

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
 Data File : VX009437.D
 Acq On : 09 May 2019 18:54
 Operator : JC/SP
 Sample : K2786-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-GW-218-220

Quant Time: May 10 08:06:45 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

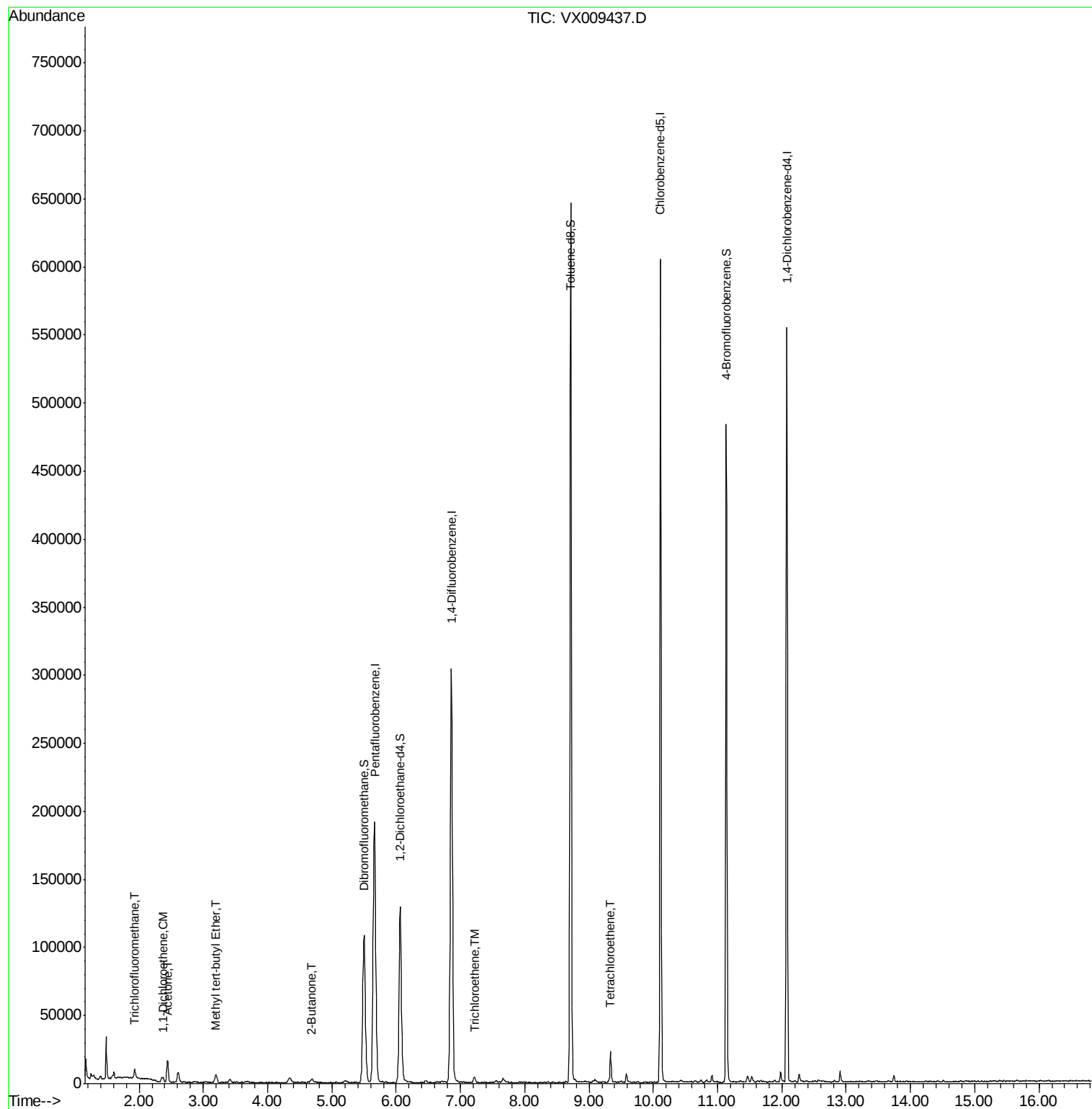
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	188120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	302200	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	262265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116010	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	122979	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
35) Dibromofluoromethane	5.50	113	92064	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
50) Toluene-d8	8.71	98	374745	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
62) 4-Bromofluorobenzene	11.13	95	125138	44.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.80%	
Target Compounds						
					Qvalue	
7) Trichlorofluoromethane	1.93	101	4540	1.618	ug/l	94
12) 1,1-Dichloroethene	2.37	96	723	0.410	ug/l	85
16) Acetone	2.44	43	18387	13.334	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	5693	0.831	ug/l	97
25) 2-Butanone	4.68	43	4420	2.063	ug/l #	87
44) Trichloroethene	7.21	130	1553	0.739	ug/l	96
64) Tetrachloroethene	9.34	164	4424	2.459	ug/l	95

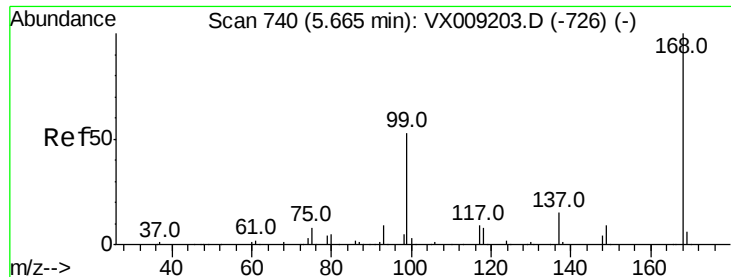
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050919\
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ClientSampleId :
BP-VPB202-GW-218-220

Quant Time: May 10 08:06:45 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: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009437.D

Acq: 09 May 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

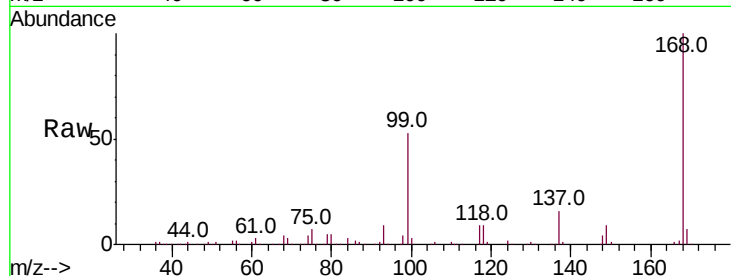
BP-VPB202-GW-218-220

Tot Ion:168 Resp: 188120

Ion Ratio Lower Upper

168 100

99 53.1 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

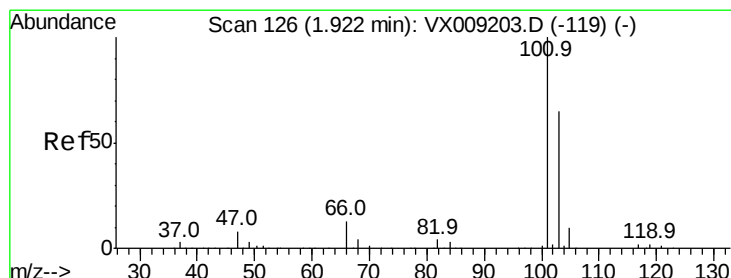
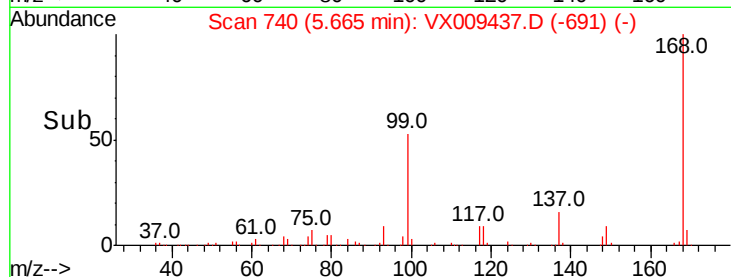
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#7

Trichlorofluoromethane

Concen: 1.618 ug/l

RT: 1.93 min Scan# 128

Delta R.T. 0.01 min

Lab File: VX009437.D

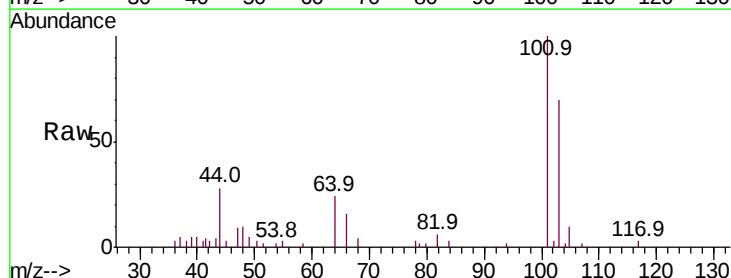
Acq: 09 May 2019 18:54

Tgt Ion:101 Resp: 4540

Ion Ratio Lower Upper

101 100

103 70.5 52.4 78.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.93

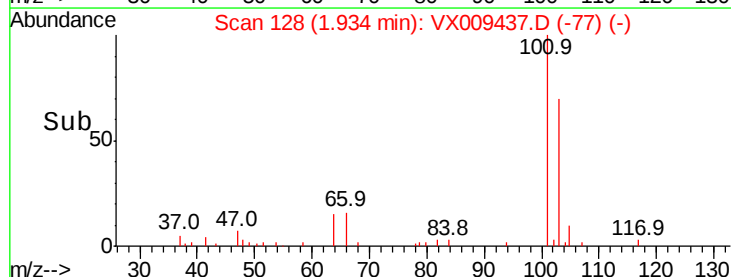
3000

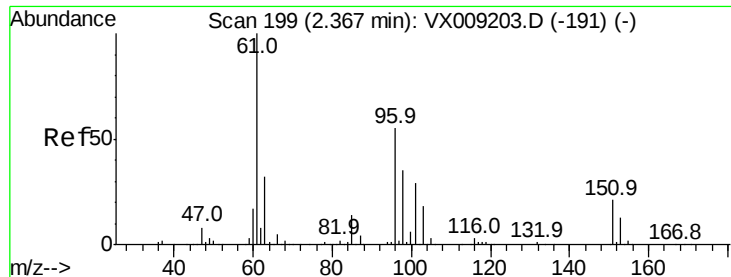
2000

1000

0

Time--> 1.90 1.95 2.00





#12

1,1-Dichloroethene

Concen: 0.410 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX009437.D

Acq: 09 May 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB202-GW-218-220

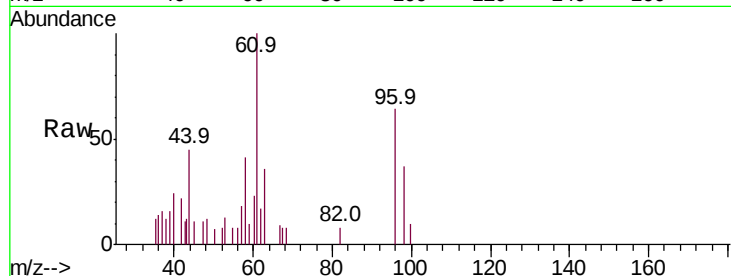
Tot Ion: 96 Resp: 723

Ion Ratio Lower Upper

96 100

61 155.2 144.3 216.5

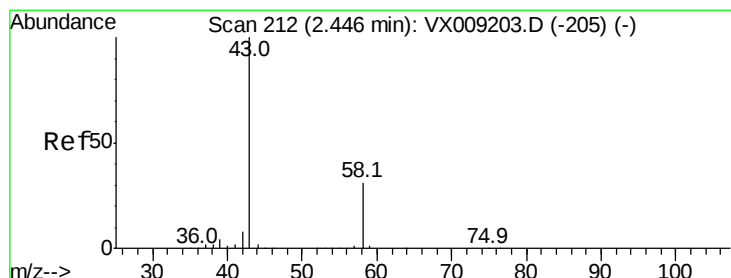
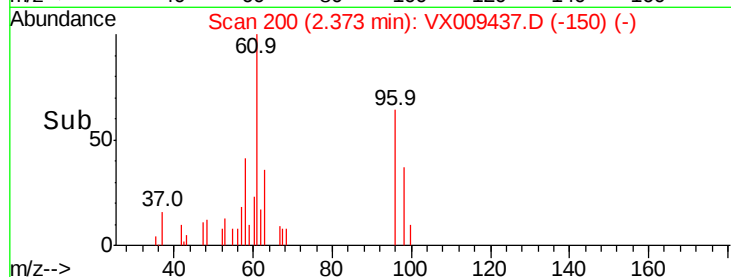
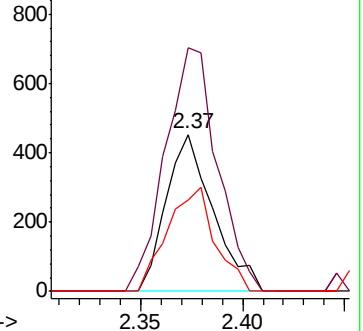
98 58.1 50.3 75.5



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#16

Acetone

Concen: 13.334 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009437.D

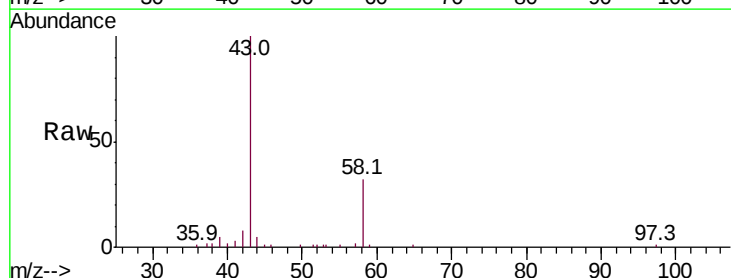
Acq: 09 May 2019 18:54

Tgt Ion: 43 Resp: 18387

Ion Ratio Lower Upper

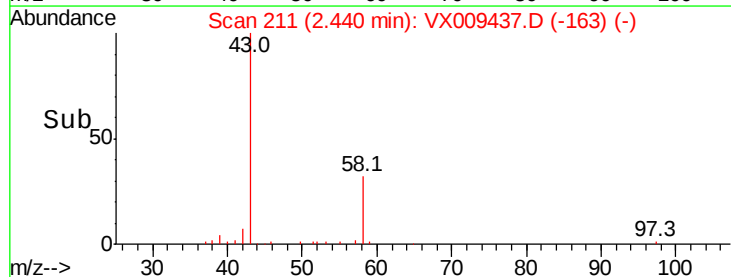
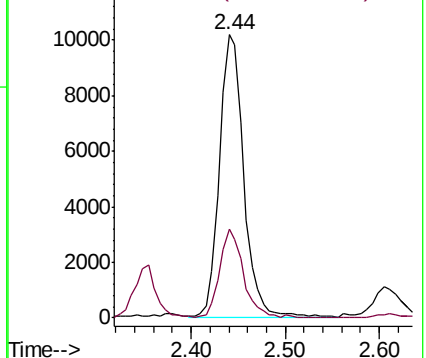
43 100

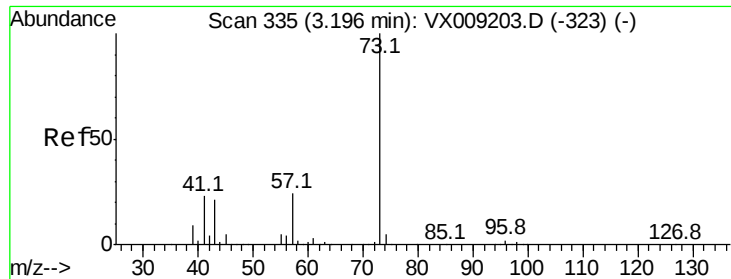
58 31.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

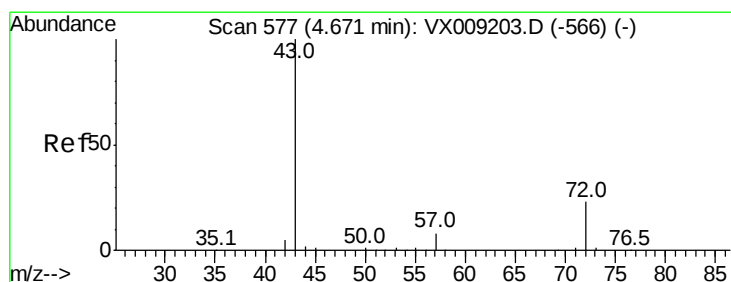
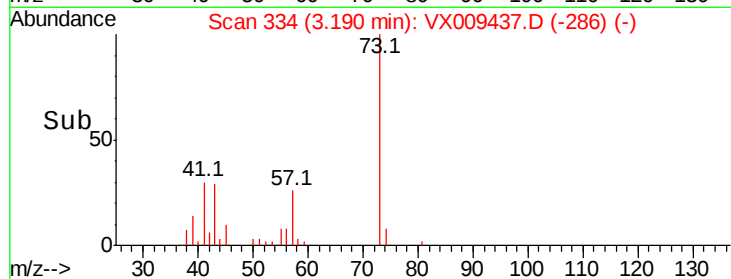
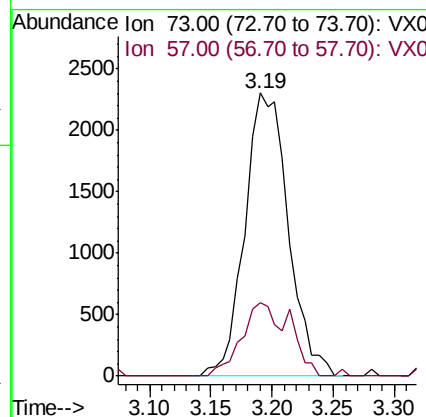
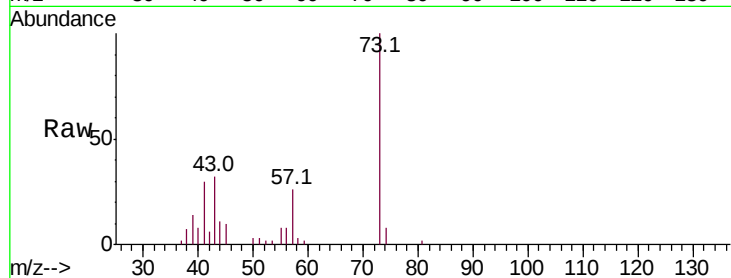




#19
Methvl tert-butvl Ether
Concen: 0.831 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX009437.D
Acq: 09 May 2019 18:54

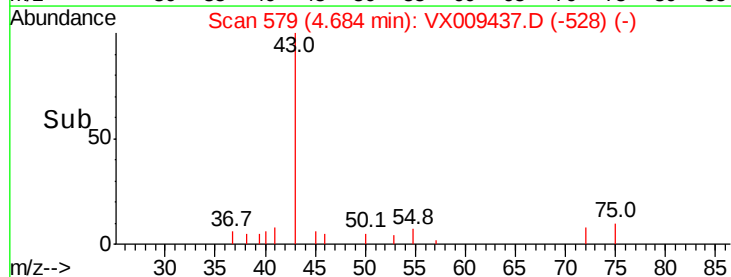
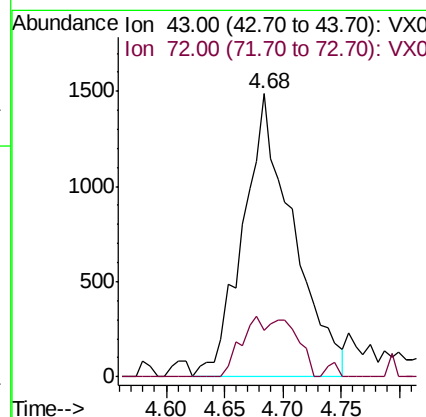
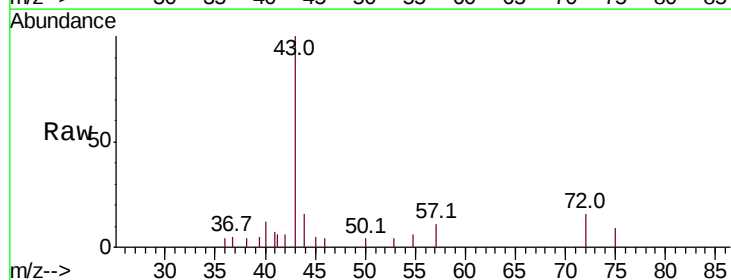
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-218-220

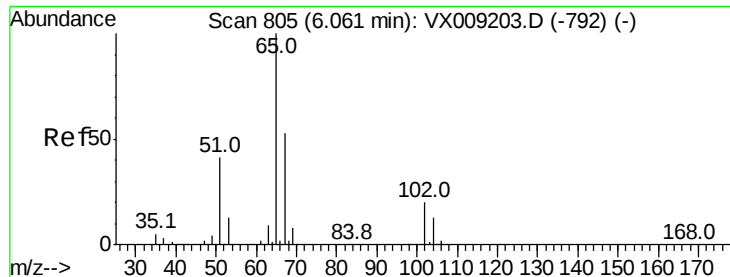
Tot Ion: 73 Resp: 5693
Ion Ratio Lower Upper
73 100
57 25.7 19.3 28.9



#25
2-Butanone
Concen: 2.063 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.01 min
Lab File: VX009437.D
Acq: 09 May 2019 18:54

Tgt Ion: 43 Resp: 4420
Ion Ratio Lower Upper
43 100
72 16.4 18.2 27.2#





#33

1,2-Dichloroethane-d4

Concen: 47.888 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009437.D

Acq: 09 May 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

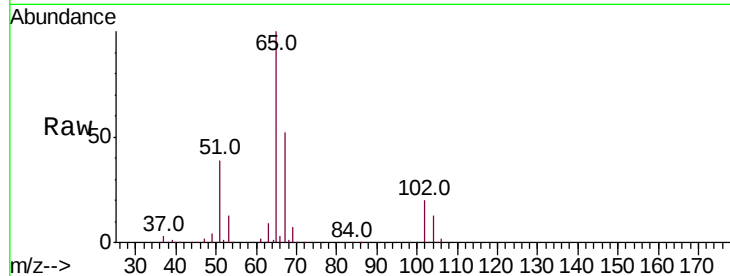
BP-VPB202-GW-218-220

Tot Ion: 65 Resp: 122979

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

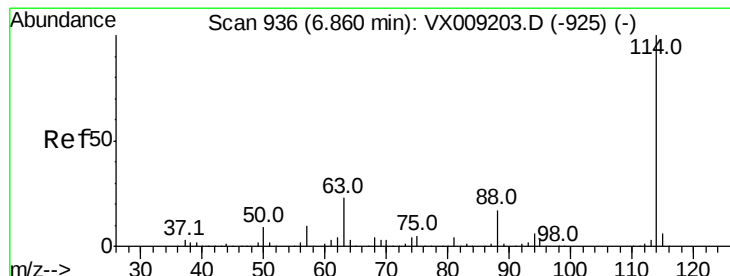
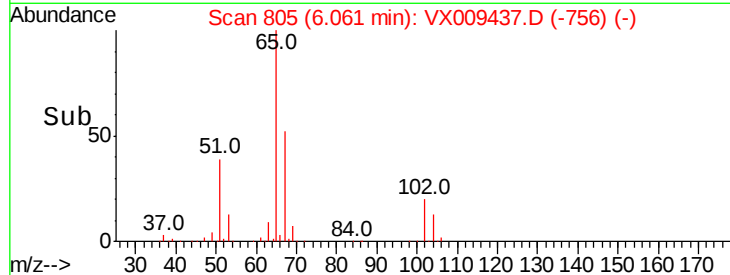
20000

10000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009437.D

Acq: 09 May 2019 18:54

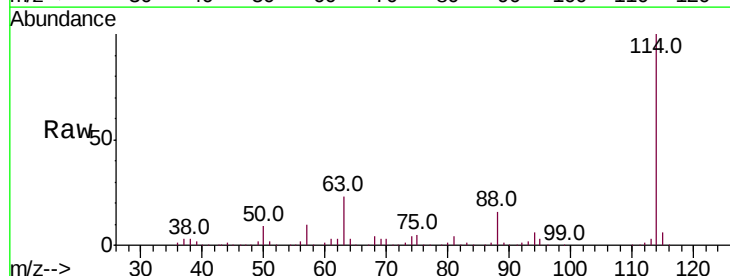
Tgt Ion:114 Resp: 302200

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.6

88 15.6 0.0 33.2



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

6.86

150000

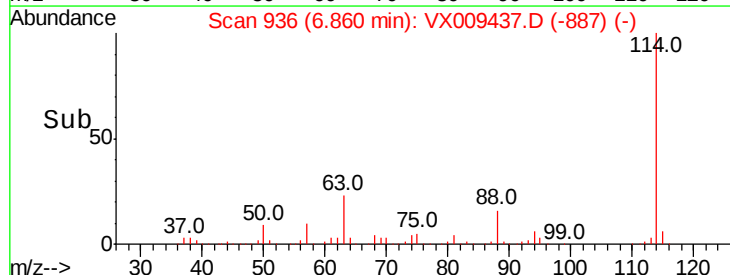
100000

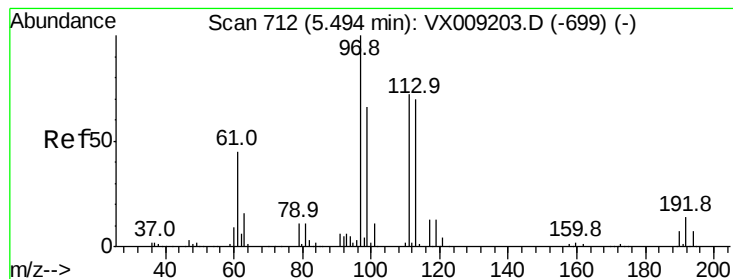
50000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 48.461 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009437.D

Acq: 09 May 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB202-GW-218-220

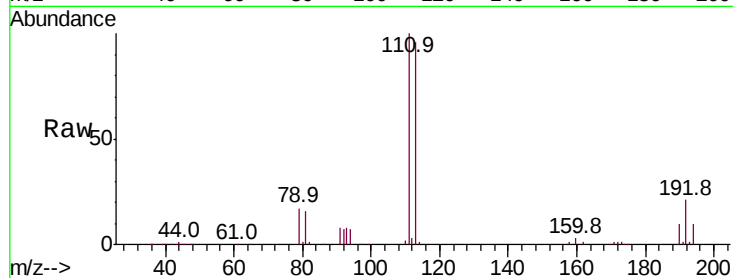
Tot Ion:113 Resp: 92064

Ion Ratio Lower Upper

113 100

111 101.7 82.8 124.2

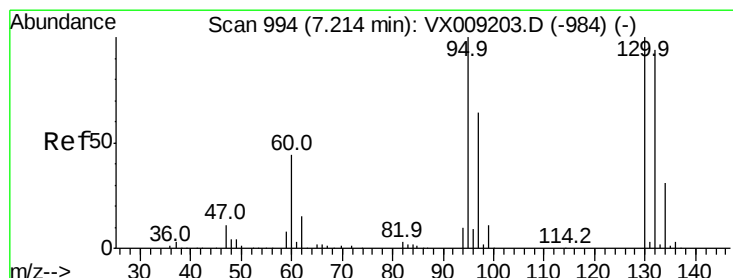
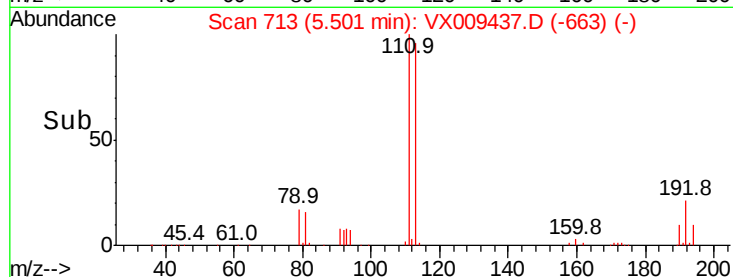
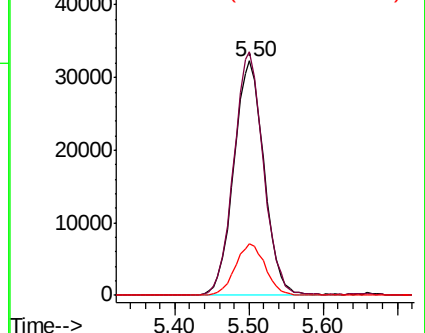
192 21.9 17.0 25.6



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



#44

Trichloroethene

Concen: 0.739 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX009437.D

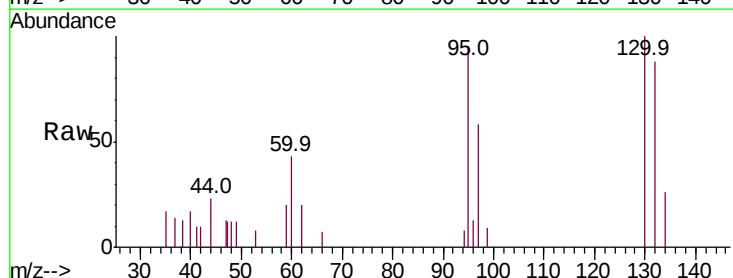
Acq: 09 May 2019 18:54

Tgt Ion:130 Resp: 1553

Ion Ratio Lower Upper

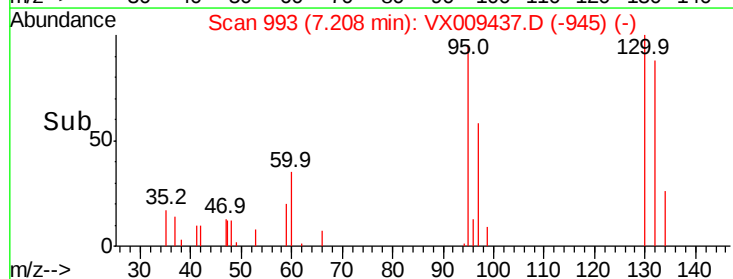
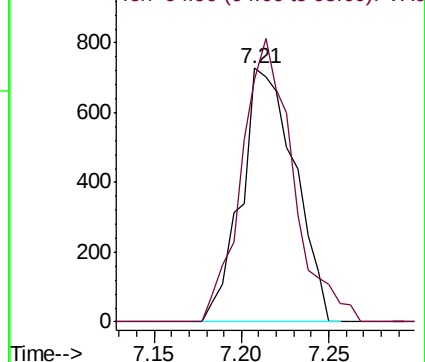
130 100

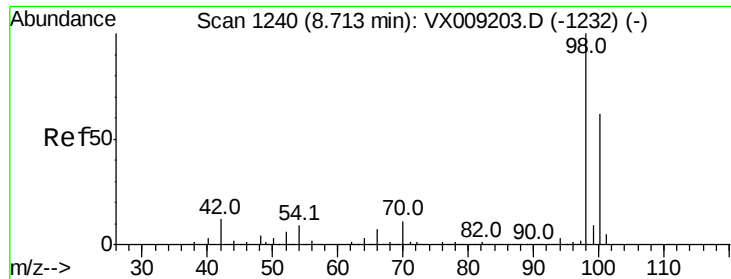
95 95.3 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

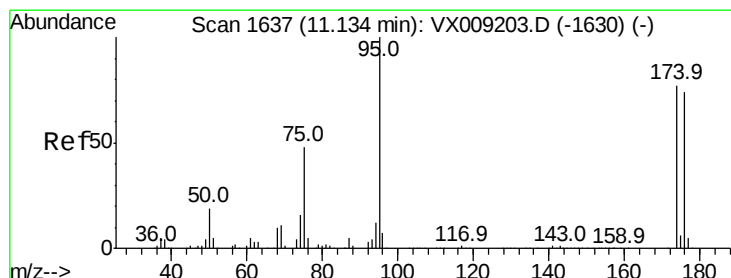
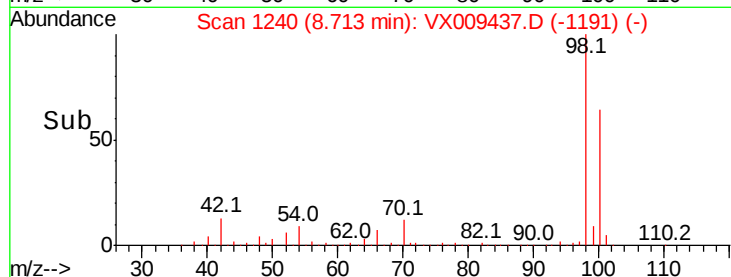
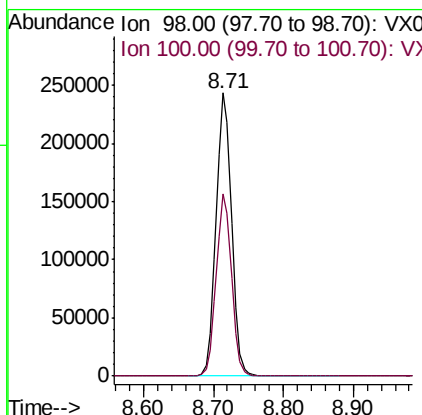
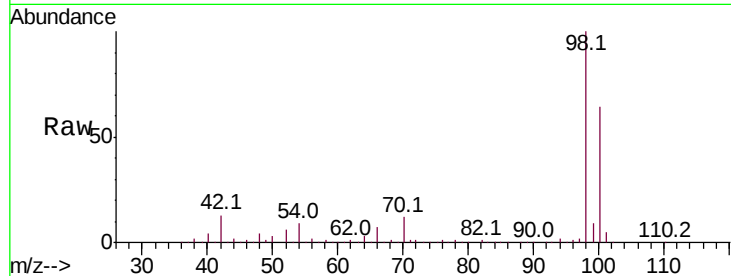




#50
Toluene-d8
Concen: 48.860 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009437.D
Acq: 09 May 2019 18:54

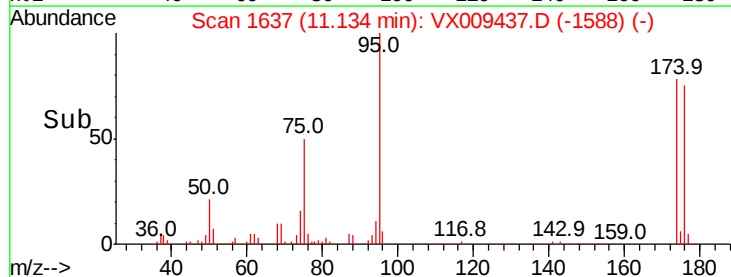
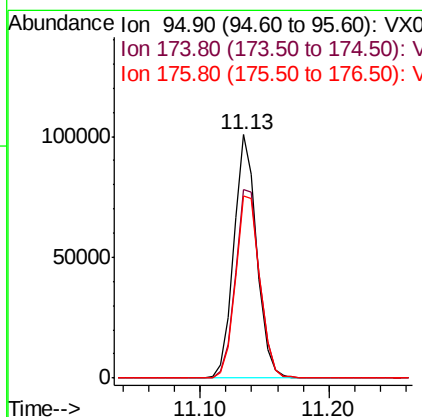
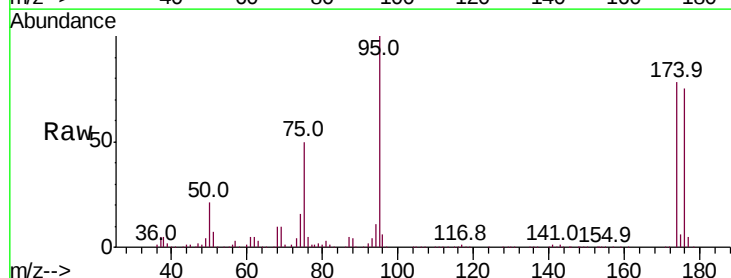
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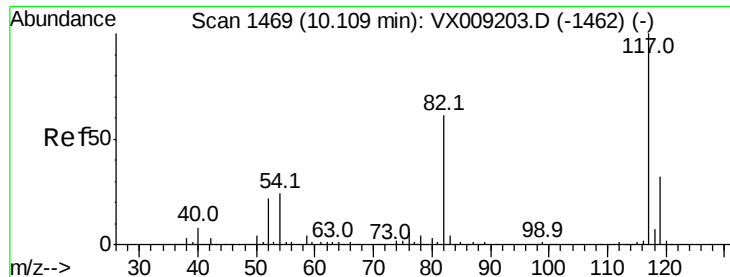
Tot Ion: 98 Resp: 374745
Ion Ratio Lower Upper
98 100
100 63.8 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 44.902 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009437.D
Acq: 09 May 2019 18:54

Tgt Ion: 95 Resp: 125138
Ion Ratio Lower Upper
95 100
174 81.9 0.0 161.6
176 79.6 0.0 159.2

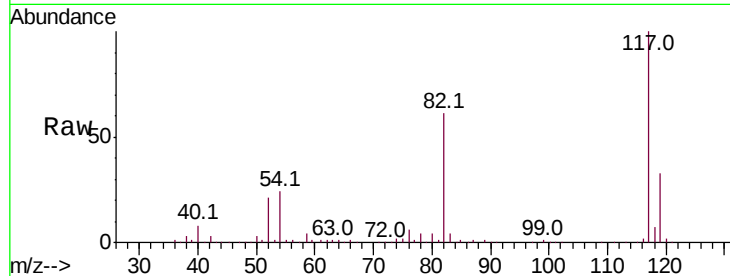




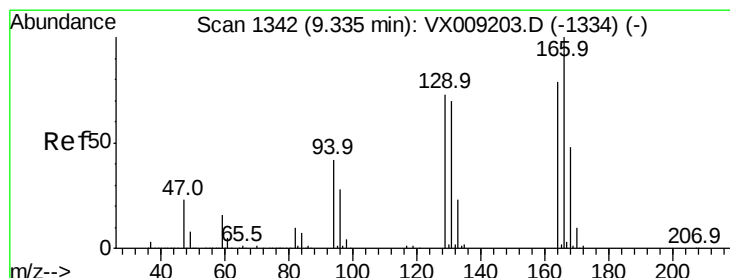
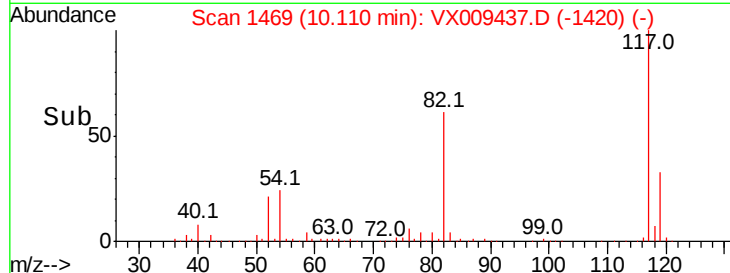
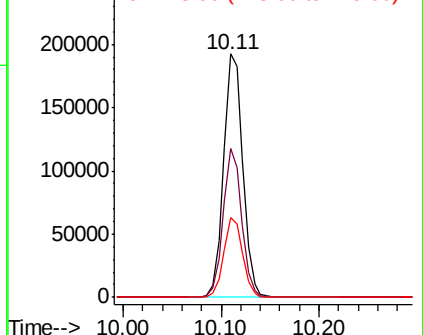
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009437.D
Acq: 09 May 2019 18:54

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-218-220

Tot Ion:117 Resp: 262265
Ion Ratio Lower Upper
117 100
82 61.2 48.8 73.2
119 32.7 25.8 38.6

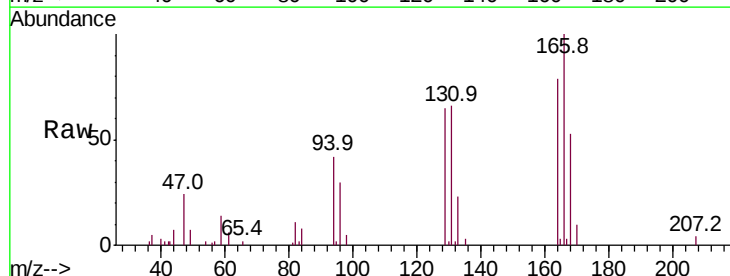


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

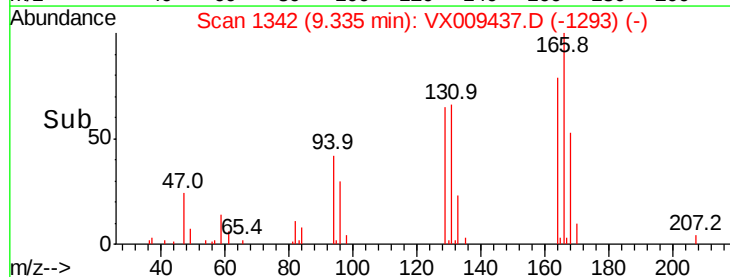
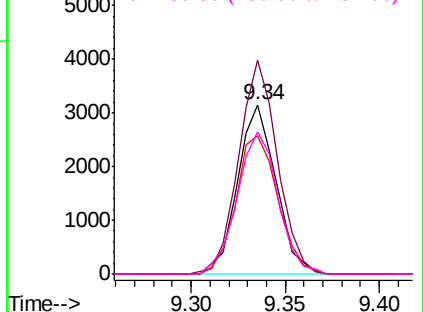


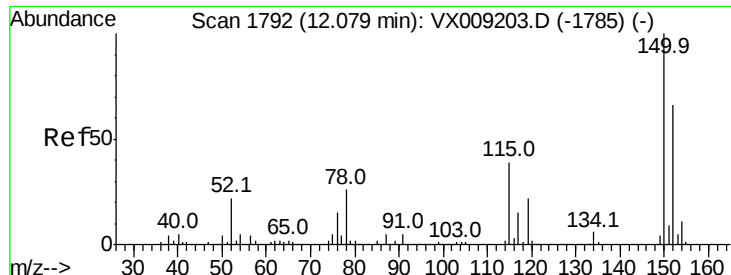
#64
Tetrachloroethene
Concen: 2.459 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009437.D
Acq: 09 May 2019 18:54

Tgt Ion:164 Resp: 4424
Ion Ratio Lower Upper
164 100
166 126.3 101.2 151.8
129 81.9 74.3 111.5
131 83.8 71.0 106.6



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

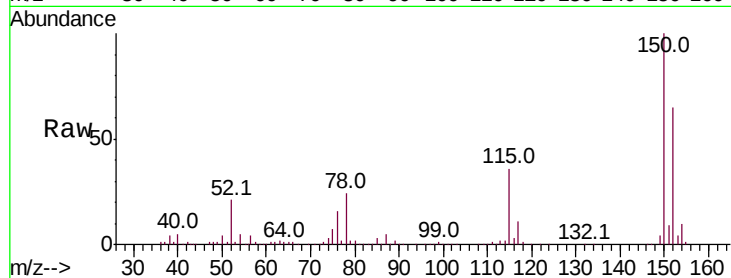




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX009437.D
 Acq: 09 May 2019 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-GW-218-220

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.8	41.2	123.6
150	155.9	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

