

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030419\
 Data File : VX007815.D
 Acq On : 04 Mar 2019 17:15
 Operator : JC/SP
 Sample : K1719-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-DUP-20190227

Quant Time: Mar 04 22:02:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	347031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	539960	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	497424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	235322	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	189434	44.07	ug/l	0.00
Spiked Amount			Recovery	=	88.14%	
35) Dibromofluoromethane	5.51	113	173045	47.94	ug/l	0.00
Spiked Amount			Recovery	=	95.88%	
50) Toluene-d8	8.71	98	647667	46.87	ug/l	0.00
Spiked Amount			Recovery	=	93.74%	
62) 4-Bromofluorobenzene	11.13	95	232005	45.74	ug/l	0.00
Spiked Amount			Recovery	=	91.48%	

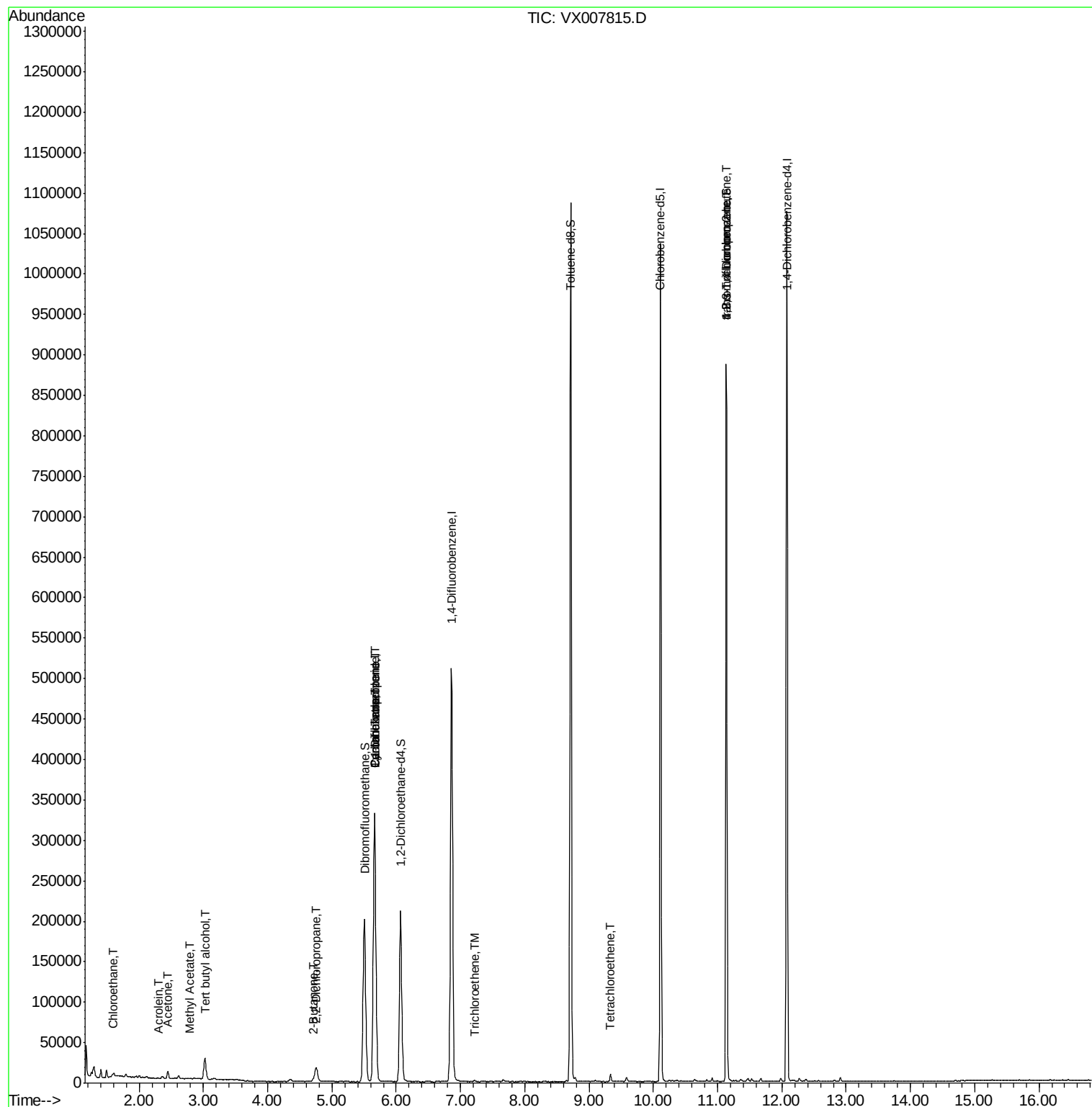
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	290	Below Cal	#	75
6) Chloroethane	1.59	64	5847	2.518	ug/l #	61
11) Tert butyl alcohol	3.03	59	16049	19.678	ug/l #	80
13) Acrolein	2.31	56	249	0.344	ug/l #	24
16) Acetone	2.45	43	9562	5.002	ug/l	98
18) Methyl Acetate	2.78	43	1277	0.306	ug/l #	85
25) 2-Butanone	4.70	43	4175	1.434	ug/l #	89
26) 2,2-Dichloropropane	4.76	77	1497	0.295	ug/l #	51
31) Cyclohexane	5.66	56	5218	0.874	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	21683	4.467	ug/l #	47
38) Carbon Tetrachloride	5.67	117	29177	5.983	ug/l #	17
44) Trichloroethene	7.21	130	828	0.201	ug/l	95
64) Tetrachloroethene	9.34	164	1794	0.444	ug/l	97
76) 1,2,3-Trichloropropane	11.13	75	106278	21.188	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	106278	56.369	ug/l #	9

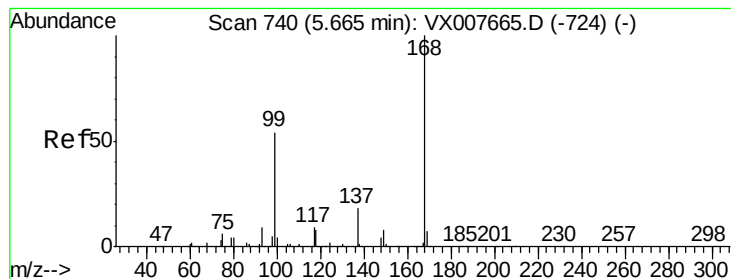
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX030419\
Data File : VX007815.D
Acq On : 04 Mar 2019 17:15
Operator : JC/SP
Sample : K1719-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-DUP-20190227

Quant Time: Mar 04 22:02:34 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007815.D

Acq: 04 Mar 2019 17:15

Instrument :

MSVOA_X

ClientSampleId :

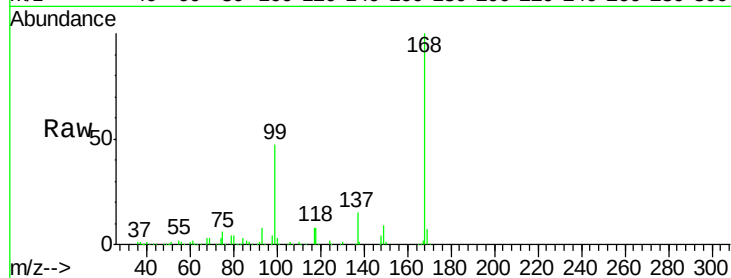
BP-VPB201-DUP-20190227

Tot Ion:168 Resp: 347031

Ion Ratio Lower Upper

168 100

99 47.4 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

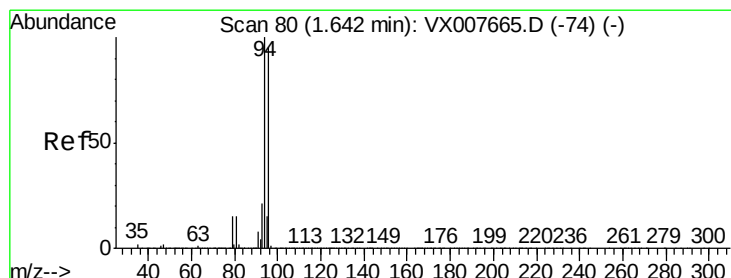
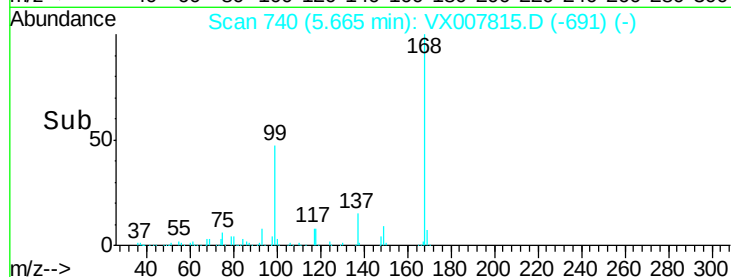
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX007815.D

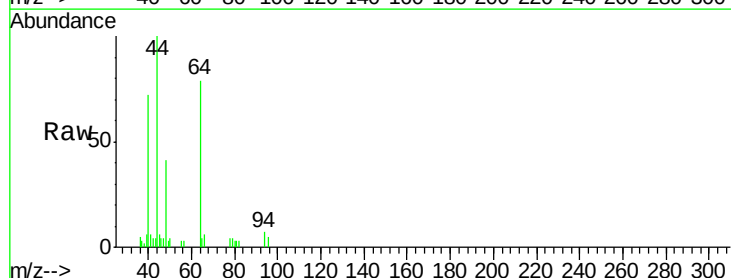
Acq: 04 Mar 2019 17:15

Tgt Ion: 94 Resp: 290

Ion Ratio Lower Upper

94 100

96 68.2 73.9 110.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

200

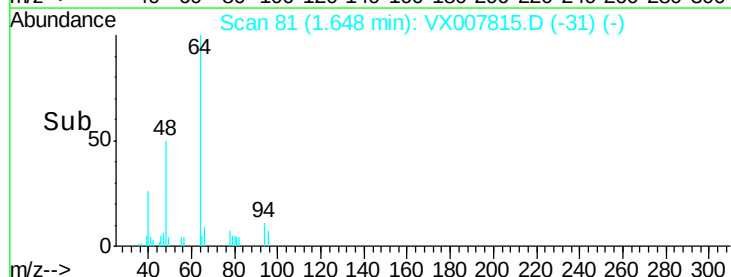
150

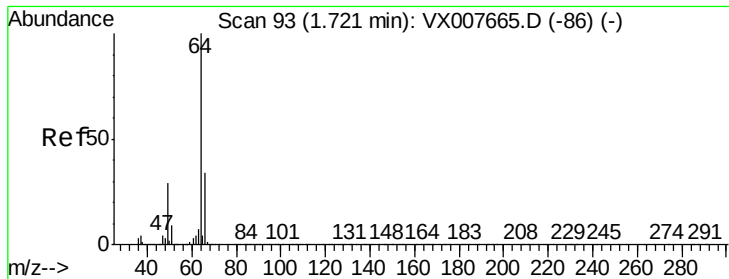
100

50

0

Time--> 1.60 1.62 1.64 1.66 1.68





#6

Chloroethane

Concen: 2.518 ug/l

RT: 1.59 min Scan# 72

Delta R.T. -0.13 min

Lab File: VX007815.D

Acq: 04 Mar 2019 17:15

Instrument :

MSVOA_X

ClientSampleId :

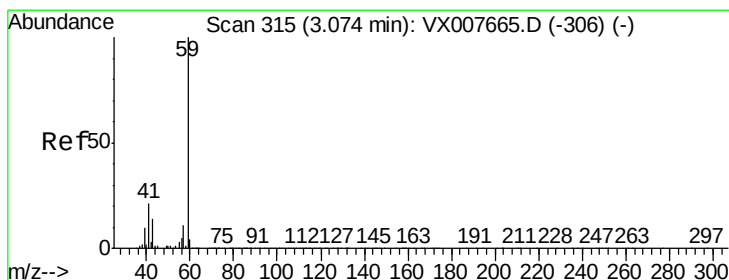
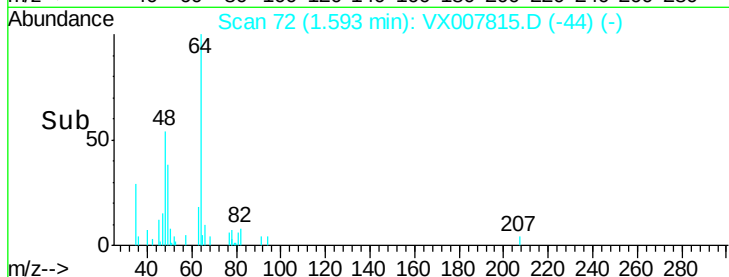
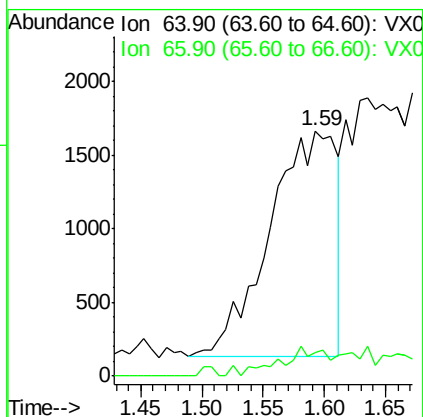
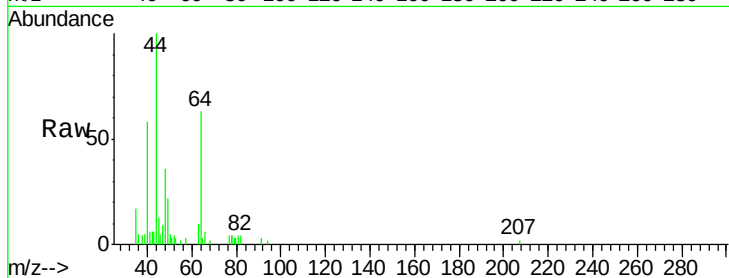
BP-VPB201-DUP-20190227

Tot Ion: 64 Resp: 5847

Ion Ratio Lower Upper

64 100

66 10.2 25.5 38.3#



#11

Tert butyl alcohol

Concen: 19.678 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.05 min

Lab File: VX007815.D

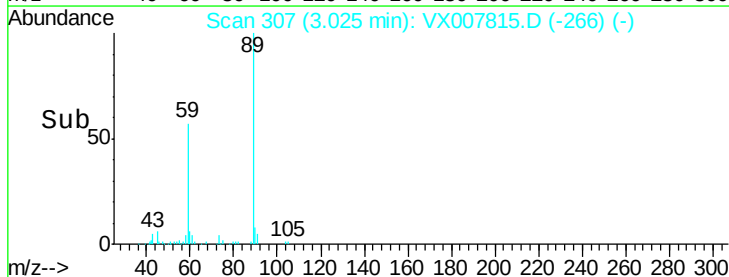
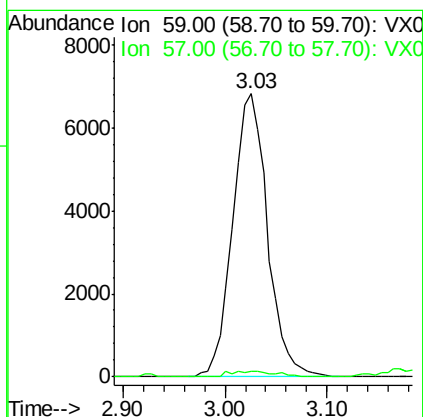
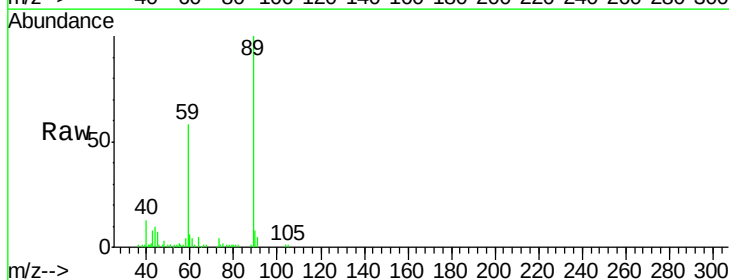
Acq: 04 Mar 2019 17:15

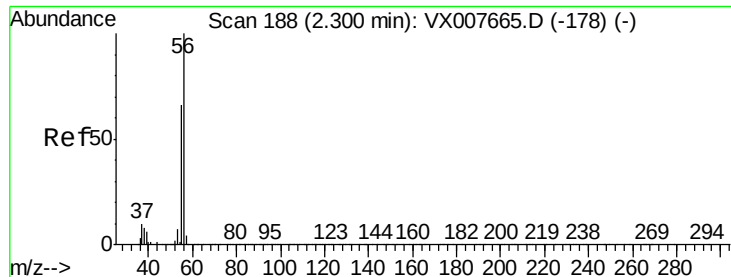
Tgt Ion: 59 Resp: 16049

Ion Ratio Lower Upper

59 100

57 2.6 8.1 12.1#





#13

Acrolein

Concen: 0.344 ug/l

RT: 2.31 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX007815.D

Acq: 04 Mar 2019 17:15

Instrument :

MSVOA_X

ClientSampleId :

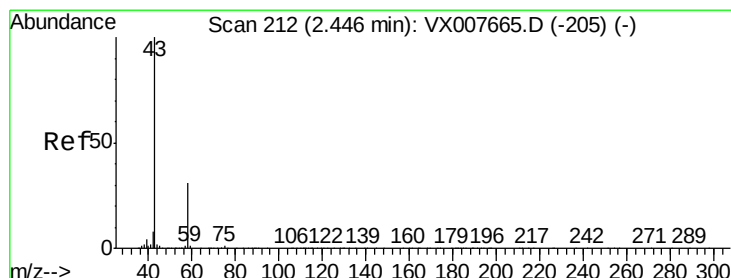
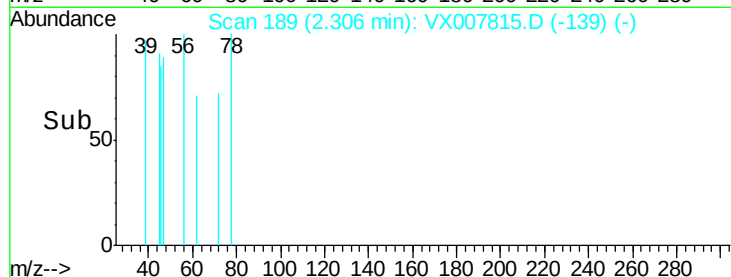
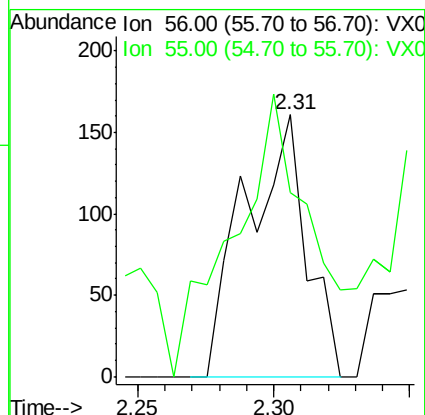
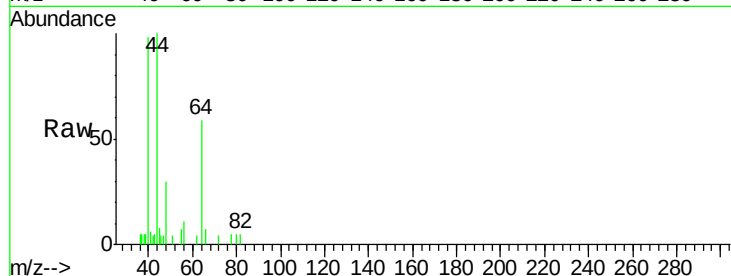
BP-VPB201-DUP-20190227

Tot Ion: 56 Resp: 249

Ion Ratio Lower Upper

56 100

55 133.7 56.9 85.3#



#16

Acetone

Concen: 5.002 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007815.D

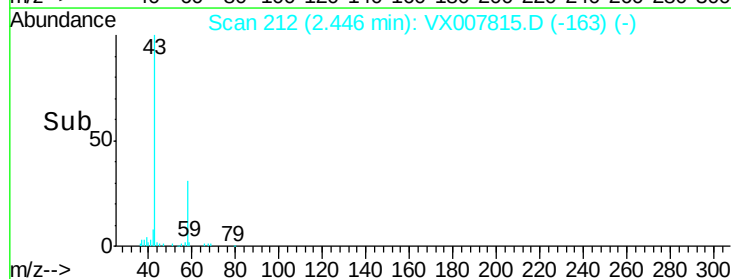
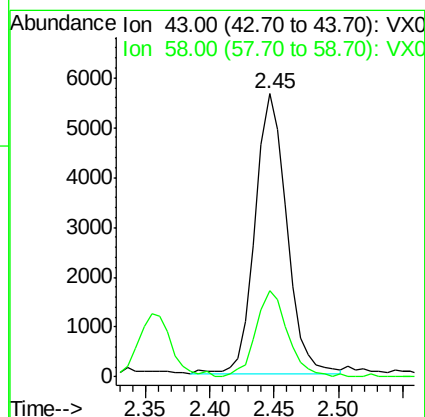
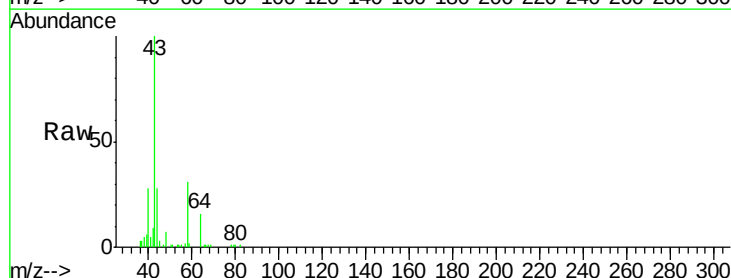
Acq: 04 Mar 2019 17:15

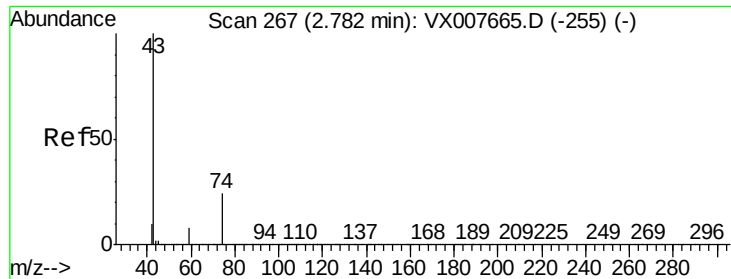
Tgt Ion: 43 Resp: 9562

Ion Ratio Lower Upper

43 100

58 30.0 24.9 37.3

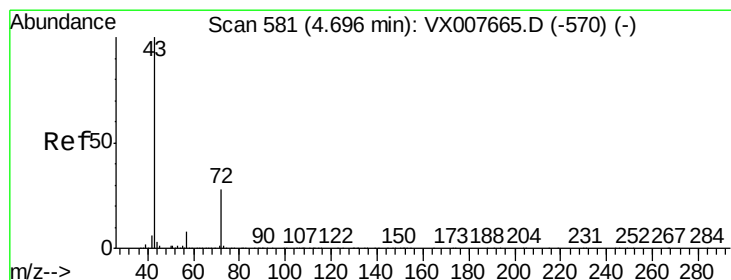
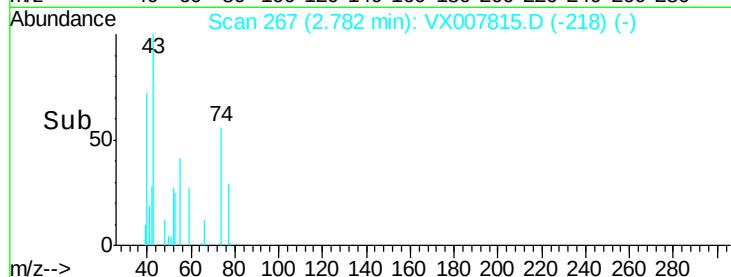
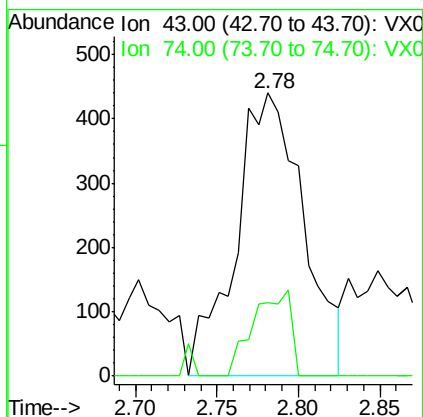
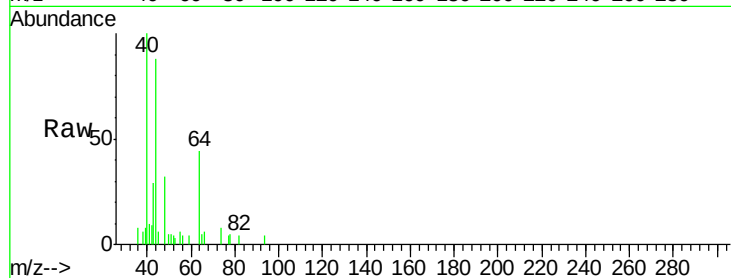




#18
Methvl Acetate
Concen: 0.306 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007815.D
Acq: 04 Mar 2019 17:15

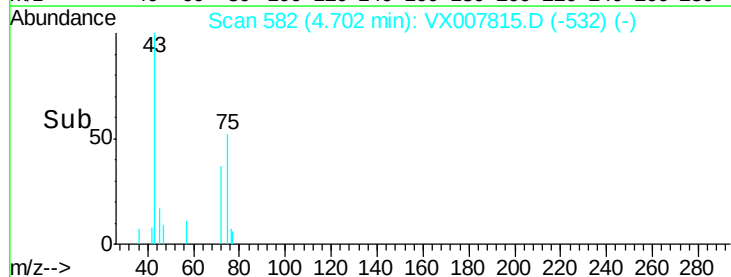
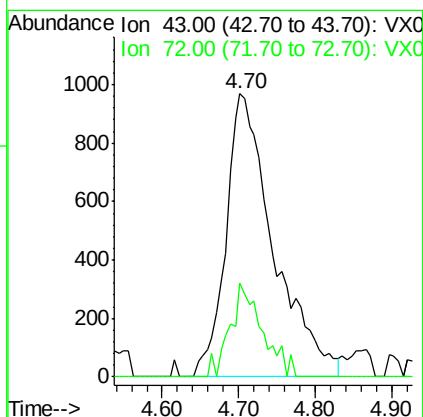
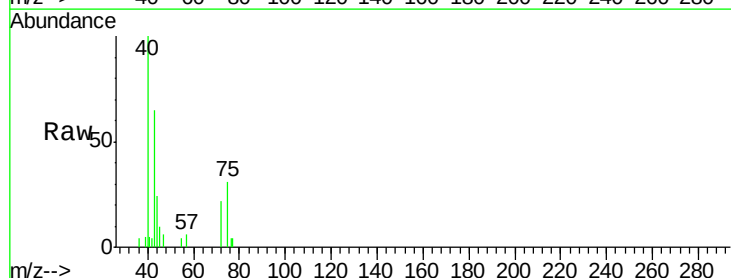
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-DUP-20190227

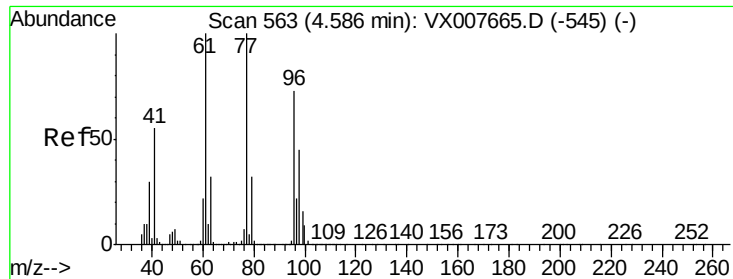
Tot Ion: 43 Resp: 1277
Ion Ratio Lower Upper
43 100
74 16.8 19.4 29.2#



#25
2-Butanone
Concen: 1.434 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX007815.D
Acq: 04 Mar 2019 17:15

Tgt Ion: 43 Resp: 4175
Ion Ratio Lower Upper
43 100
72 33.4 22.2 33.2#

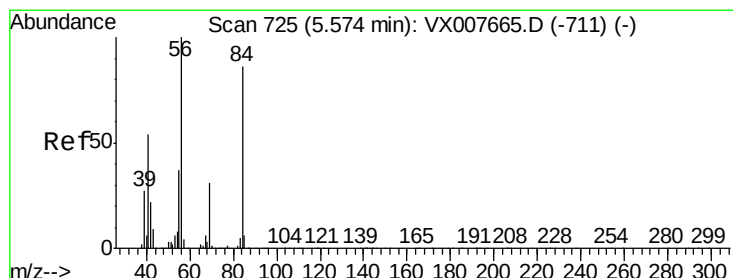
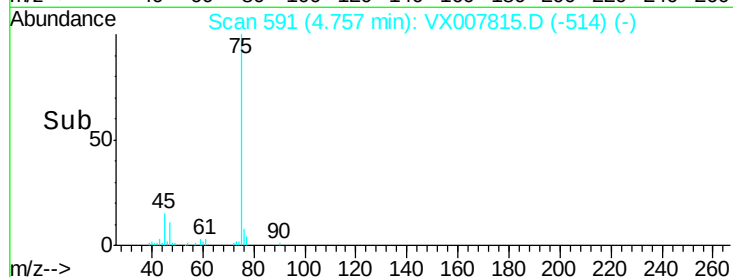
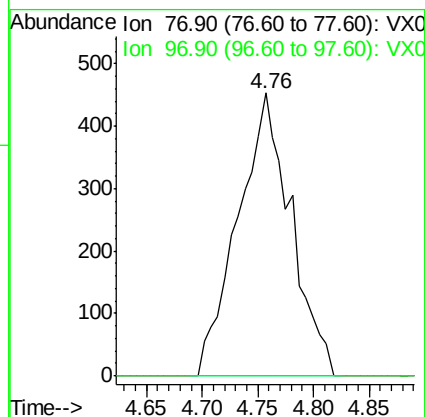
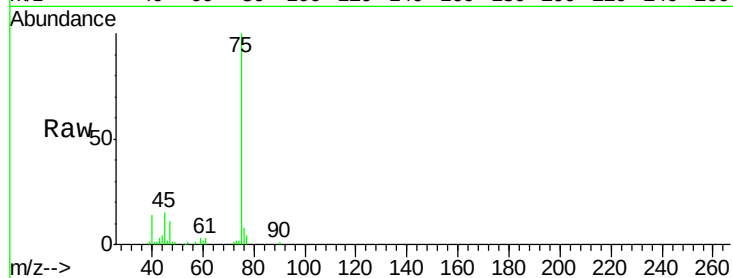




#26
2,2-Dichloropropane
Concen: 0.295 ug/l
RT: 4.76 min Scan# 591
Delta R.T. 0.17 min
Lab File: VX007815.D
Acq: 04 Mar 2019 17:15

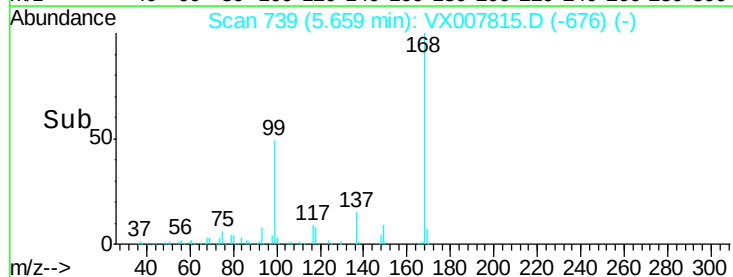
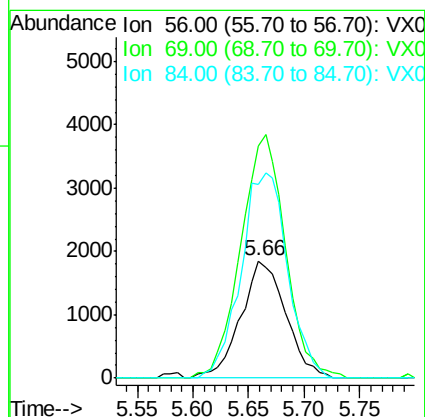
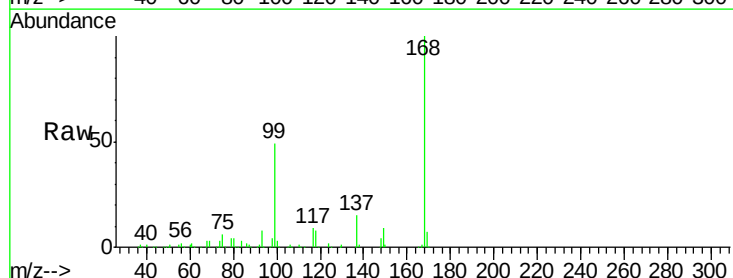
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-DUP-20190227

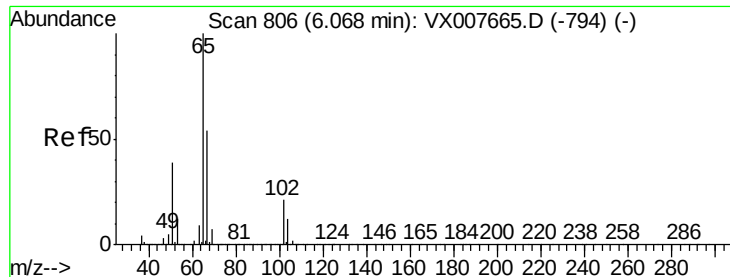
Tot Ion: 77 Resp: 1497
Ion Ratio Lower Upper
77 100
97 0.0 12.1 36.3#



#31
Cyclohexane
Concen: 0.874 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX007815.D
Acq: 04 Mar 2019 17:15

Tgt Ion: 56 Resp: 5218
Ion Ratio Lower Upper
56 100
69 197.9 23.0 34.6#
84 165.6 69.8 104.6#

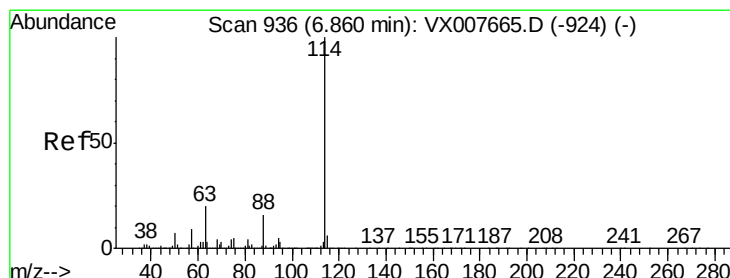
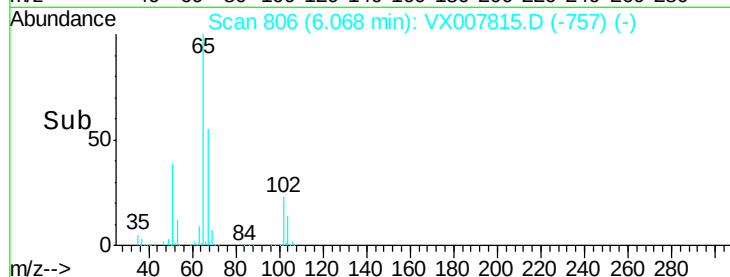
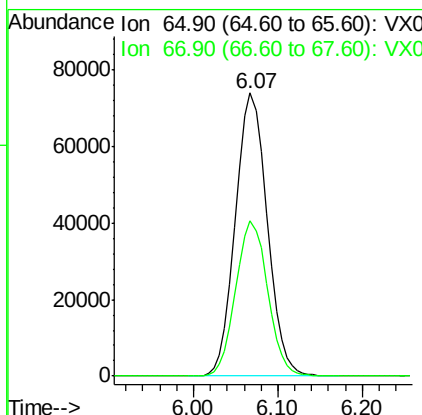
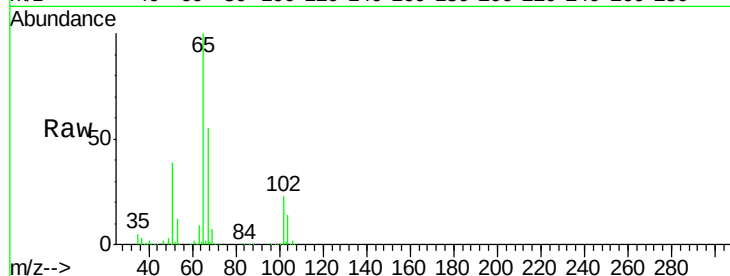




#33
 1,2-Dichloroethane-d4
 Concen: 44.069 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007815.D
 Acq: 04 Mar 2019 17:15

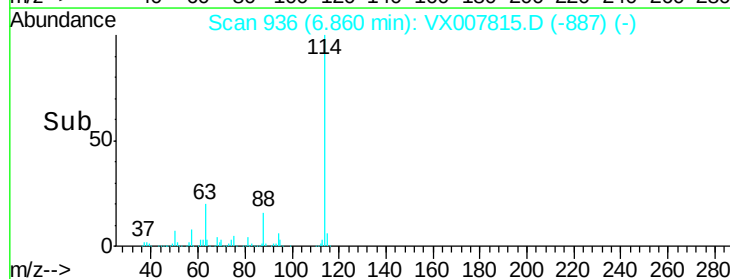
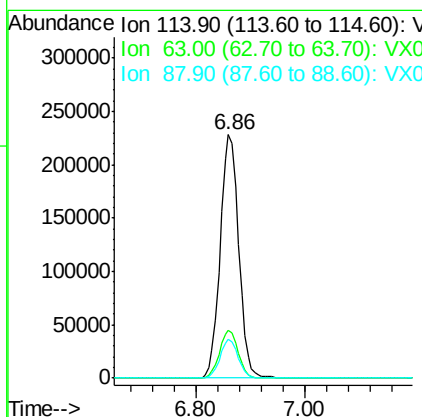
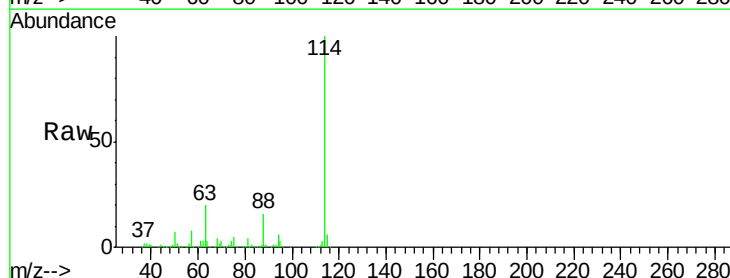
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-DUP-20190227

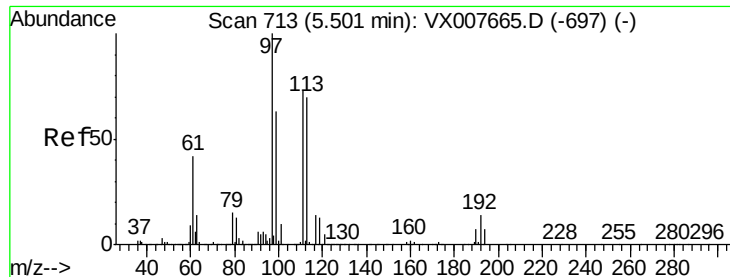
Tot Ion: 65 Resp: 189434
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007815.D
 Acq: 04 Mar 2019 17:15

Tgt Ion: 114 Resp: 539960
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 35.6
 88 15.7 0.0 29.6





#35

Dibromofluoromethane

Concen: 47.942 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007815.D

Acq: 04 Mar 2019 17:15

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-DUP-20190227

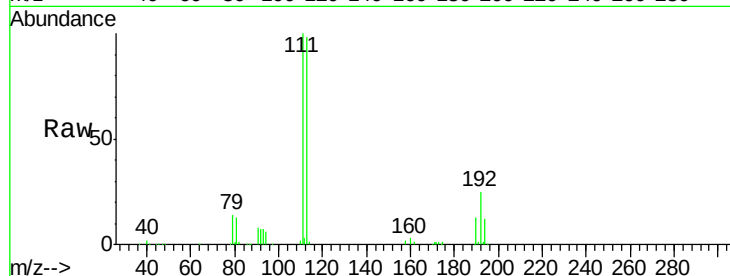
Tot Ion:113 Resp: 173045

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.8

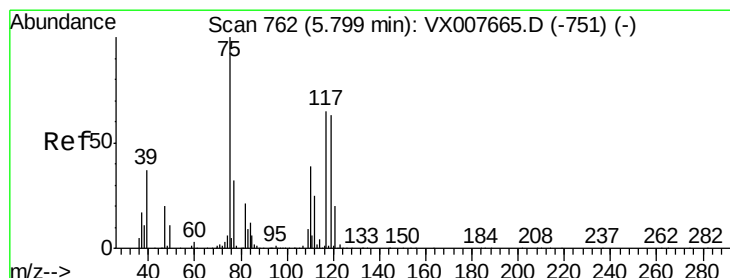
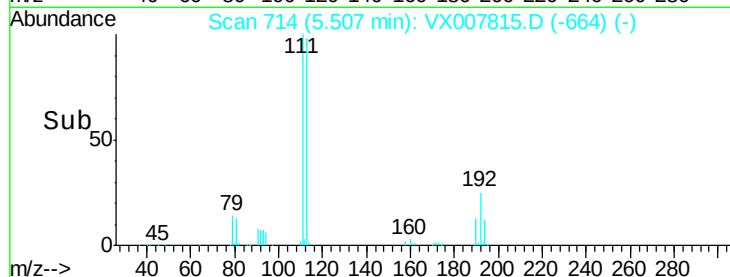
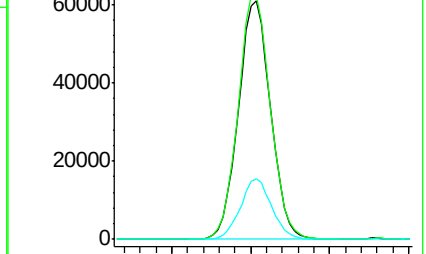
192 24.7 18.5 27.7



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: 4.467 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007815.D

Acq: 04 Mar 2019 17:15

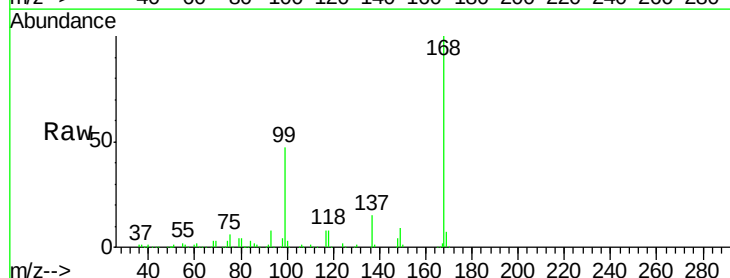
Tgt Ion: 75 Resp: 21683

Ion Ratio Lower Upper

75 100

110 9.0 20.0 59.9#

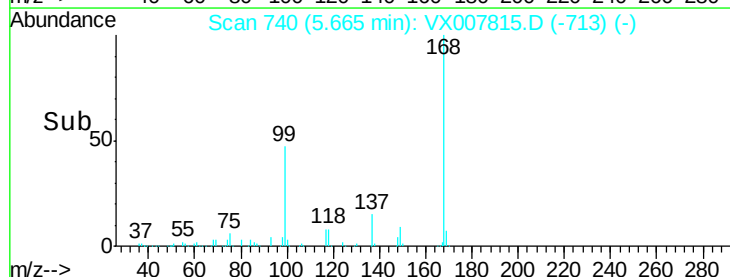
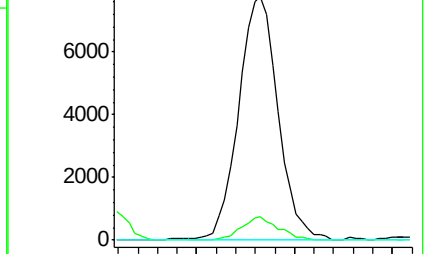
77 0.0 24.7 37.1#

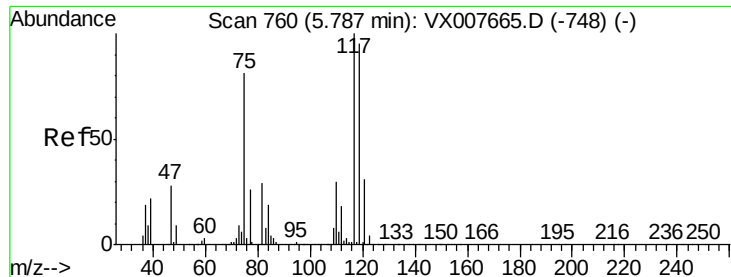


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.983 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007815.D

Acq: 04 Mar 2019 17:15

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-DUP-20190227

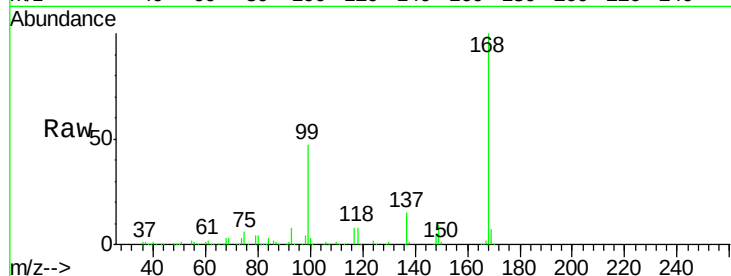
Tot Ion:117 Resp: 29177

Ion Ratio Lower Upper

117 100

119 5.9 75.3 112.9#

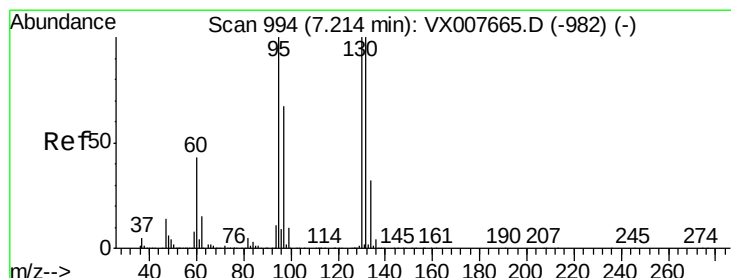
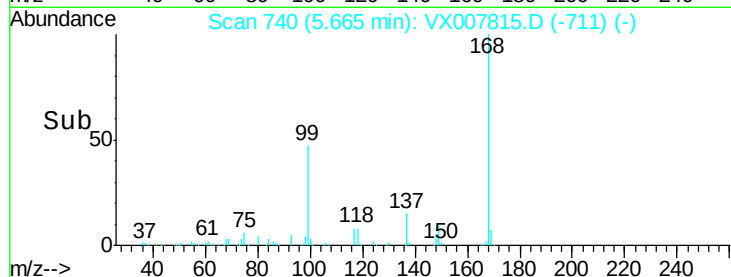
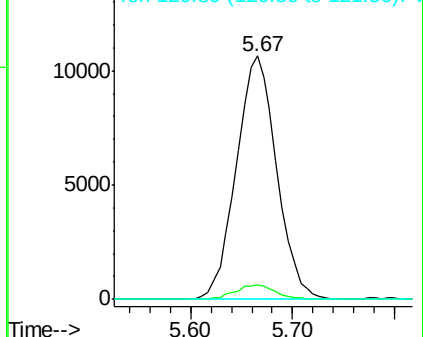
121 0.0 25.0 37.4#



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



#44

Trichloroethene

Concen: 0.201 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007815.D

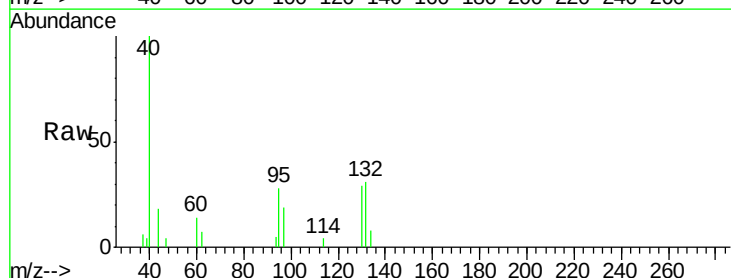
Acq: 04 Mar 2019 17:15

Tgt Ion:130 Resp: 828

Ion Ratio Lower Upper

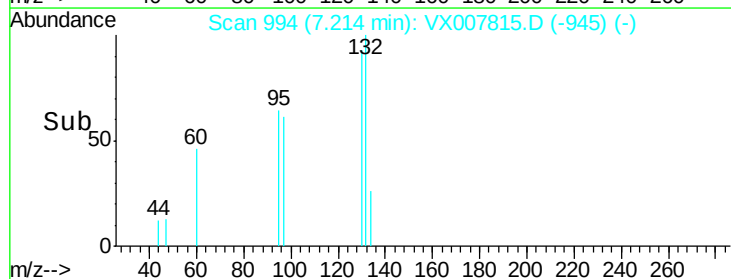
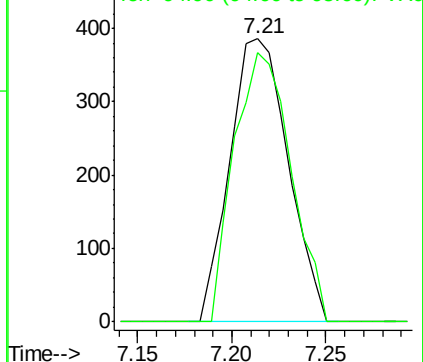
130 100

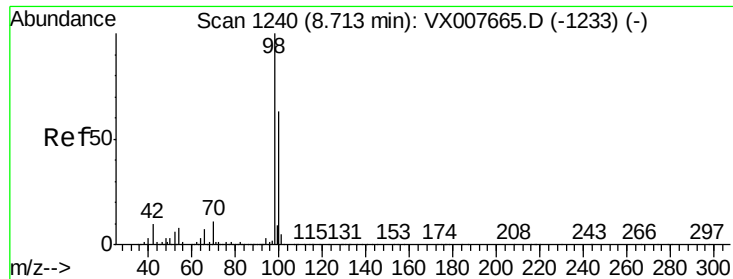
95 95.1 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

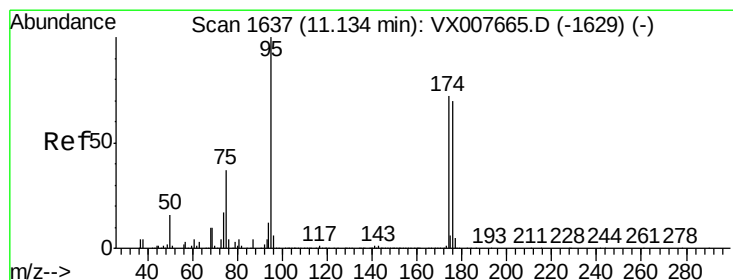
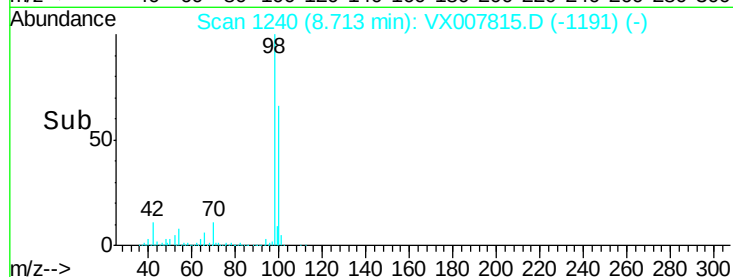
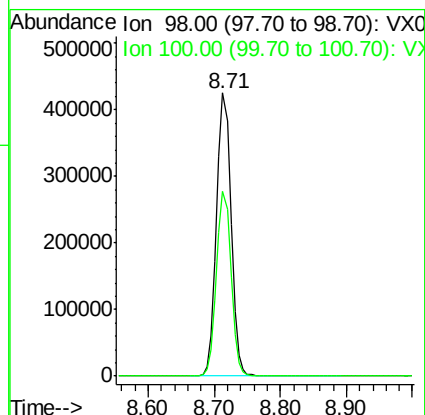
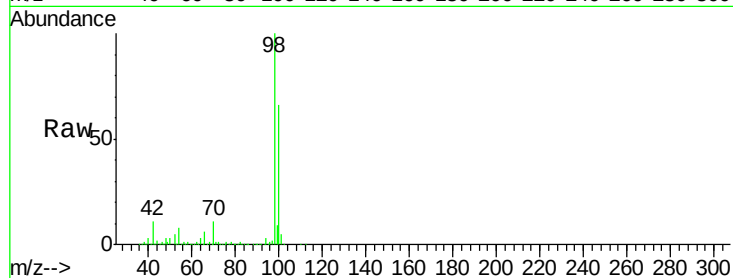




#50
Toluene-d8
Concen: 46.870 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007815.D
Acq: 04 Mar 2019 17:15

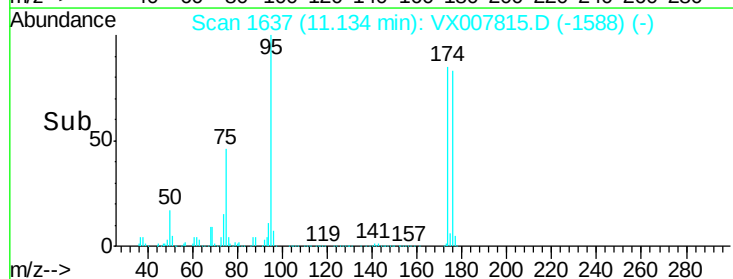
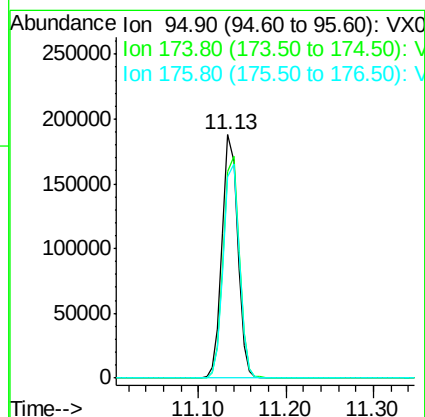
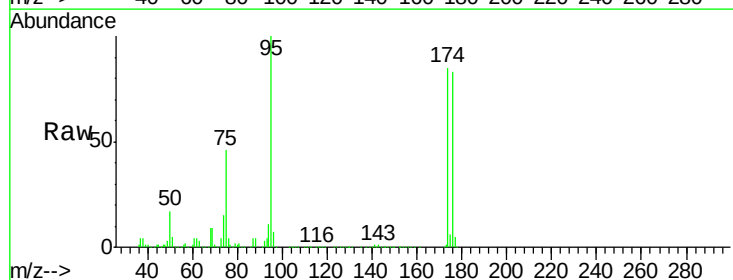
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-DUP-20190227

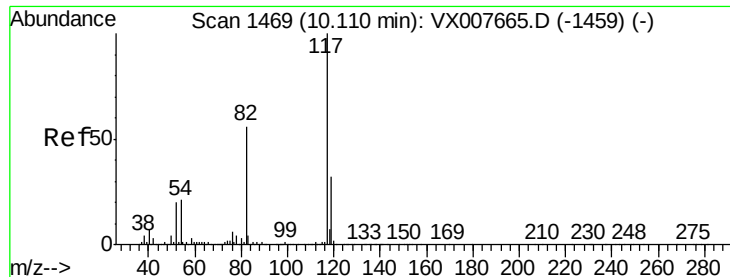
Tot Ion: 98 Resp: 647667
Ion Ratio Lower Upper
98 100
100 65.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 45.744 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007815.D
Acq: 04 Mar 2019 17:15

Tgt Ion: 95 Resp: 232005
Ion Ratio Lower Upper
95 100
174 93.1 0.0 189.2
176 90.0 0.0 186.2

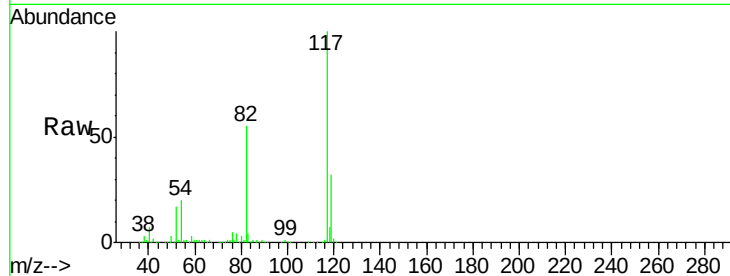




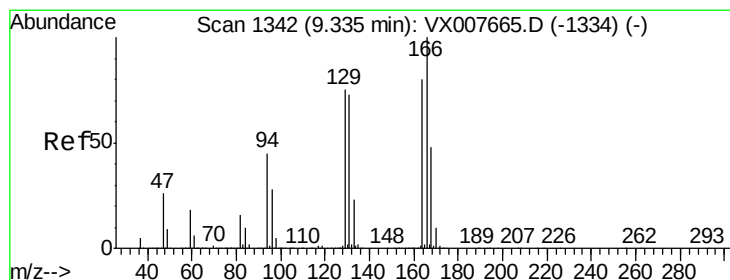
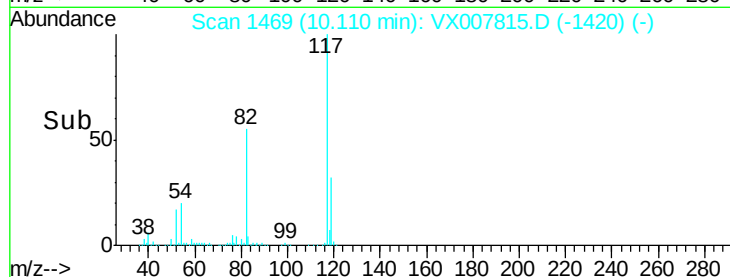
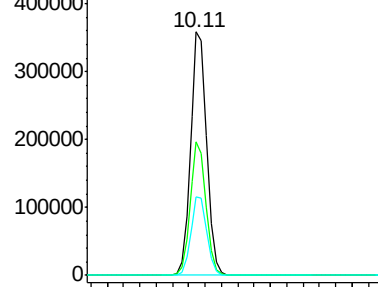
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007815.D
Acq: 04 Mar 2019 17:15

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-DUP-20190227

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	42.1	63.1
119	32.4	26.5	39.7



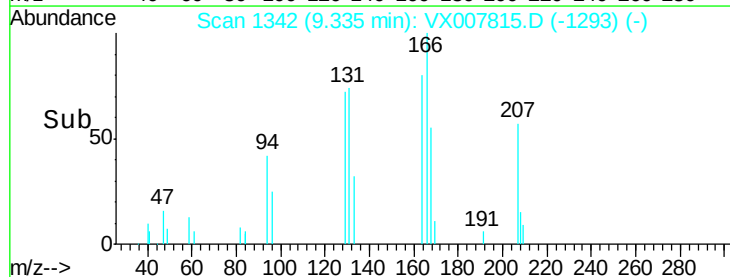
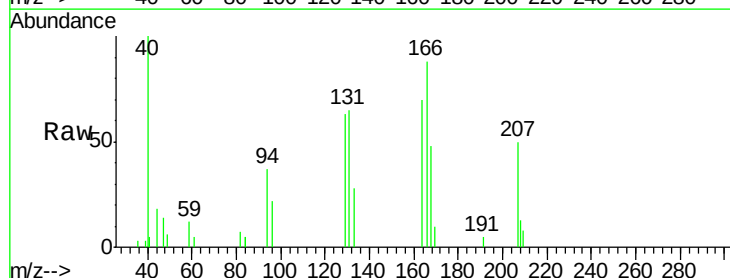
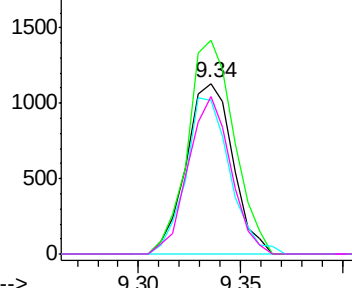
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

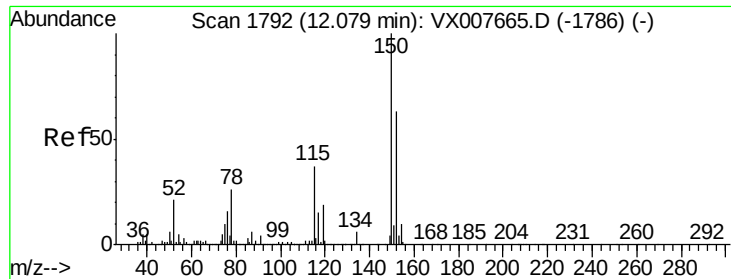


#64
Tetrachloroethene
Concen: 0.444 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007815.D
Acq: 04 Mar 2019 17:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.2	101.0	151.4
129	90.5	70.5	105.7
131	92.4	69.8	104.6

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

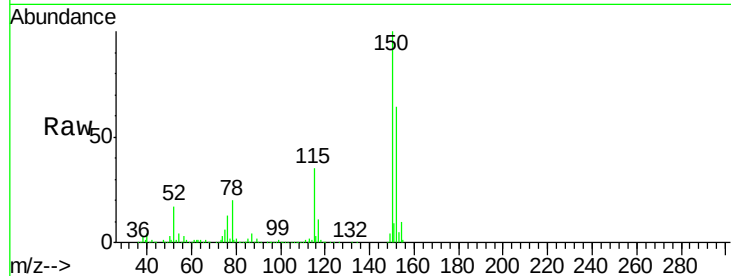




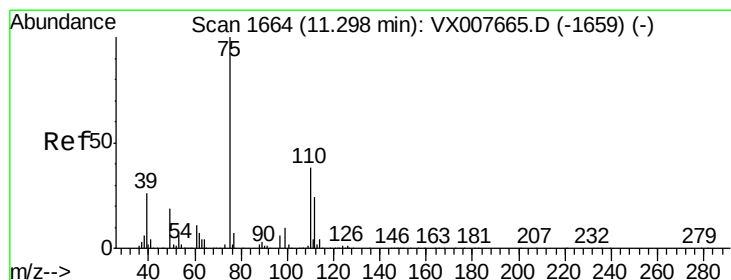
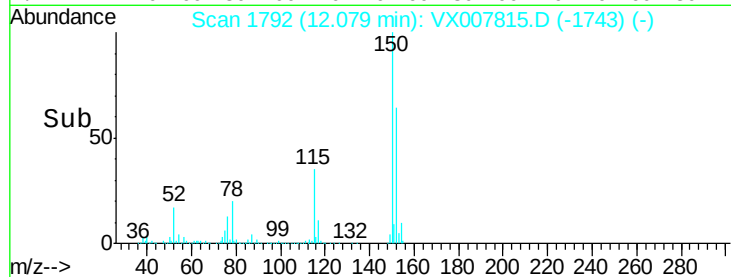
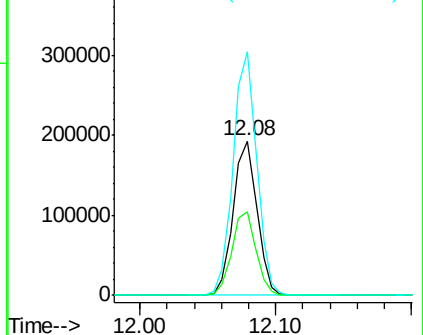
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX007815.D
 Acq: 04 Mar 2019 17:15

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-DUP-20190227

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.0	38.0	114.0
150	156.9	0.0	346.4

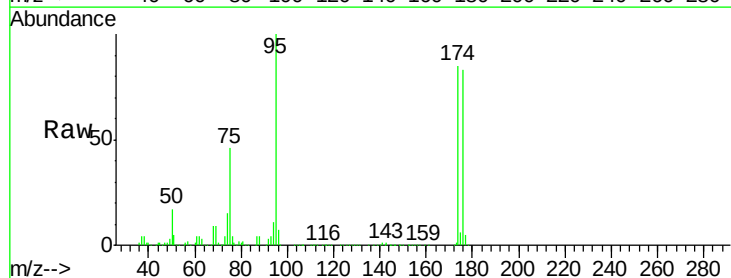


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

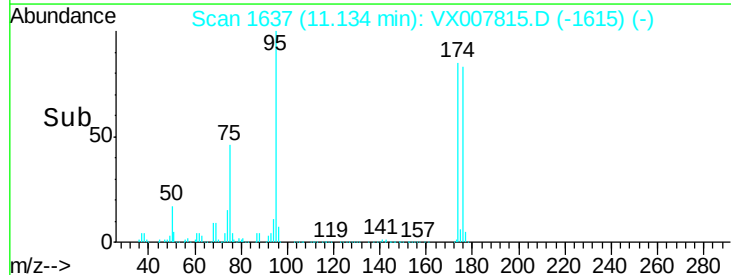
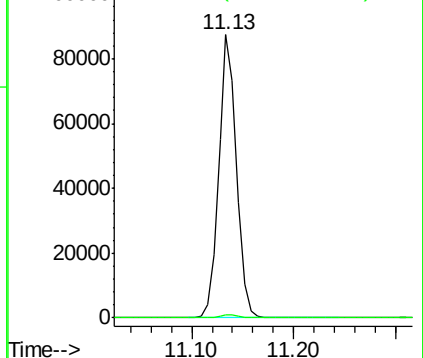


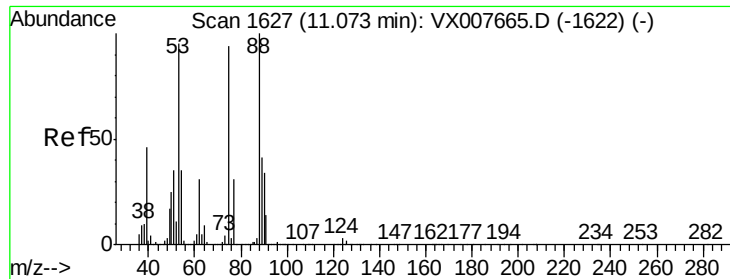
#76
 1,2,3-Trichloropropane
 Concen: 21.188 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX007815.D
 Acq: 04 Mar 2019 17:15

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	23.0	69.0#



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: 56.369 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007815.D

Acq: 04 Mar 2019 17:15

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-DUP-20190227

Tot Ion: 75 Resp: 106278

Ion Ratio Lower Upper

75 100

53 0.1 81.0 121.6#

89 0.0 41.4 62.0#

