

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040919\
 Data File : VX008770.D
 Acq On : 09 Apr 2019 15:02
 Operator : JC/SP
 Sample : K2240-07
 Misc : 5.05g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-02-COMP

Quant Time: Apr 09 15:21:50 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	5.65	168	152204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	251820	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	221715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	103792	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	104466	47.06	ug/l	0.00
Spiked Amount			Recovery	=	94.12%	
35) Dibromofluoromethane	5.50	113	72677	45.14	ug/l	0.00
Spiked Amount			Recovery	=	90.28%	
50) Toluene-d8	8.71	98	314669	49.08	ug/l	0.00
Spiked Amount			Recovery	=	98.16%	
62) 4-Bromofluorobenzene	11.14	95	111250	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	

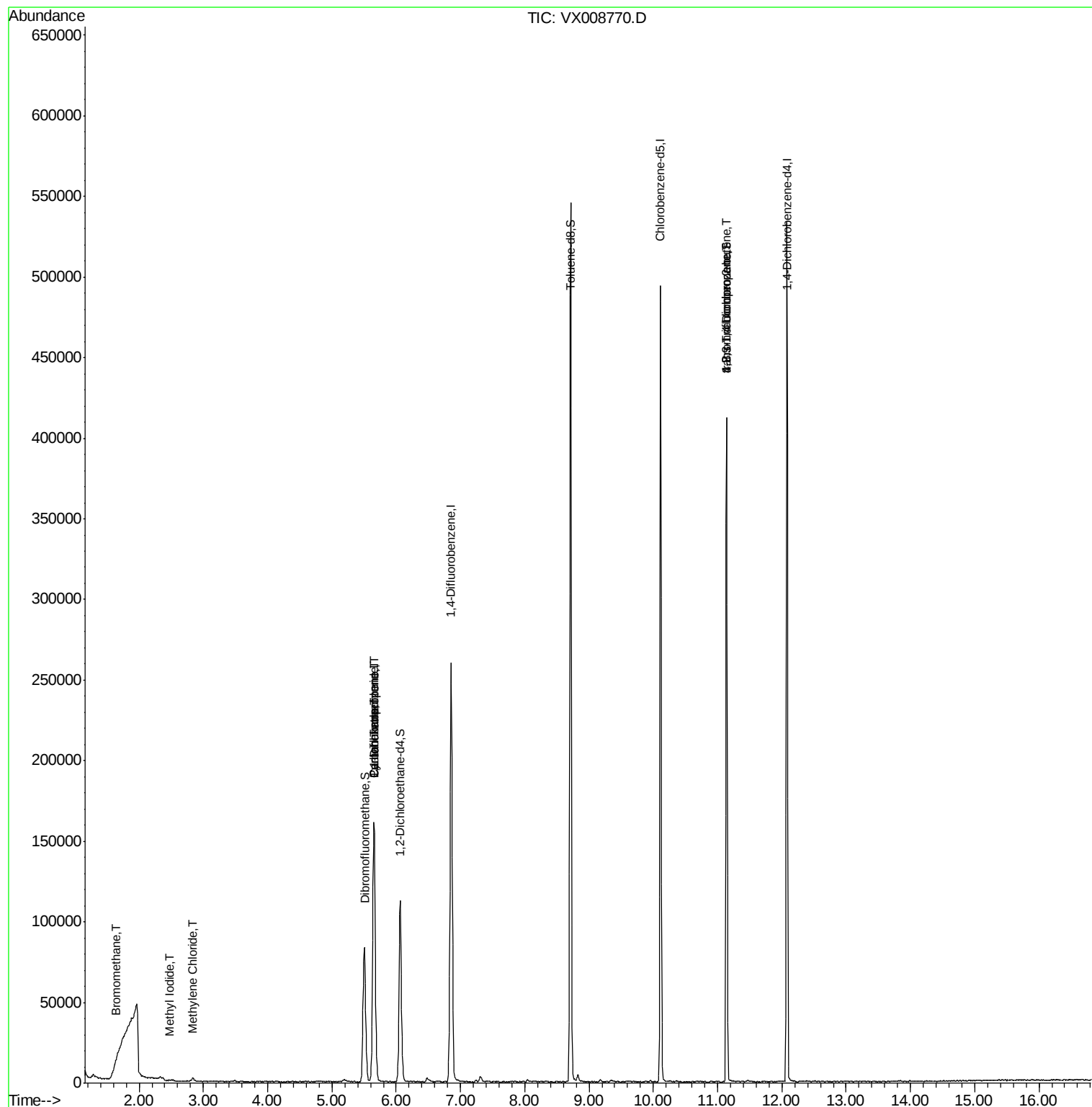
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	413	Below Cal	#	73
5) Bromomethane	1.64	94	763	2.515	ug/l	99
6) Chloroethane	1.67	64	165	Below Cal	#	67
10) Methyl Iodide	2.48	142	173	4.107	ug/l #	69
17) Carbon Disulfide	2.53	76	473	Below Cal	#	75
20) Methylene Chloride	2.84	84	816	0.381	ug/l #	84
28) Bromochloromethane	5.04	49	45	Below Cal	#	22
31) Cyclohexane	5.66	56	3500	0.912	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	12609	4.581	ug/l #	50
38) Carbon Tetrachloride	5.65	117	14810	6.501	ug/l #	17
76) 1,2,3-Trichloropropane	11.14	75	57591	20.198	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.14	75	57591	55.678	ug/l #	9

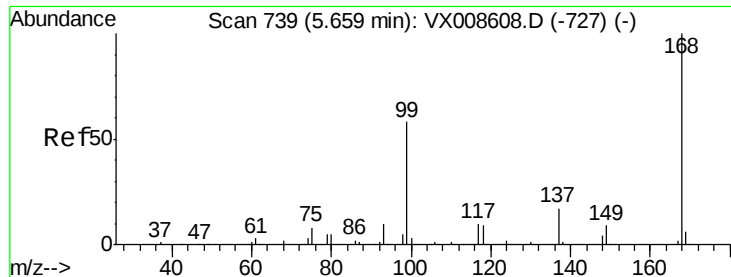
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX040919\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX008770.D

Acq: 09 Apr 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

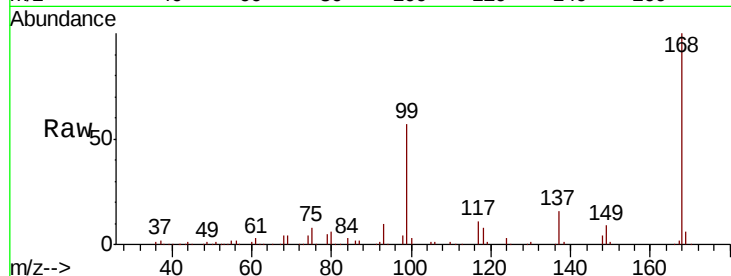
SB-02-COMP

Tgt Ion:168 Resp: 152204

Ion Ratio Lower Upper

168 100

99 56.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

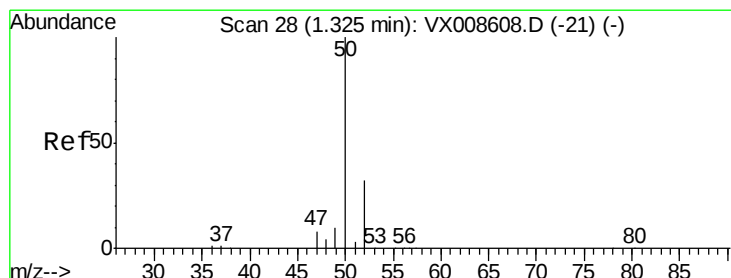
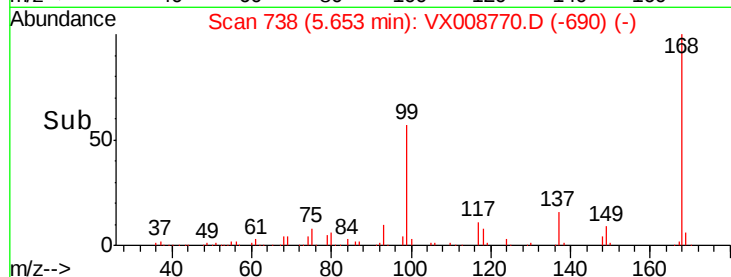
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 27

Delta R.T. -0.01 min

Lab File: VX008770.D

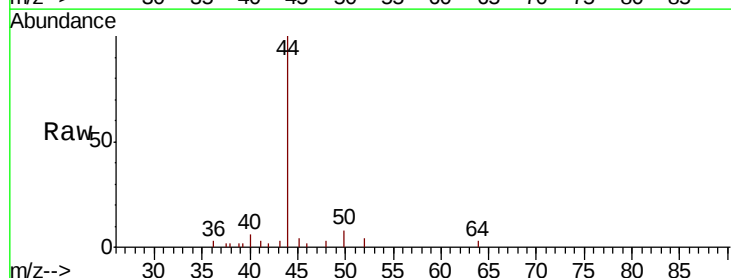
Acq: 09 Apr 2019 15:02

Tgt Ion: 50 Resp: 413

Ion Ratio Lower Upper

50 100

52 47.2 25.8 38.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

250

200

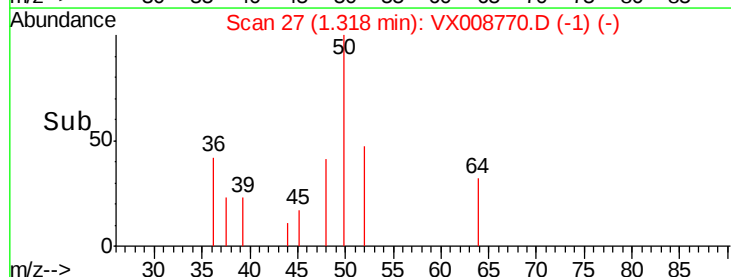
150

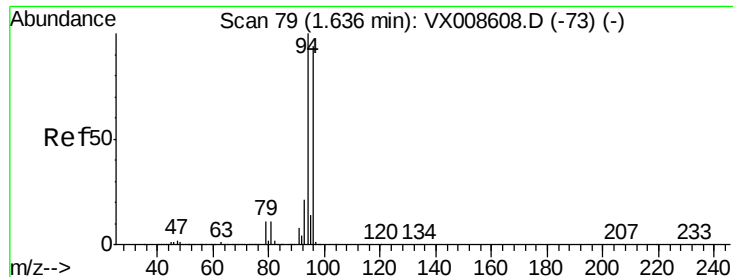
100

50

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: 2.515 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008770.D

Acq: 09 Apr 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

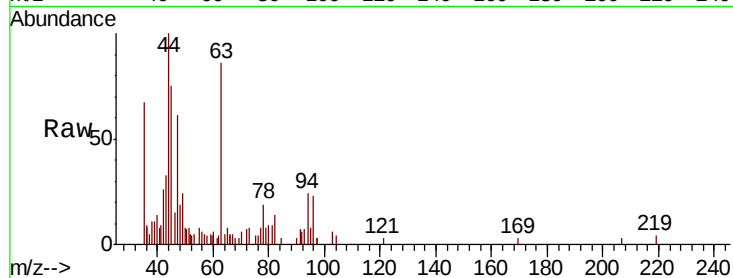
SB-02-COMP

Tgt Ion: 94 Resp: 763

Ion Ratio Lower Upper

94 100

96 94.5 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

400

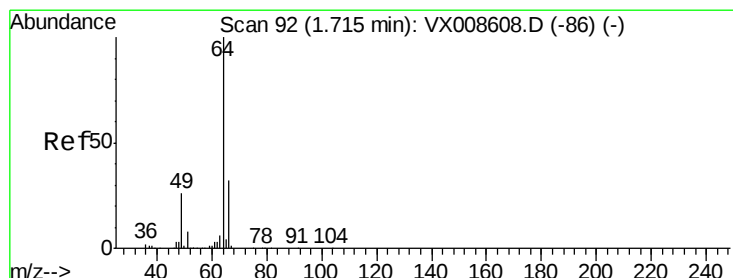
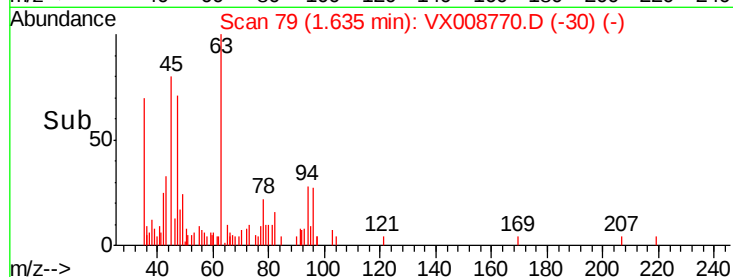
300

200

100

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: Below Cal

RT: 1.67 min Scan# 85

Delta R.T. -0.04 min

Lab File: VX008770.D

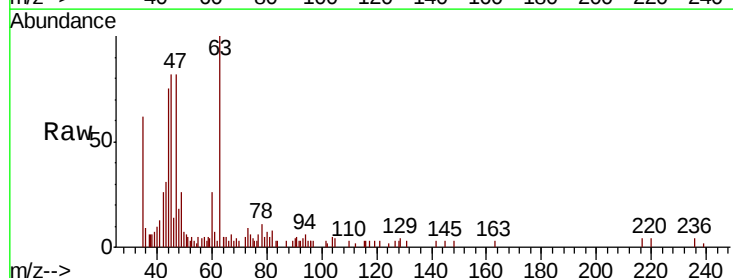
Acq: 09 Apr 2019 15:02

Tgt Ion: 64 Resp: 165

Ion Ratio Lower Upper

64 100

66 13.4 25.4 38.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.67

200

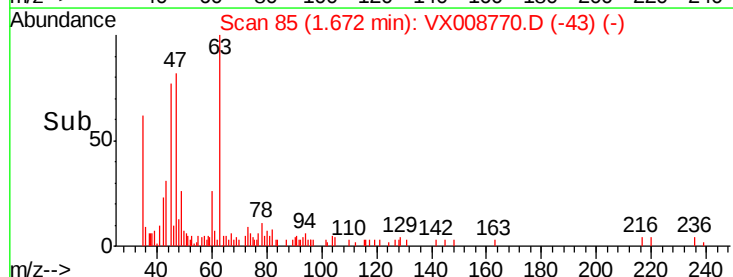
150

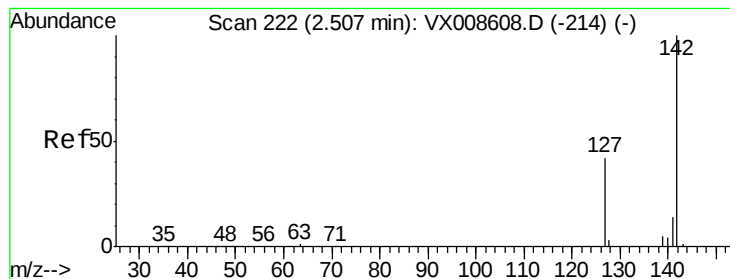
100

50

0

Time--> 1.65 1.70

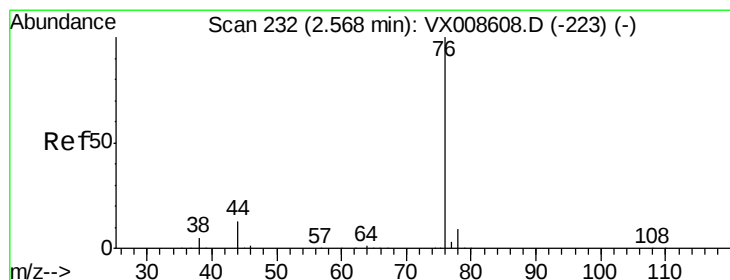
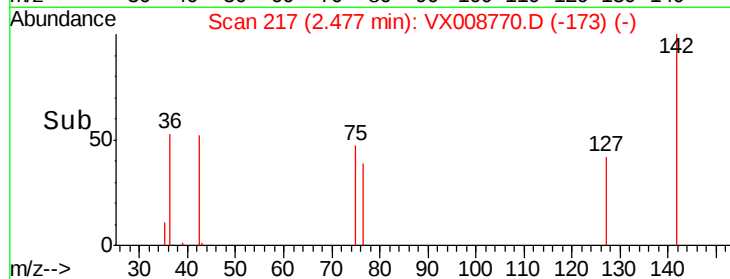
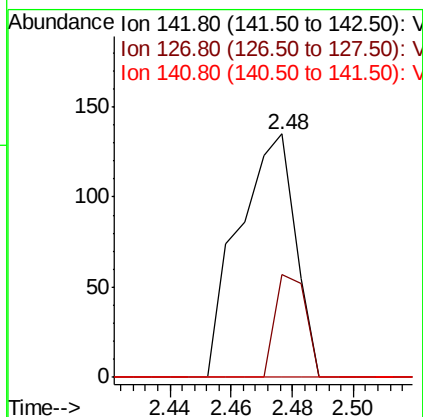
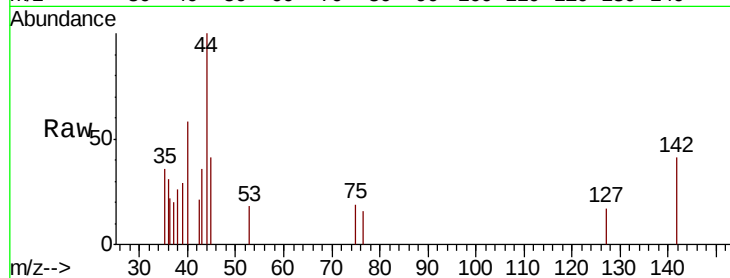




#10
Methyl Iodide
Concen: 4.107 ug/l
RT: 2.48 min Scan# 217
Delta R.T. -0.03 min
Lab File: VX008770.D
Acq: 09 Apr 2019 15:02

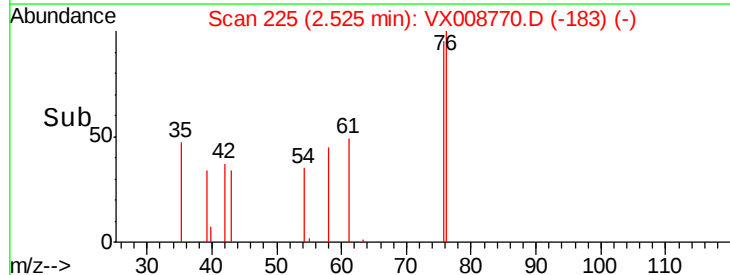
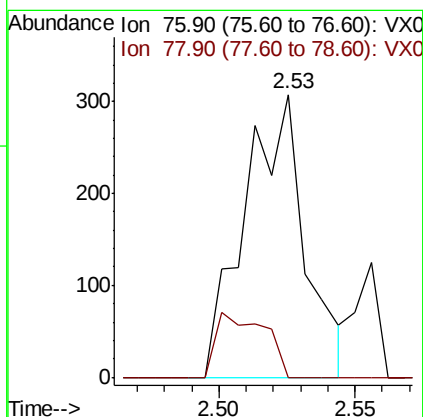
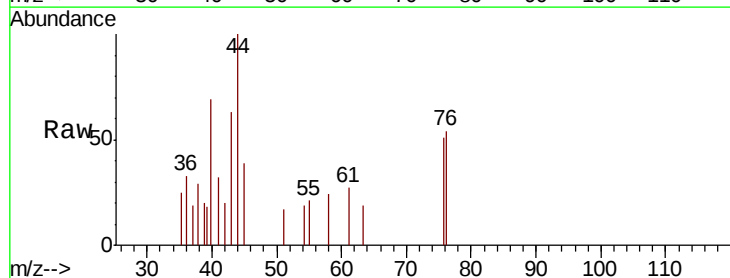
Instrument :
MSVOA_X
ClientSampleId :
SB-02-COMP

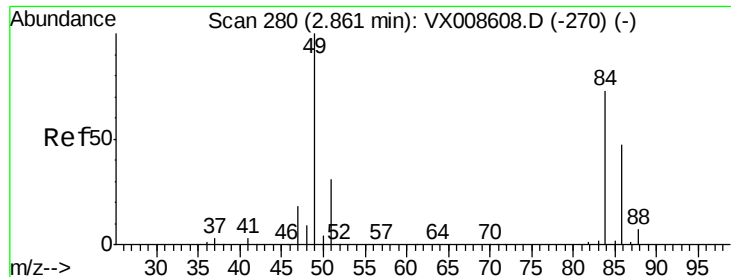
Tgt Ion: 142 Resp: 173
Ion Ratio Lower Upper
142 100
127 23.1 33.0 49.6#
141 0.0 11.4 17.2#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.53 min Scan# 225
Delta R.T. -0.04 min
Lab File: VX008770.D
Acq: 09 Apr 2019 15:02

Tgt Ion: 76 Resp: 473
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#

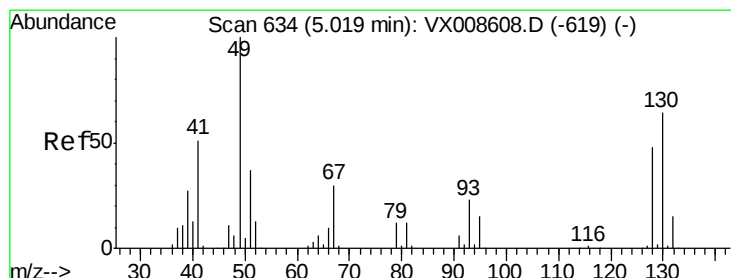
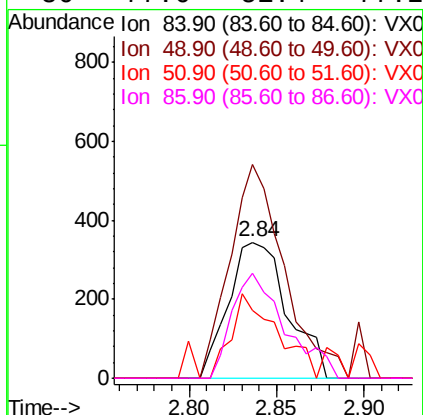
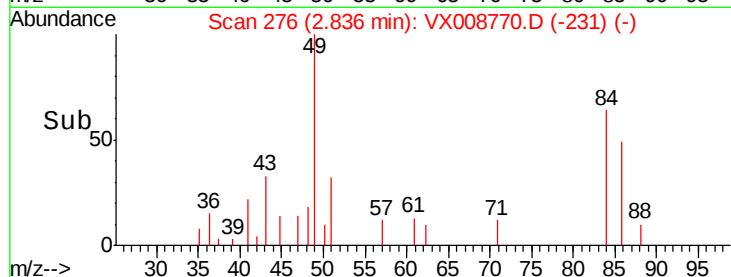
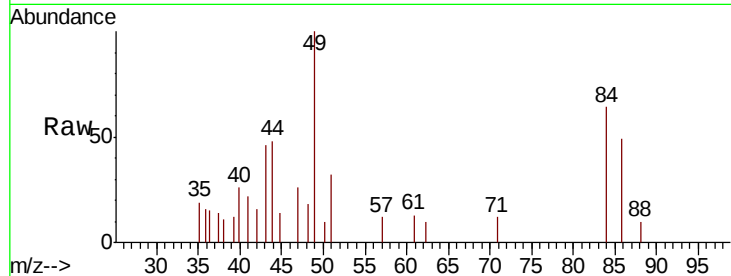




#20
Methylene Chloride
Concen: 0.381 ug/l
RT: 2.84 min Scan# 276
Delta R.T. -0.02 min
Lab File: VX008770.D
Acq: 09 Apr 2019 15:02

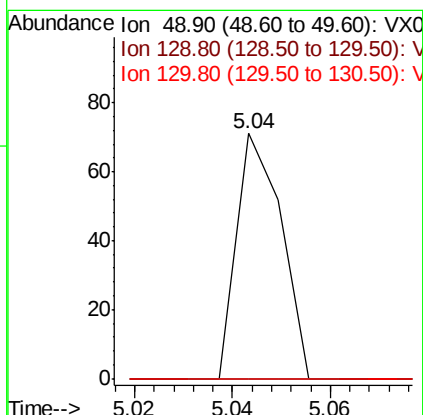
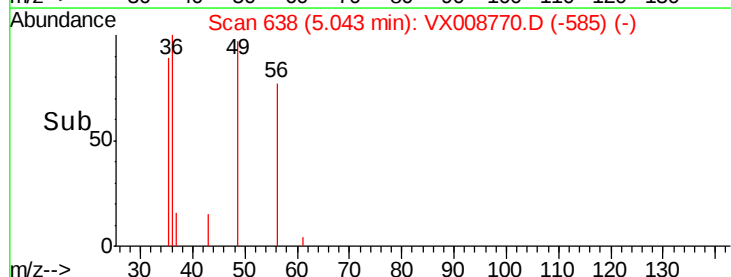
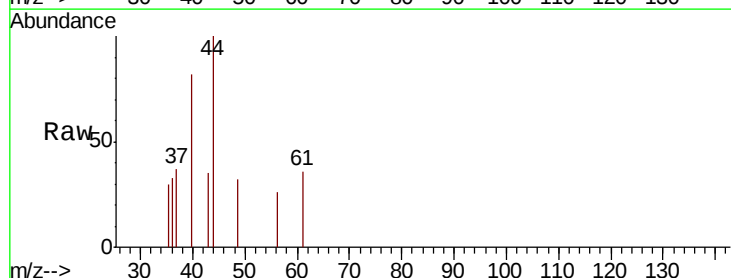
Instrument :
MSVOA_X
ClientSampleId :
SB-02-COMP

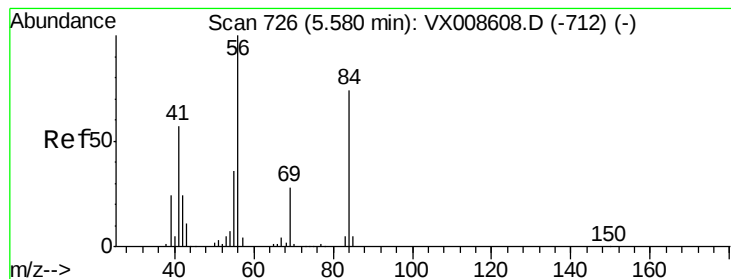
Tgt Ion: 84 Resp: 816
Ion Ratio Lower Upper
84 100
49 157.3 109.7 164.5
51 32.8 33.6 50.4#
86 77.6 51.4 77.2#



#28
Bromochloromethane
Concen: Below Cal
RT: 5.04 min Scan# 638
Delta R.T. 0.02 min
Lab File: VX008770.D
Acq: 09 Apr 2019 15:02

Tgt Ion: 49 Resp: 45
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 49.3 73.9#





#31

Cyclohexane

Concen: 0.912 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.08 min

Lab File: VX008770.D

Acq: 09 Apr 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

SB-02-COMP

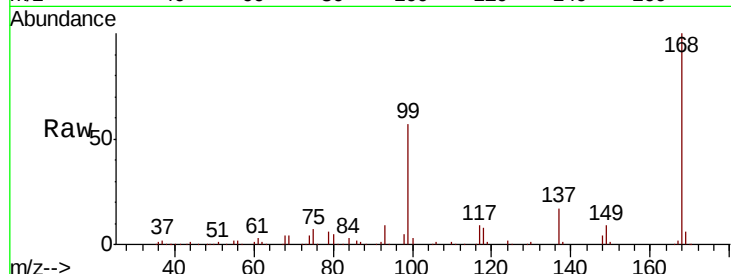
Tgt Ion: 56 Resp: 3500

Ion Ratio Lower Upper

56 100

69 170.0 22.6 33.8#

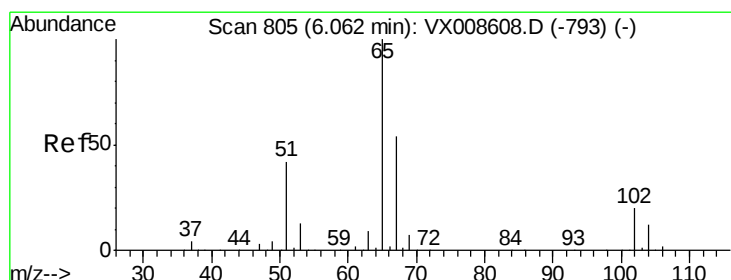
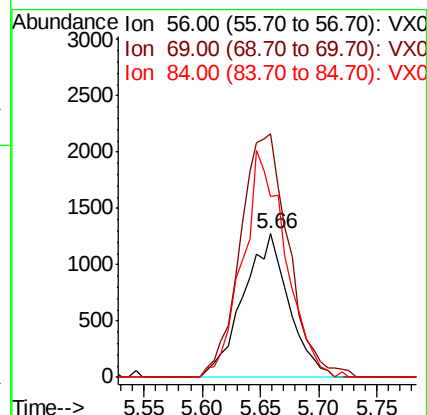
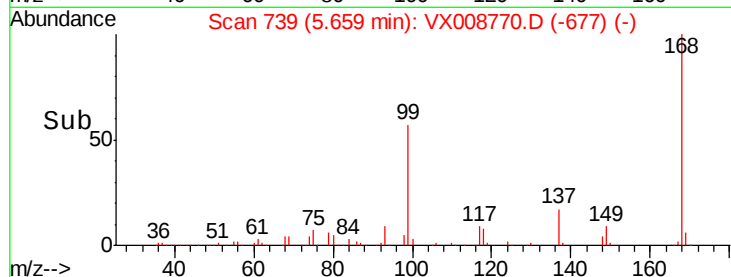
84 126.3 59.3 88.9#



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: 47.057 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008770.D

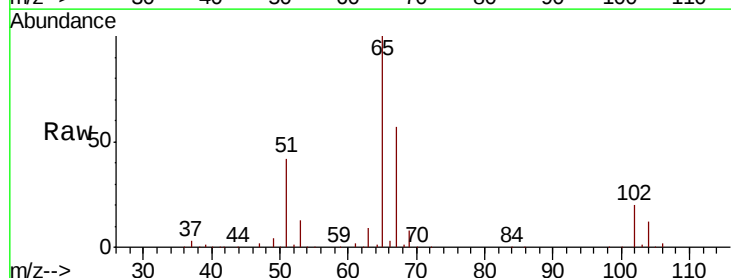
Acq: 09 Apr 2019 15:02

Tgt Ion: 65 Resp: 104466

Ion Ratio Lower Upper

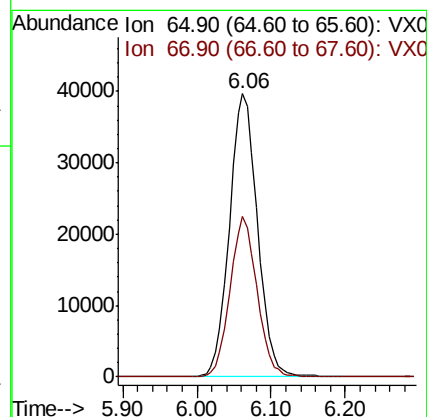
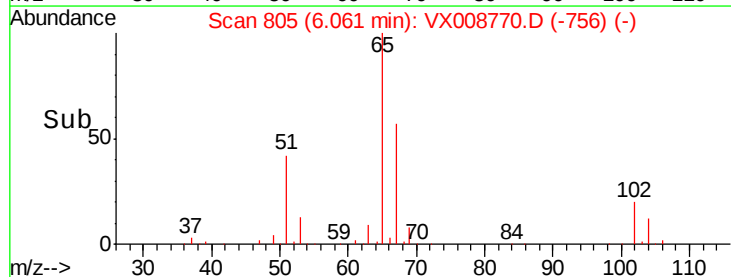
65 100

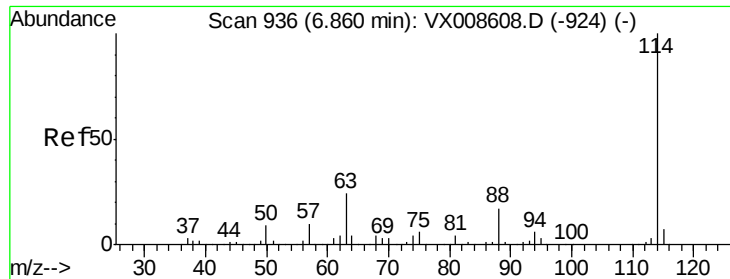
67 54.5 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

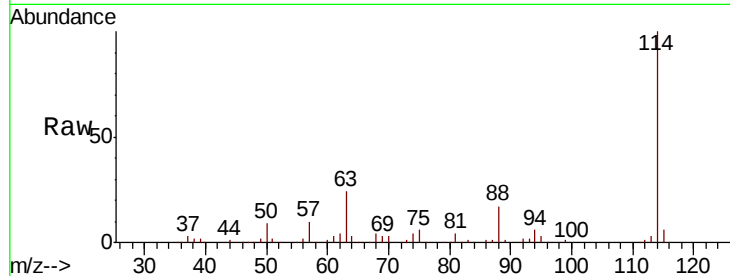




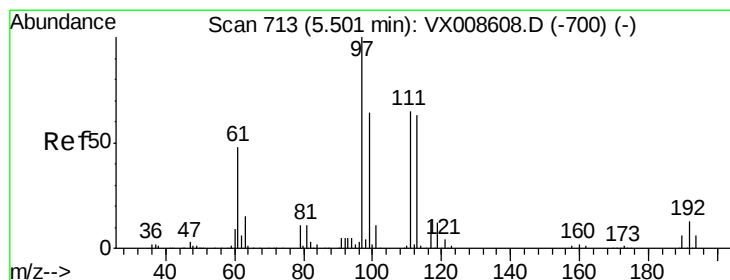
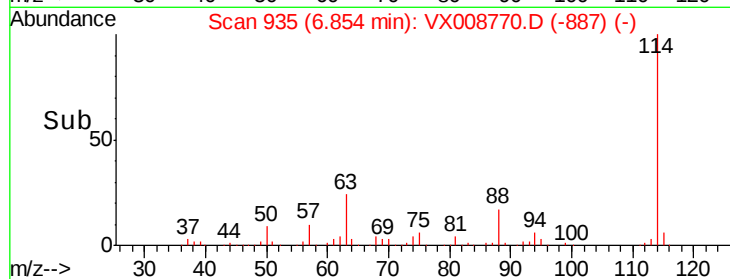
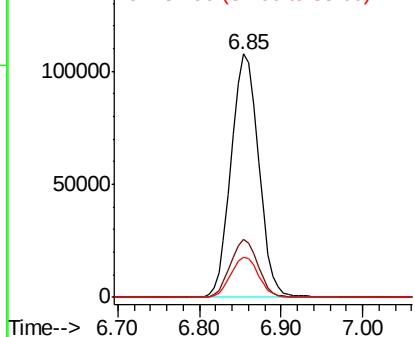
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008770.D
 Acq: 09 Apr 2019 15:02

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-02-COMP

Tgt Ion:114 Resp: 251820
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 47.2
 88 16.6 0.0 34.0

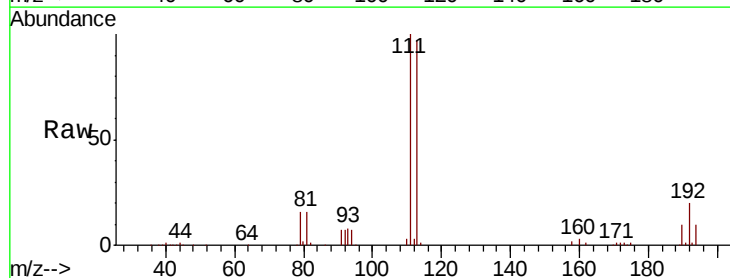


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

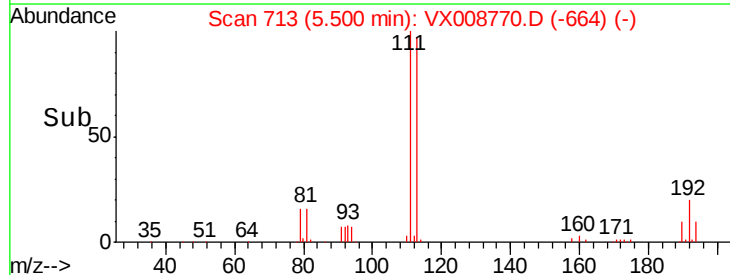
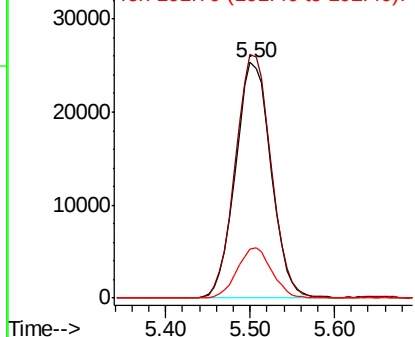


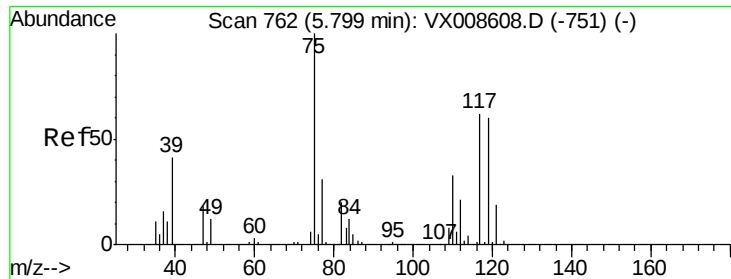
#35
 Dibromofluoromethane
 Concen: 45.140 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008770.D
 Acq: 09 Apr 2019 15:02

Tgt Ion:113 Resp: 72677
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.4 125.2
 192 20.6 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

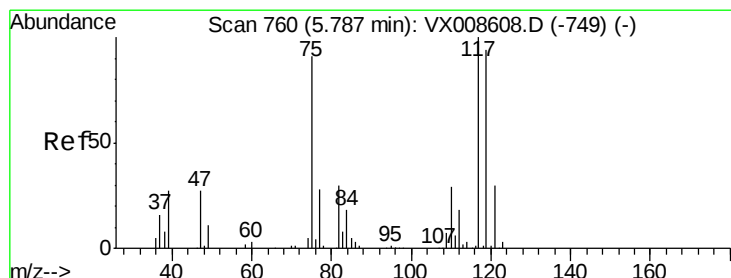
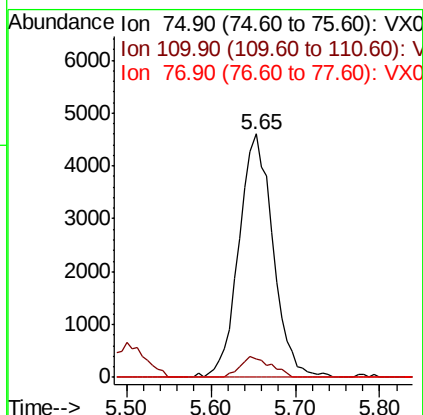
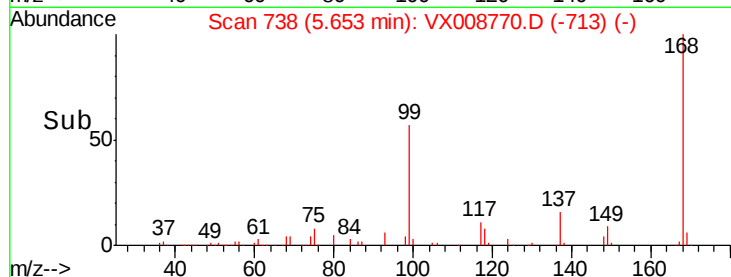
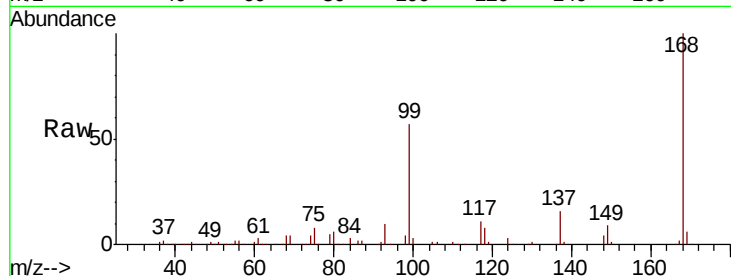




#36
 1,1-Dichloropropene
 Concen: 4.581 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.15 min
 Lab File: VX008770.D
 Acq: 09 Apr 2019 15:02

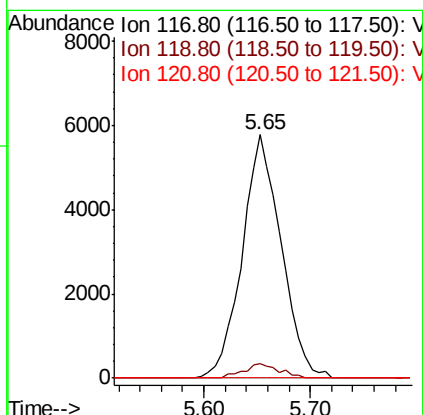
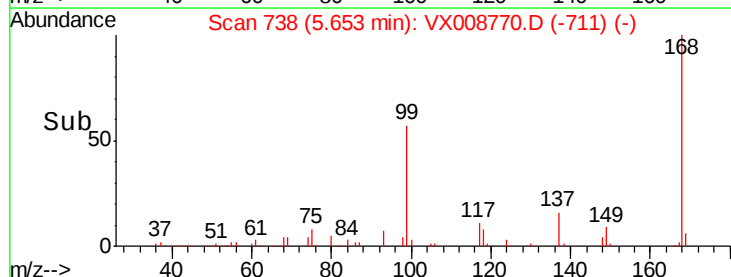
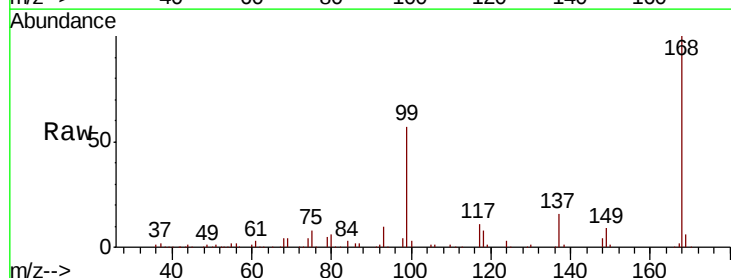
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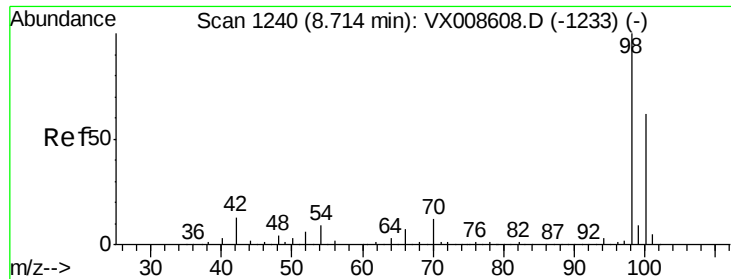
Tgt Ion: 75 Resp: 12609
 Ion Ratio Lower Upper
 75 100
 110 7.7 16.4 49.2#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.501 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.13 min
 Lab File: VX008770.D
 Acq: 09 Apr 2019 15:02

Tgt Ion: 117 Resp: 14810
 Ion Ratio Lower Upper
 117 100
 119 5.7 75.0 112.6#
 121 0.0 24.3 36.5#





#50

Toluene-d8

Concen: 49.085 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008770.D

Acq: 09 Apr 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

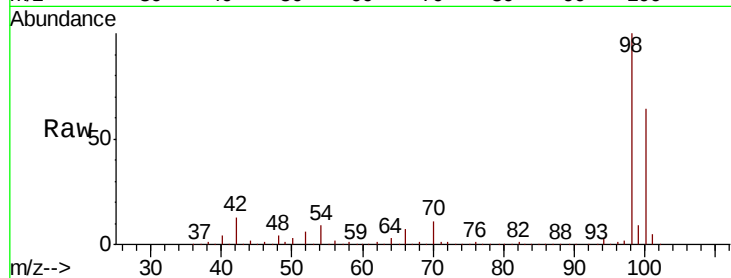
SB-02-COMP

Tgt Ion: 98 Resp: 314669

Ion Ratio Lower Upper

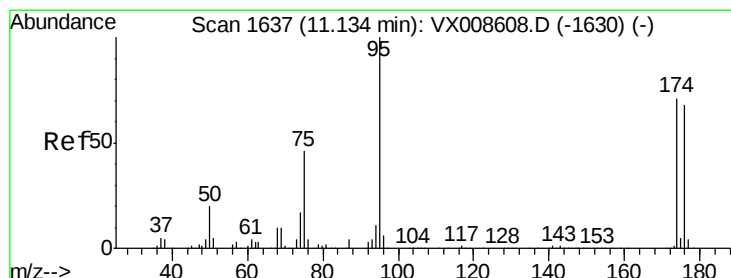
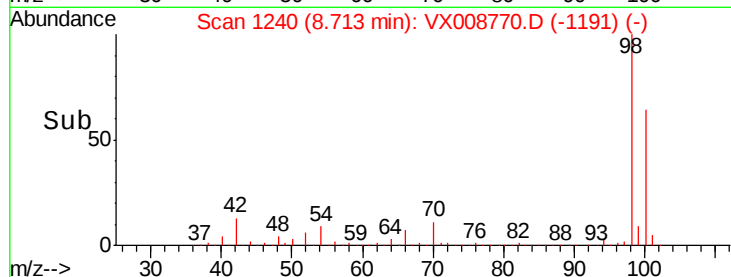
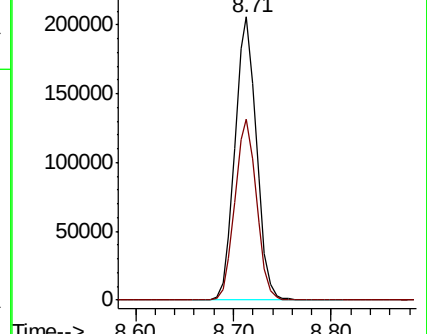
98 100

100 64.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 48.936 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX008770.D

Acq: 09 Apr 2019 15:02

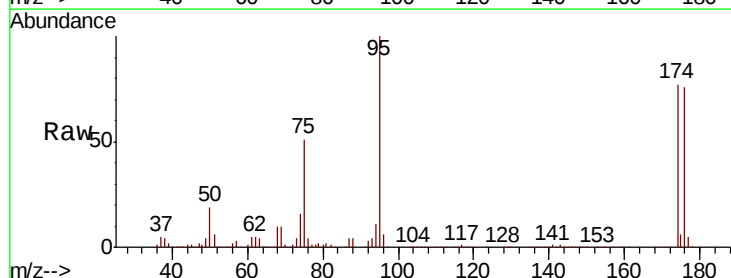
Tgt Ion: 95 Resp: 111250

Ion Ratio Lower Upper

95 100

174 77.0 0.0 151.8

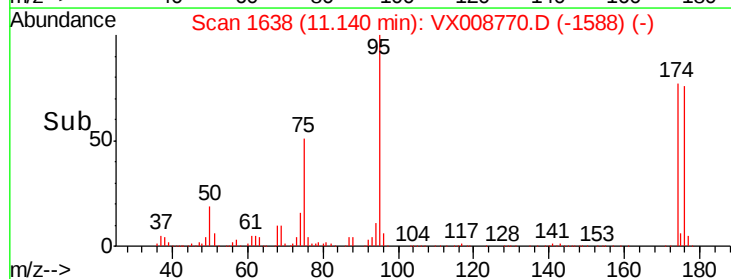
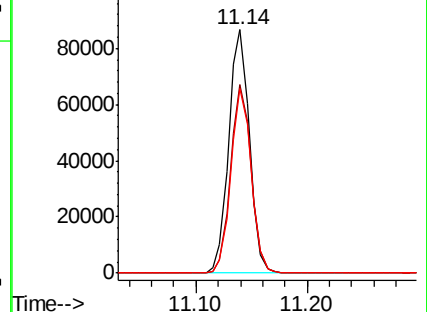
176 74.3 0.0 145.8

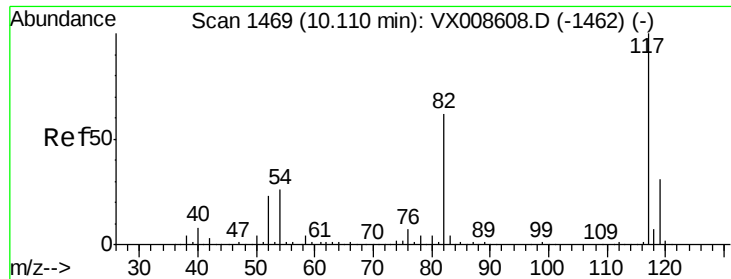


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

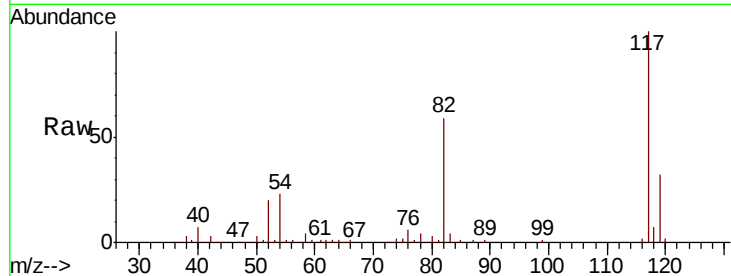




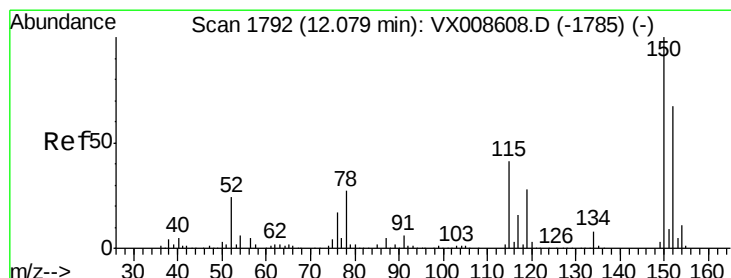
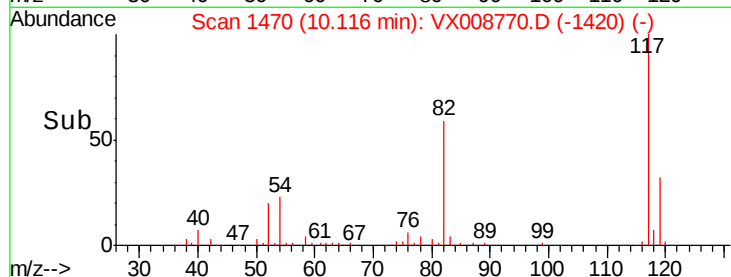
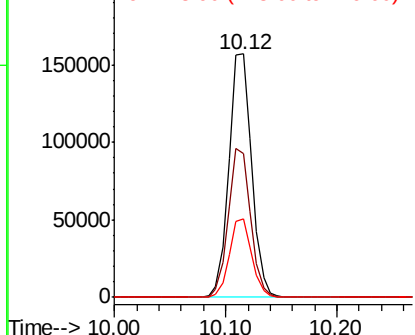
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008770.D
Acq: 09 Apr 2019 15:02

Instrument :
MSVOA_X
ClientSampleId :
SB-02-COMP

Tgt Ion:117 Resp: 221715
Ion Ratio Lower Upper
117 100
82 59.2 49.6 74.4
119 32.3 25.0 37.4

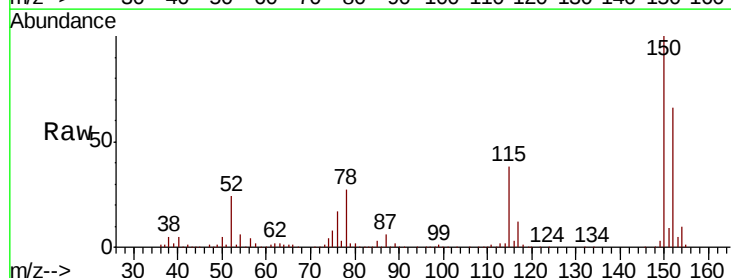


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

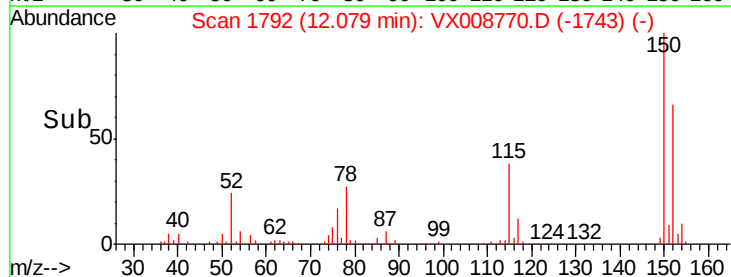
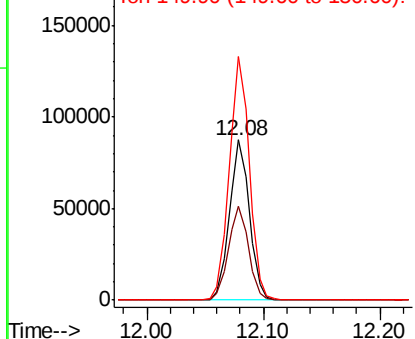


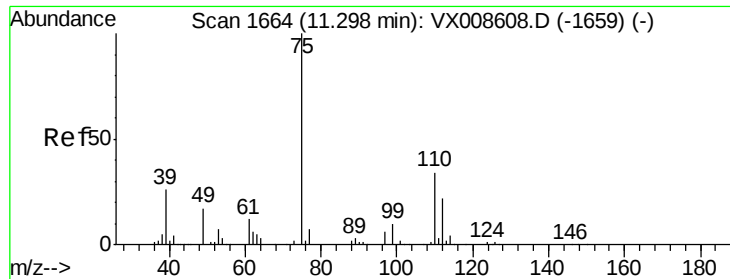
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008770.D
Acq: 09 Apr 2019 15:02

Tgt Ion:152 Resp: 103792
Ion Ratio Lower Upper
152 100
115 58.9 43.5 130.5
150 153.6 0.0 348.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

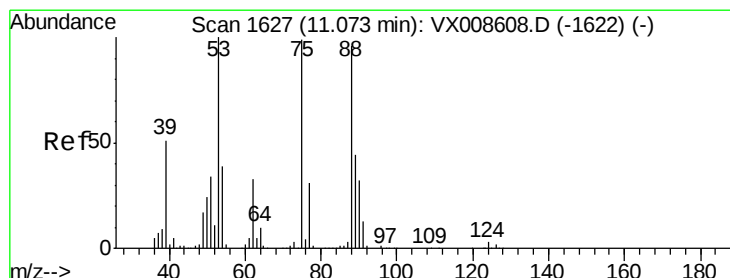
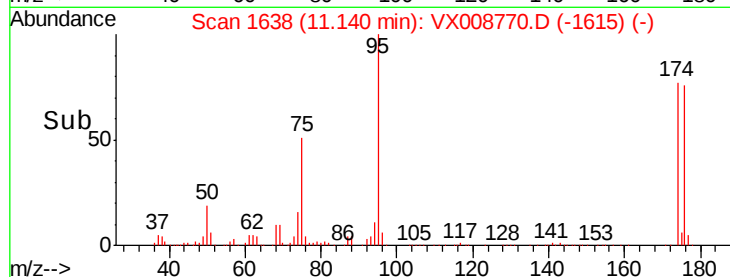
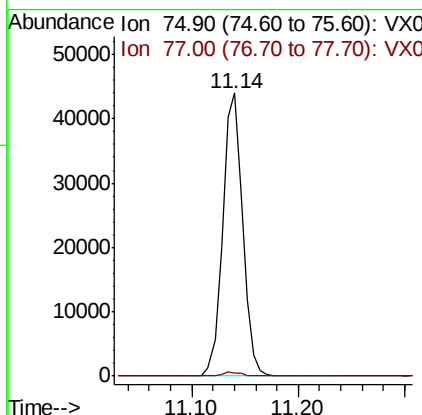
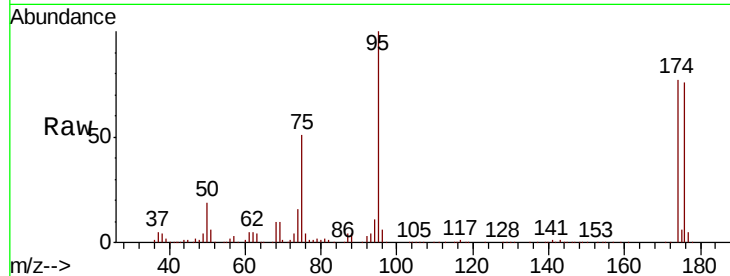




#76
 1,2,3-Trichloropropane
 Concen: 20.198 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX008770.D
 Acq: 09 Apr 2019 15:02

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-02-COMP

Tgt Ion: 75 Resp: 57591
 Ion Ratio Lower Upper
 75 100
 77 1.3 22.3 66.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.678 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.07 min
 Lab File: VX008770.D
 Acq: 09 Apr 2019 15:02

Tgt Ion: 75 Resp: 57591
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.3 121.9#
 89 0.0 35.6 53.4#

