

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\
 Data File : VX008203.D
 Acq On : 19 Mar 2019 20:34
 Operator : JC/SP
 Sample : K1882-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW305S-20190312

Quant Time: Mar 20 07:12:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	335393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	545610	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	459857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185301	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	234939	46.51	ug/l	0.00
Spiked Amount			Recovery	=	93.02%	
35) Dibromofluoromethane	5.50	113	170808	46.76	ug/l	0.00
Spiked Amount			Recovery	=	93.52%	
50) Toluene-d8	8.71	98	676238	48.83	ug/l	0.00
Spiked Amount			Recovery	=	97.66%	
62) 4-Bromofluorobenzene	11.13	95	215680	45.23	ug/l	0.00
Spiked Amount			Recovery	=	90.46%	

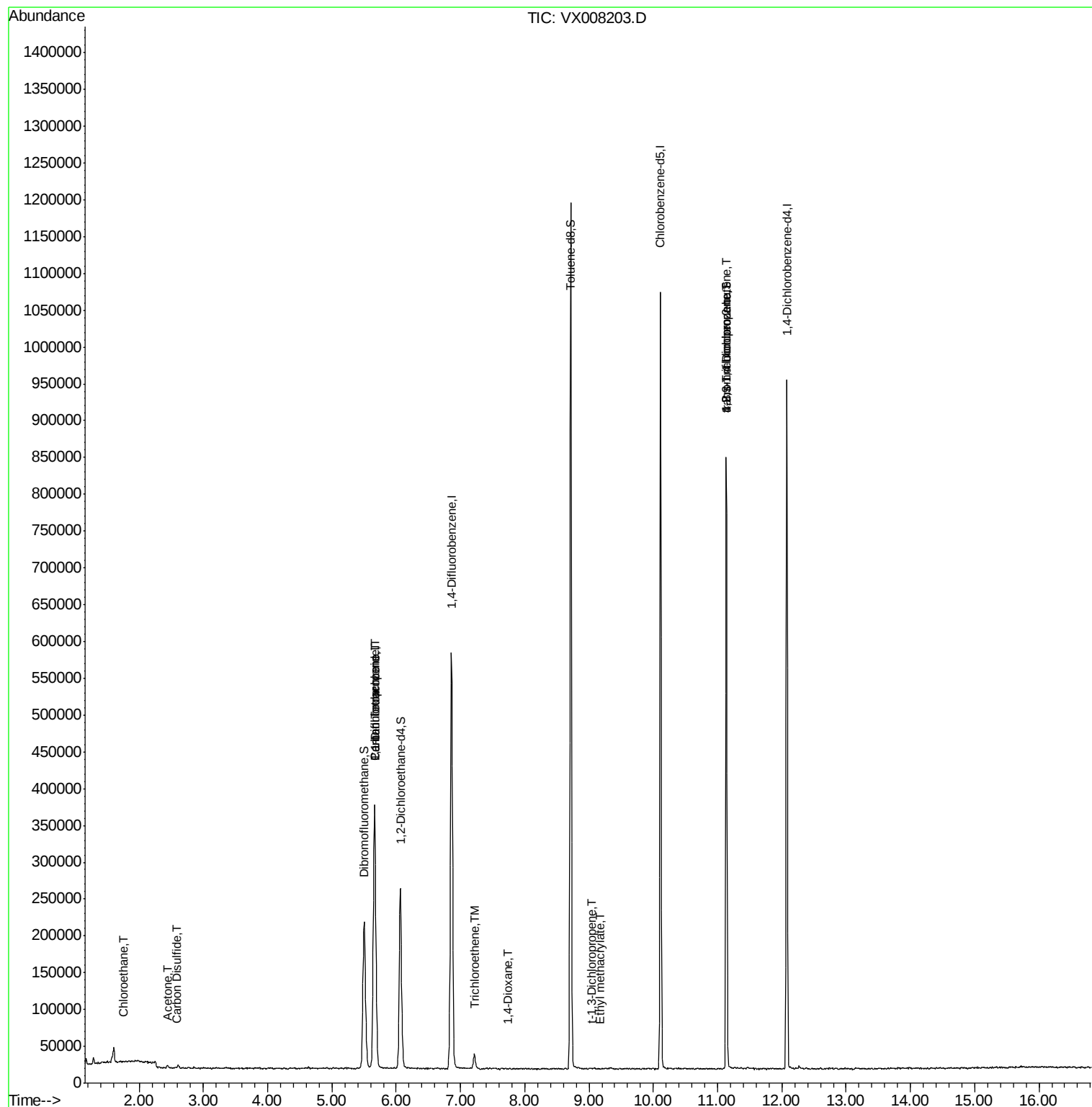
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.75	64	3019	0.946	ug/l #	43
13) Acrolein	2.29	56	57	Below Cal	#	1
16) Acetone	2.45	43	5143	1.795	ug/l	97
17) Carbon Disulfide	2.58	76	1035	0.752	ug/l #	93
36) 1,1-Dichloropropene	5.67	75	28407	4.472	ug/l #	50
38) Carbon Tetrachloride	5.67	117	33302	5.884	ug/l #	17
44) Trichloroethene	7.21	130	7656	1.665	ug/l	98
49) 1,4-Dioxane	7.73	88	101	0.894	ug/l #	49
53) t-1,3-Dichloropropene	9.04	75	52	1.429	ug/l #	1
56) Ethyl methacrylate	9.18	69	212	0.552	ug/l #	34
76) 1,2,3-Trichloropropane	11.13	75	112475	21.581	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	112475	54.872	ug/l #	12

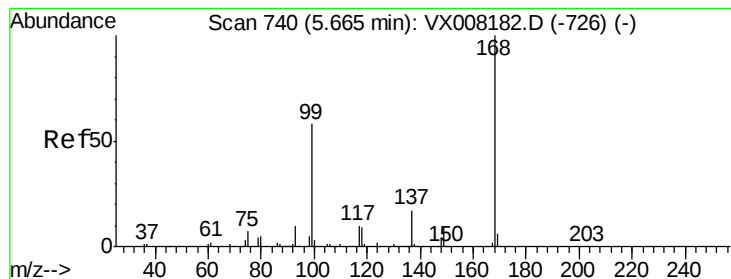
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 20 06:51:58 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: VX008203.D

Acq: 19 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

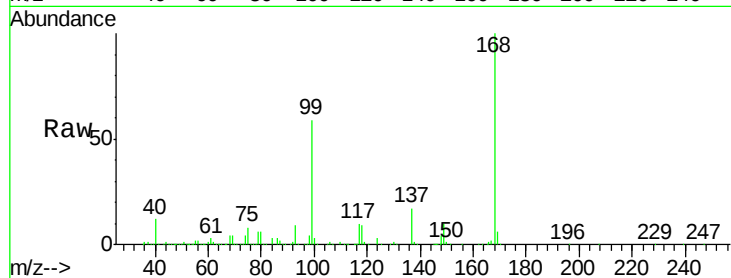
BPS1-TT-MW305S-20190312

Tot Ion:168 Resp: 335393

Ion Ratio Lower Upper

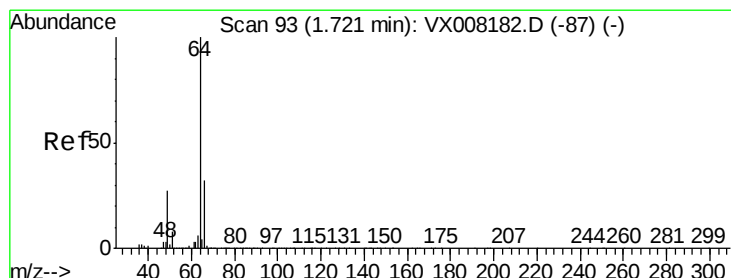
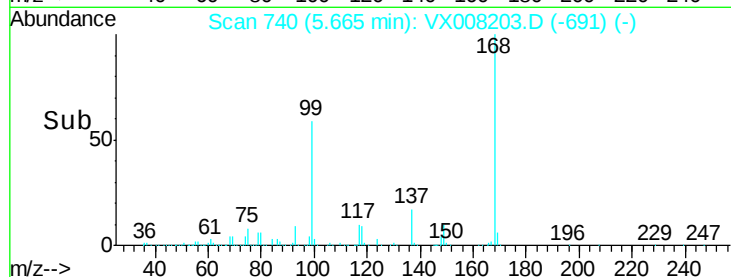
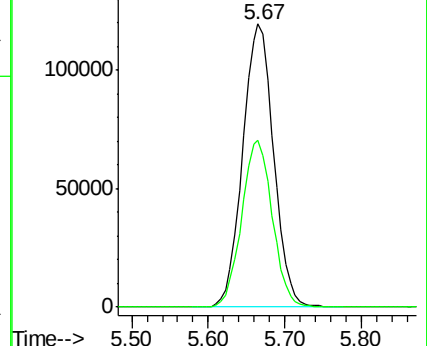
168 100

99 59.1 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: 0.946 ug/l

RT: 1.75 min Scan# 98

Delta R.T. 0.03 min

Lab File: VX008203.D

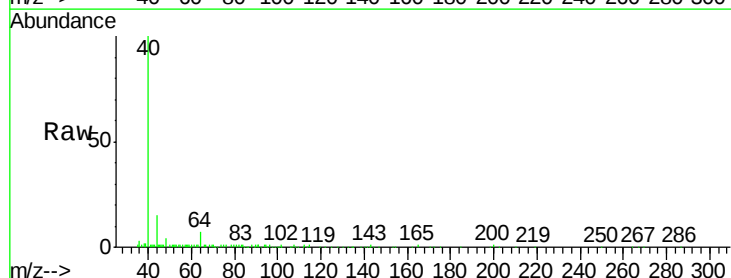
Acq: 19 Mar 2019 20:34

Tgt Ion: 64 Resp: 3019

Ion Ratio Lower Upper

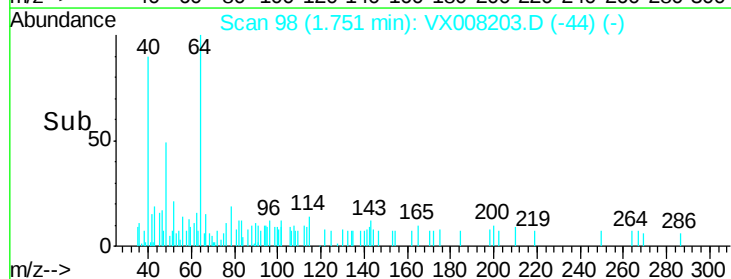
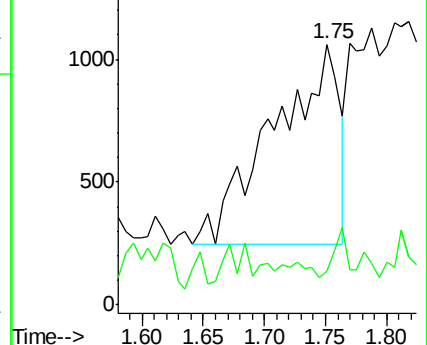
64 100

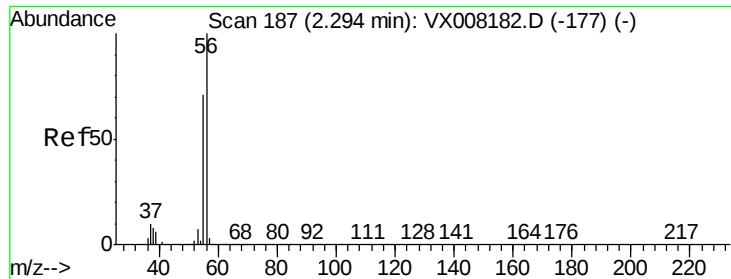
66 0.0 25.2 37.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#13

Acrolein

Concen: Below Cal

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008203.D

Acq: 19 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

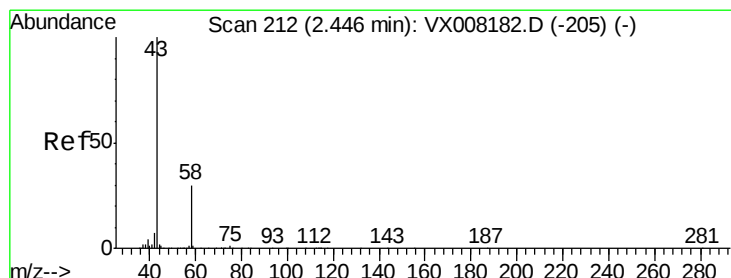
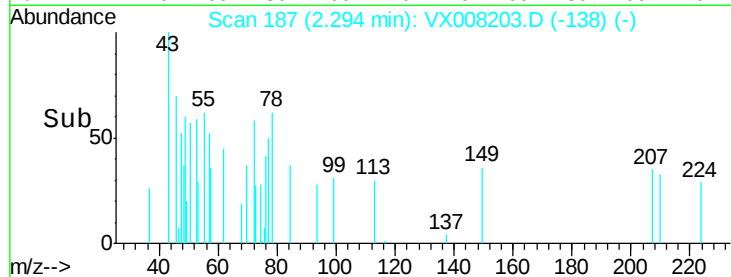
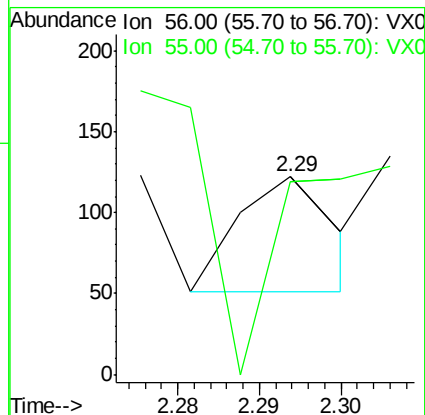
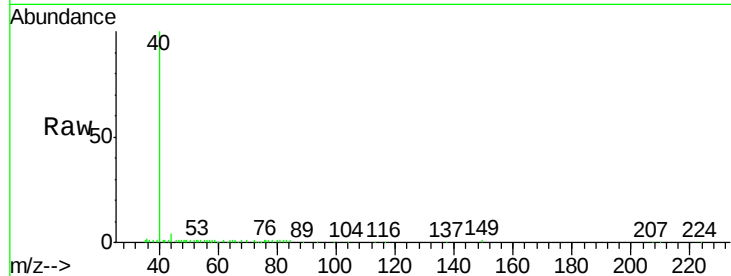
BPS1-TT-MW305S-20190312

Tot Ion: 56 Resp: 57

Ion Ratio Lower Upper

56 100

55 308.8 57.8 86.6#



#16

Acetone

Concen: 1.795 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008203.D

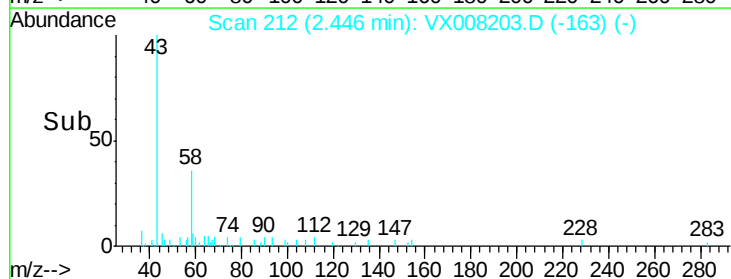
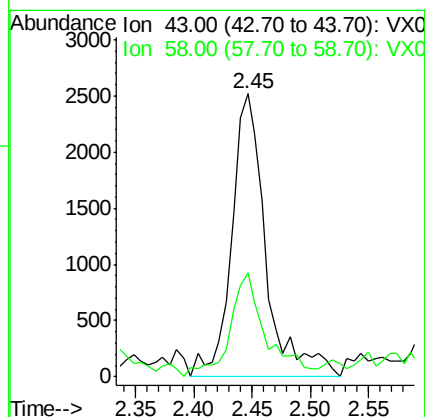
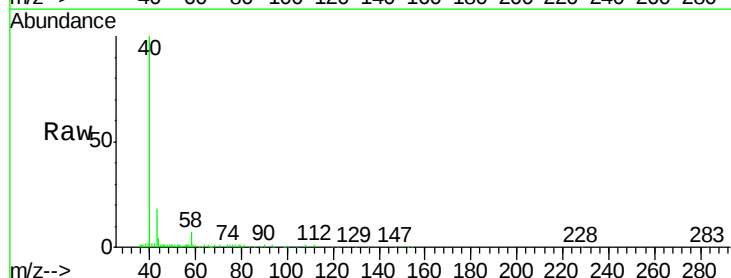
Acq: 19 Mar 2019 20:34

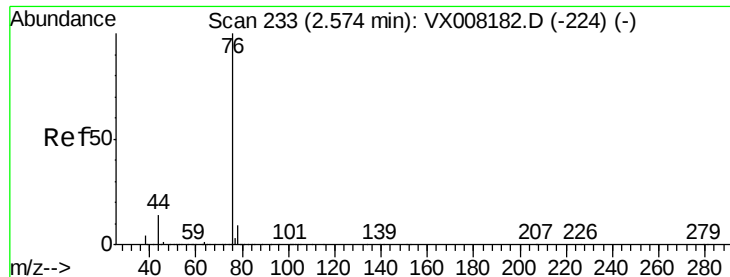
Tgt Ion: 43 Resp: 5143

Ion Ratio Lower Upper

43 100

58 33.4 25.5 38.3





#17

Carbon Disulfide

Concen: 0.752 ug/l

RT: 2.58 min Scan# 234

Delta R.T. 0.01 min

Lab File: VX008203.D

Acq: 19 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

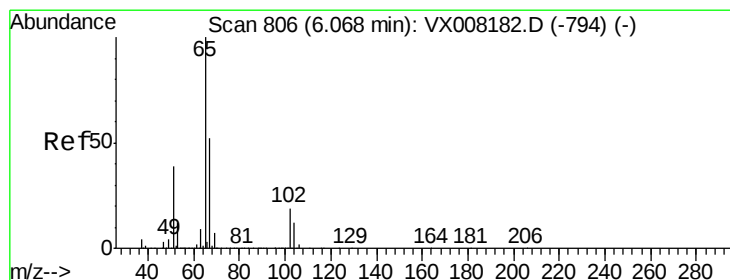
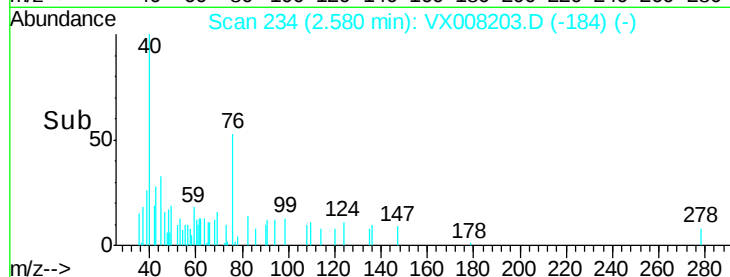
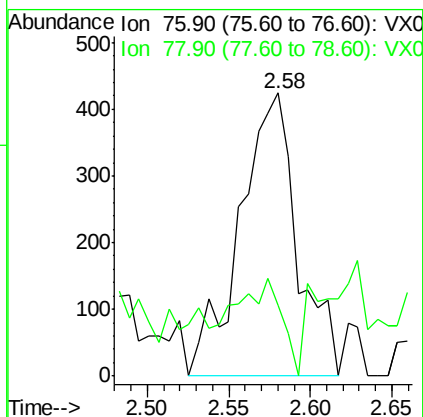
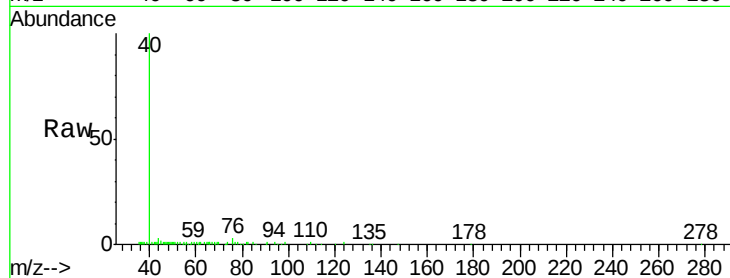
BPS1-TT-MW305S-20190312

Tot Ion: 76 Resp: 1035

Ion Ratio Lower Upper

76 100

78 6.6 7.2 10.8#



#33

1,2-Dichloroethane-d4

Concen: 46.510 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX008203.D

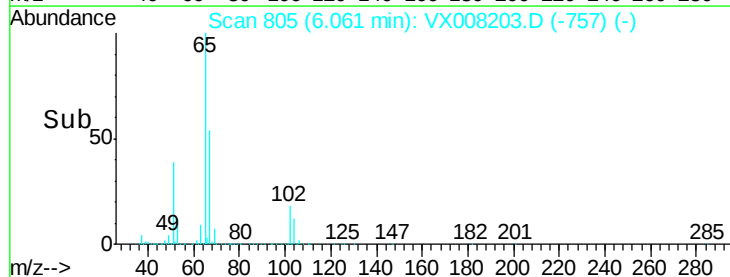
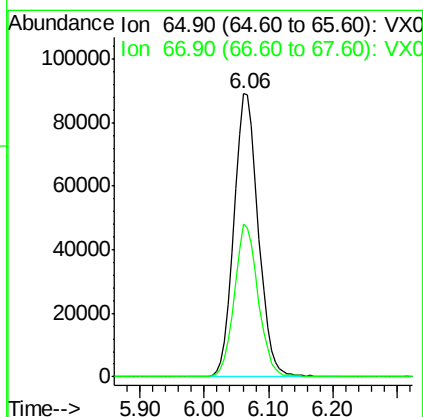
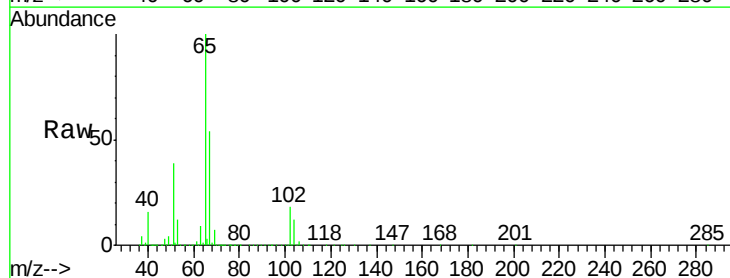
Acq: 19 Mar 2019 20:34

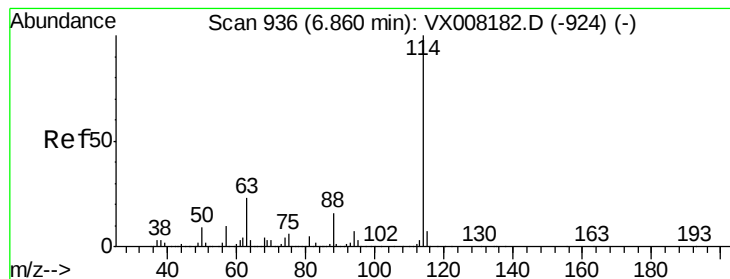
Tgt Ion: 65 Resp: 234939

Ion Ratio Lower Upper

65 100

67 52.4 0.0 110.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008203.D

Acq: 19 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW305S-20190312

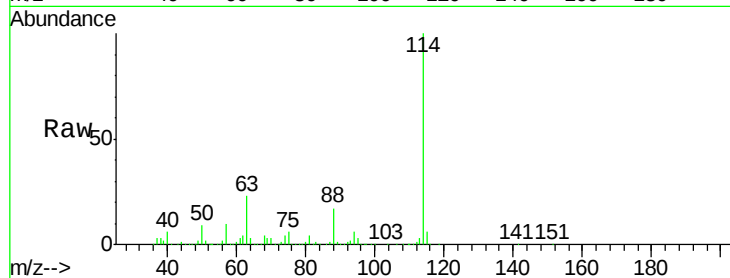
Tot Ion:114 Resp: 545610

Ion Ratio Lower Upper

114 100

63 22.7 0.0 39.8

88 16.6 0.0 31.4



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

300000

250000

200000

150000

100000

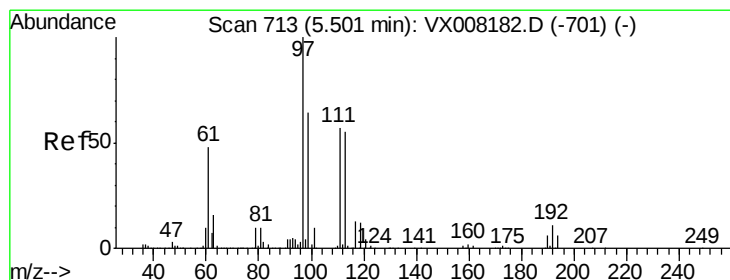
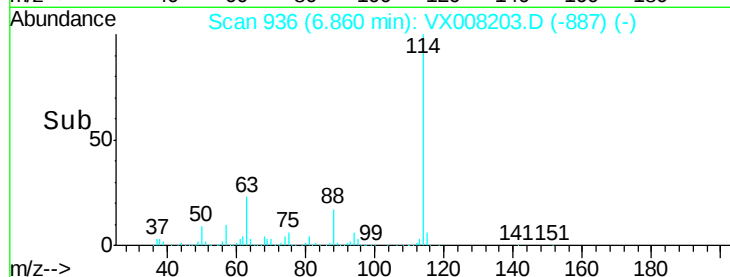
50000

0

6.86

6.70 6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 46.765 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008203.D

Acq: 19 Mar 2019 20:34

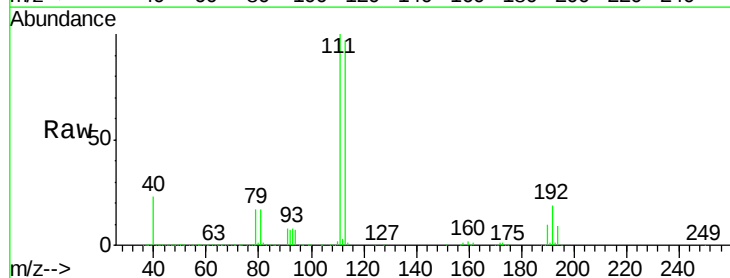
Tgt Ion:113 Resp: 170808

Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

192 20.1 19.4 29.0



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

80000

60000

40000

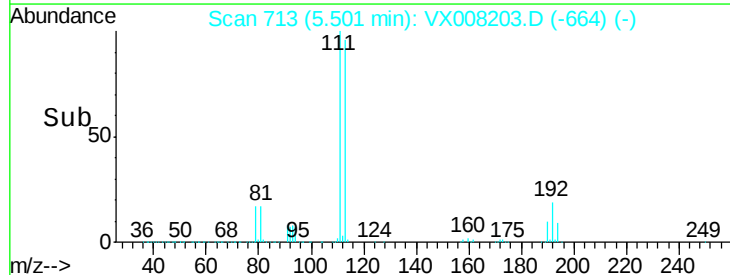
20000

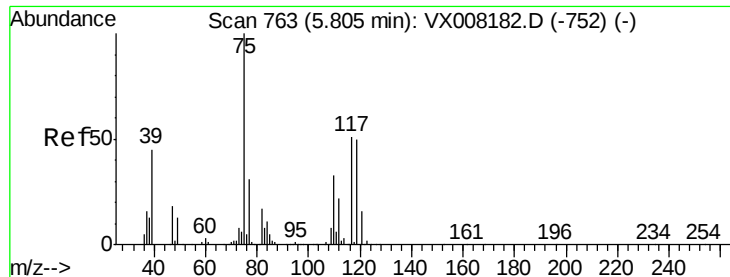
0

5.50

5.40 5.50 5.60

Time-->





#36

1,1-Dichloropropene

Concen: 4.472 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.14 min

Lab File: VX008203.D

Acq: 19 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW305S-20190312

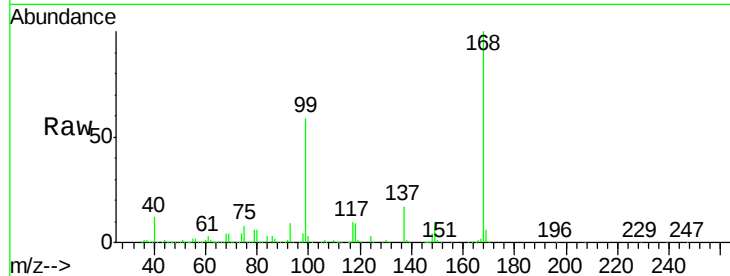
Tot Ion: 75 Resp: 28407

Ion Ratio Lower Upper

75 100

110 9.2 18.4 55.0#

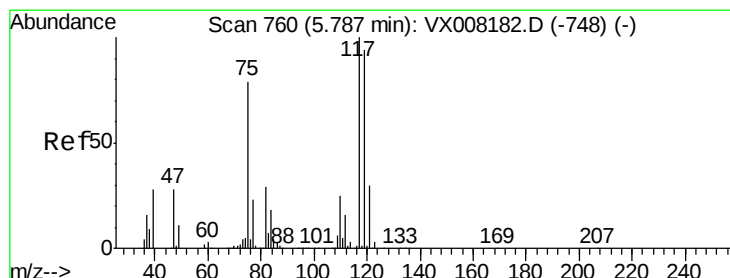
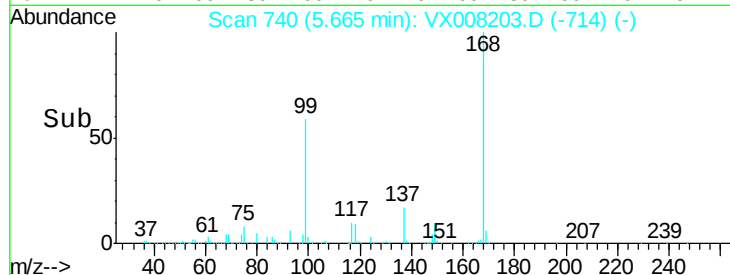
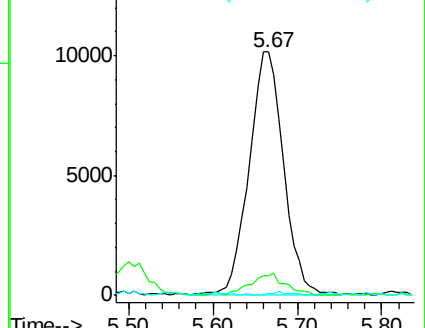
77 0.8 25.0 37.4#



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: 5.884 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX008203.D

Acq: 19 Mar 2019 20:34

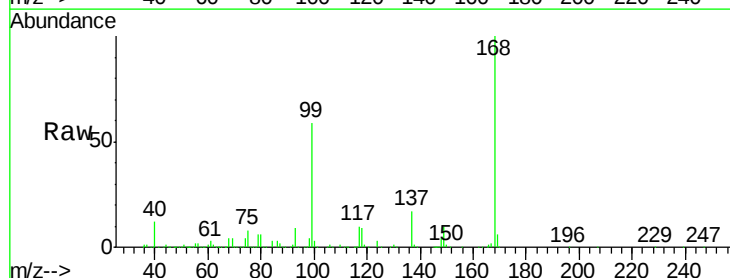
Tgt Ion:117 Resp: 33302

Ion Ratio Lower Upper

117 100

119 5.9 76.2 114.2#

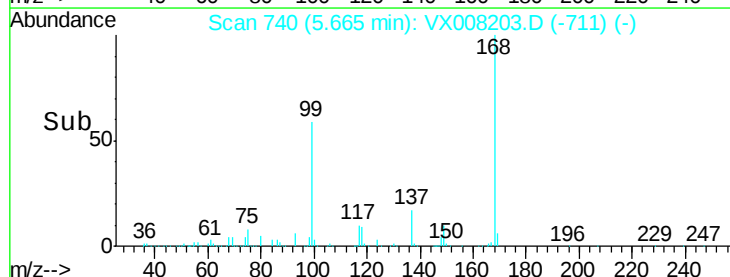
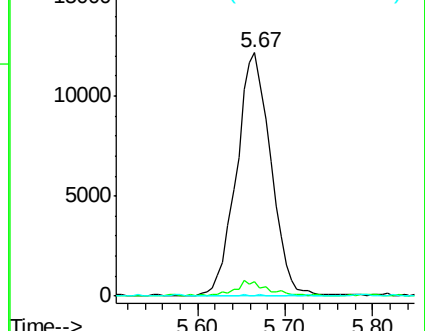
121 0.0 24.6 36.8#

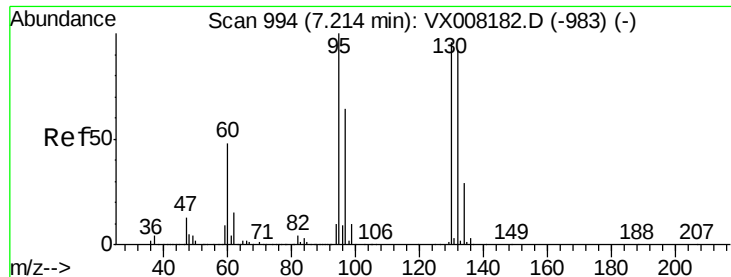


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#44

Trichloroethene

Concen: 1.665 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008203.D

Acq: 19 Mar 2019 20:34

Instrument :

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ClientSampleId :

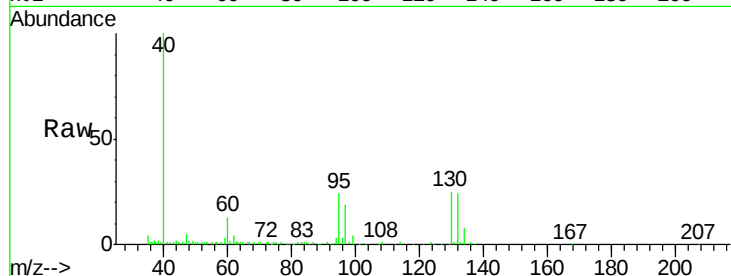
BPS1-TT-MW305S-20190312

Tot Ion:130 Resp: 7656

Ion Ratio Lower Upper

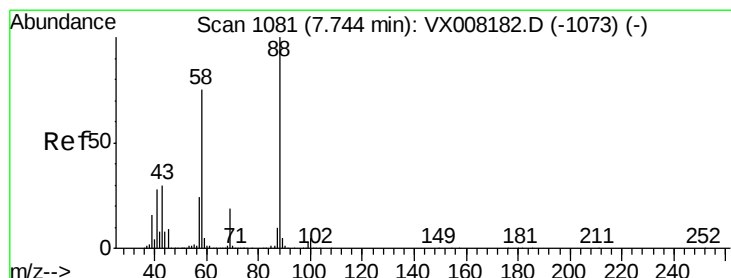
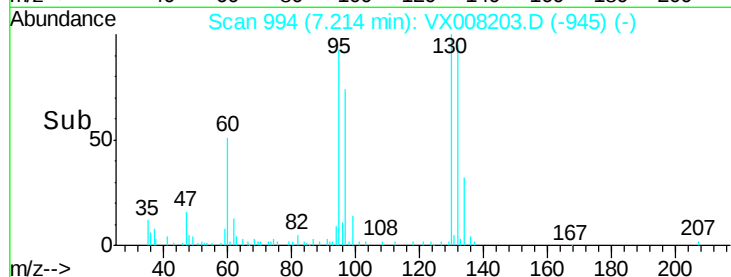
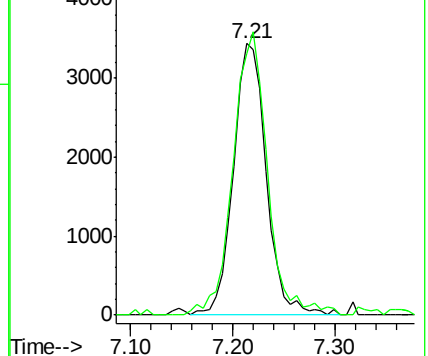
130 100

95 96.4 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 0.894 ug/l

RT: 7.73 min Scan# 1078

Delta R.T. -0.02 min

Lab File: VX008203.D

Acq: 19 Mar 2019 20:34

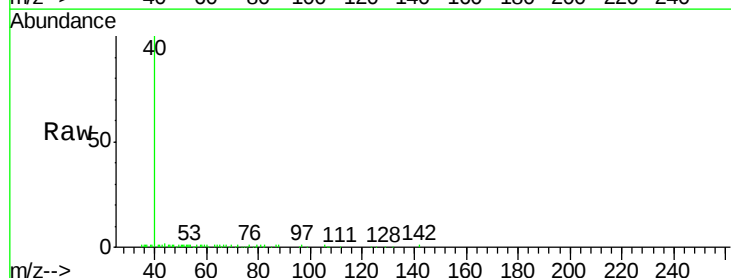
Tgt Ion: 88 Resp: 101

Ion Ratio Lower Upper

88 100

43 55.4 25.1 37.7#

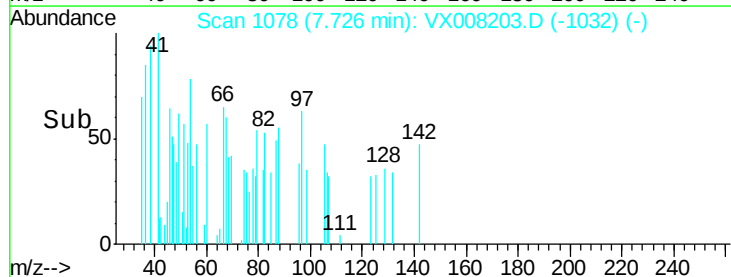
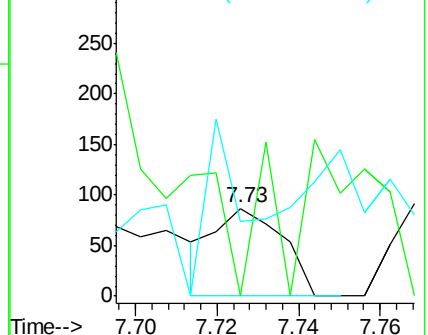
58 117.8 57.8 86.6#

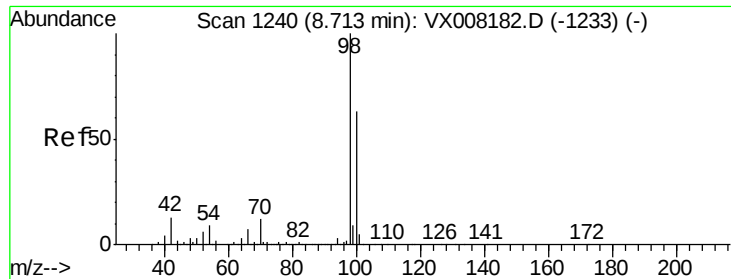


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

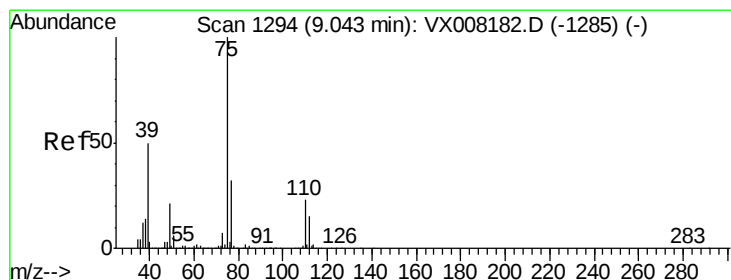
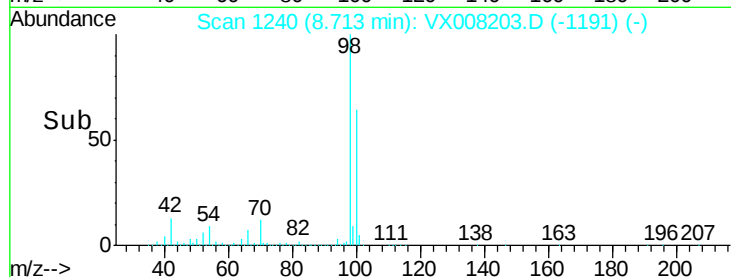
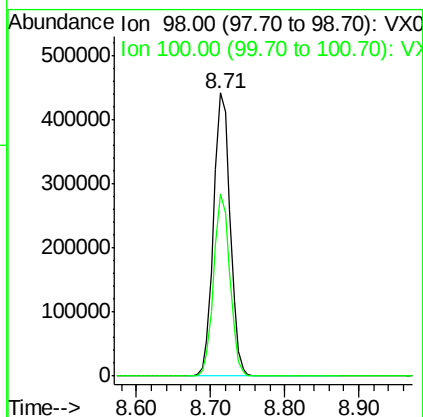
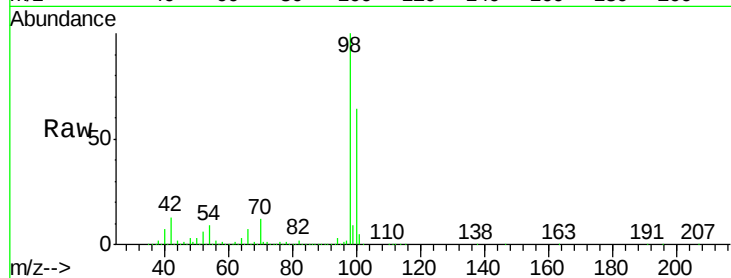




#50
Toluene-d8
Concen: 48.833 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008203.D
Acq: 19 Mar 2019 20:34

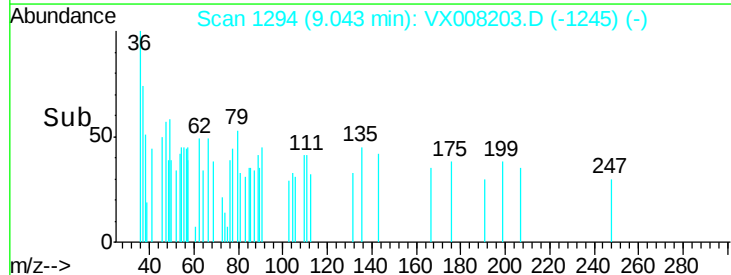
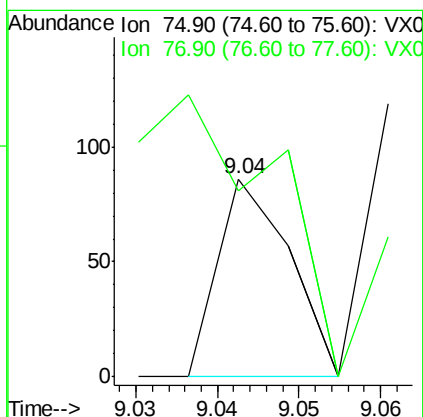
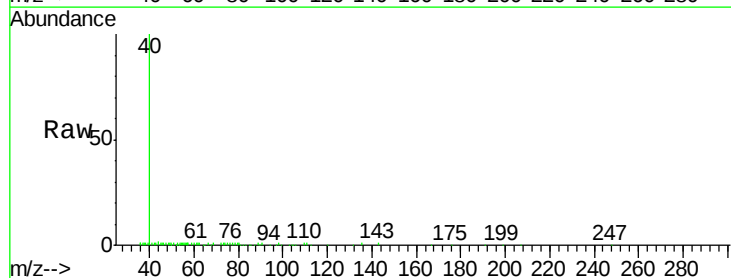
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BPS1-TT-MW305S-20190312

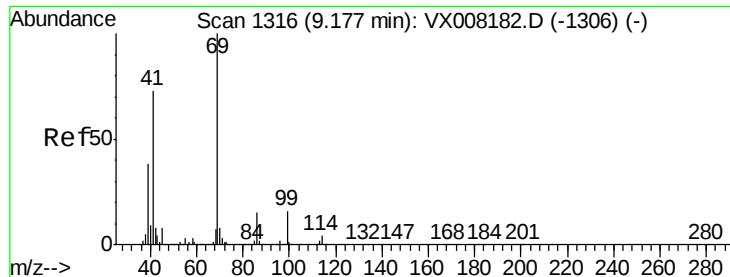
Tot Ion: 98 Resp: 676238
Ion Ratio Lower Upper
98 100
100 62.8 51.7 77.5



#53
t-1,3-Dichloropropene
Concen: 1.429 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX008203.D
Acq: 19 Mar 2019 20:34

Tgt Ion: 75 Resp: 52
Ion Ratio Lower Upper
75 100
77 94.2 25.4 38.0#





#56

Ethyl methacrylate

Concen: 0.552 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VX008203.D

Acq: 19 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW305S-20190312

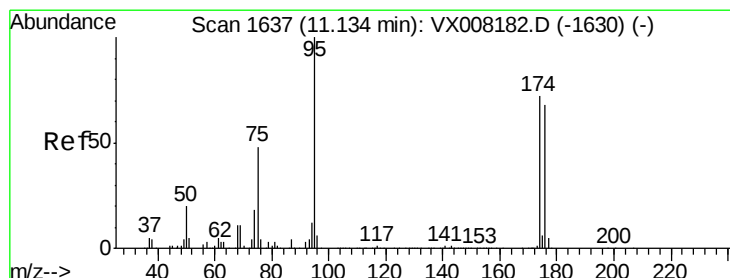
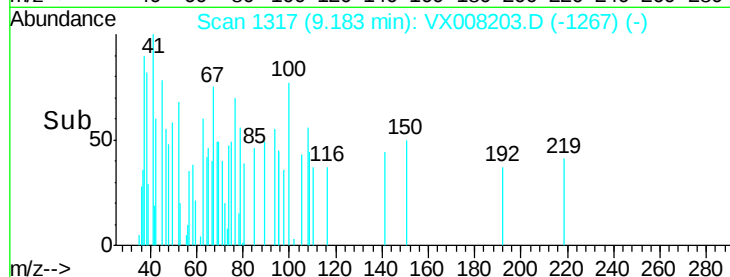
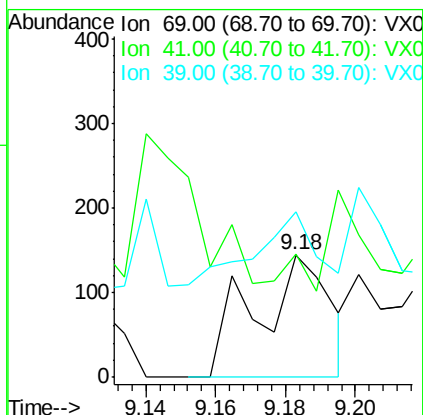
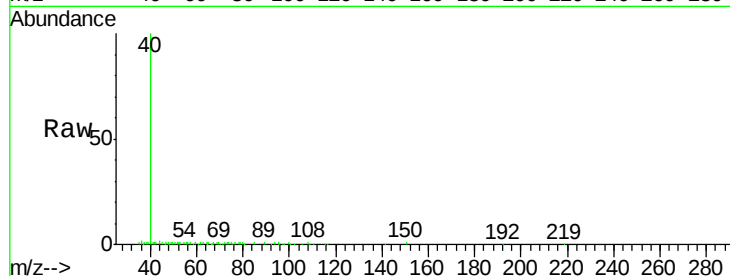
Tot Ion: 69 Resp: 212

Ion Ratio Lower Upper

69 100

41 0.0 54.2 81.4#

39 46.2 25.0 37.4#



#62

4-Bromofluorobenzene

Concen: 45.234 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008203.D

Acq: 19 Mar 2019 20:34

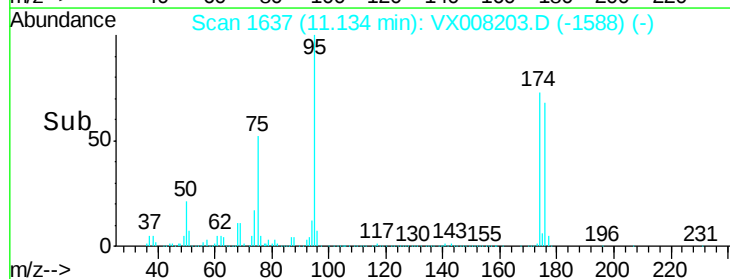
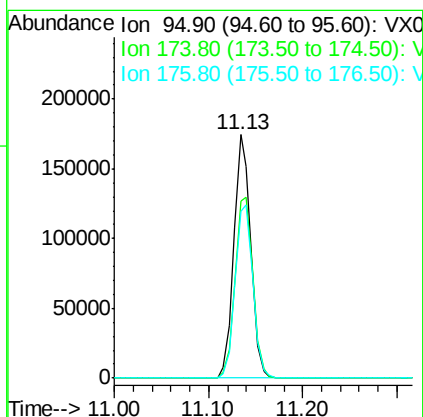
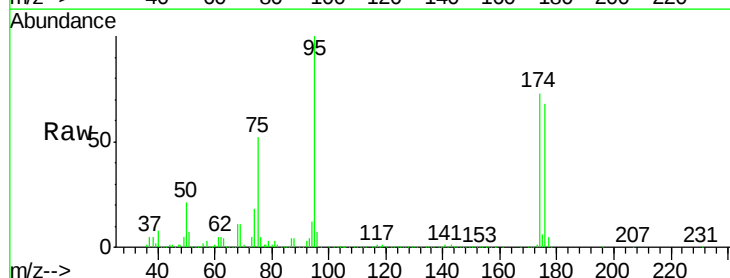
Tgt Ion: 95 Resp: 215680

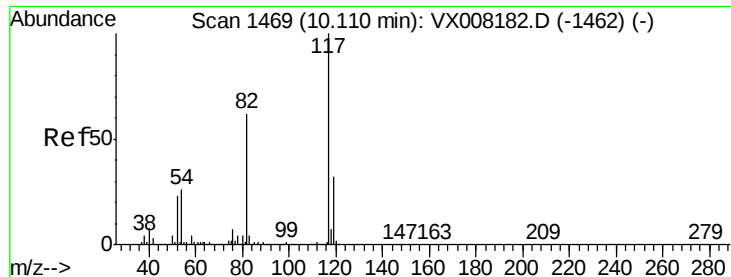
Ion Ratio Lower Upper

95 100

174 78.3 0.0 182.8

176 74.9 0.0 178.0

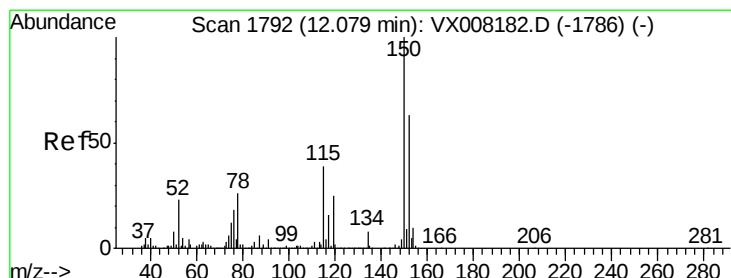
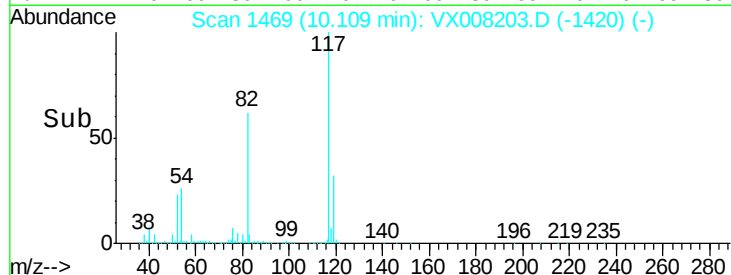
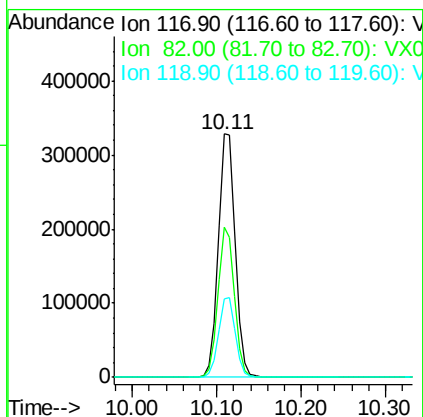
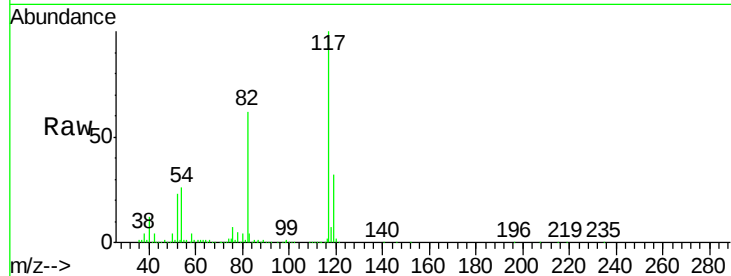




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008203.D
Acq: 19 Mar 2019 20:34

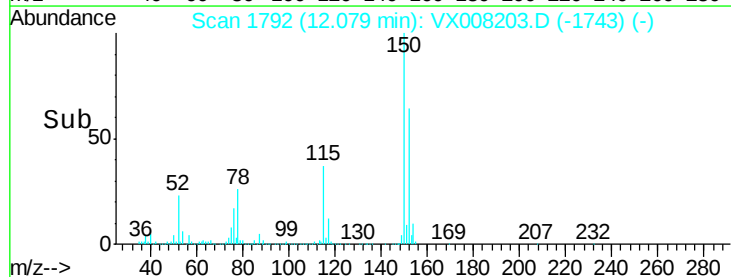
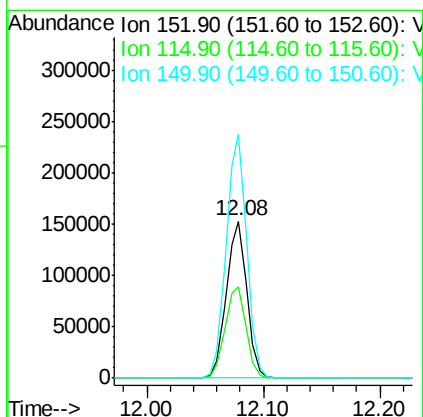
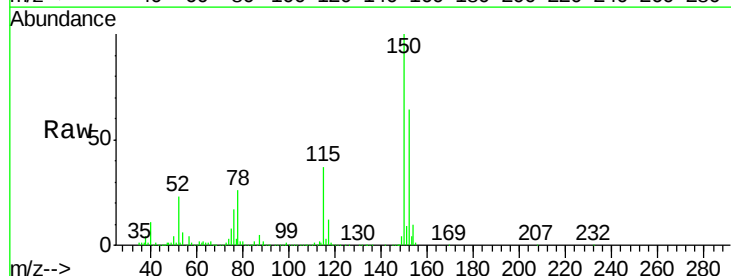
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW305S-20190312

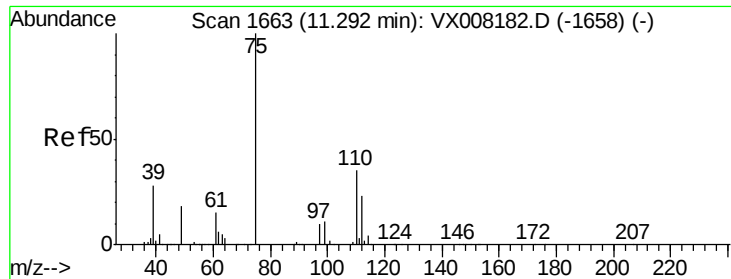
Tot Ion	Ratio	Lower	Upper
117	100		
82	61.8	44.3	66.5
119	32.3	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008203.D
Acq: 19 Mar 2019 20:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.8	38.6	115.7
150	155.9	0.0	348.4

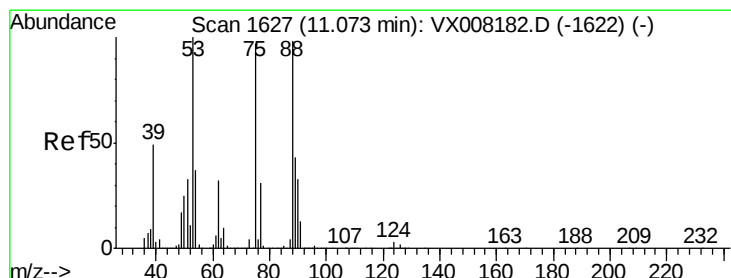
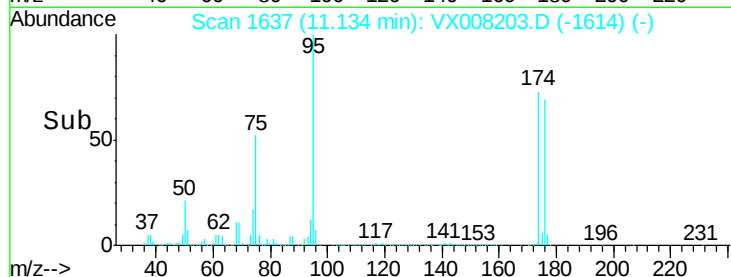
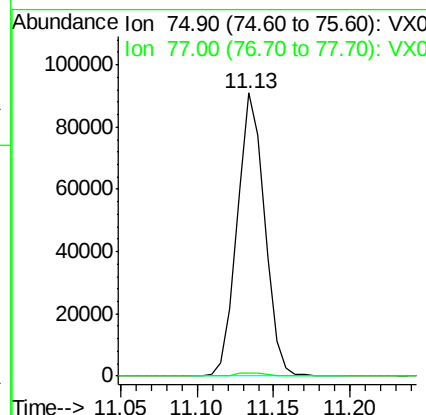
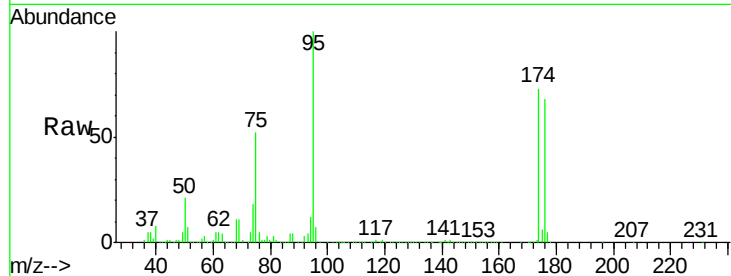




#76
 1,2,3-Trichloropropane
 Concen: 21.581 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX008203.D
 Acq: 19 Mar 2019 20:34

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW305S-20190312

Tot Ion: 75 Resp: 112475
 Ion Ratio Lower Upper
 75 100
 77 1.5 18.9 56.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.872 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX008203.D
 Acq: 19 Mar 2019 20:34

Tgt Ion: 75 Resp: 112475
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.1 114.1#
 89 0.0 36.3 54.5#

