

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052019\
 Data File : VX009728.D
 Acq On : 20 May 2019 16:03
 Operator : JC/SP
 Sample : K2952-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-TB-20190516

Quant Time: May 21 07:41:41 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	5.66	168	169584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	272169	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	239173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	97260	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	115464	49.88	ug/l	0.00
Spiked Amount			Recovery	=	99.76%	
35) Dibromofluoromethane	5.50	113	83332	48.70	ug/l	0.00
Spiked Amount			Recovery	=	97.40%	
50) Toluene-d8	8.71	98	344996	49.94	ug/l	0.00
Spiked Amount			Recovery	=	99.88%	
62) 4-Bromofluorobenzene	11.13	95	111915	44.59	ug/l	0.00
Spiked Amount			Recovery	=	89.18%	

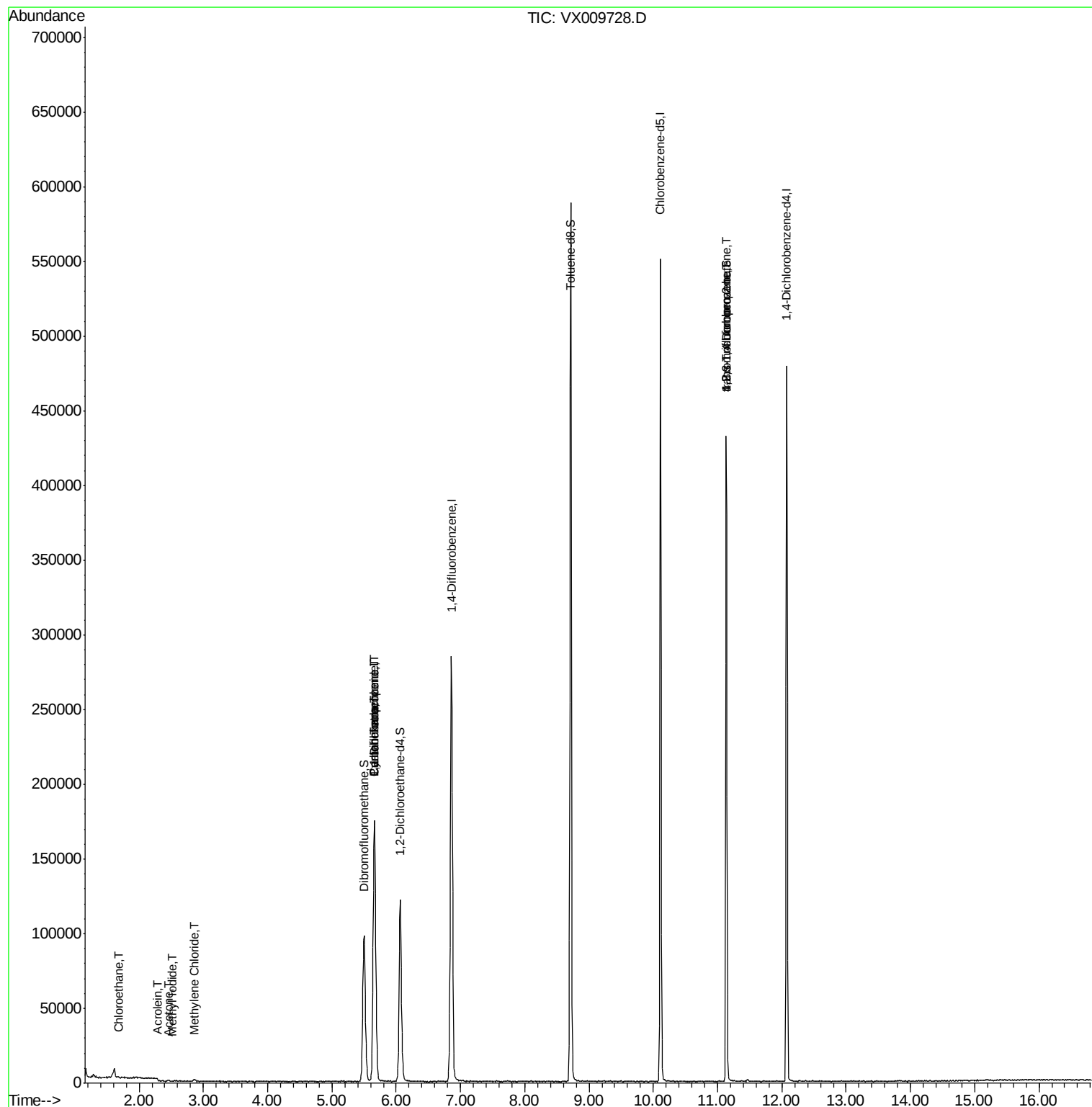
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.68	64	274	0.205	ug/l #	43
10) Methyl Iodide	2.53	142	74	4.630	ug/l #	42
13) Acrolein	2.28	56	103	0.212	ug/l #	33
16) Acetone	2.46	43	553	0.445	ug/l #	85
20) Methylene Chloride	2.85	84	527	0.262	ug/l	94
28) Bromochloromethane	5.04	49	39	Below Cal	#	20
31) Cyclohexane	5.67	56	3851	1.125	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	13660	5.401	ug/l #	50
38) Carbon Tetrachloride	5.66	117	15527	6.757	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	56932	25.235	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	56932	64.567	ug/l #	10

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052019\
Data File : VX009728.D
Acq On : 20 May 2019 16:03
Operator : JC/SP
Sample : K2952-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-TB-20190516

Quant Time: May 21 07:41:41 2019
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: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009728.D

Acq: 20 May 2019 16:03

Instrument :

MSVOA_X

ClientSampleId :

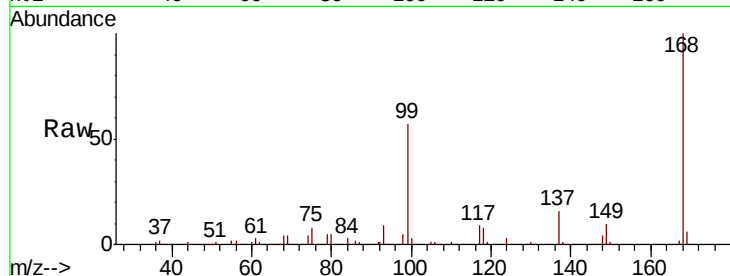
BP-VPB202-TB-20190516

Tot Ion:168 Resp: 169584

Ion Ratio Lower Upper

168 100

99 57.1 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

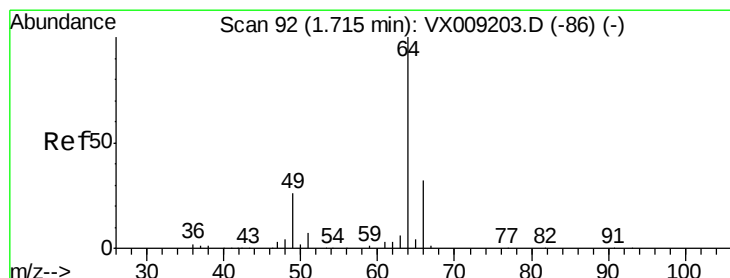
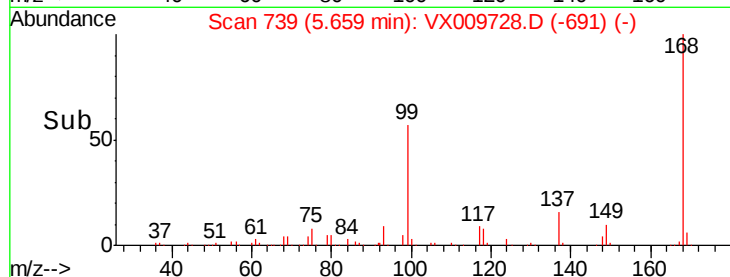
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: 0.205 ug/l

RT: 1.68 min Scan# 87

Delta R.T. -0.03 min

Lab File: VX009728.D

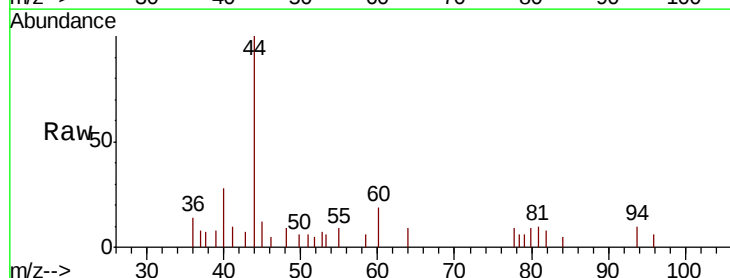
Acq: 20 May 2019 16:03

Tgt Ion: 64 Resp: 274

Ion Ratio Lower Upper

64 100

66 0.0 25.3 37.9#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

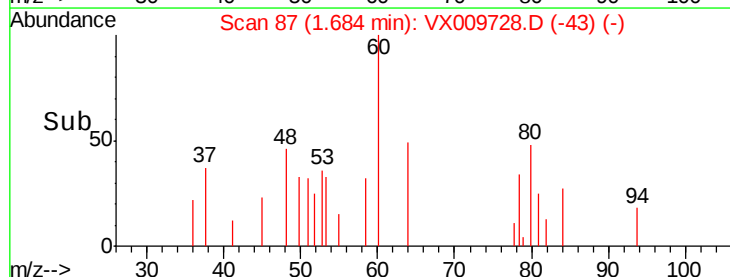
150

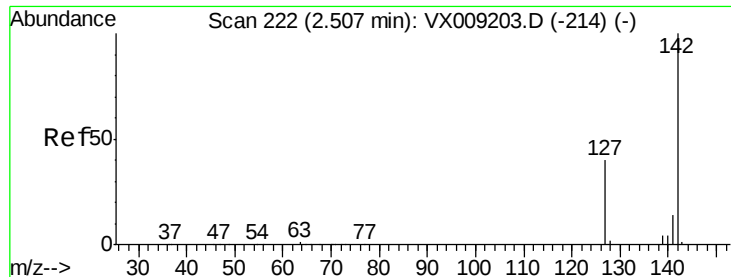
100

50

0

Time--> 1.65 1.70 1.75

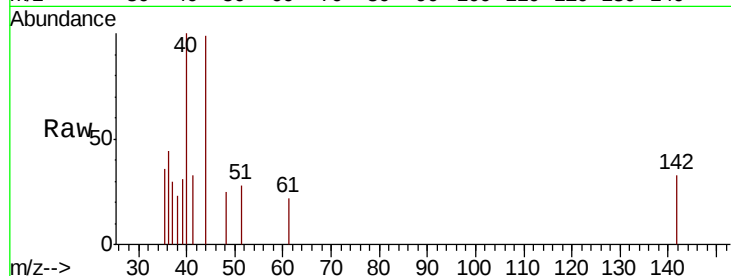




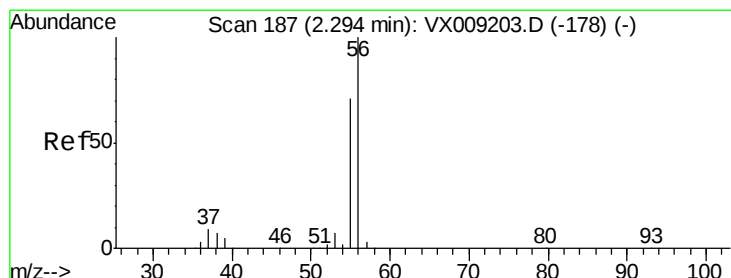
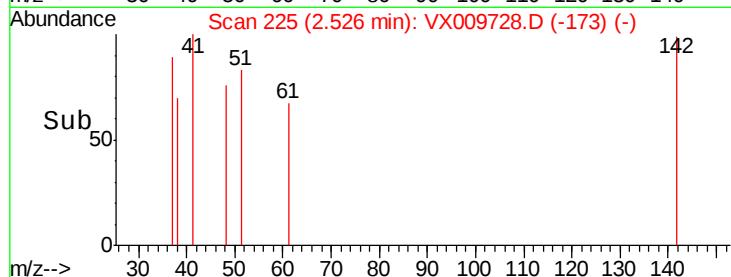
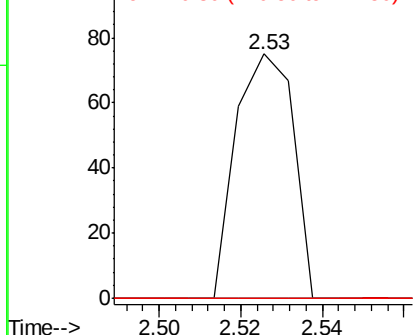
#10
Methyl Iodide
Concen: 4.630 ug/l
RT: 2.53 min Scan# 225
Delta R.T. 0.02 min
Lab File: VX009728.D
Acq: 20 May 2019 16:03

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-TB-20190516

Tot Ion:142 Resp: 74
Ion Ratio Lower Upper
142 100
127 0.0 32.7 49.1#
141 0.0 11.5 17.3#

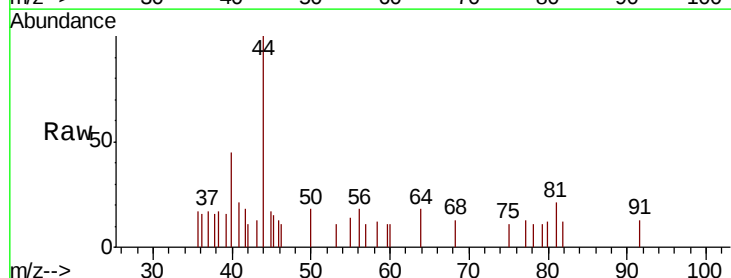


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

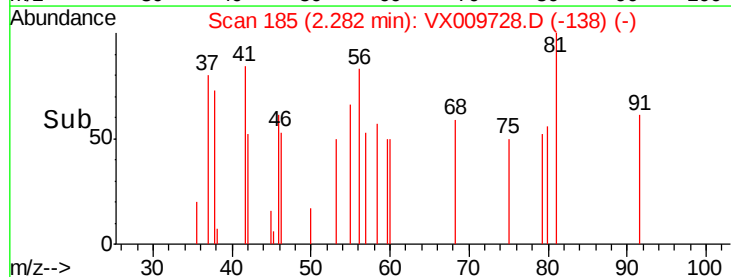
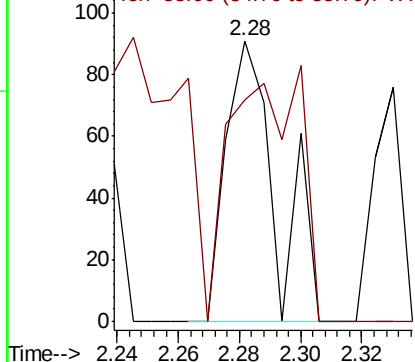


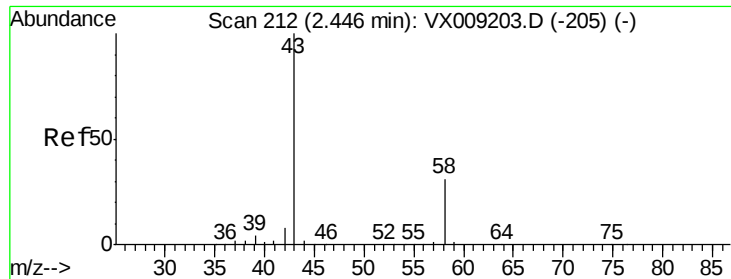
#13
Acrolein
Concen: 0.212 ug/l
RT: 2.28 min Scan# 185
Delta R.T. -0.01 min
Lab File: VX009728.D
Acq: 20 May 2019 16:03

Tgt Ion: 56 Resp: 103
Ion Ratio Lower Upper
56 100
55 126.2 56.6 85.0#



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





#16

Acetone

Concen: 0.445 ug/l

RT: 2.46 min Scan# 214

Delta R.T. 0.01 min

Lab File: VX009728.D

Acq: 20 May 2019 16:03

Instrument :

MSVOA_X

ClientSampleId :

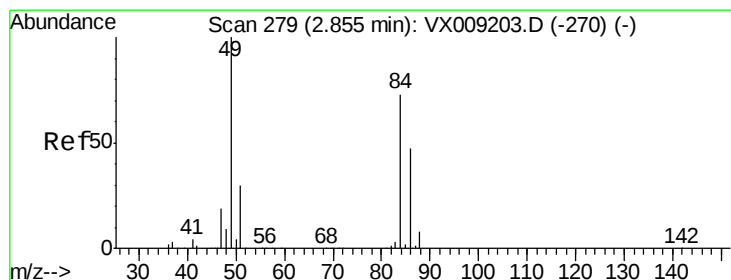
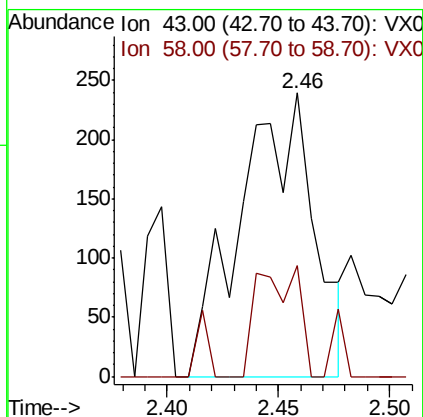
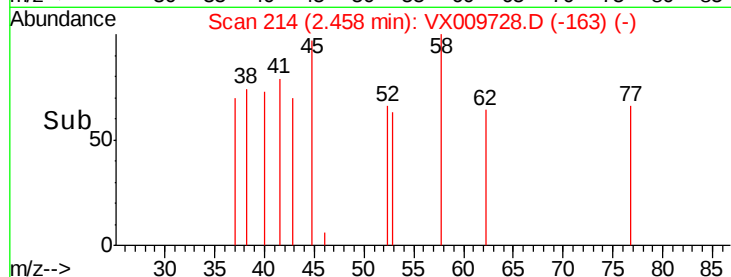
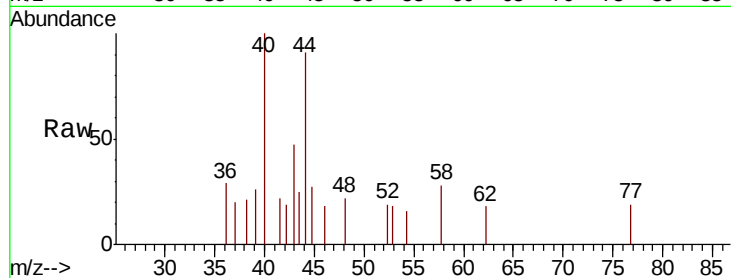
BP-VPB202-TB-20190516

Tot Ion: 43 Resp: 553

Ion Ratio Lower Upper

43 100

58 39.3 24.9 37.3#



#20

Methylene Chloride

Concen: 0.262 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX009728.D

Acq: 20 May 2019 16:03

Tgt Ion: 84 Resp: 527

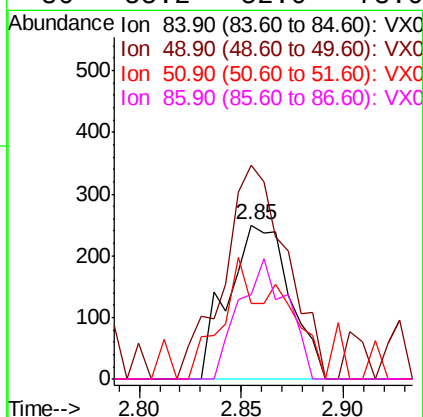
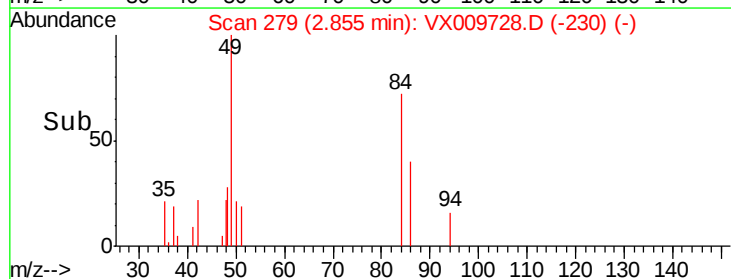
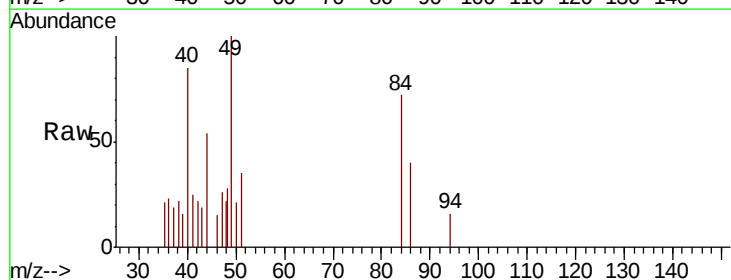
Ion Ratio Lower Upper

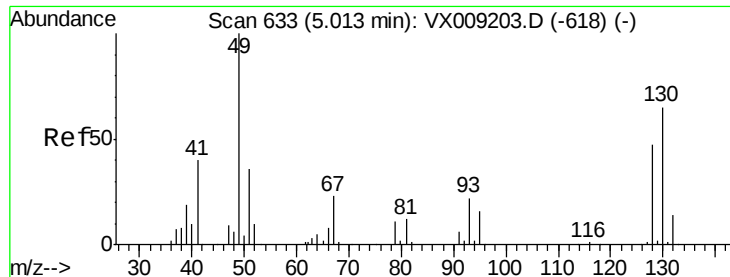
84 100

49 138.4 109.9 164.9

51 48.8 32.7 49.1

86 55.2 52.0 78.0





#28

Bromochloromethane

Concen: Below Cal

RT: 5.04 min Scan# 637

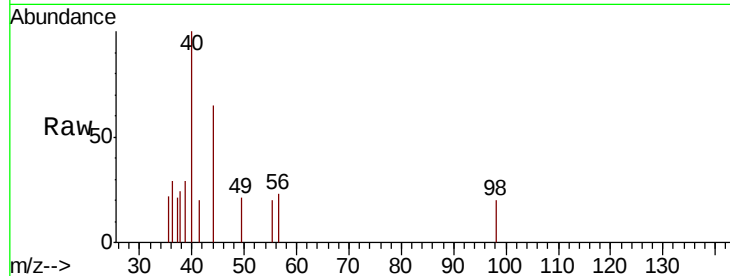
Delta R.T. 0.03 min

Lab File: VX009728.D

Acq: 20 May 2019 16:03

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-TB-20190516

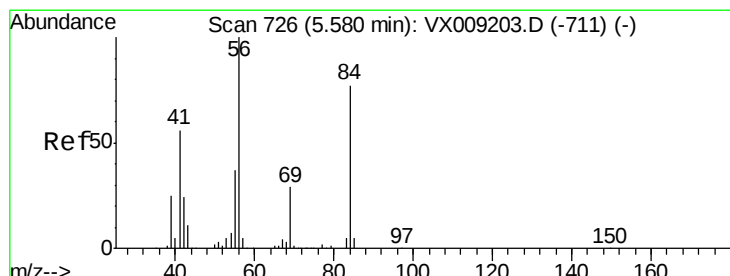
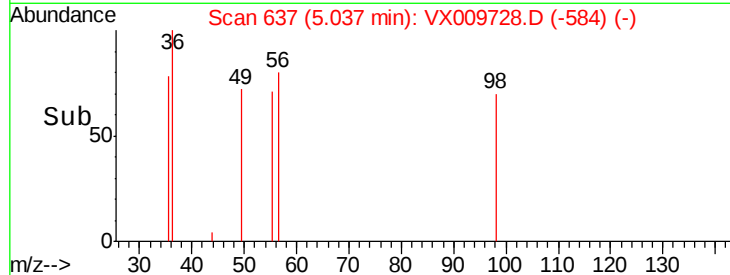
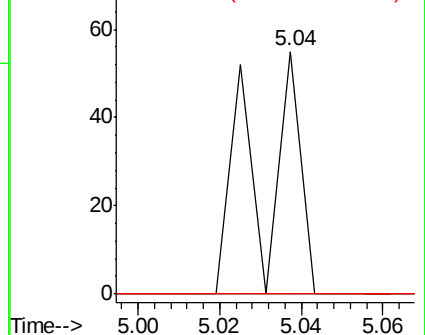
Tot Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	51.2	76.8



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: 1.125 ug/l

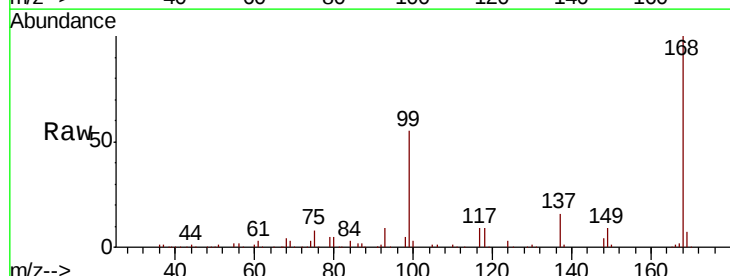
RT: 5.67 min Scan# 740

Delta R.T. 0.09 min

Lab File: VX009728.D

Acq: 20 May 2019 16:03

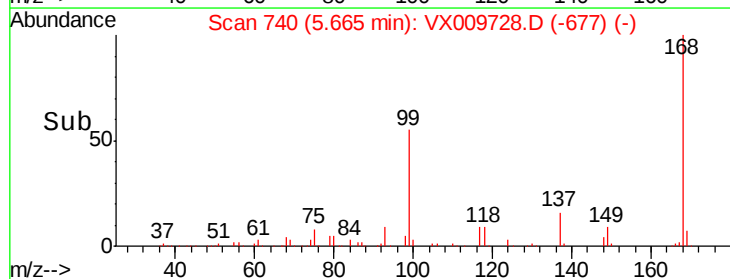
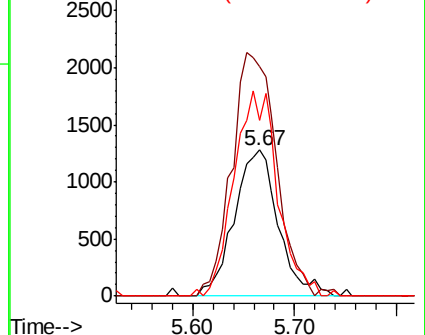
Tgt Ion	Ratio	Lower	Upper
56	100		
69	157.0	23.4	35.0
84	120.2	61.9	92.9

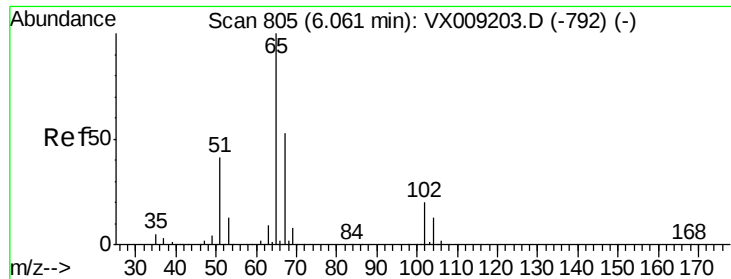


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.876 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009728.D

Acq: 20 May 2019 16:03

Instrument :

MSVOA_X

ClientSampleId :

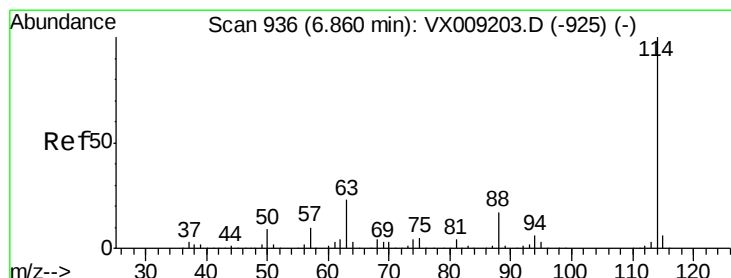
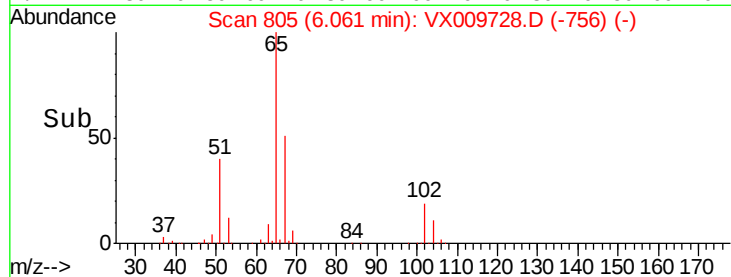
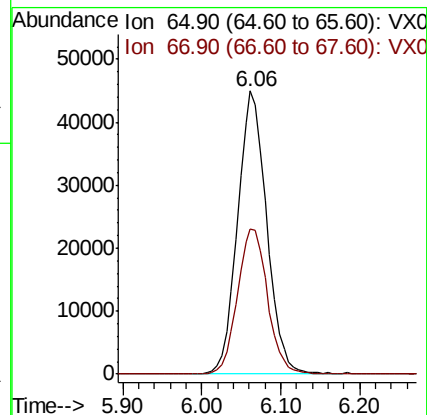
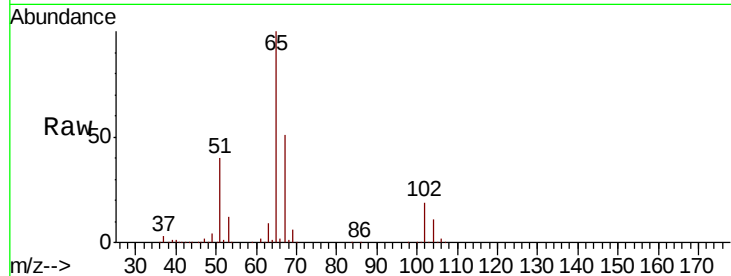
BP-VPB202-TB-20190516

Tot Ion: 65 Resp: 115464

Ion Ratio Lower Upper

65 100

67 53.0 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: VX009728.D

Acq: 20 May 2019 16:03

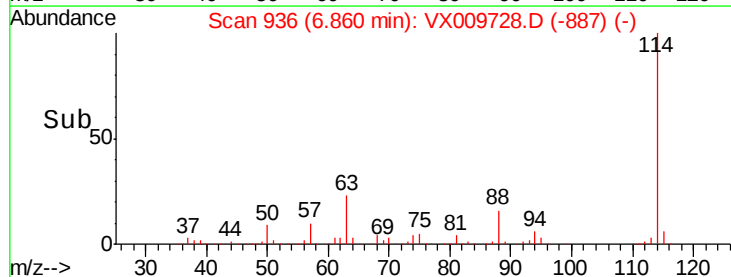
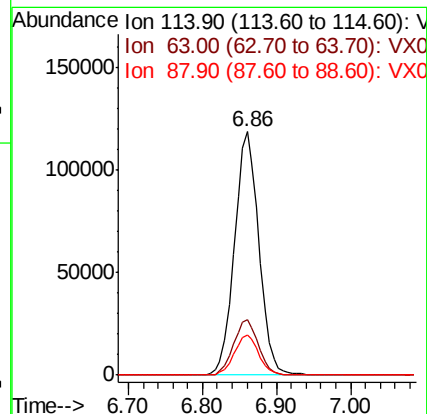
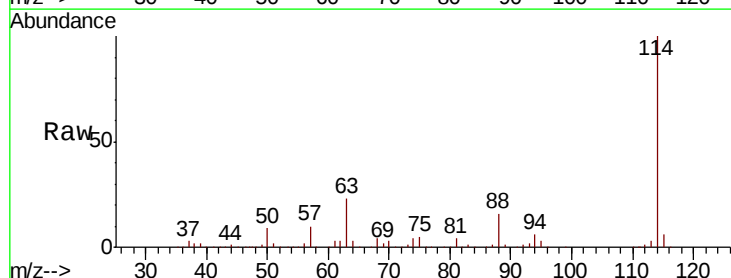
Tgt Ion: 114 Resp: 272169

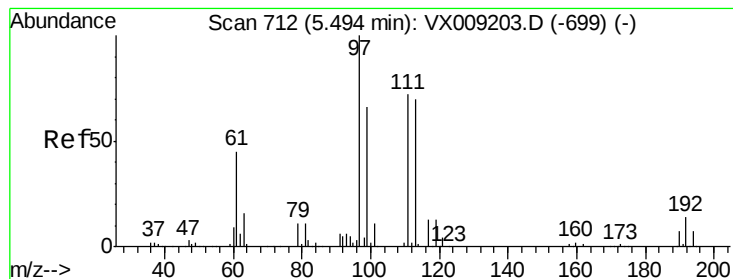
Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.6

88 16.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.705 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009728.D

Acq: 20 May 2019 16:03

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB202-TB-20190516

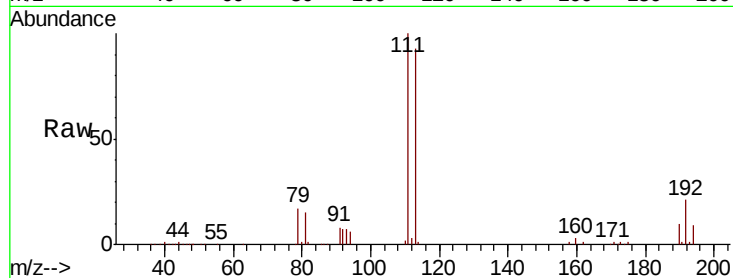
Tot Ion:113 Resp: 83332

Ion Ratio Lower Upper

113 100

111 102.2 82.8 124.2

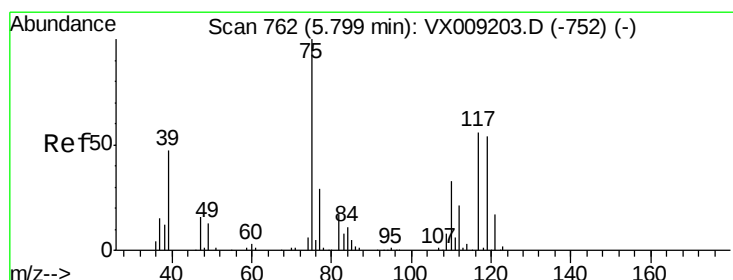
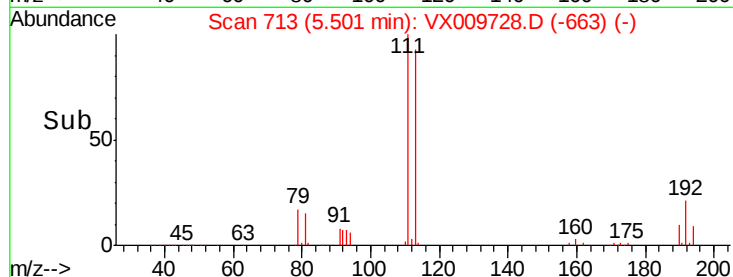
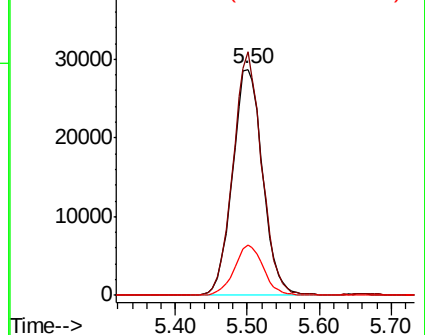
192 21.4 17.0 25.6



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: 5.401 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX009728.D

Acq: 20 May 2019 16:03

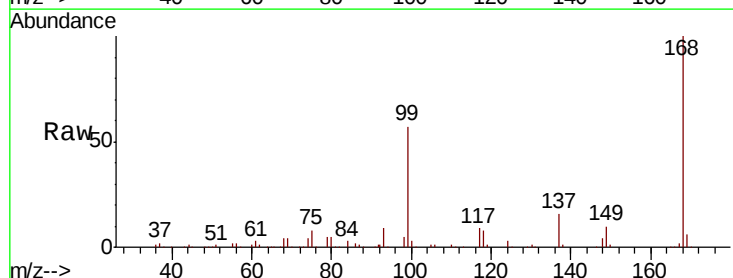
Tgt Ion: 75 Resp: 13660

Ion Ratio Lower Upper

75 100

110 8.6 16.9 50.6#

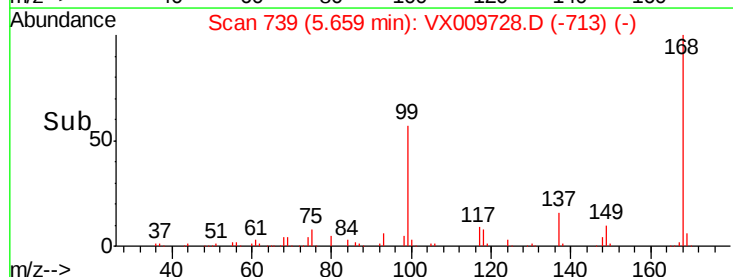
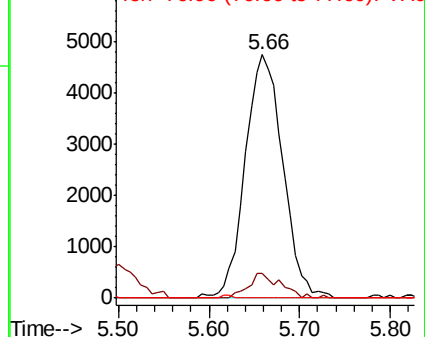
77 0.0 24.8 37.2#

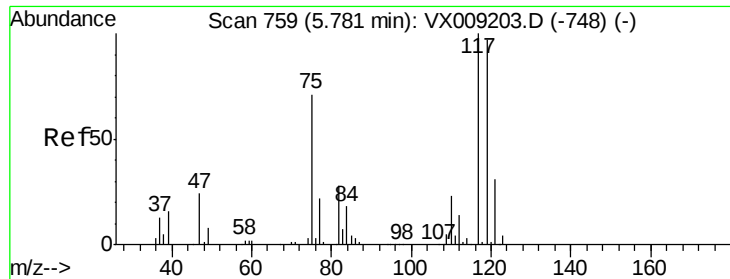


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

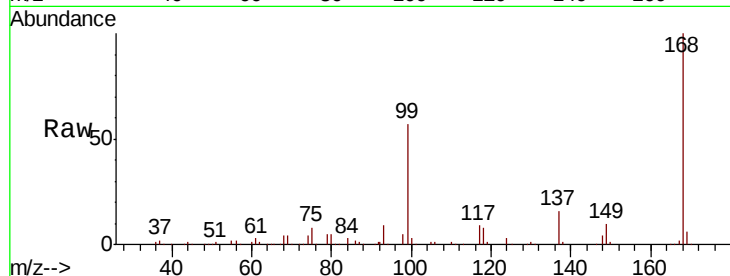




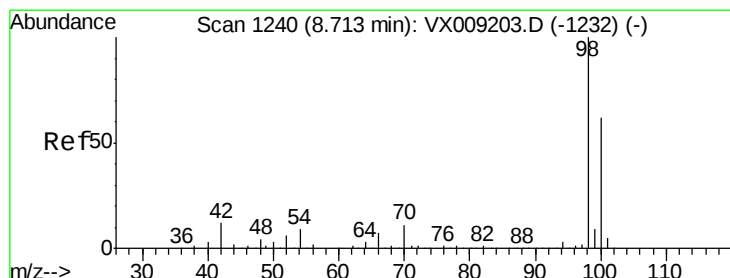
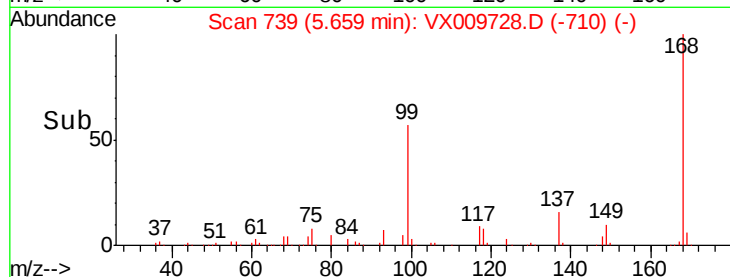
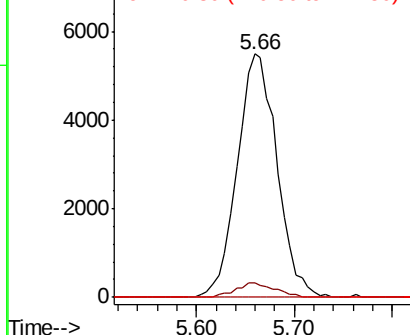
#38
Carbon Tetrachloride
Concen: 6.757 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX009728.D
Acq: 20 May 2019 16:03

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-TB-20190516

Tot Ion:117 Resp: 15527
Ion Ratio Lower Upper
117 100
119 6.0 77.5 116.3#
121 0.0 24.7 37.1#

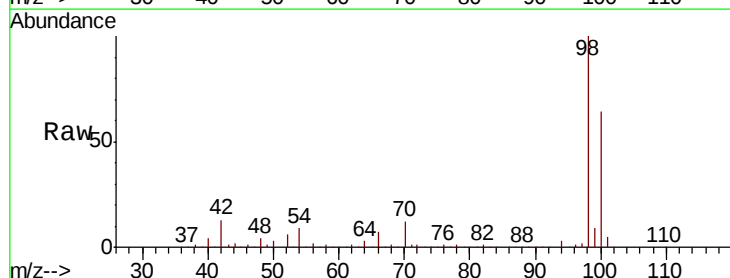


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

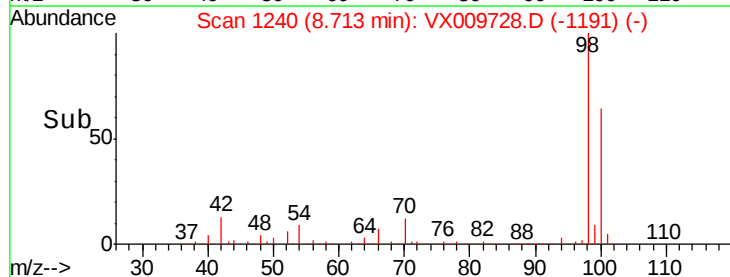
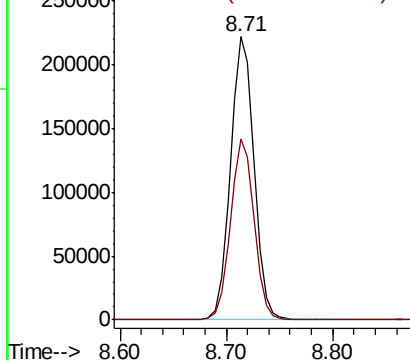


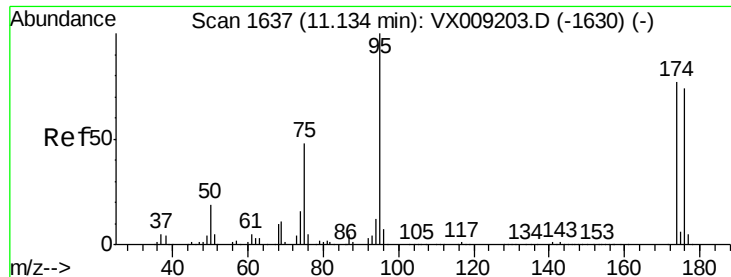
#50
Toluene-d8
Concen: 49.945 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009728.D
Acq: 20 May 2019 16:03

Tgt Ion: 98 Resp: 344996
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): V

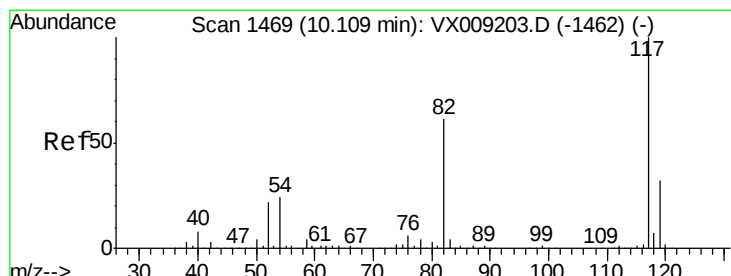
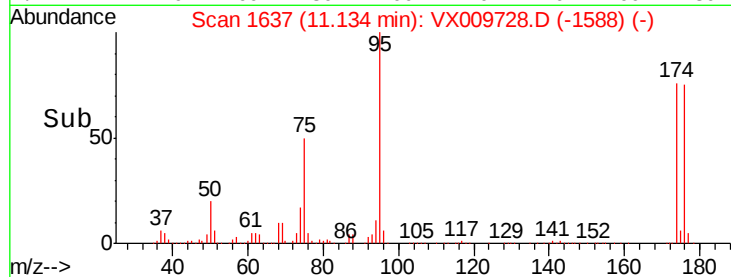
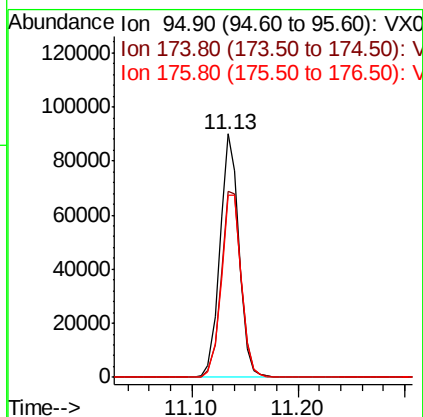
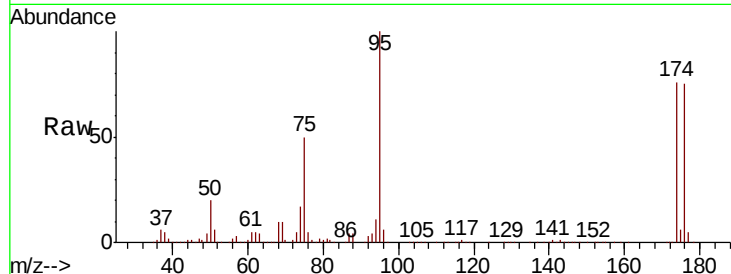




#62
4-Bromofluorobenzene
Concen: 44.588 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009728.D
Acq: 20 May 2019 16:03

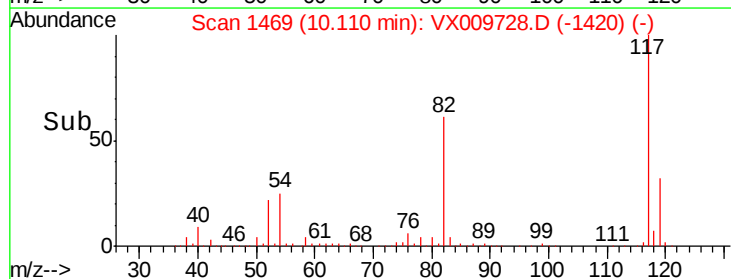
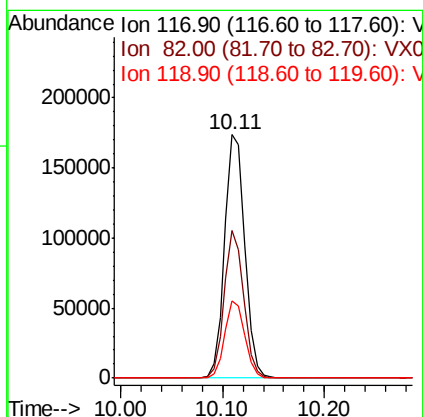
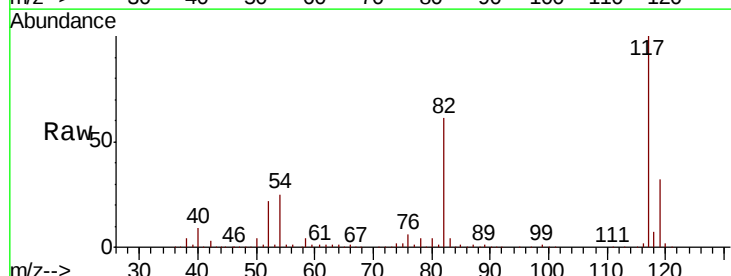
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-TB-20190516

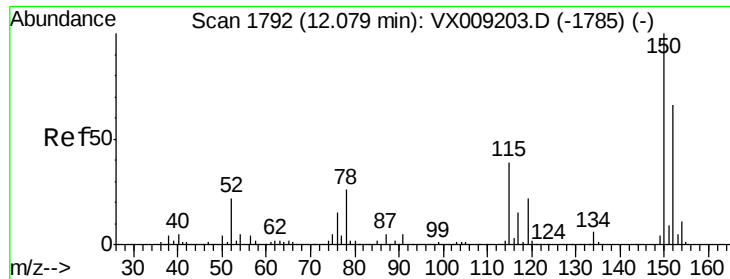
Tot Ion: 95 Resp: 111915
Ion Ratio Lower Upper
95 100
174 80.3 0.0 161.6
176 78.9 0.0 159.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009728.D
Acq: 20 May 2019 16:03

Tgt Ion: 117 Resp: 239173
Ion Ratio Lower Upper
117 100
82 60.5 48.8 73.2
119 31.5 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009728.D

Acq: 20 May 2019 16:03

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB202-TB-20190516

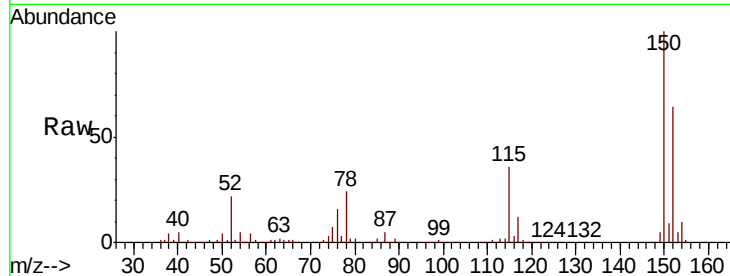
Tot Ion:152 Resp: 97260

Ion Ratio Lower Upper

152 100

115 58.8 41.2 123.6

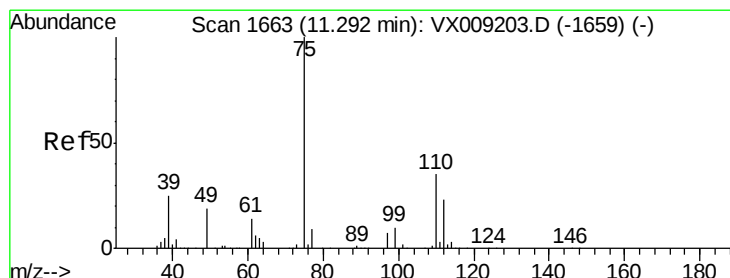
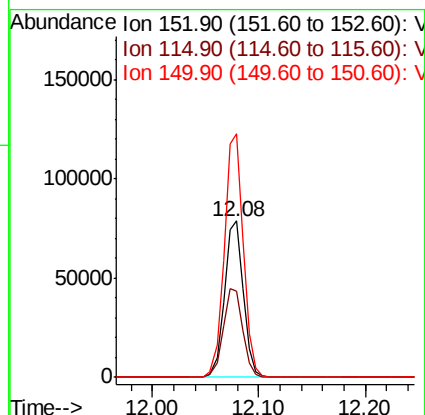
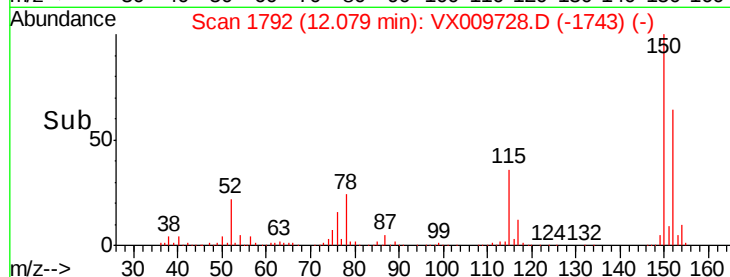
150 156.6 0.0 346.4



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



#76

1,2,3-Trichloropropane

Concen: 25.235 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009728.D

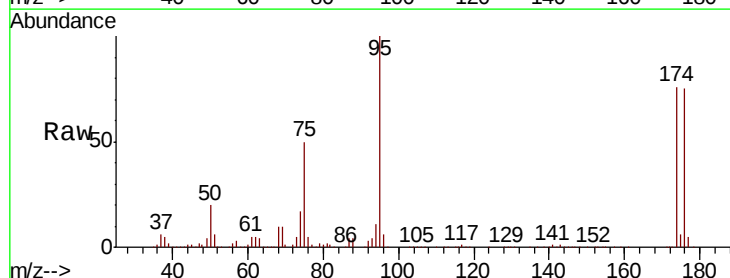
Acq: 20 May 2019 16:03

Tgt Ion: 75 Resp: 56932

Ion Ratio Lower Upper

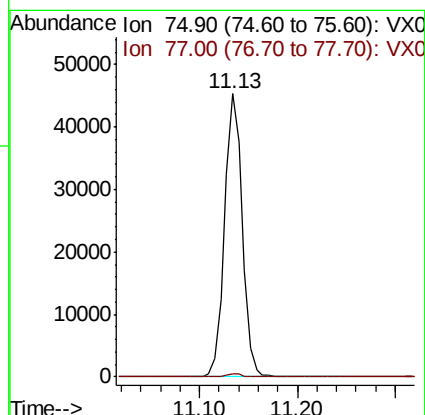
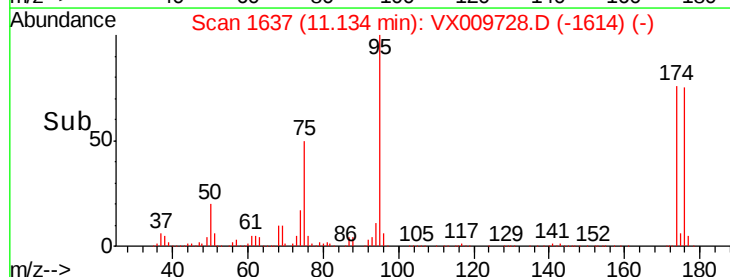
75 100

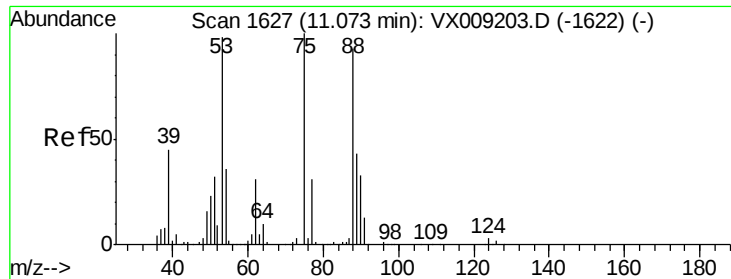
77 1.3 22.1 66.1#



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: 64.567 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009728.D

Acq: 20 May 2019 16:03

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB202-TB-20190516

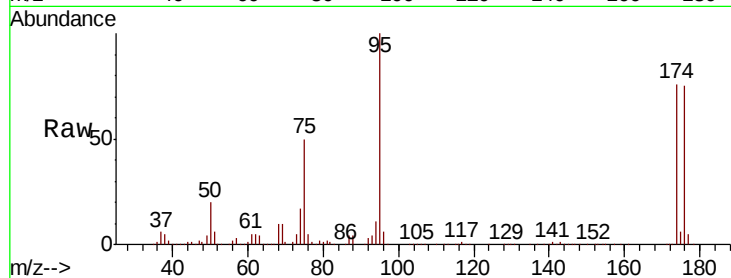
Tot Ion: 75 Resp: 56932

Ion Ratio Lower Upper

75 100

53 0.1 79.0 118.6#

89 0.0 34.7 52.1#



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

