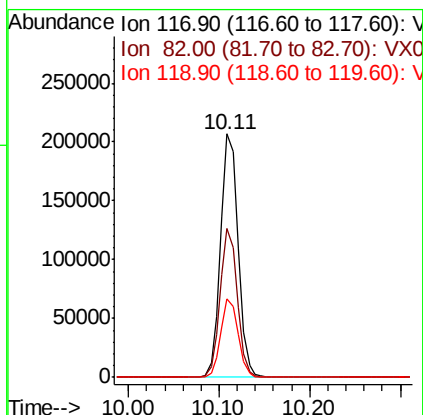
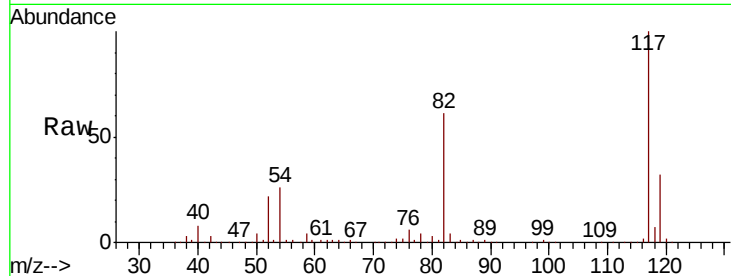




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008848.D
Acq: 11 Apr 2019 13:48

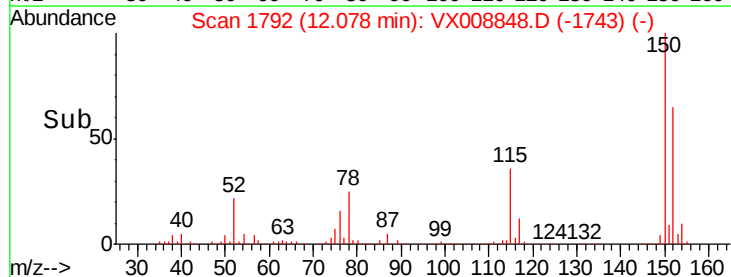
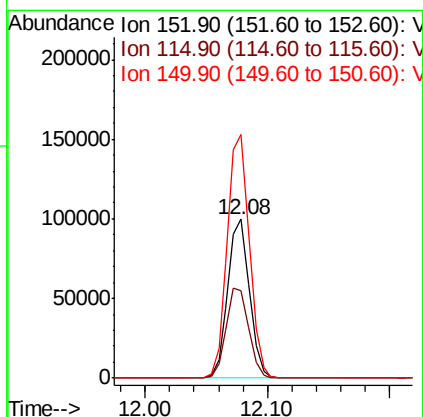
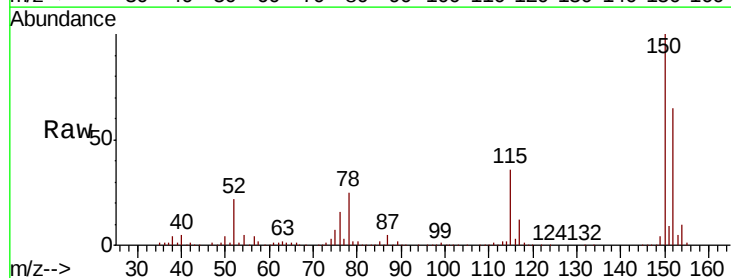
Instrument :
MSVOA_X
ClientSampled :
VX0411MBL01

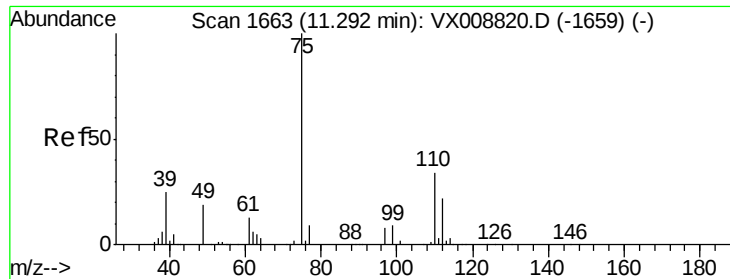
Tgt Ion:117 Resp: 279951
Ion Ratio Lower Upper
117 100
82 60.9 49.6 74.4
119 32.4 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008848.D
Acq: 11 Apr 2019 13:48

Tgt Ion:152 Resp: 121909
Ion Ratio Lower Upper
152 100
115 59.0 43.5 130.5
150 156.1 0.0 348.8

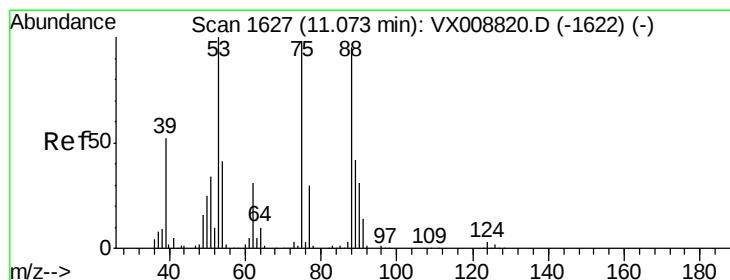
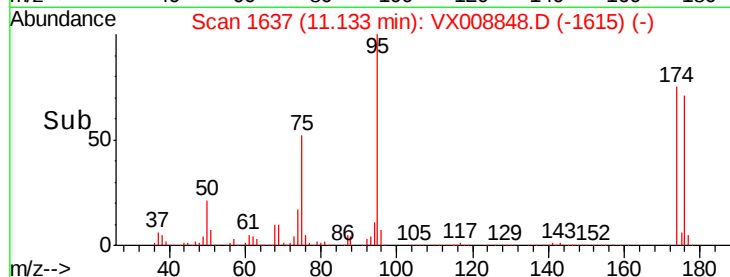
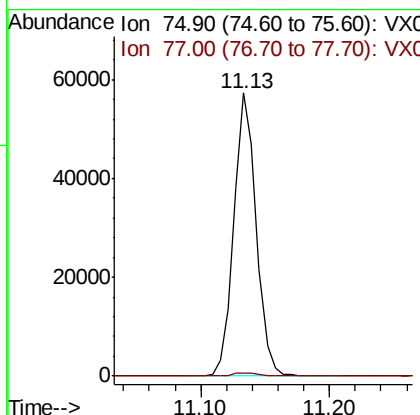
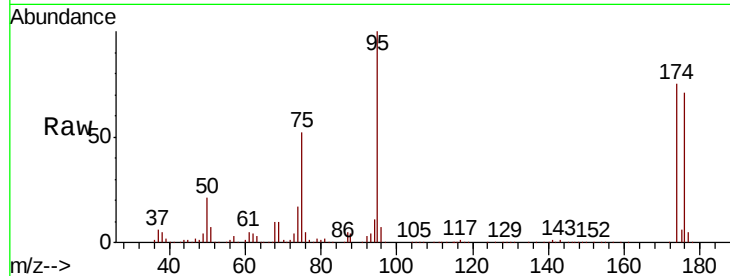




#76
 1,2,3-Trichloropropane
 Concen: 20.781 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.17 min
 Lab File: VX008848.D
 Acq: 11 Apr 2019 13:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411MBL01

Tgt Ion: 75 Resp: 69595
 Ion Ratio Lower Upper
 75 100
 77 1.4 22.3 66.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.284 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX008848.D
 Acq: 11 Apr 2019 13:48

Tgt Ion: 75 Resp: 69595
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.3 121.9#
 89 0.0 35.6 53.4#

