

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081219\
 Data File : VX011494.D
 Acq On : 12 Aug 2019 19:23
 Operator : JC/SP
 Sample : K4298-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB203-GW-803-805

Quant Time: Aug 13 07:41:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

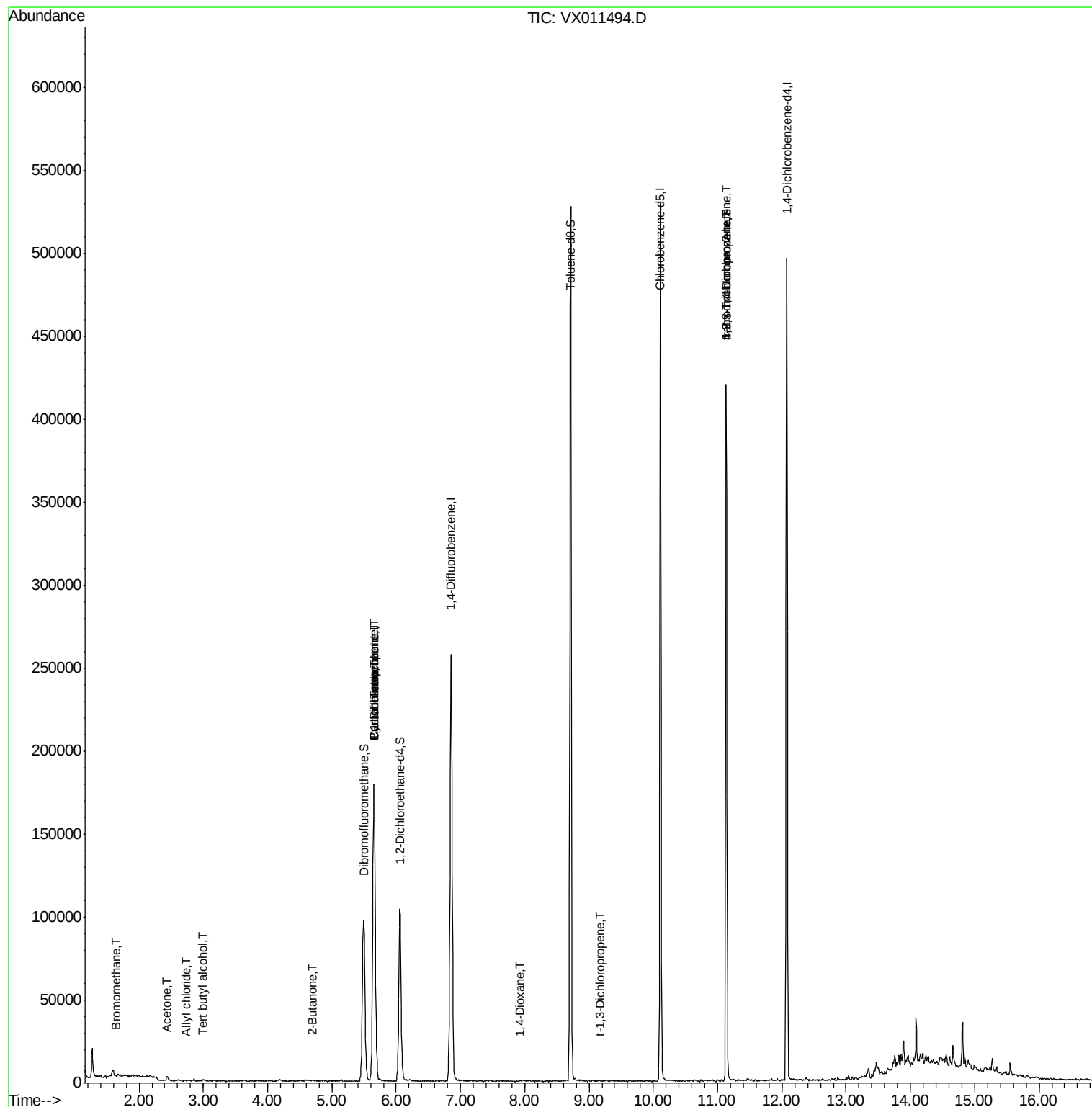
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	173901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	261508	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	236716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	107428	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	96557	55.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.28%	
35) Dibromofluoromethane	5.49	113	82091	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
50) Toluene-d8	8.71	98	309217	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
62) 4-Bromofluorobenzene	11.13	95	102425	44.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.02%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.64	94	395	0.334	ug/l	94
6) Chloroethane	1.75	64	162	Below Cal	#	43
11) Tert butyl alcohol	3.00	59	268	0.790	ug/l #	72
13) Acrolein	2.29	56	19	Below Cal	#	1
14) Allyl chloride	2.72	41	435	0.206	ug/l #	24
16) Acetone	2.43	43	3003	3.603	ug/l	94
25) 2-Butanone	4.70	43	549	0.463	ug/l #	65
31) Cyclohexane	5.65	56	3388	1.502	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	11815	5.175	ug/l #	50
38) Carbon Tetrachloride	5.66	117	16878	7.348	ug/l #	14
49) 1,4-Dioxane	7.93	88	24	0.480	ug/l #	1
53) t-1,3-Dichloropropene	9.18	75	22	2.847	ug/l #	43
76) 1,2,3-Trichloropropane	11.13	75	53298	27.243	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.13	75	53298	70.687	ug/l #	10

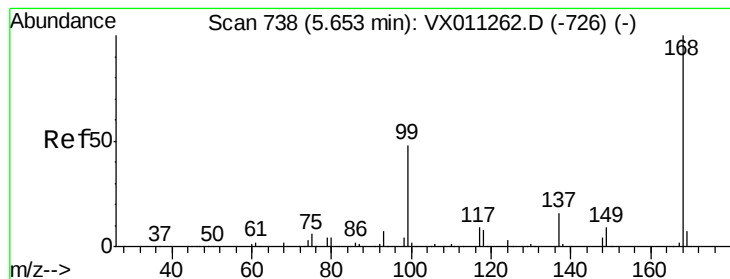
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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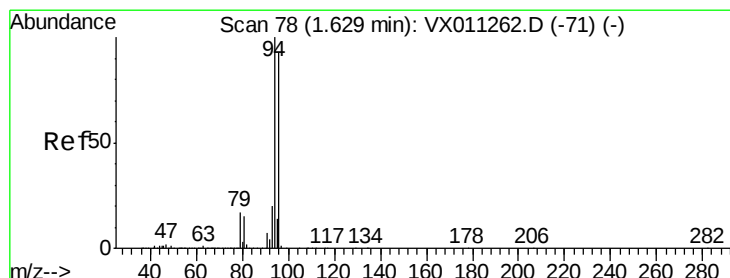
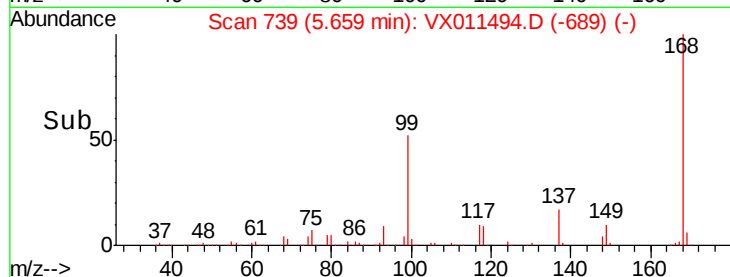
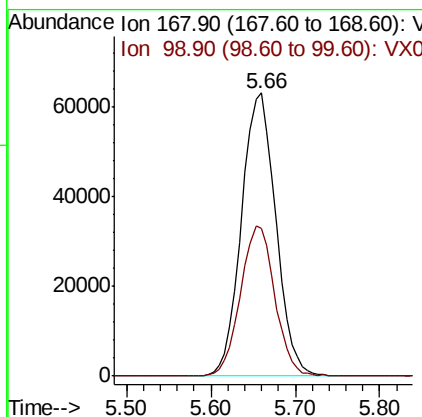
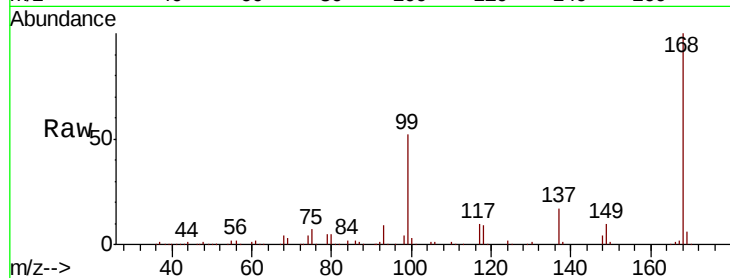




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.01 min
Lab File: VX011494.D
Acq: 12 Aug 2019 19:23

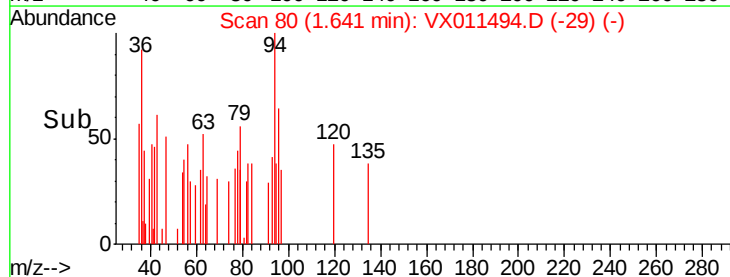
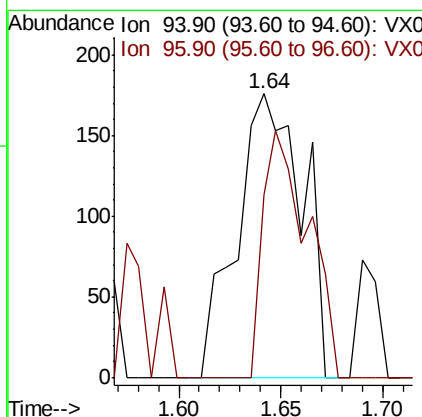
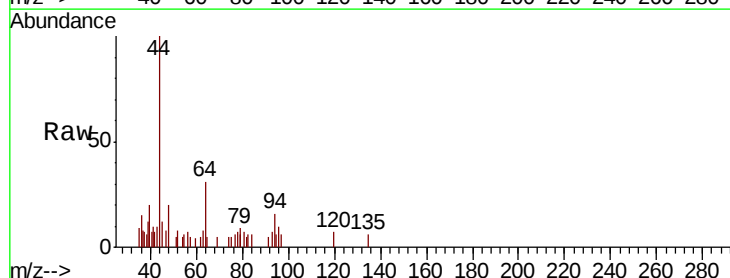
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB203-GW-803-805

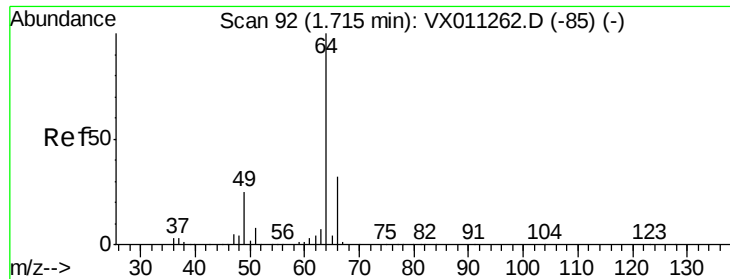
Tgt Ion: 168 Resp: 173901
Ion Ratio Lower Upper
168 100
99 52.1 38.5 57.7



#5
Bromomethane
Concen: 0.334 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX011494.D
Acq: 12 Aug 2019 19:23

Tgt Ion: 94 Resp: 395
Ion Ratio Lower Upper
94 100
96 99.4 74.6 112.0





#6

Chloroethane

Concen: Below Cal

RT: 1.75 min Scan# 98

Delta R.T. 0.04 min

Lab File: VX011494.D

Acq: 12 Aug 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

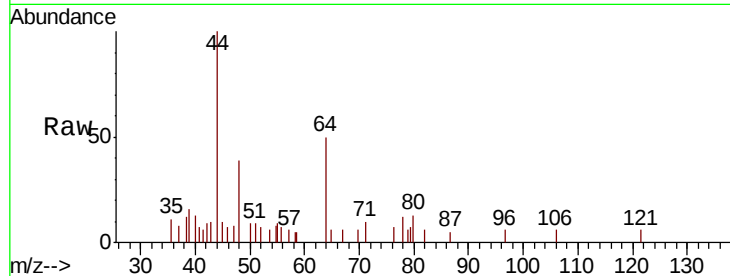
BP-VPB203-GW-803-805

Tgt Ion: 64 Resp: 162

Ion Ratio Lower Upper

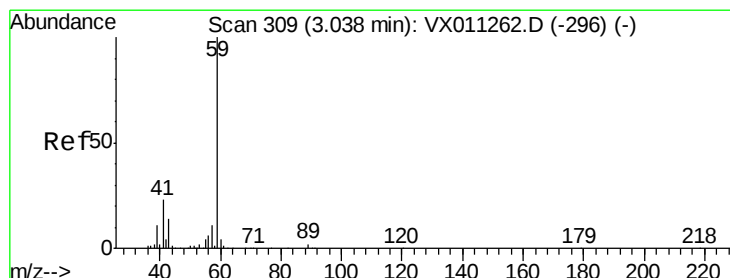
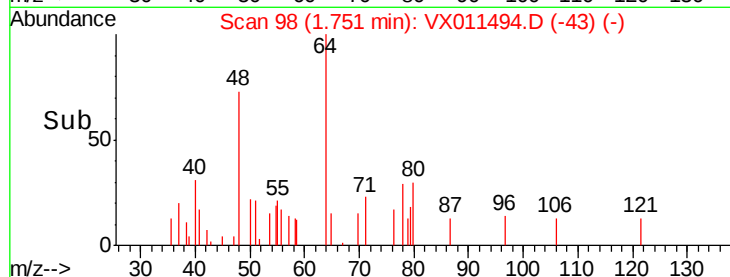
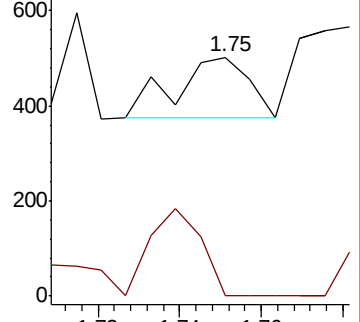
64 100

66 0.0 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#11

Tert butyl alcohol

Concen: 0.790 ug/l

RT: 3.00 min Scan# 303

Delta R.T. -0.04 min

Lab File: VX011494.D

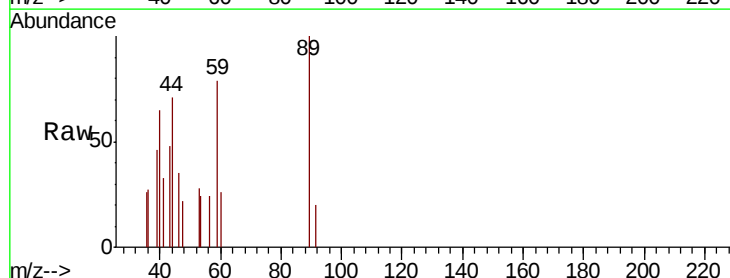
Acq: 12 Aug 2019 19:23

Tgt Ion: 59 Resp: 268

Ion Ratio Lower Upper

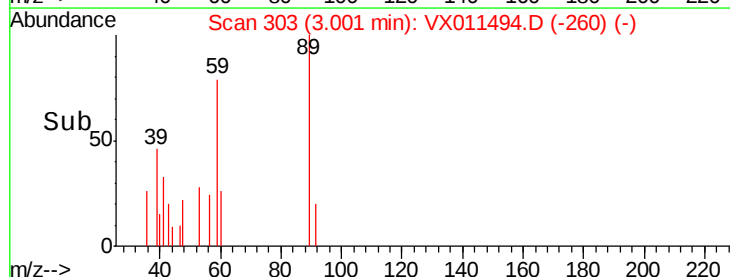
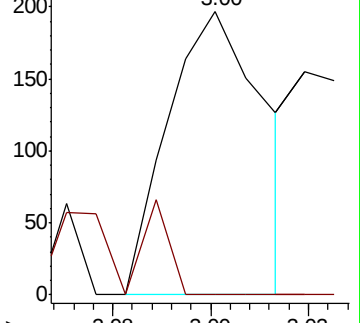
59 100

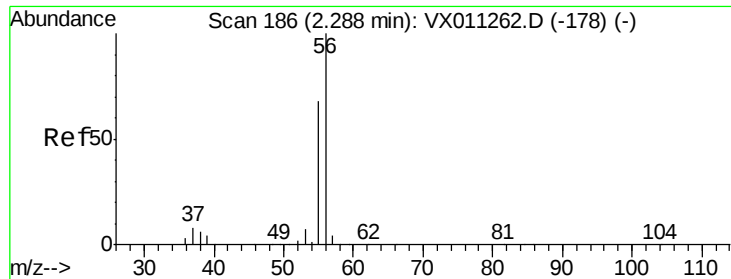
57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: Below Cal

RT: 2.29 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX011494.D

Acq: 12 Aug 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

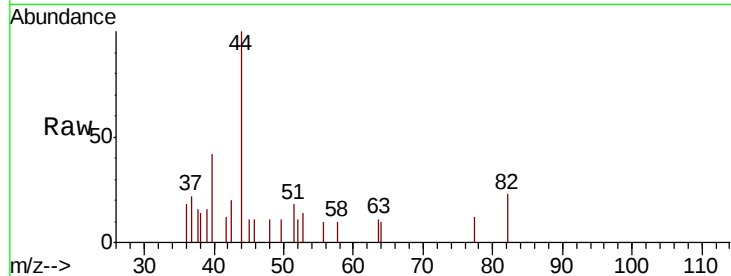
BP-VPB203-GW-803-805

Tgt Ion: 56 Resp: 19

Ion Ratio Lower Upper

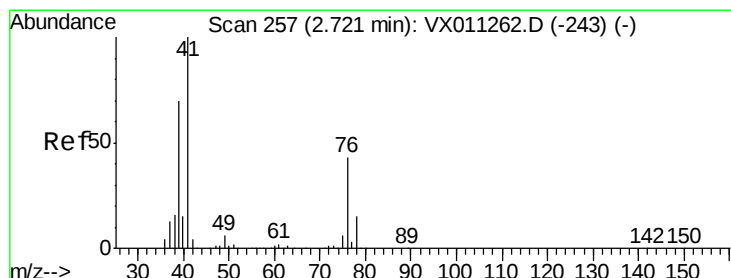
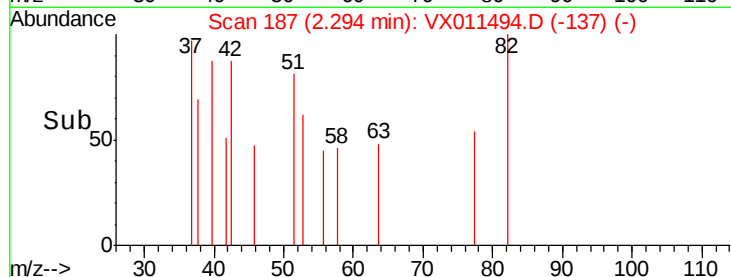
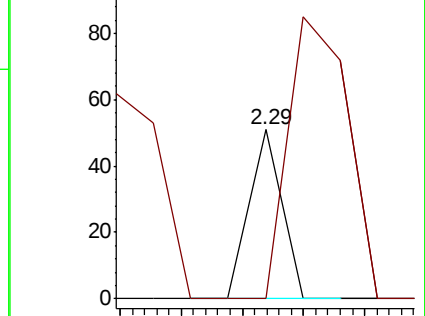
56 100

55 300.0 56.0 84.0#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 0.206 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011494.D

Acq: 12 Aug 2019 19:23

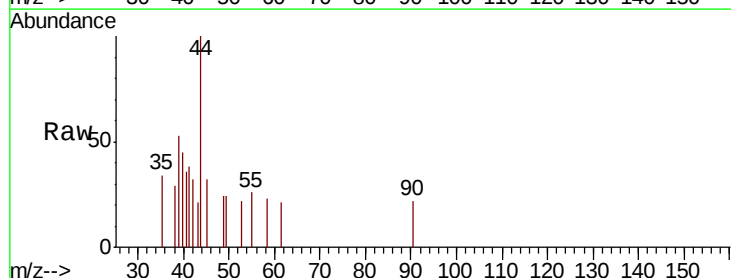
Tgt Ion: 41 Resp: 435

Ion Ratio Lower Upper

41 100

39 0.0 52.8 79.2#

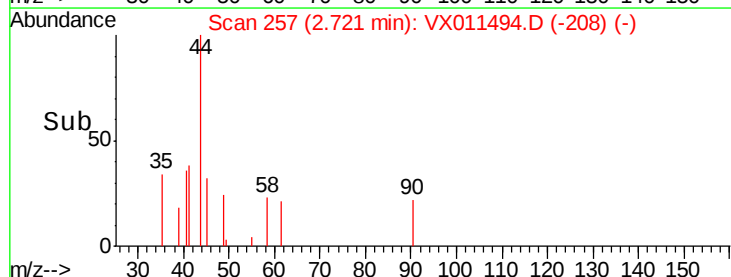
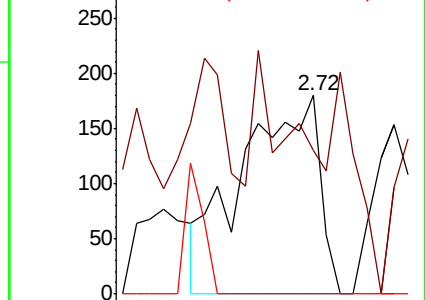
76 0.0 31.1 46.7#

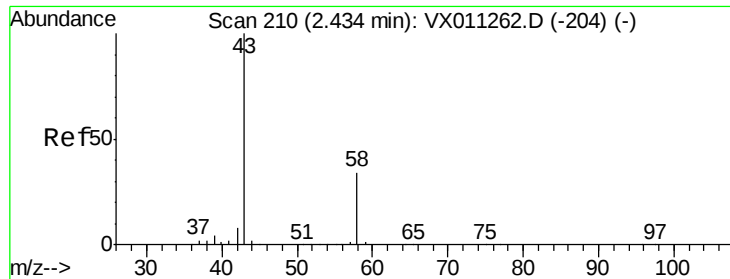


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#16

Acetone

Concen: 3.603 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011494.D

Acq: 12 Aug 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

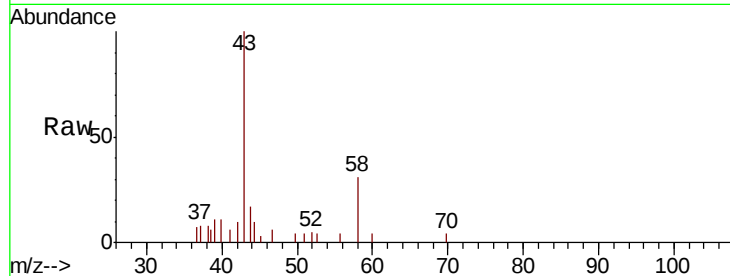
BP-VPB203-GW-803-805

Tgt Ion: 43 Resp: 3003

Ion Ratio Lower Upper

43 100

58 30.5 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

1500

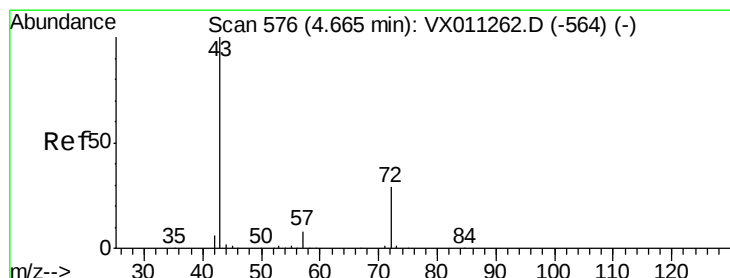
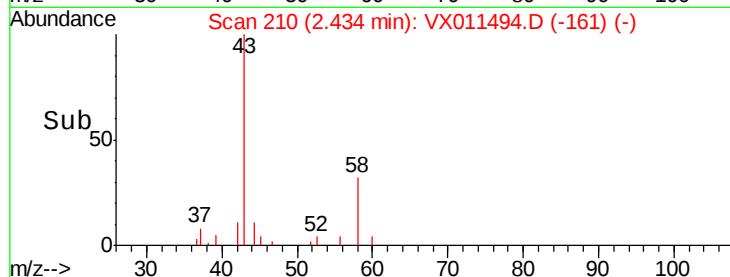
1000

500

0

2.35 2.40 2.45 2.50 2.55

Time-->



#25

2-Butanone

Concen: 0.463 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.03 min

Lab File: VX011494.D

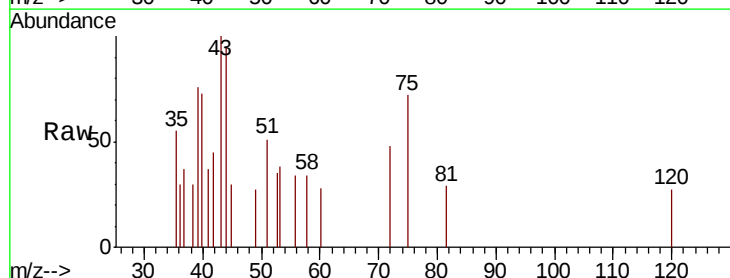
Acq: 12 Aug 2019 19:23

Tgt Ion: 43 Resp: 549

Ion Ratio Lower Upper

43 100

72 47.9 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

200

150

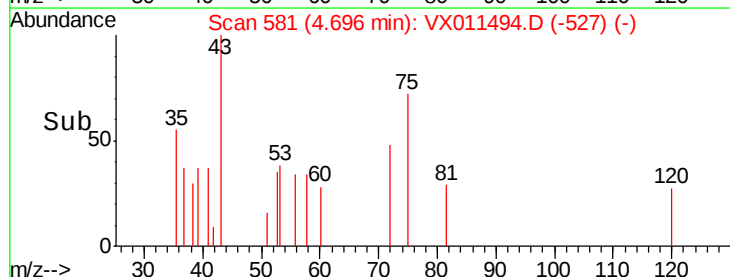
100

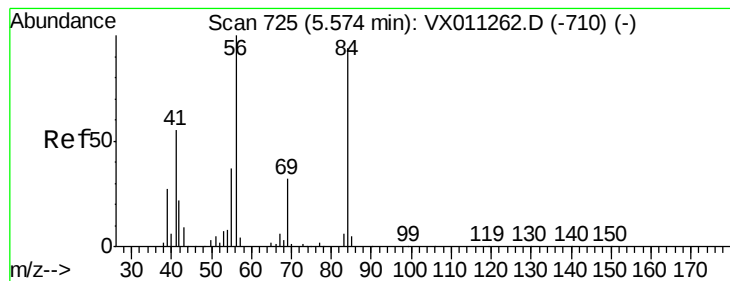
50

0

4.65 4.70

Time-->





#31

Cyclohexane

Concen: 1.502 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.08 min

Lab File: VX011494.D

Acq: 12 Aug 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB203-GW-803-805

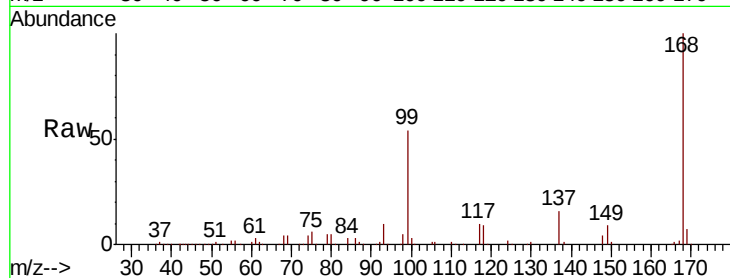
Tgt Ion: 56 Resp: 3388

Ion Ratio Lower Upper

56 100

69 198.1 25.5 38.3#

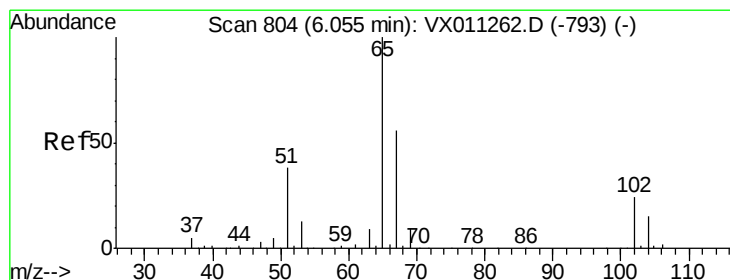
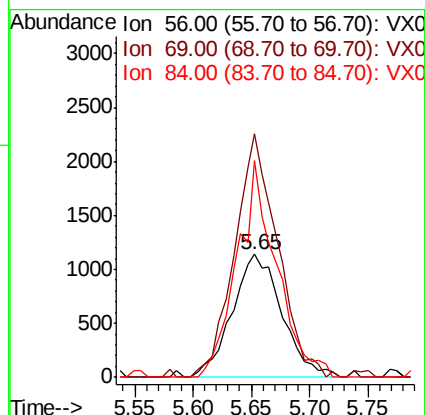
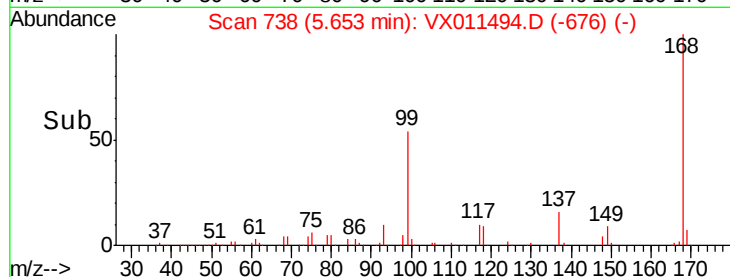
84 175.9 75.0 112.4#



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: 55.135 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011494.D

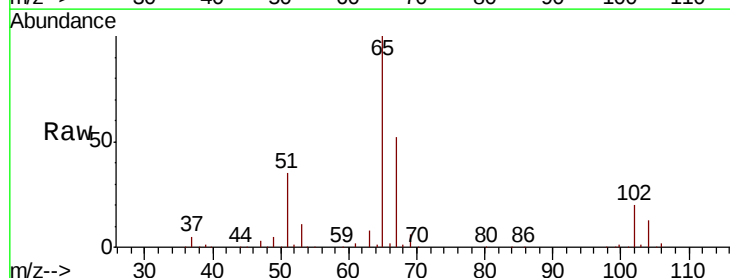
Acq: 12 Aug 2019 19:23

Tgt Ion: 65 Resp: 96557

Ion Ratio Lower Upper

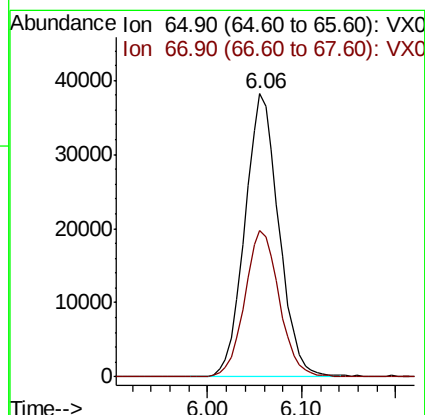
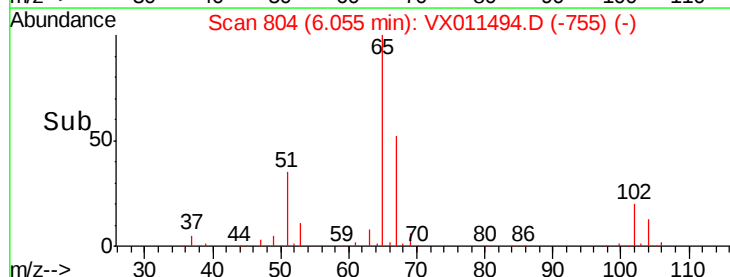
65 100

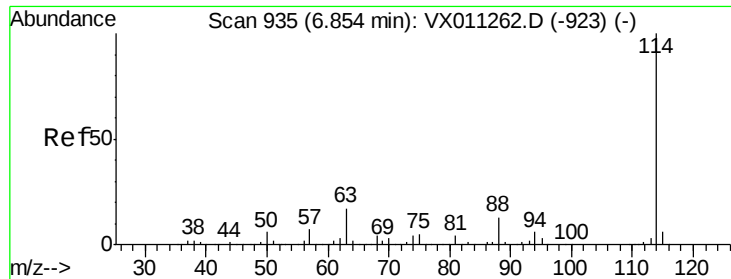
67 52.5 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

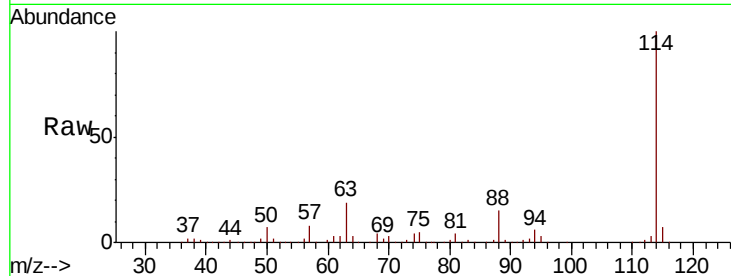




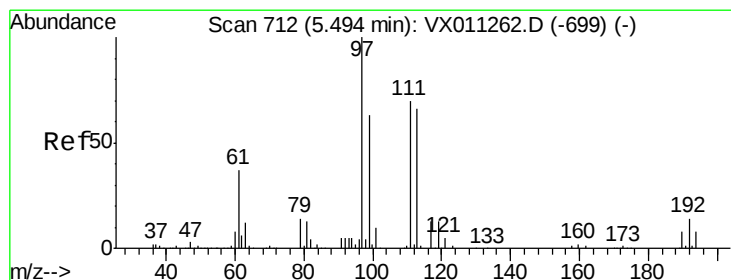
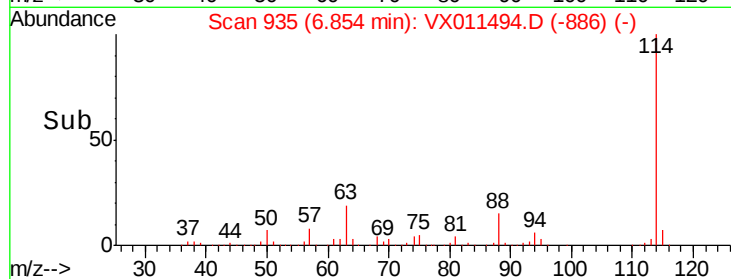
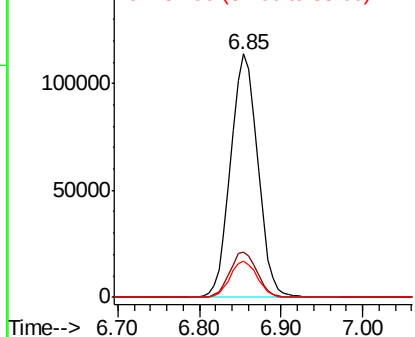
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. 0.00 min
Lab File: VX011494.D
Acq: 12 Aug 2019 19:23

Instrument :
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BP-VPB203-GW-803-805

Tgt Ion:114 Resp: 261508
Ion Ratio Lower Upper
114 100
63 18.8 0.0 34.0
88 15.1 0.0 26.4

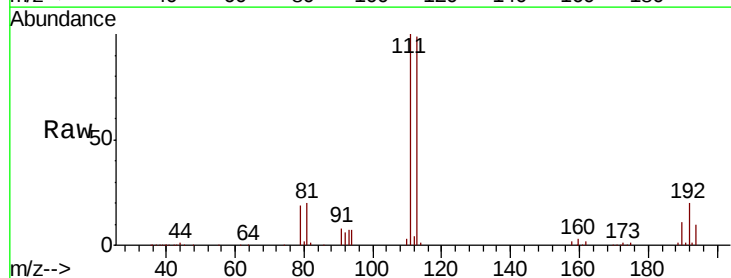


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

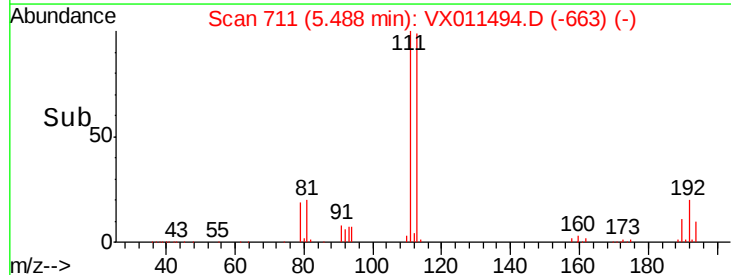
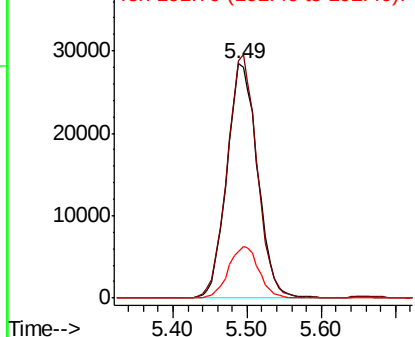


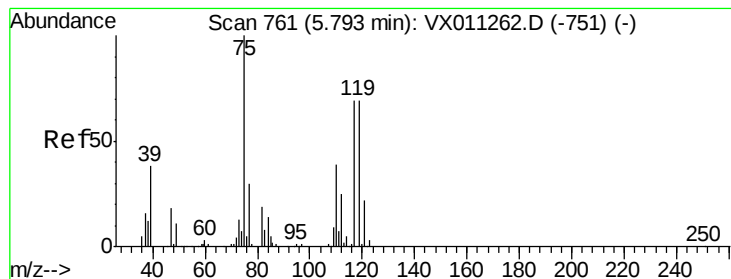
#35
Dibromofluoromethane
Concen: 48.082 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX011494.D
Acq: 12 Aug 2019 19:23

Tgt Ion:113 Resp: 82091
Ion Ratio Lower Upper
113 100
111 101.3 81.9 122.9
192 21.7 17.8 26.8



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: 5.175 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX011494.D

Acq: 12 Aug 2019 19:23

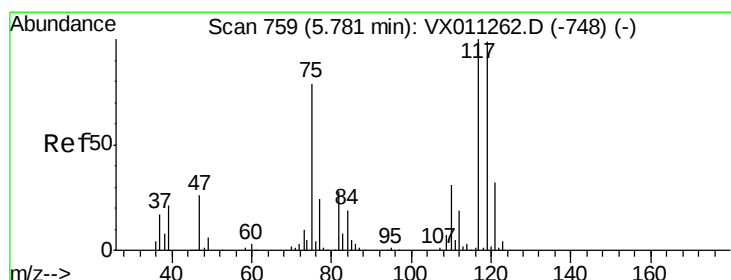
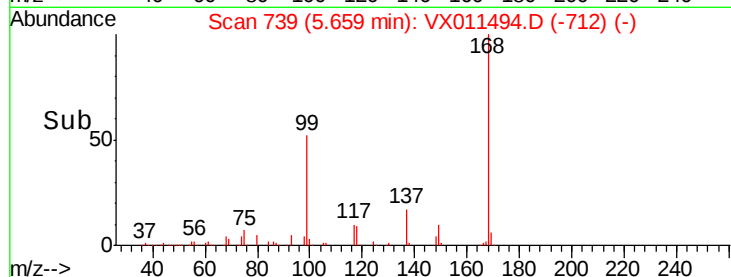
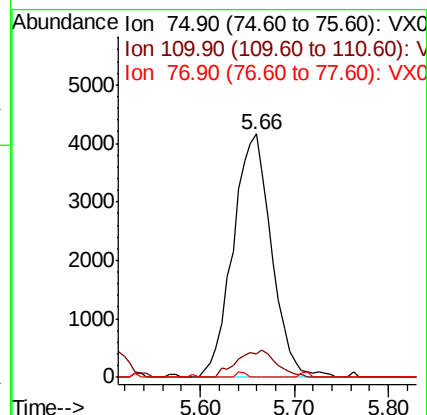
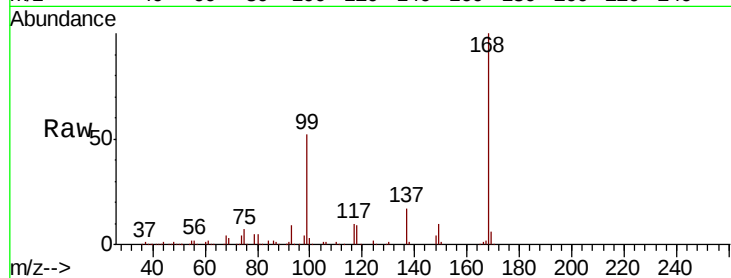
Instrument :

MSVOA_X

ClientSampleId :

BP-VPB203-GW-803-805

Tgt Ion:	75	Resp:	11815
Ion Ratio	Lower	Upper	
75	100		
110	11.6	20.0	59.9#
77	0.0	24.8	37.2#



#38

Carbon Tetrachloride

Concen: 7.348 ug/l

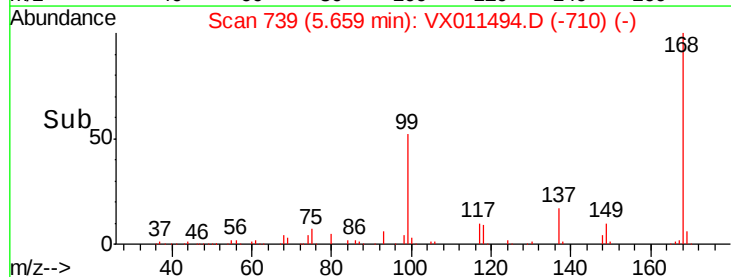
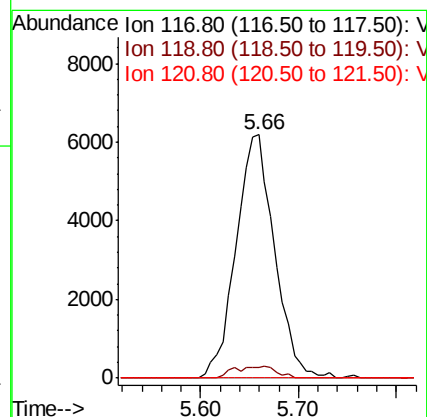
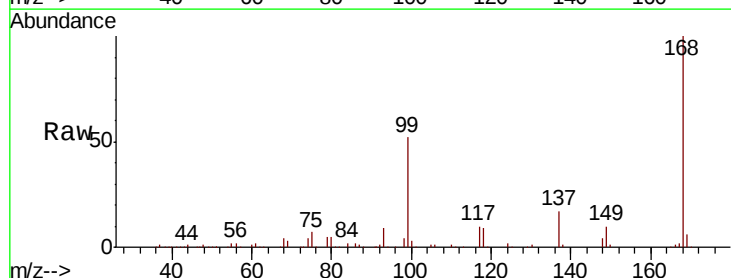
RT: 5.66 min Scan# 739

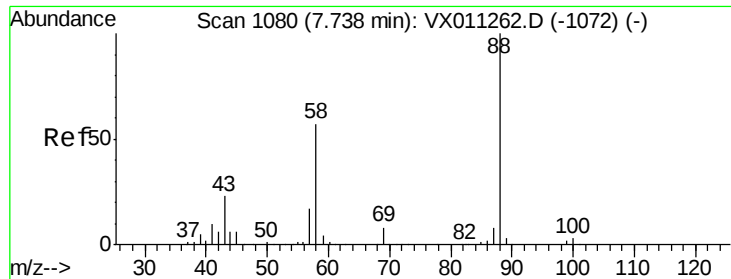
Delta R.T. -0.12 min

Lab File: VX011494.D

Acq: 12 Aug 2019 19:23

Tgt Ion:	117	Resp:	16878
Ion Ratio	Lower	Upper	
117	100		
119	4.6	79.0	118.4#
121	0.0	25.9	38.9#

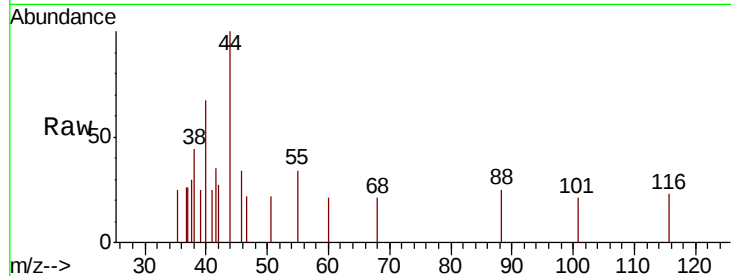




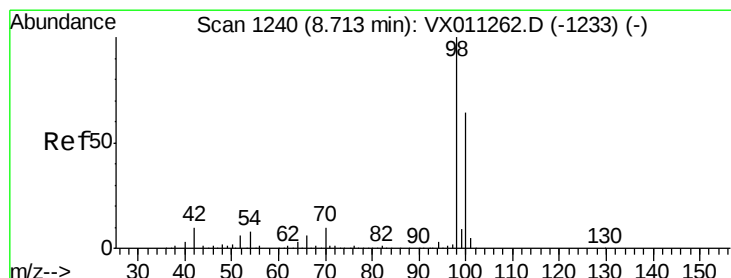
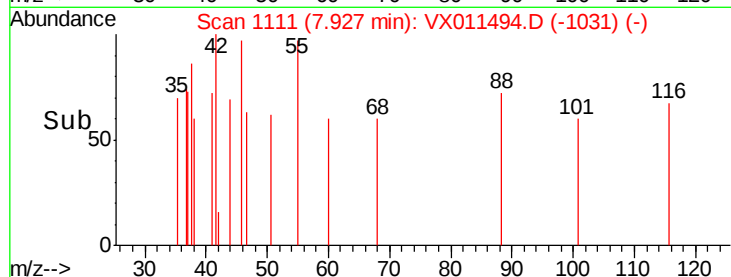
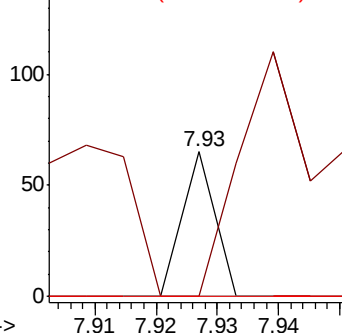
#49
 1,4-Dioxane
 Concen: 0.480 ug/l
 RT: 7.93 min Scan# 1111
 Delta R.T. 0.19 min
 Lab File: VX011494.D
 Acq: 12 Aug 2019 19:23

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB203-GW-803-805

Tgt Ion: 88 Resp: 24
 Ion Ratio Lower Upper
 88 100
 43 529.2 22.2 33.2#
 58 0.0 47.8 71.8#

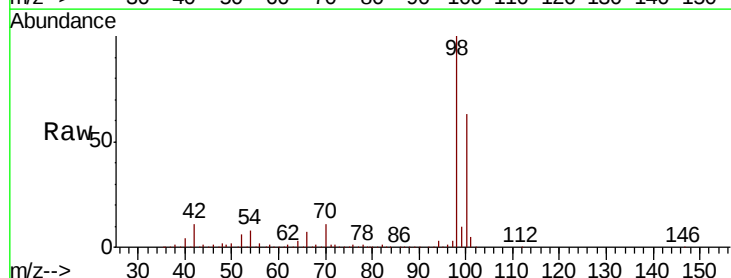


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

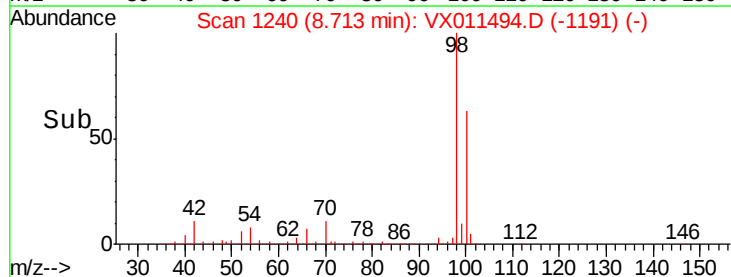
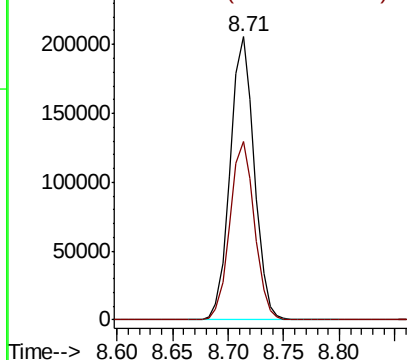


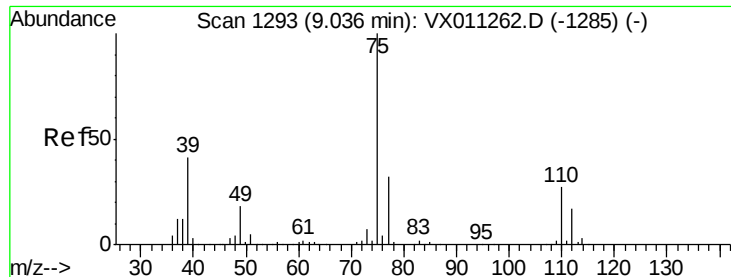
#50
 Toluene-d8
 Concen: 47.980 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX011494.D
 Acq: 12 Aug 2019 19:23

Tgt Ion: 98 Resp: 309217
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V

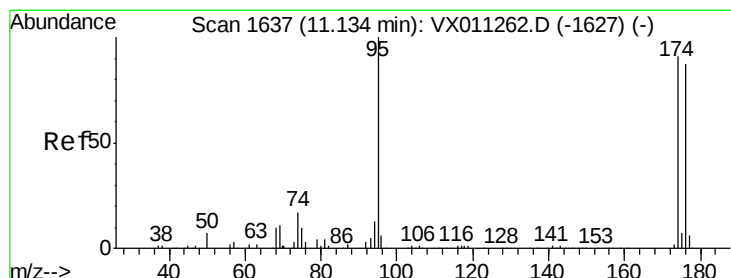
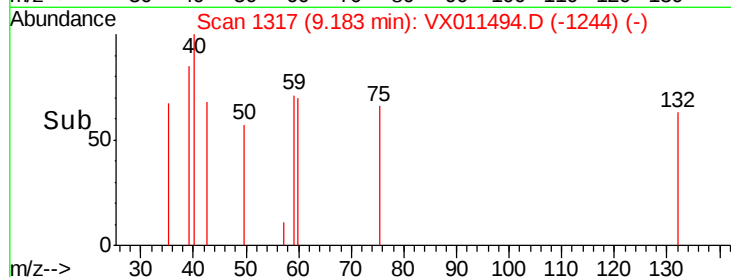
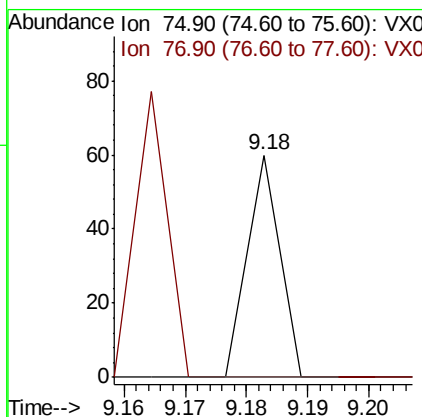
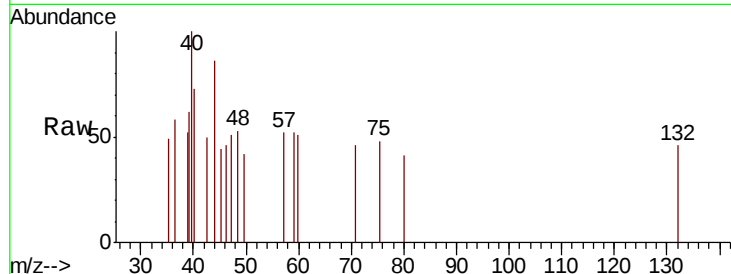




#53
t-1,3-Dichloropropene
Concen: 2.847 ug/l
RT: 9.18 min Scan# 1317
Delta R.T. 0.15 min
Lab File: VX011494.D
Acq: 12 Aug 2019 19:23

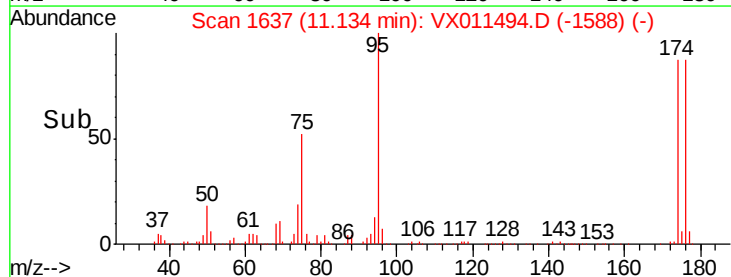
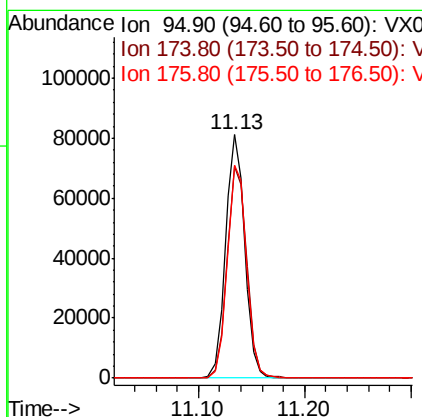
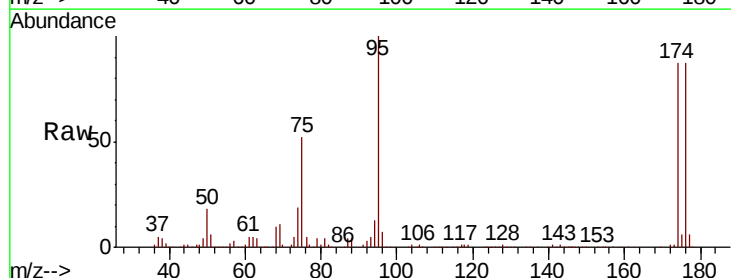
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB203-GW-803-805

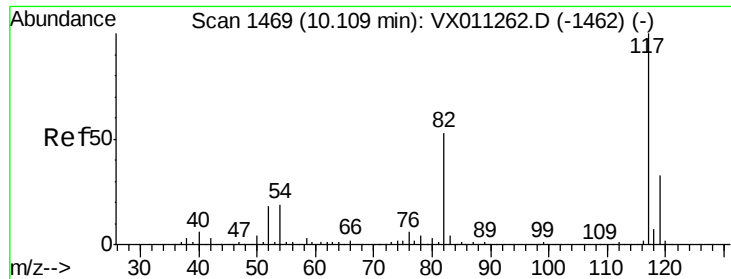
Tgt Ion: 75 Resp: 22
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#



#62
4-Bromofluorobenzene
Concen: 44.515 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011494.D
Acq: 12 Aug 2019 19:23

Tgt Ion: 95 Resp: 102425
Ion Ratio Lower Upper
95 100
174 90.0 0.0 191.2
176 88.2 0.0 184.8

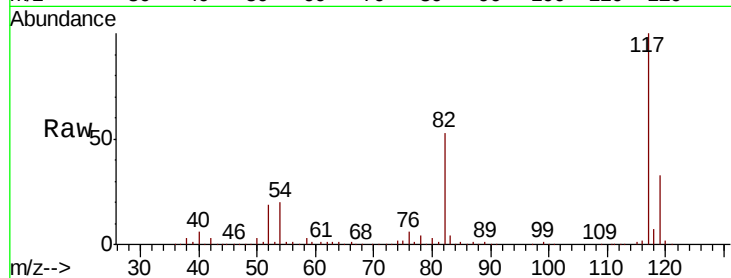




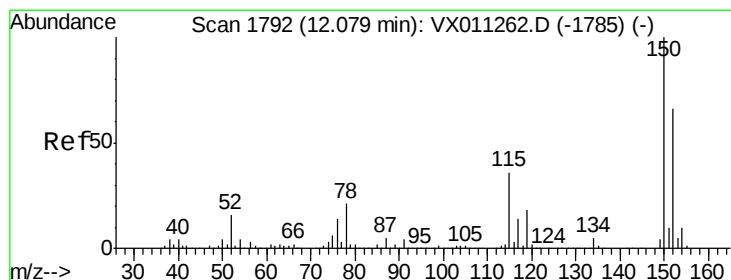
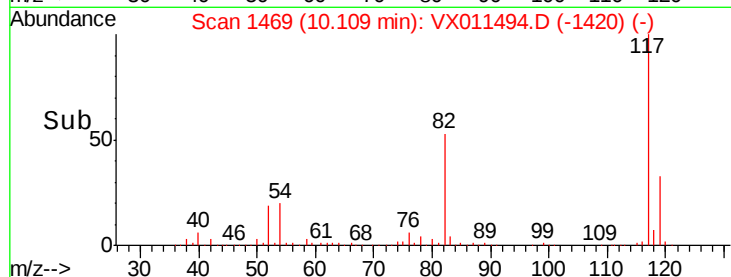
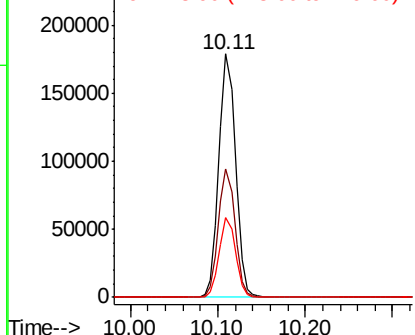
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011494.D
Acq: 12 Aug 2019 19:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB203-GW-803-805

Tgt Ion:117 Resp: 236716
Ion Ratio Lower Upper
117 100
82 52.6 42.2 63.2
119 32.7 26.6 39.8

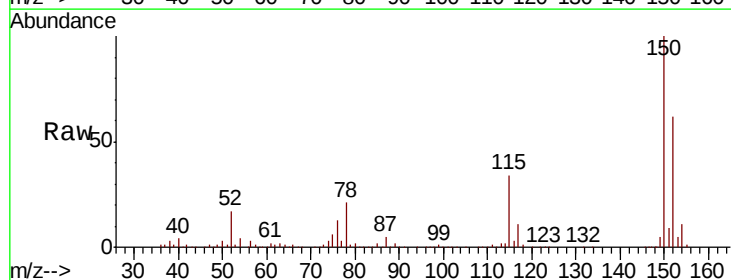


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

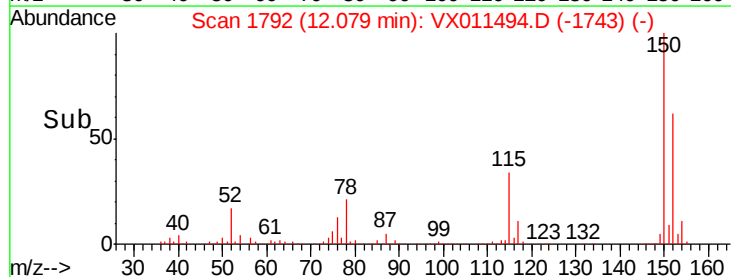
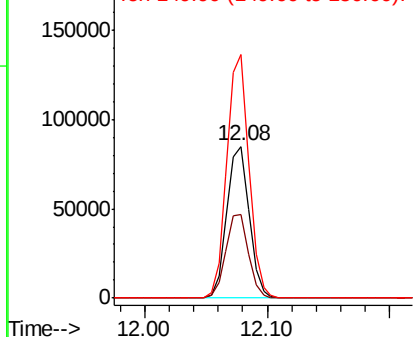


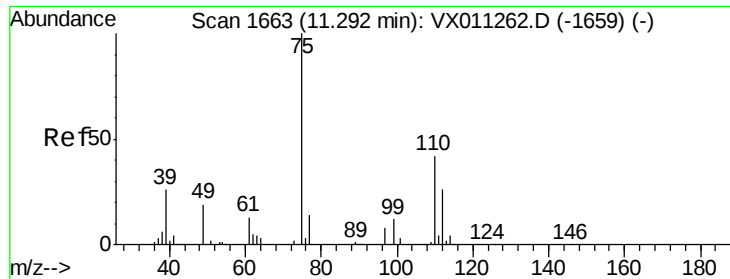
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011494.D
Acq: 12 Aug 2019 19:23

Tgt Ion:152 Resp: 107428
Ion Ratio Lower Upper
152 100
115 56.0 40.0 119.9
150 157.9 0.0 350.4



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

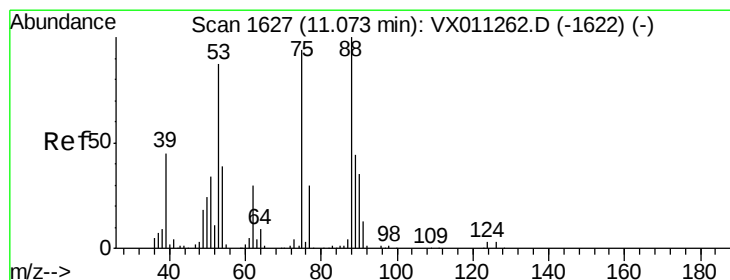
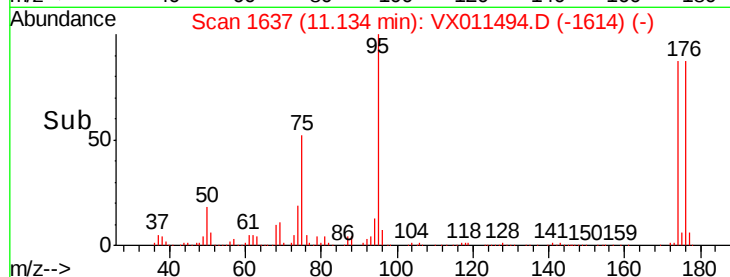
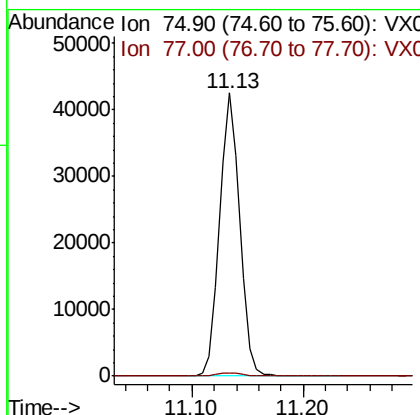
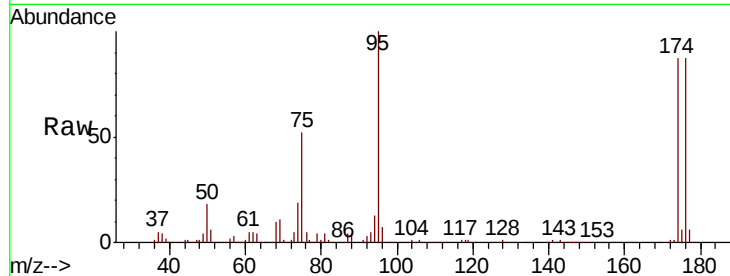




#76
 1,2,3-Trichloropropane
 Concen: 27.243 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX011494.D
 Acq: 12 Aug 2019 19:23

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB203-GW-803-805

Tgt Ion: 75 Resp: 53298
 Ion Ratio Lower Upper
 75 100
 77 1.3 21.1 63.4#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.687 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX011494.D
 Acq: 12 Aug 2019 19:23

Tgt Ion: 75 Resp: 53298
 Ion Ratio Lower Upper
 75 100
 53 0.2 78.2 117.4#
 89 0.0 37.9 56.9#

