

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071018\
 Data File : VX003317.D
 Acq On : 11 Jul 2018 06:50
 Operator : JC/MD
 Sample : J3911-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RB47196RT

Quant Time: Jul 11 07:11:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	270809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	369749	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	342012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	207209	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	159919	37.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.04%	
35) Dibromofluoromethane	5.51	113	145000	36.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.00%	
50) Toluene-d8	8.72	98	511255	36.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.46%	
62) 4-Bromofluorobenzene	11.14	95	182641	35.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.06%	

Target Compounds

						Qvalue
5) Bromomethane	1.65	94	1207	Below Cal		96
10) Methyl Iodide	2.52	142	1091	5.91 ug/l	#	91
11) Tert butyl alcohol	3.07	59	1558	2.02 ug/l	#	82
13) Acrolein	2.29	56	466	0.75 ug/l		93
14) Allyl chloride	2.70	41	1496	0.27 ug/l	#	34
16) Acetone	2.45	43	41422	27.38 ug/l		95
17) Carbon Disulfide	2.57	76	3531	0.42 ug/l		97
18) Methyl Acetate	2.79	43	1444	0.34 ug/l		96
20) Methylene Chloride	2.86	84	7892	1.87 ug/l		99
25) 2-Butanone	4.71	43	19482	7.28 ug/l		95
29) Tetrahydrofuran	5.18	42	15151	8.72 ug/l		96
30) Chloroform	5.22	83	79419	12.10 ug/l		98
31) Cyclohexane	5.67	56	4314	0.77 ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	16076	3.07 ug/l	#	51
37) Ethyl Acetate	4.71	43	19482	3.40 ug/l	#	71
38) Carbon Tetrachloride	5.67	117	23093	4.03 ug/l	#	16
41) Methacrylonitrile	5.18	41	9686	3.08 ug/l	#	50
47) Bromodichloromethane	7.90	83	18542	3.66 ug/l		94
51) 4-Methyl-2-Pentanone	8.65	43	3042	0.54 ug/l	#	85
52) Toluene	8.79	92	1146953	116.97 ug/l		98
54) cis-1,3-Dichloropropene	8.79	75	13380	2.46 ug/l	#	1
59) 2-Hexanone	9.51	43	1458	0.34 ug/l		80
60) Dibromochloromethane	9.59	129	5380	1.27 ug/l		95
67) Ethyl Benzene	10.26	91	3958	0.21 ug/l		96
68) m/p-Xylenes	10.37	106	3750	0.51 ug/l		94
69) o-Xylene	10.70	106	2154	0.30 ug/l		98
76) 1,2,3-Trichloropropane	11.14	75	87351	19.51 ug/l	#	33
78) n-propylbenzene	11.37	91	5020	0.28 ug/l		100
79) 2-Chlorotoluene	11.44	91	2530	0.23 ug/l	#	43
80) 1,3,5-Trimethylbenzene	11.51	105	6409	0.47 ug/l		99
81) trans-1,4-Dichloro-2-buten	11.14	75	87351	63.75 ug/l	#	7
83) tert-Butylbenzene	11.81	119	3744	0.28 ug/l	#	45
84) 1,2,4-Trimethylbenzene	11.81	105	26713	1.91 ug/l		100
86) p-Isopropyltoluene	12.07	119	22537	1.54 ug/l		96

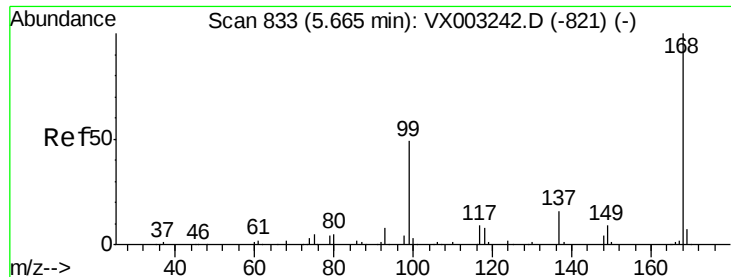
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071018\
Data File : VX003317.D
Acq On : 11 Jul 2018 06:50
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 09 15:24:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,3-Dichlorobenzene	12.10	146	11699	1.35	ug/l	84
88) 1,4-Dichlorobenzene	12.10	146	11699	1.33	ug/l	84
89) n-Butylbenzene	12.39	91	4110	0.34	ug/l #	40
90) Hexachloroethane	12.59	117	859	0.38	ug/l #	1
95) Naphthalene	13.84	128	25316	1.53	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003317.D

Acq: 11 Jul 2018 06:50

Instrument :

MSVOA_X

ClientSampled :

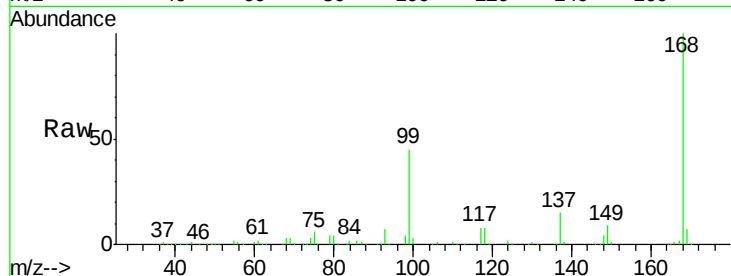
RB47196RT

Tot Ion:168 Resp: 270809

Ion Ratio Lower Upper

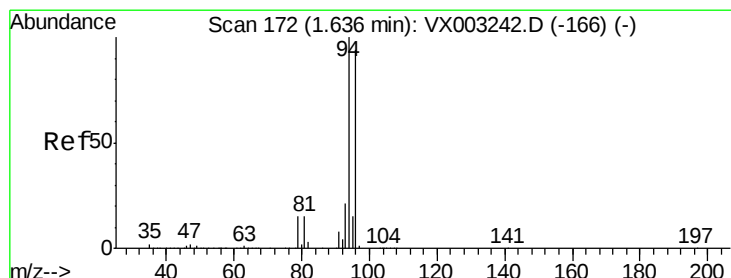
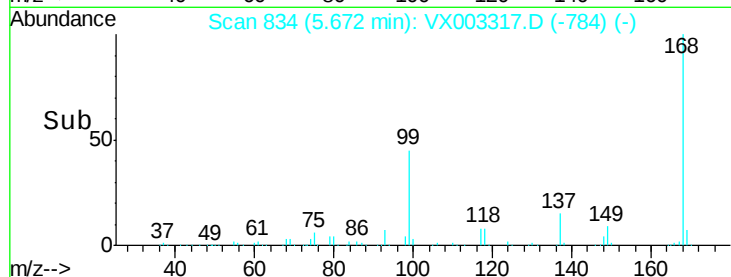
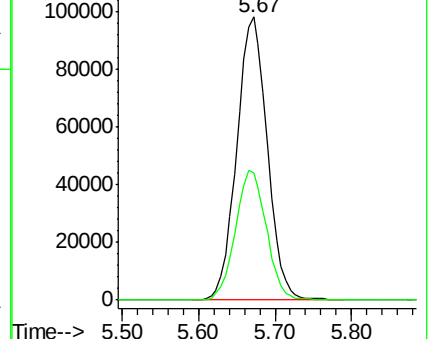
168 100

99 45.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX003317.D

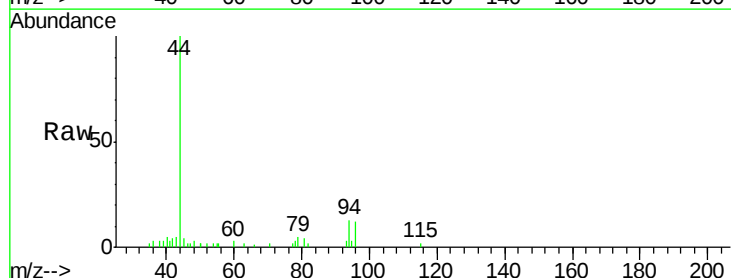
Acq: 11 Jul 2018 06:50

Tgt Ion: 94 Resp: 1207

Ion Ratio Lower Upper

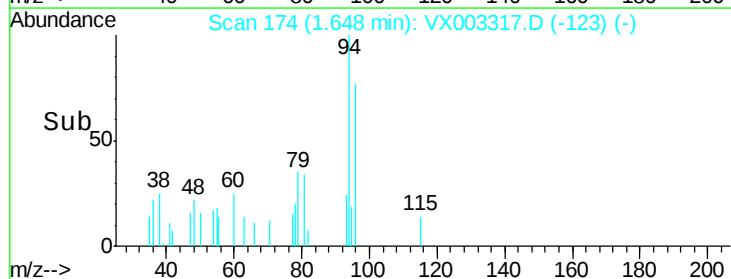
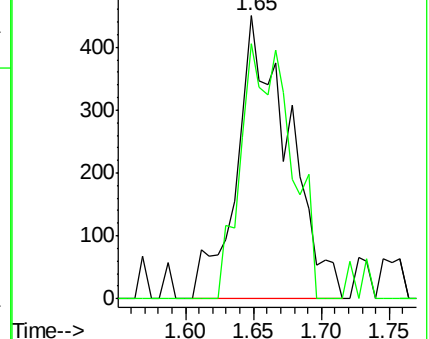
94 100

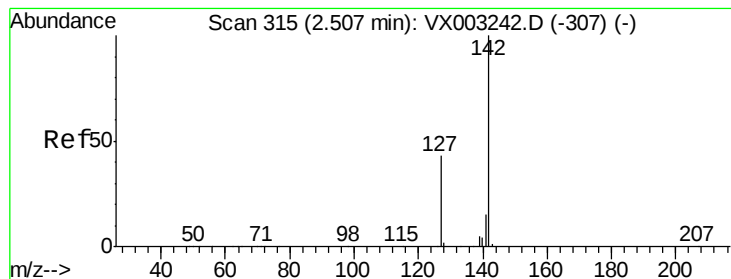
96 90.2 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#10

Methvl Iodide

Concen: 5.91 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003317.D

Acq: 11 Jul 2018 06:50

Instrument :

MSVOA_X

ClientSampleId :

RB47196RT

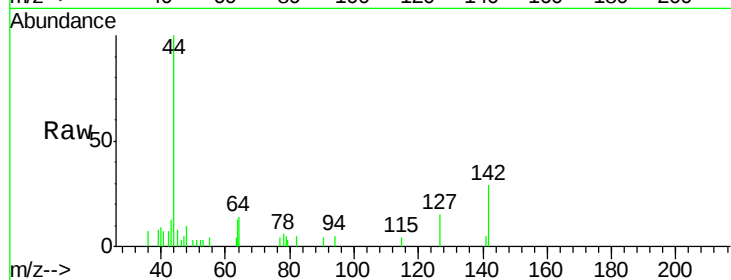
Tot Ion:142 Resp: 1091

Ion Ratio Lower Upper

142 100

127 40.6 36.6 55.0

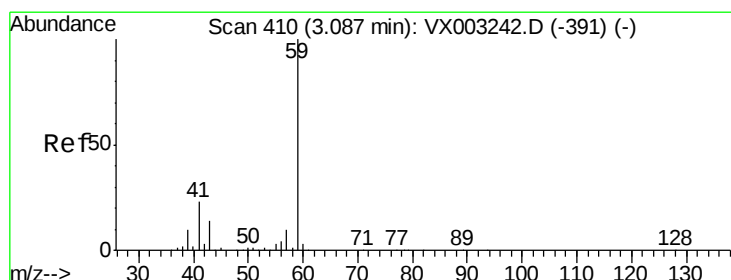
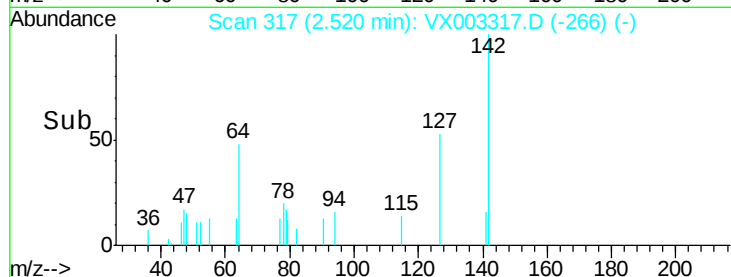
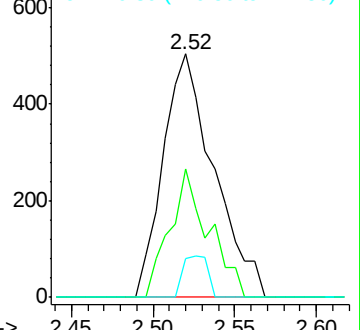
141 8.4 11.3 16.9#



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



#11

Tert butyl alcohol

Concen: 2.02 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.02 min

Lab File: VX003317.D

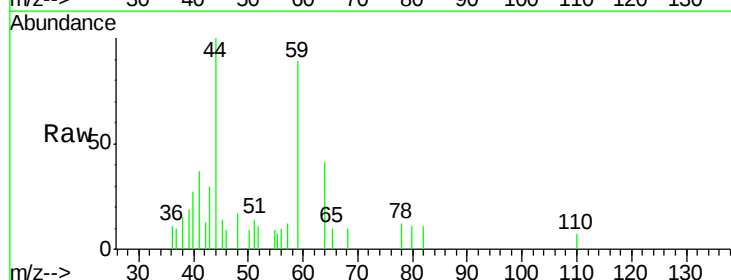
Acq: 11 Jul 2018 06:50

Tgt Ion: 59 Resp: 1558

Ion Ratio Lower Upper

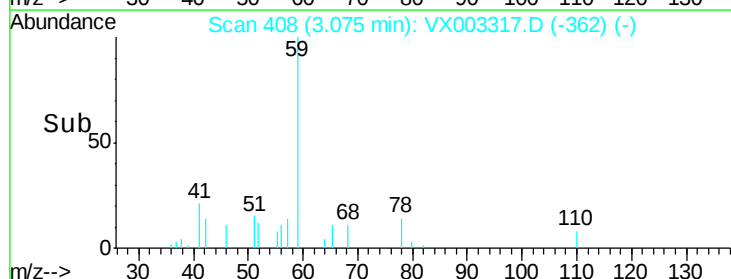
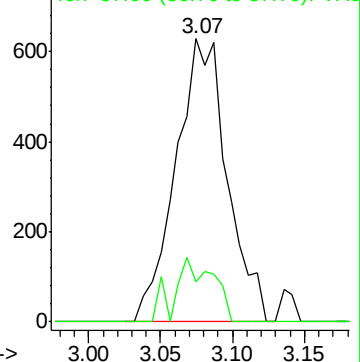
59 100

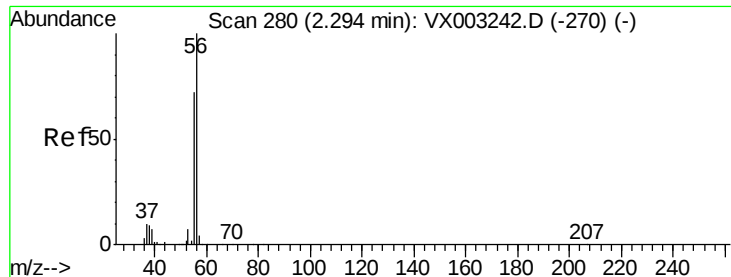
57 16.8 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.75 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003317.D

Acq: 11 Jul 2018 06:50

Instrument :

MSVOA_X

ClientSampled :

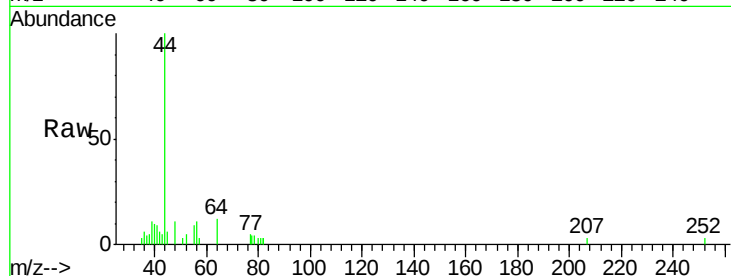
RB47196RT

Tot Ion: 56 Resp: 466

Ion Ratio Lower Upper

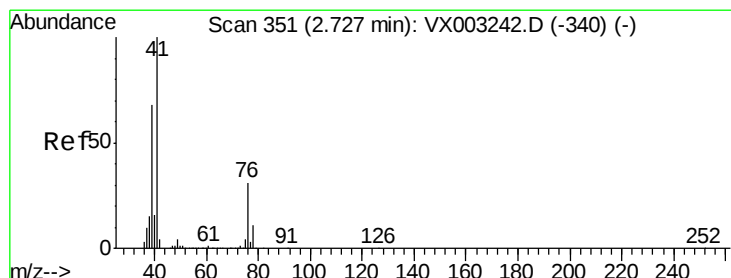
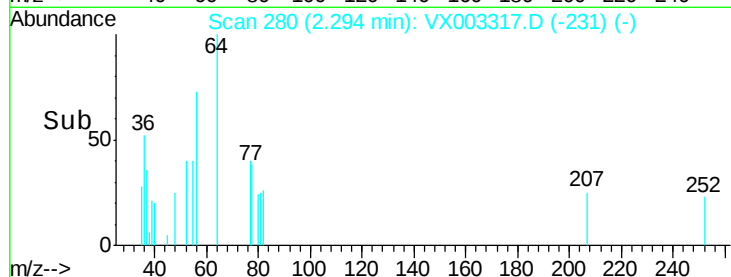
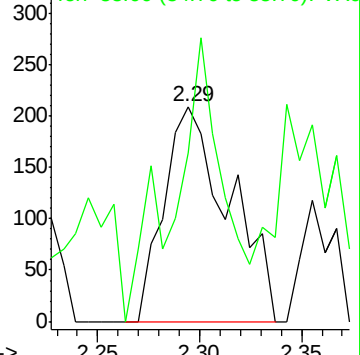
56 100

55 76.8 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 0.27 ug/l

RT: 2.70 min Scan# 347

Delta R.T. -0.02 min

Lab File: VX003317.D

Acq: 11 Jul 2018 06:50

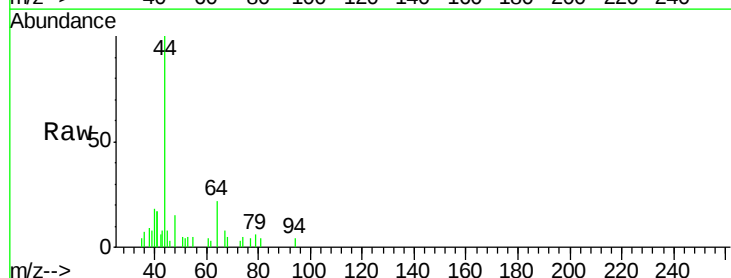
Tgt Ion: 41 Resp: 1496

Ion Ratio Lower Upper

41 100

39 13.1 56.8 85.2#

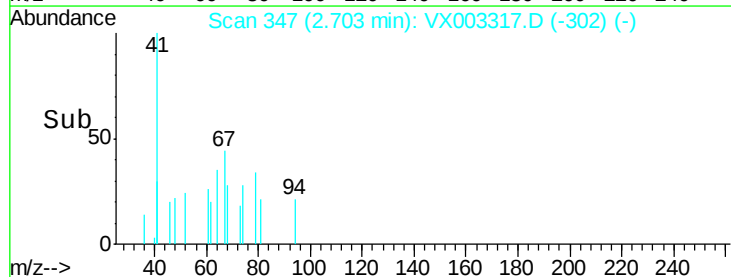
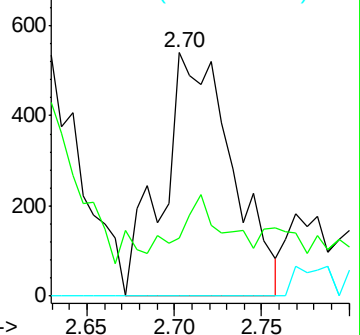
76 0.0 23.8 35.8#

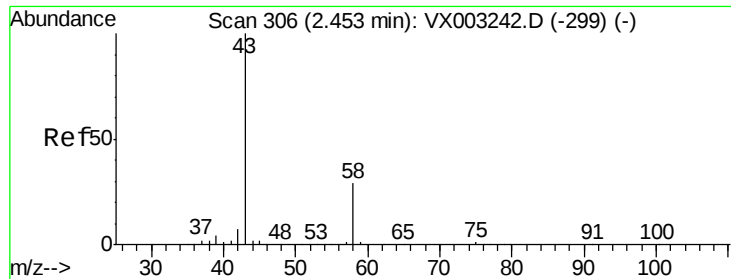


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#16

Acetone

Concen: 27.38 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003317.D

Acq: 11 Jul 2018 06:50

Instrument :

MSVOA_X

ClientSampled :

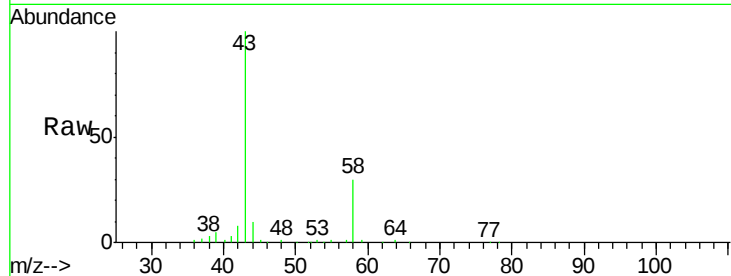
RB47196RT

Tot Ion: 43 Resp: 41422

Ion Ratio Lower Upper

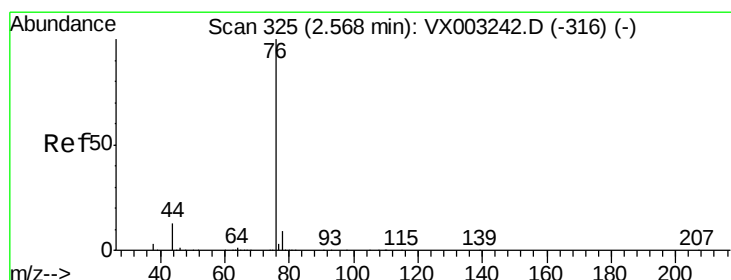
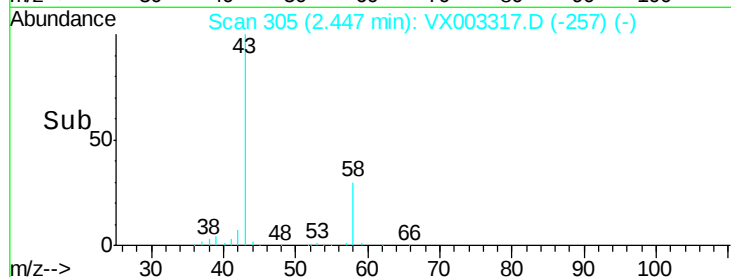
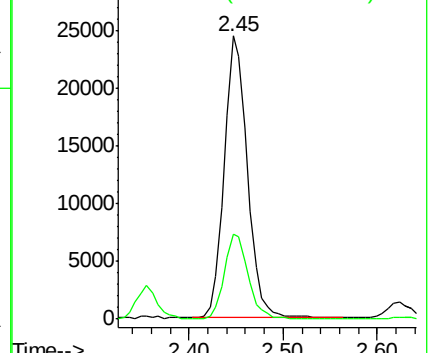
43 100

58 30.2 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.42 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003317.D

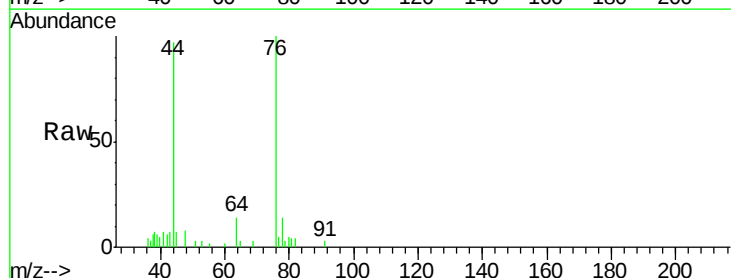
Acq: 11 Jul 2018 06:50

Tgt Ion: 76 Resp: 3531

Ion Ratio Lower Upper

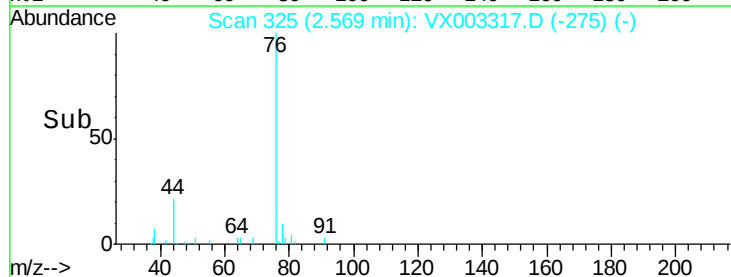
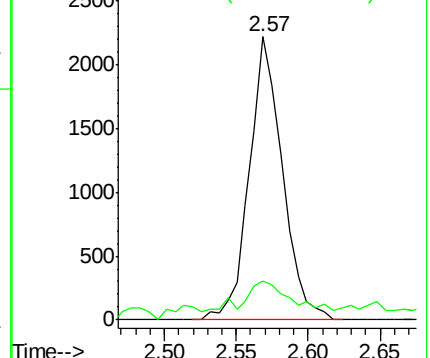
76 100

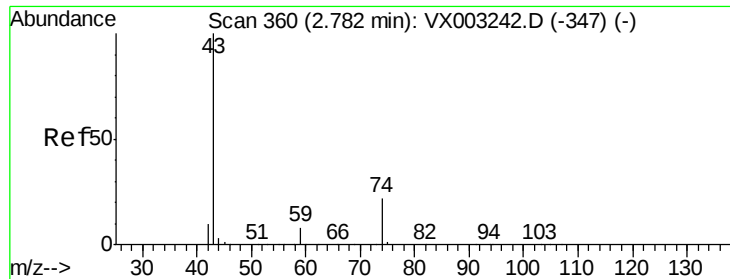
78 9.5 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

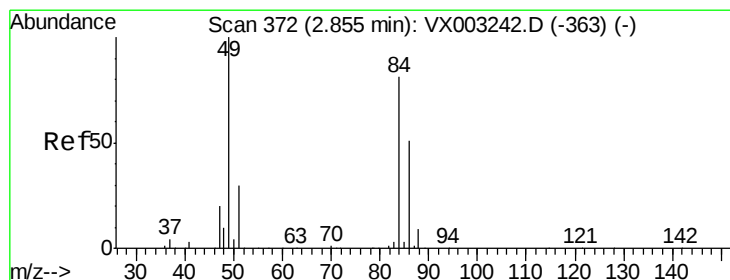
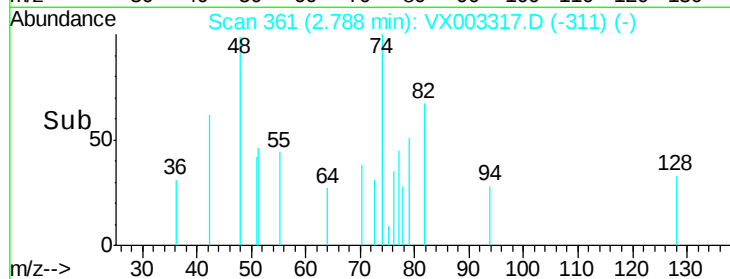
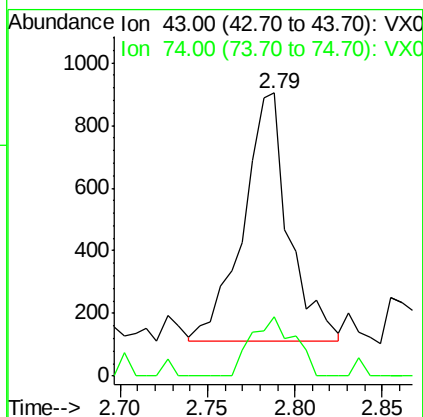
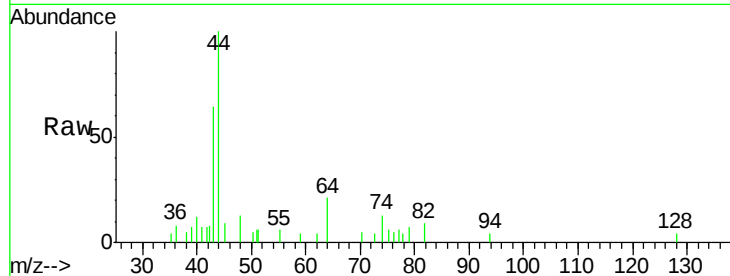




#18
Methyl Acetate
Concen: 0.34 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX003317.D
Acq: 11 Jul 2018 06:50

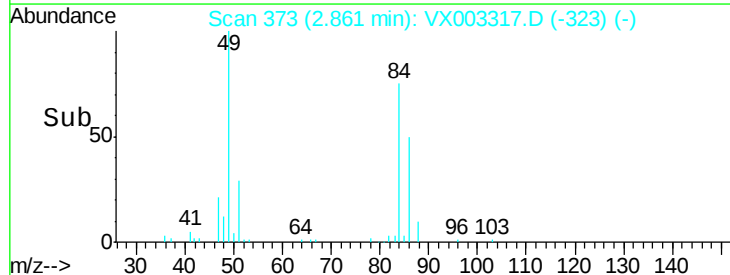
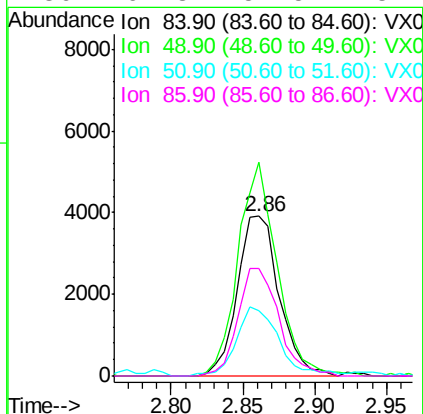
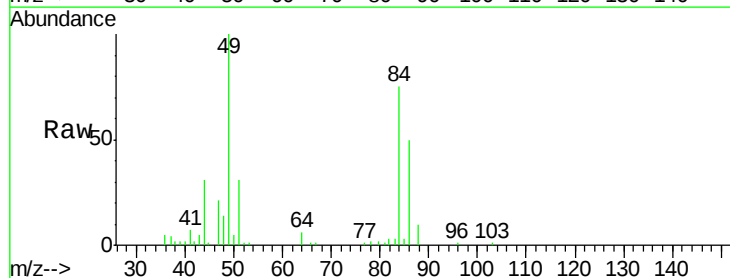
Instrument :
MSVOA_X
ClientSampled :
RB47196RT

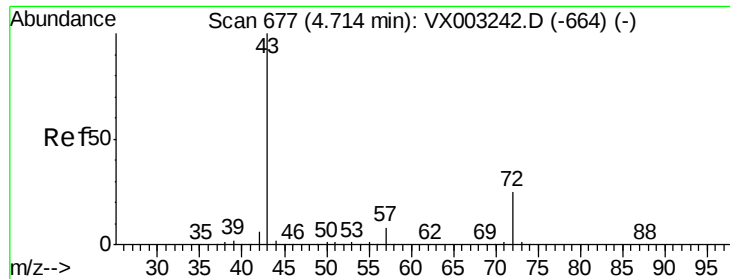
Tot Ion: 43 Resp: 1444
Ion Ratio Lower Upper
43 100
74 22.6 16.7 25.1



#20
Methylene Chloride
Concen: 1.87 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003317.D
Acq: 11 Jul 2018 06:50

Tgt Ion: 84 Resp: 7892
Ion Ratio Lower Upper
84 100
49 133.9 107.8 161.6
51 41.2 32.8 49.2
86 67.3 52.5 78.7





#25

2-Butanone

Concen: 7.28 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX003317.D

Acq: 11 Jul 2018 06:50

Instrument :

MSVOA_X

ClientSampleId :

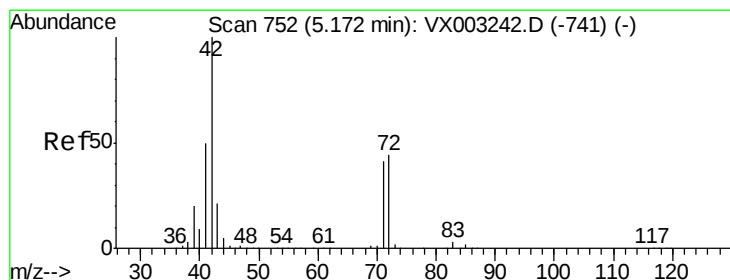
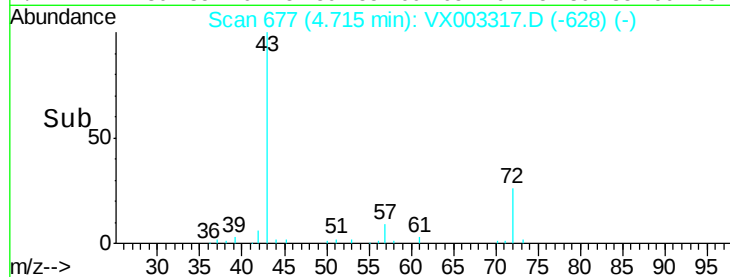
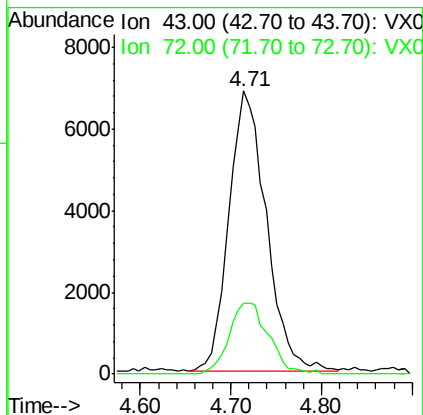
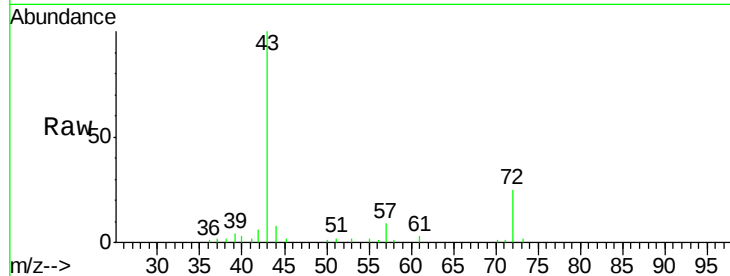
RB47196RT

Tot Ion: 43 Resp: 19482

Ion Ratio Lower Upper

43 100

72 25.5 18.5 27.7



#29

Tetrahydrofuran

Concen: 8.72 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX003317.D

Acq: 11 Jul 2018 06:50

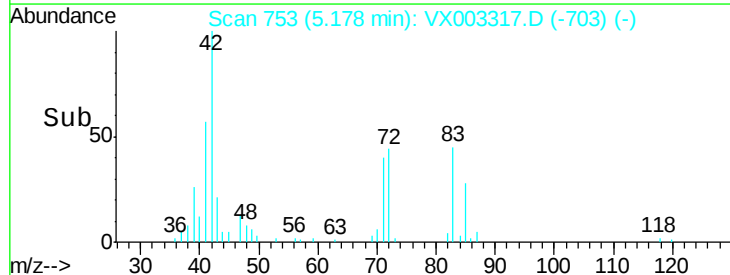
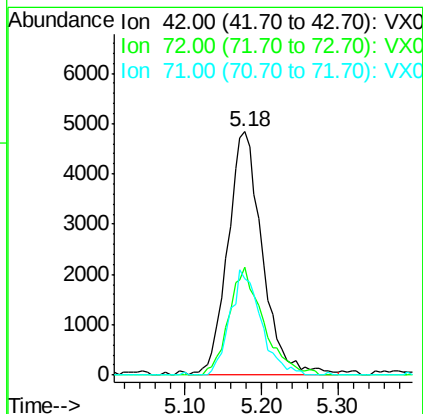
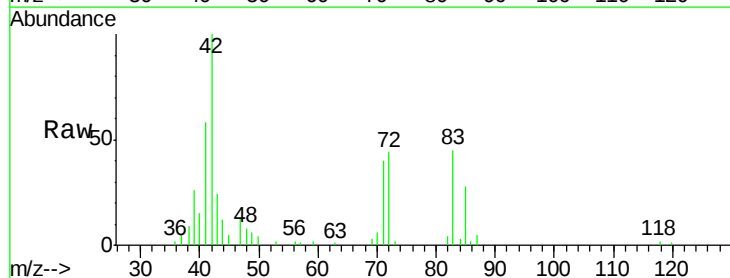
Tgt Ion: 42 Resp: 15151

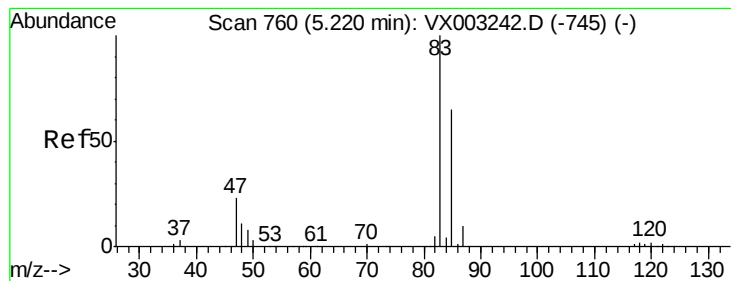
Ion Ratio Lower Upper

42 100

72 44.1 32.0 48.0

71 38.4 30.1 45.1





#30

Chloroform

Concen: 12.10 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX003317.D

Acq: 11 Jul 2018 06:50

Instrument :

MSVOA_X

ClientSampleId :

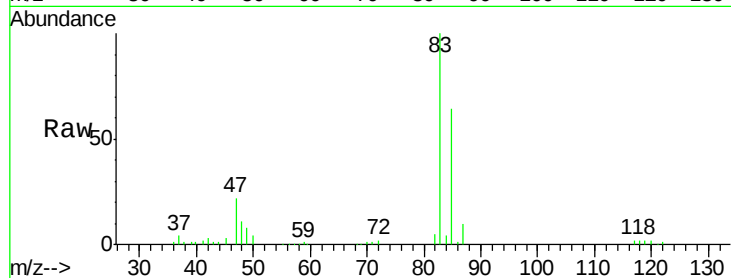
RB47196RT

Tot Ion: 83 Resp: 79419

Ion Ratio Lower Upper

83 100

85 64.5 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

5.22

30000

25000

20000

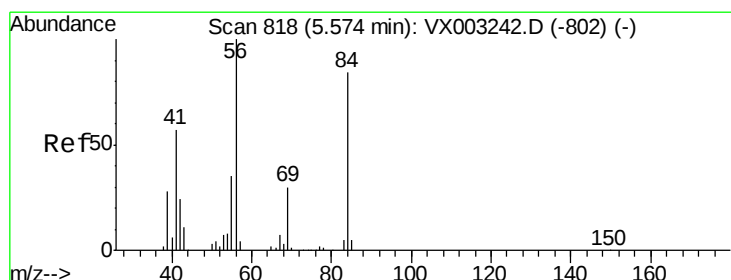
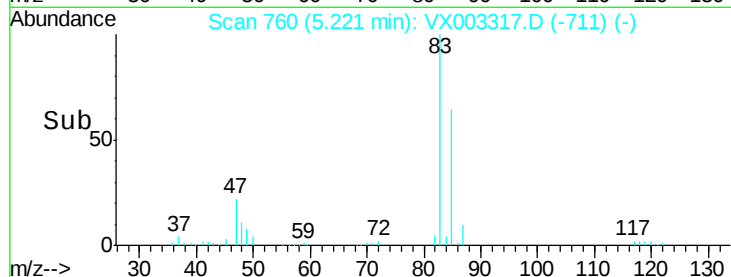
15000

10000

5000

0

Time-->



#31

Cyclohexane

Concen: 0.77 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX003317.D

Acq: 11 Jul 2018 06:50

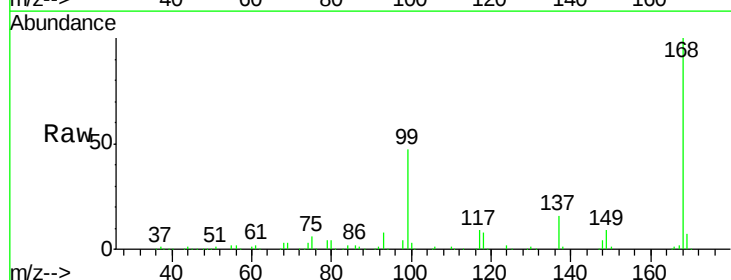
Tgt Ion: 56 Resp: 4314

Ion Ratio Lower Upper

56 100

69 182.5 23.7 35.5#

84 144.7 64.1 96.1#



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

4000

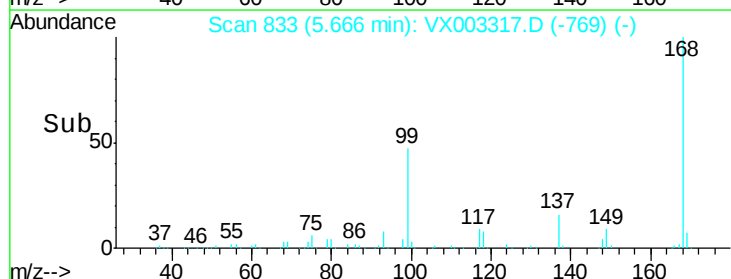
3000

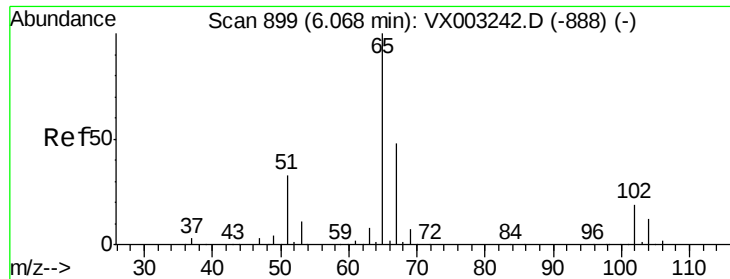
2000

1000

0

Time-->

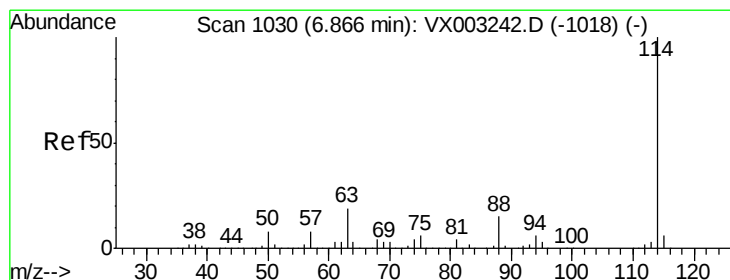
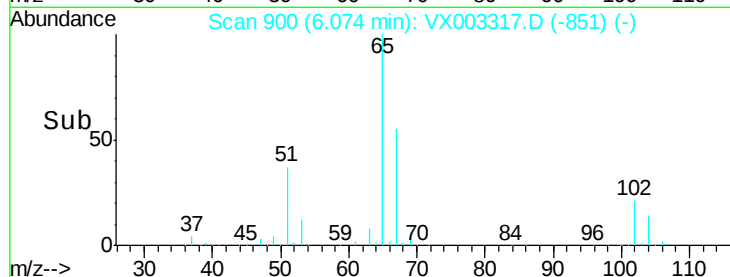
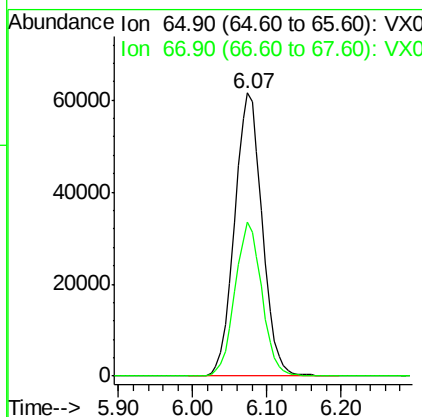
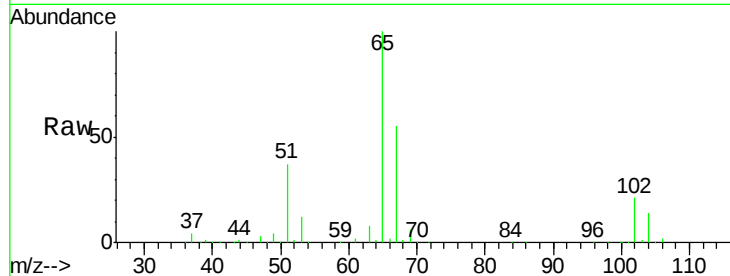




#33
 1,2-Dichloroethane-d4
 Concen: 37.52 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003317.D
 Acq: 11 Jul 2018 06:50

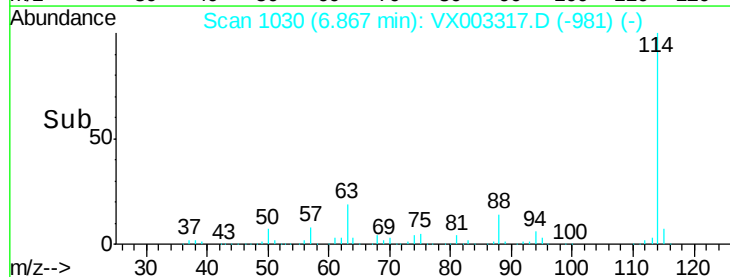
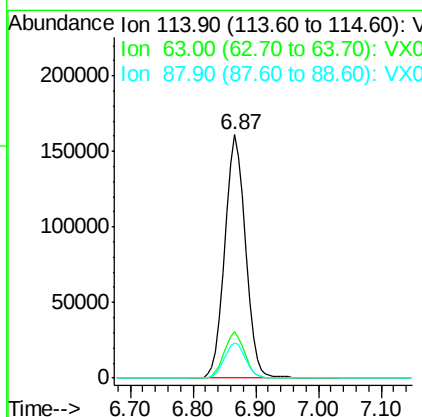
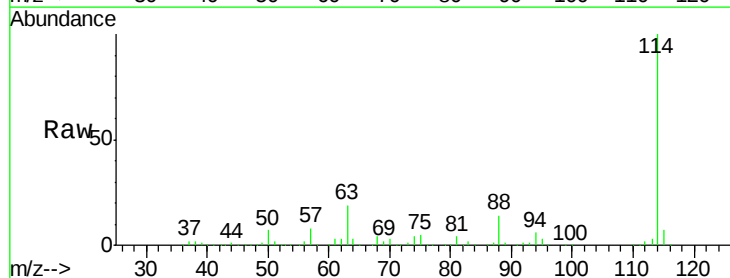
Instrument :
 MSVOA_X
 ClientSampleId :
 RB47196RT

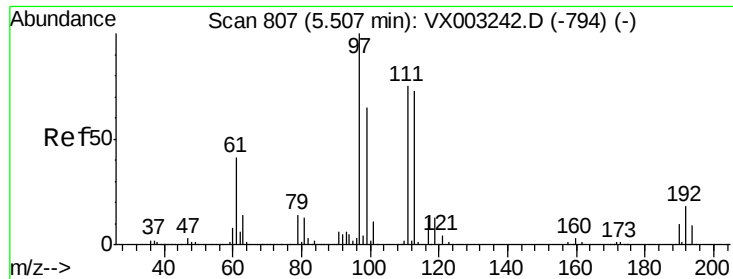
Tot Ion: 65 Resp: 159919
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003317.D
 Acq: 11 Jul 2018 06:50

Tgt Ion: 114 Resp: 369749
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 41.4
 88 14.4 0.0 30.0





#35

Dibromofluoromethane

Concen: 36.50 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003317.D

Acq: 11 Jul 2018 06:50

Instrument :

MSVOA_X

ClientSampleId :

RB47196RT

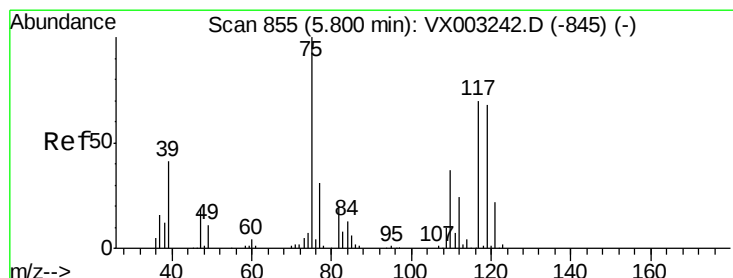
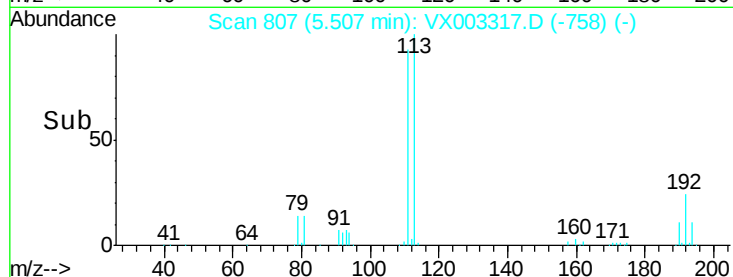
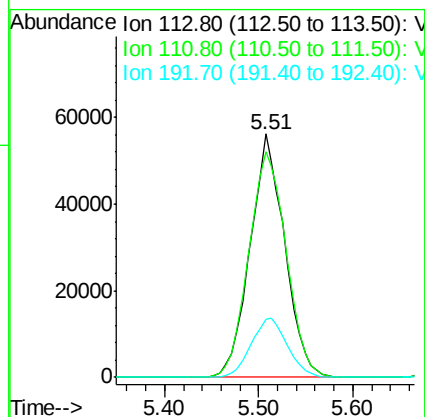
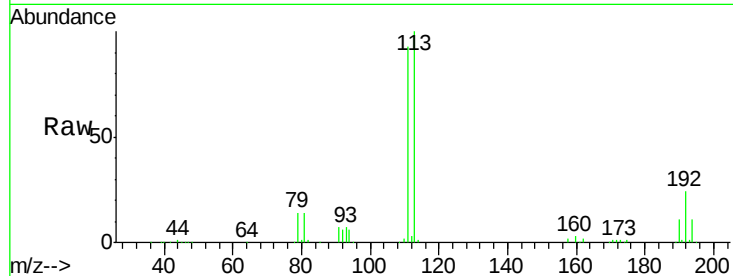
Tot Ion:113 Resp: 145000

Ion Ratio Lower Upper

113 100

111 100.3 81.4 122.0

192 25.8 19.1 28.7



#36

1,1-Dichloropropene

Concen: 3.07 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX003317.D

Acq: 11 Jul 2018 06:50

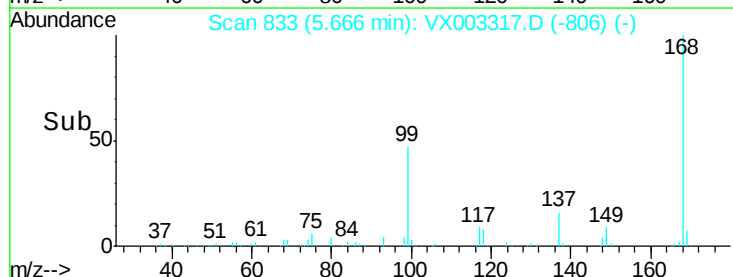
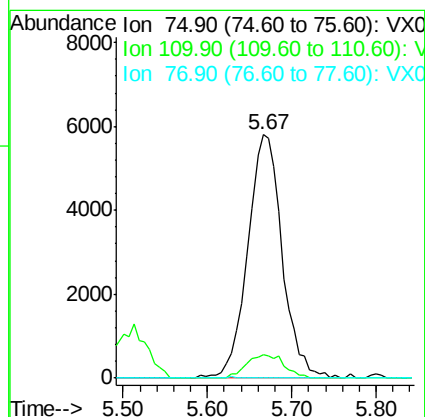
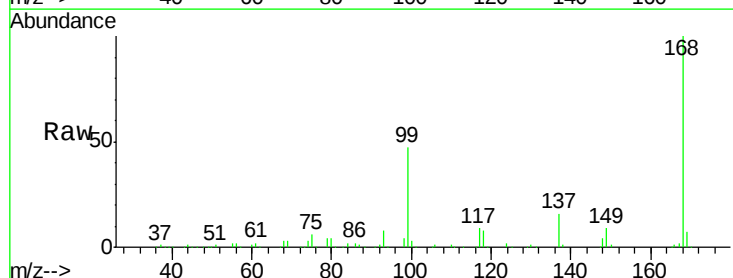
Tgt Ion: 75 Resp: 16076

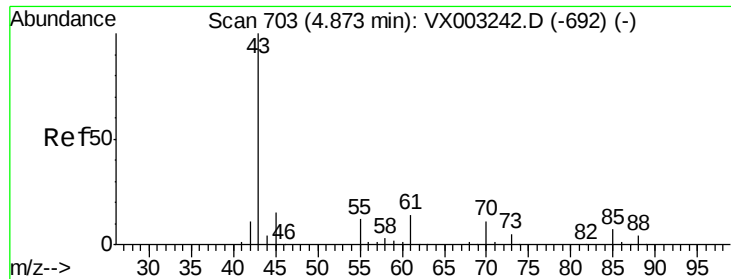
Ion Ratio Lower Upper

75 100

110 10.4 18.1 54.4#

77 0.0 24.3 36.5#

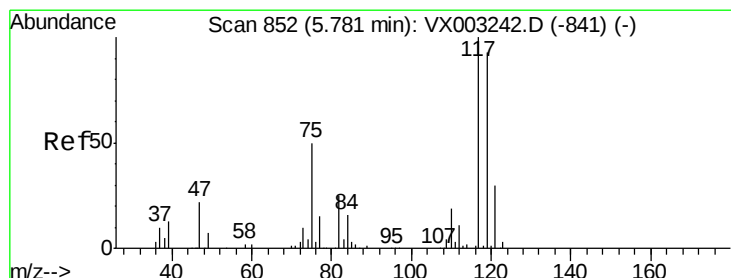
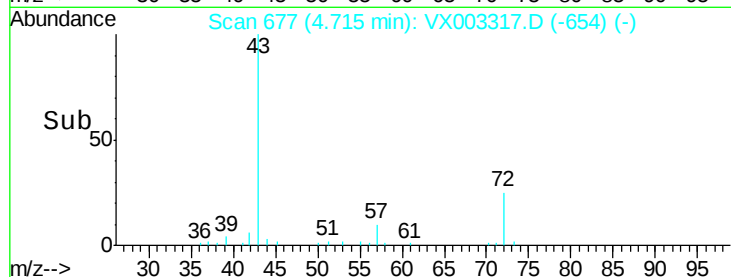
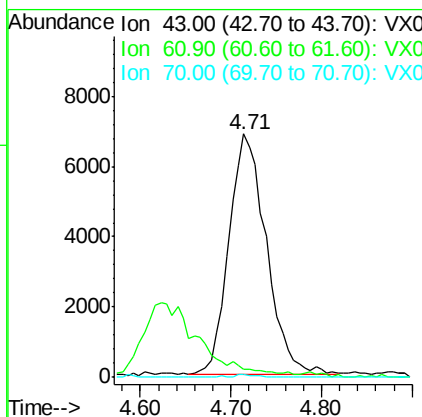
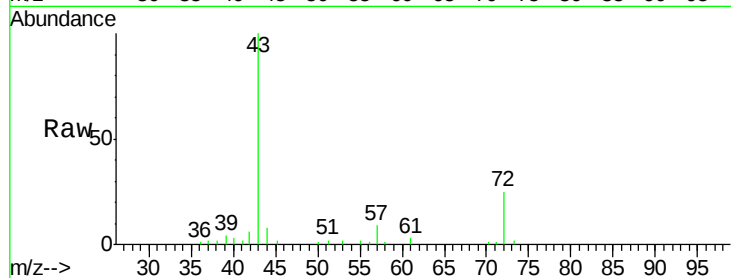




#37
Ethyl Acetate
Concen: 3.40 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.16 min
Lab File: VX003317.D
Acq: 11 Jul 2018 06:50

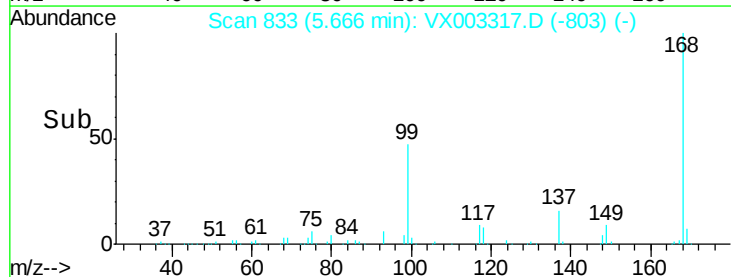
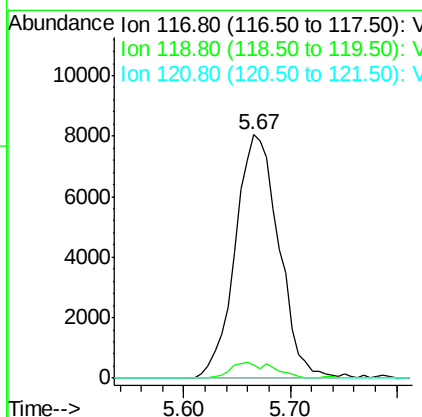
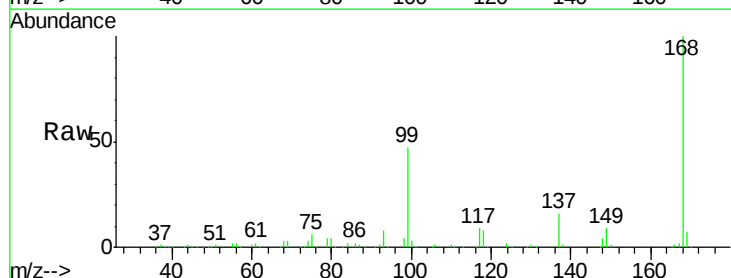
Instrument :
MSVOA_X
ClientSampleId :
RB47196RT

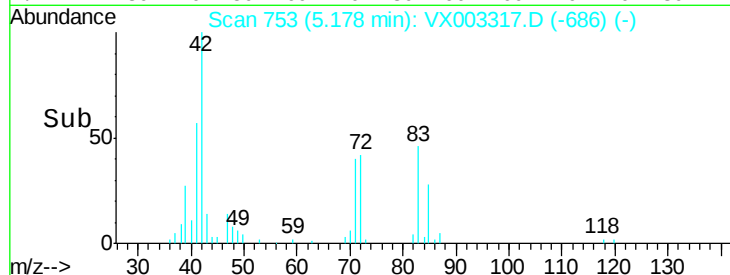
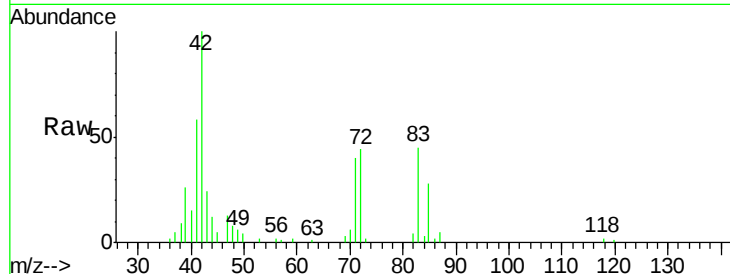
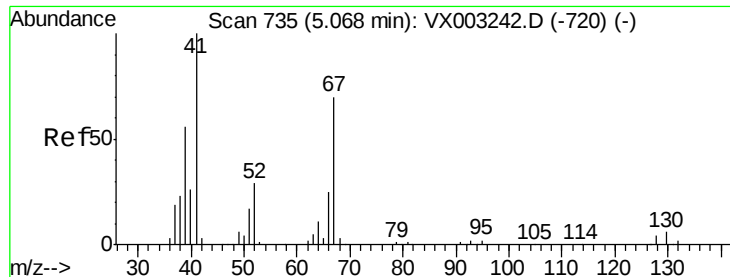
Tot Ion: 43 Resp: 19482
Ion Ratio Lower Upper
43 100
61 0.0 10.4 15.6#
70 0.6 7.6 11.4#



#38
Carbon Tetrachloride
Concen: 4.03 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX003317.D
Acq: 11 Jul 2018 06:50

Tgt Ion: 117 Resp: 23093
Ion Ratio Lower Upper
117 100
119 5.5 77.4 116.0#
121 0.0 24.4 36.6#

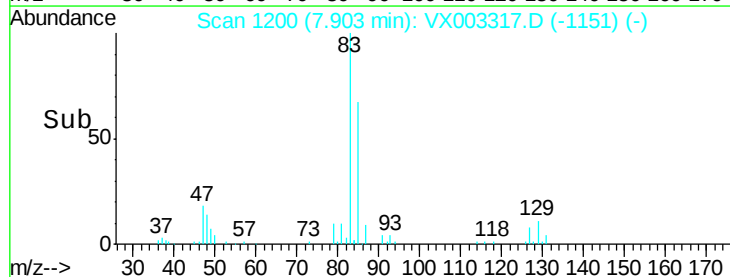
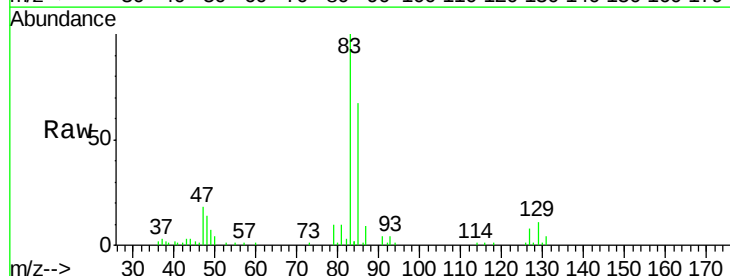
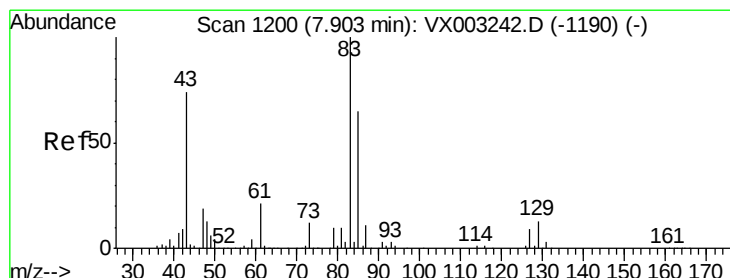
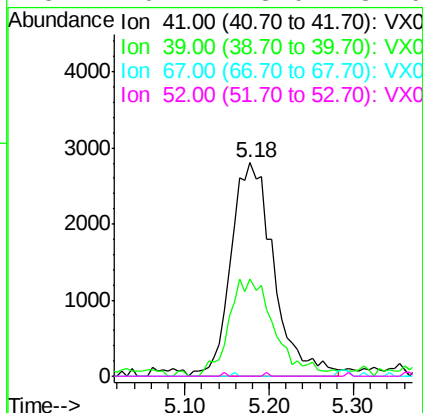




#41
Methacrylonitrile
Concen: 3.08 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.11 min
Lab File: VX003317.D
Acq: 11 Jul 2018 06:50

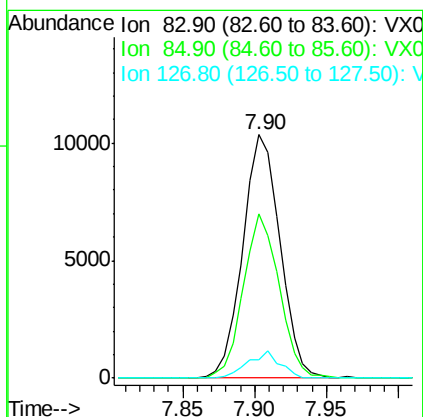
Instrument :
MSVOA_X
ClientSampled :
RB47196RT

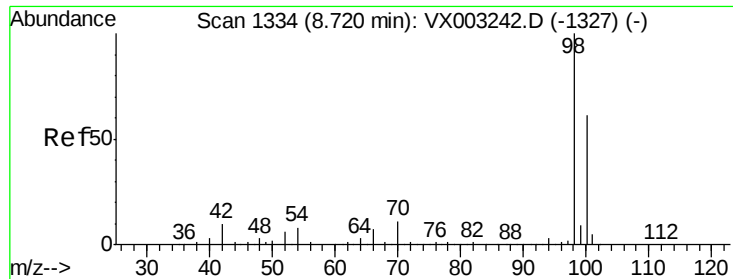
Tot Ion:	41	Resp:	9686
Ion	Ratio	Lower	Upper
41	100		
39	48.2	45.8	68.6
67	0.0	51.3	76.9#
52	0.2	23.0	34.6#



#47
Bromodichloromethane
Concen: 3.66 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VX003317.D
Acq: 11 Jul 2018 06:50

Tgt Ion:	83	Resp:	18542
Ion	Ratio	Lower	Upper
83	100		
85	67.5	50.3	75.5
127	7.8	7.0	10.4





#50

Toluene-d8

Concen: 36.23 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003317.D

Acq: 11 Jul 2018 06:50

Instrument :

MSVOA_X

ClientSampleId :

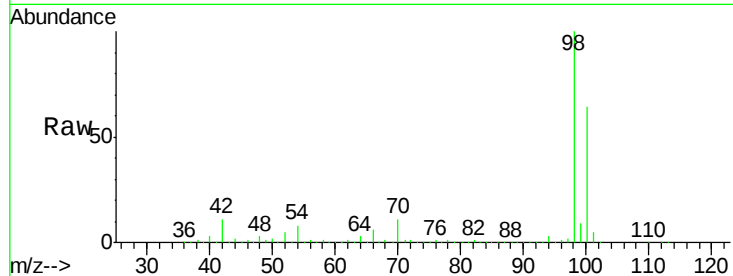
RB47196RT

Tot Ion: 98 Resp: 511255

Ion Ratio Lower Upper

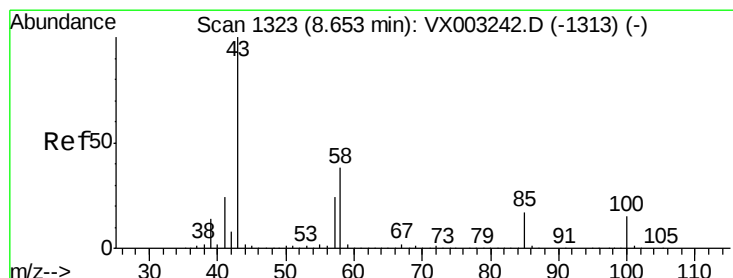
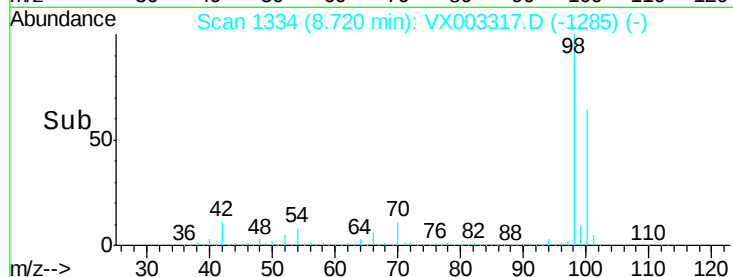
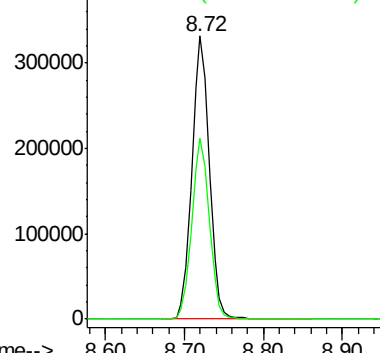
98 100

100 64.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 0.54 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX003317.D

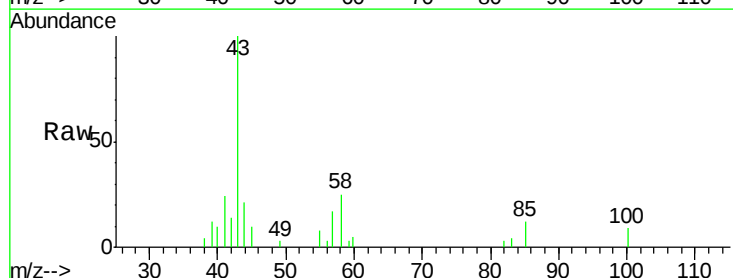
Acq: 11 Jul 2018 06:50

Tgt Ion: 43 Resp: 3042

Ion Ratio Lower Upper

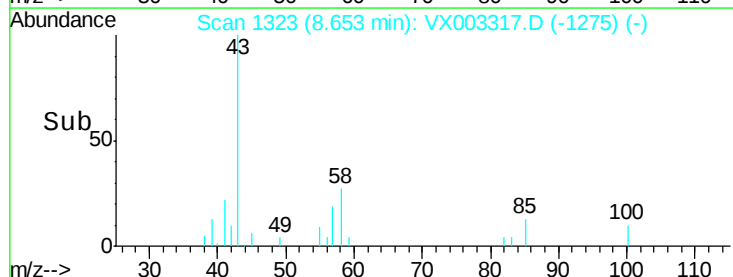
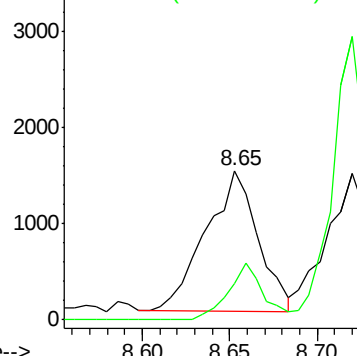
43 100

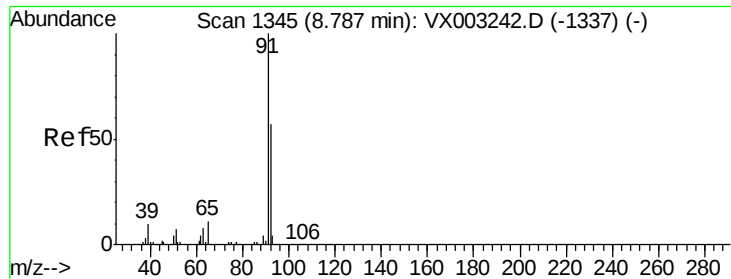
58 27.2 28.6 42.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 116.97 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003317.D

Acq: 11 Jul 2018 06:50

Instrument :

MSVOA_X

ClientSampleId :

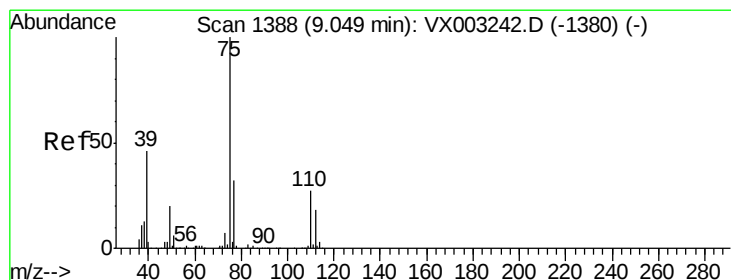
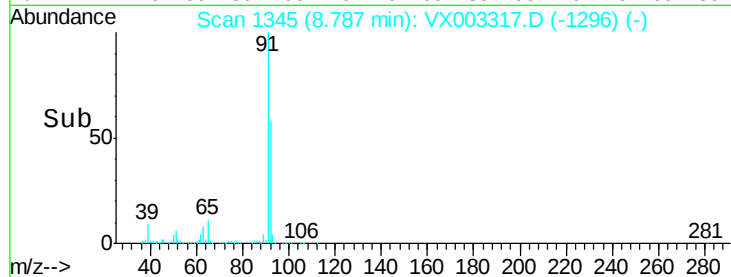
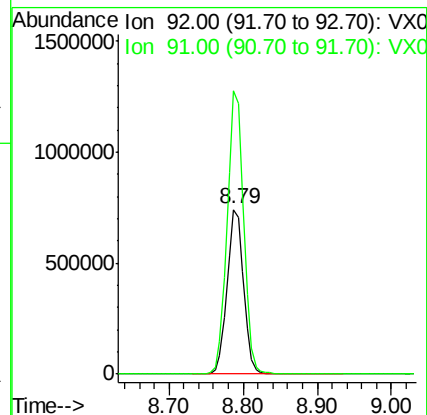
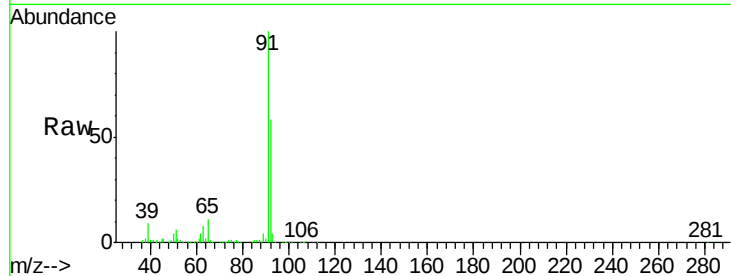
RB47196RT

Tot Ion: 92 Resp: 1146953

Ion Ratio Lower Upper

92 100

91 172.8 140.4 210.6



#54

cis-1,3-Dichloropropene

Concen: 2.46 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.26 min

Lab File: VX003317.D

Acq: 11 Jul 2018 06:50

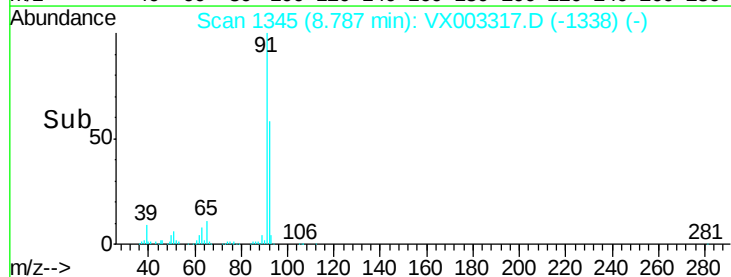
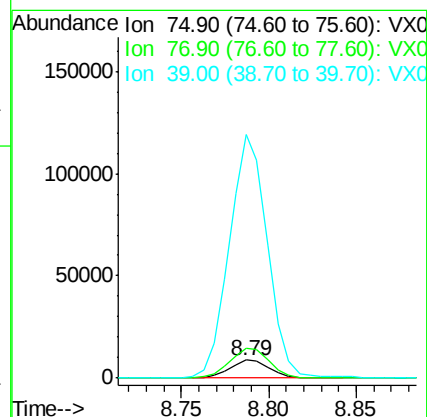
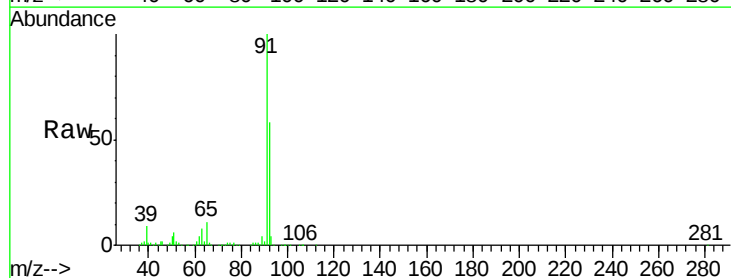
Tgt Ion: 75 Resp: 13380

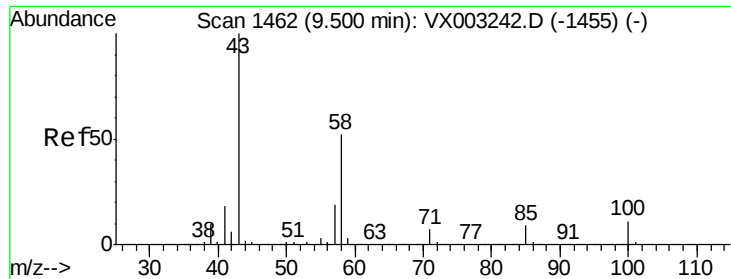
Ion Ratio Lower Upper

75 100

77 163.7 24.8 37.2#

39 1350.9 42.4 63.6#

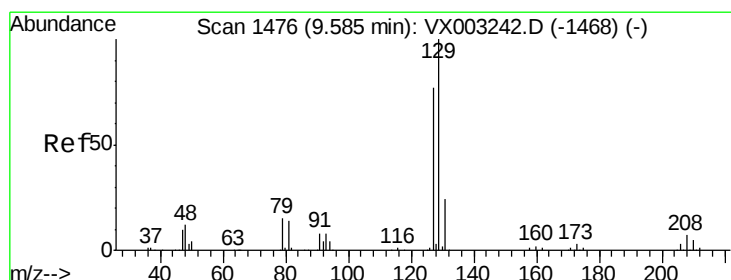
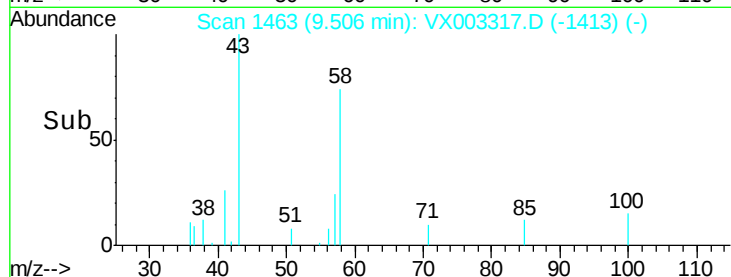
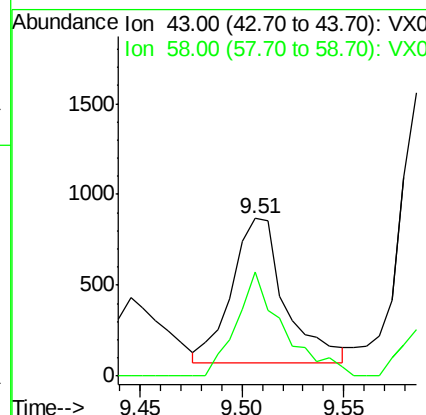
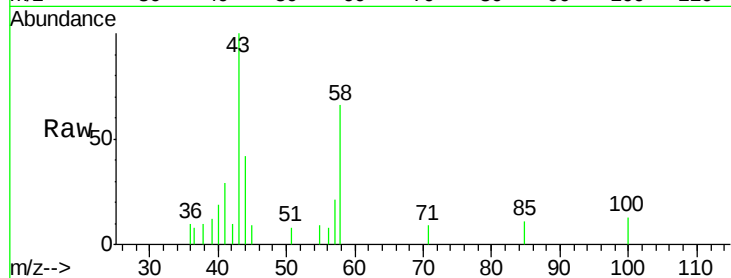




#59
2-Hexanone
Concen: 0.34 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX003317.D
Acq: 11 Jul 2018 06:50

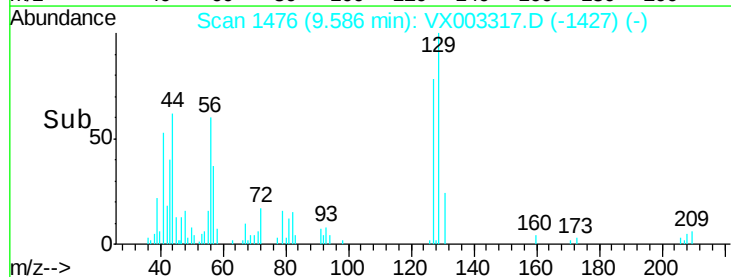
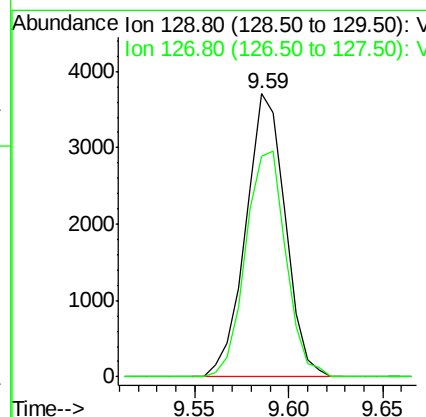
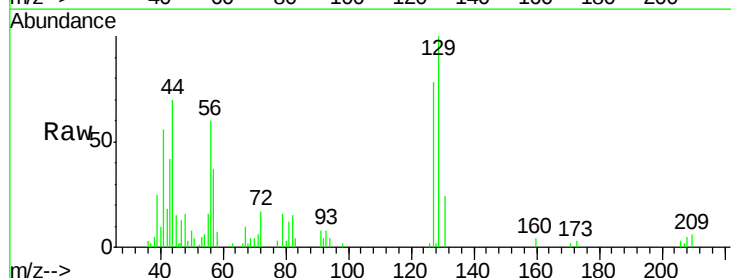
Instrument :
MSVOA_X
ClientSampled :
RB47196RT

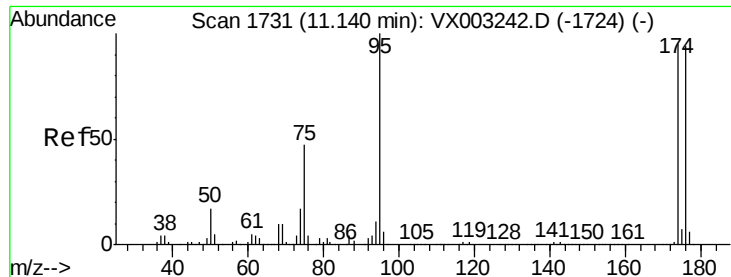
Tot Ion: 43 Resp: 1458
Ion Ratio Lower Upper
43 100
58 63.0 24.6 73.6



#60
Dibromochloromethane
Concen: 1.27 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003317.D
Acq: 11 Jul 2018 06:50

Tgt Ion: 129 Resp: 5380
Ion Ratio Lower Upper
129 100
127 81.2 38.5 115.3

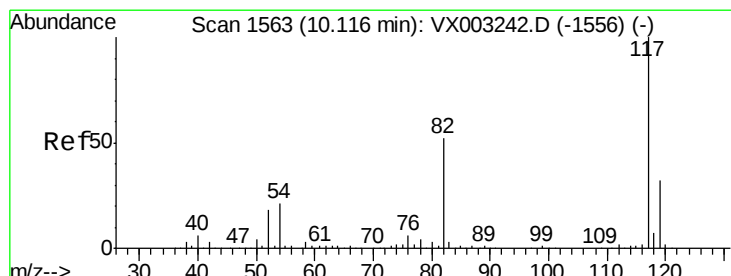
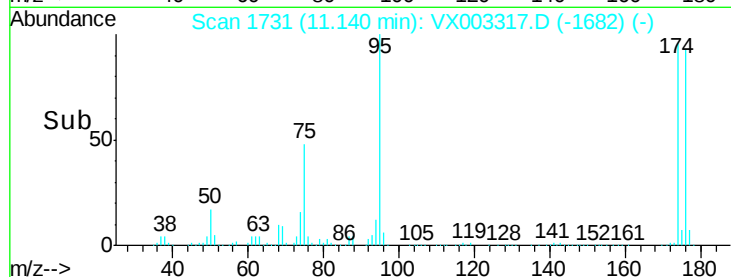
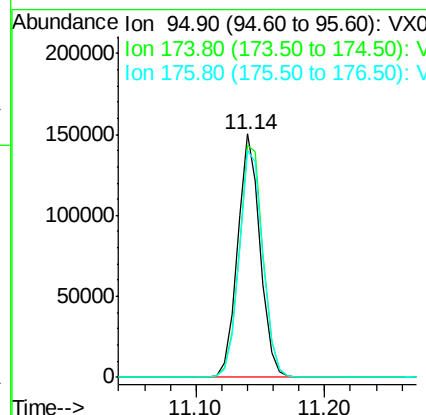
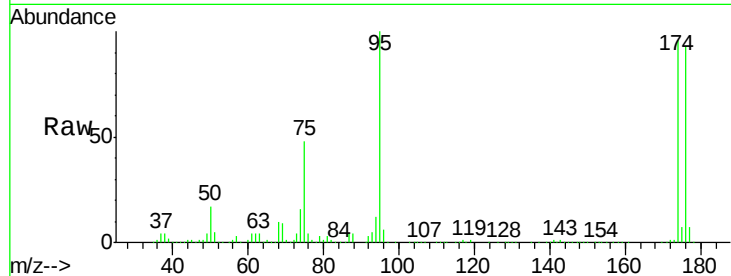




#62
4-Bromofluorobenzene
Concen: 35.03 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003317.D
Acq: 11 Jul 2018 06:50

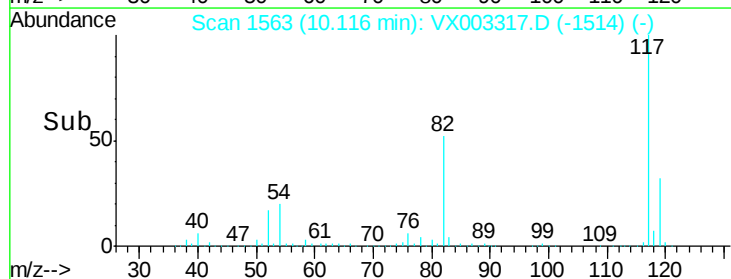
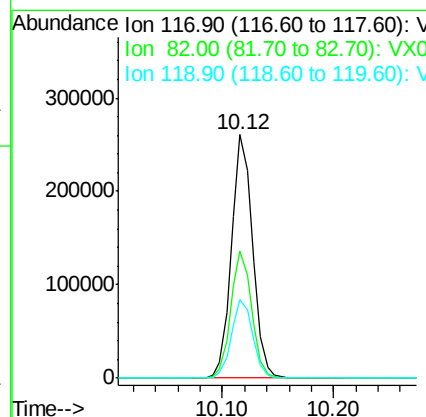
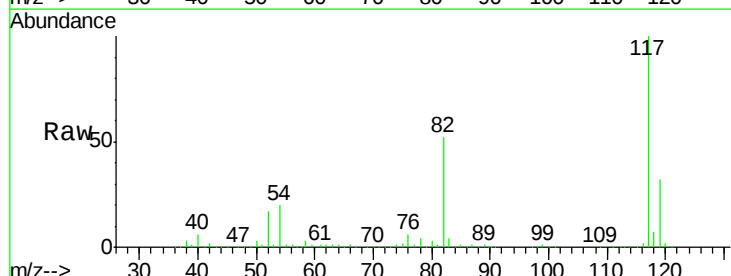
Instrument :
MSVOA_X
ClientSampleId :
RB47196RT

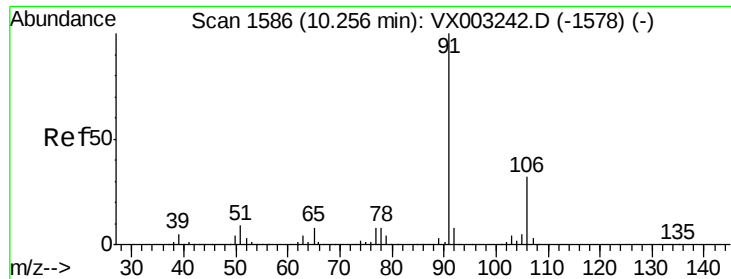
Tot Ion: 95 Resp: 182641
Ion Ratio Lower Upper
95 100
174 101.3 0.0 187.4
176 98.0 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003317.D
Acq: 11 Jul 2018 06:50

Tgt Ion: 117 Resp: 342012
Ion Ratio Lower Upper
117 100
82 52.2 45.0 67.4
119 32.4 25.8 38.6

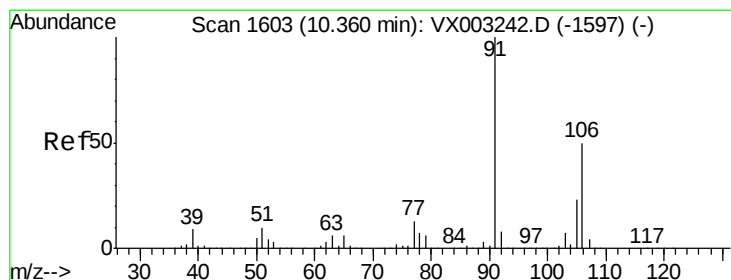
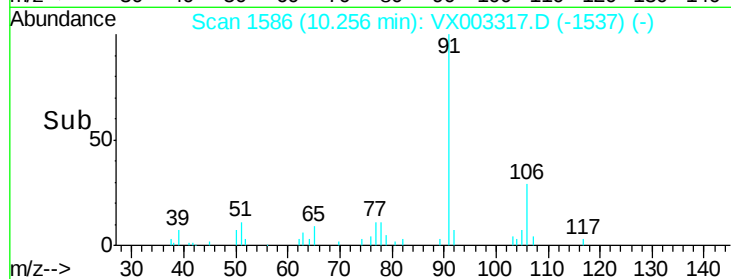
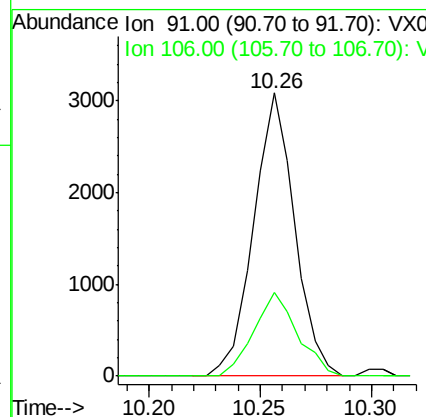
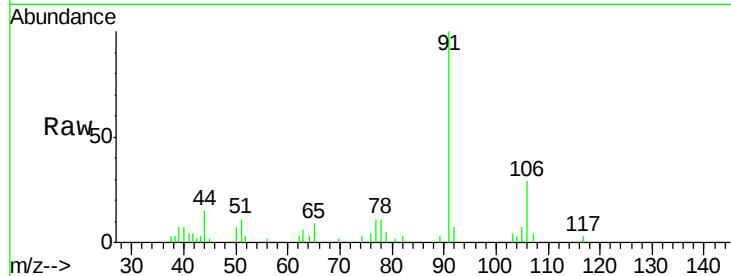




#67
Ethyl Benzene
Concen: 0.21 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003317.D
Acq: 11 Jul 2018 06:50

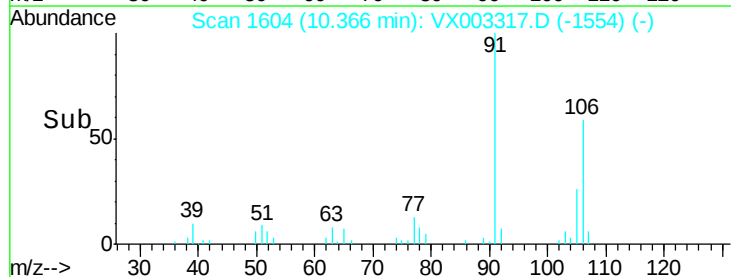
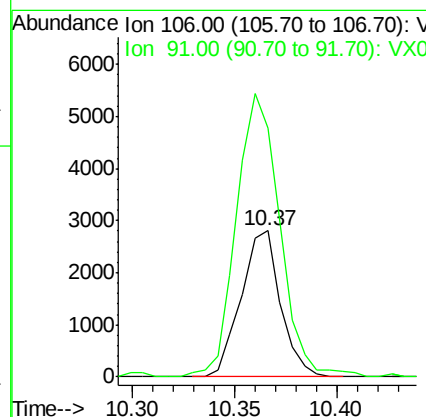
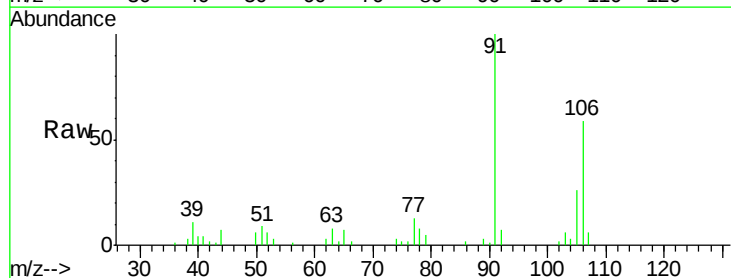
Instrument :
MSVOA_X
ClientSampleId :
RB47196RT

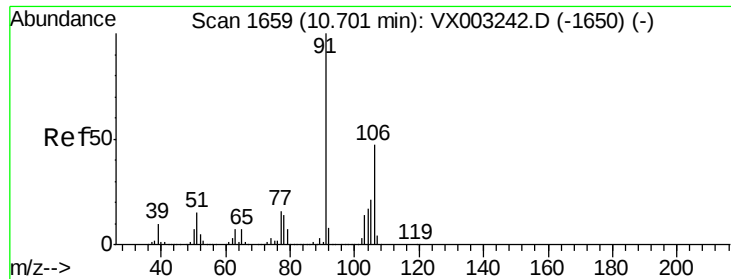
Tot Ion: 91 Resp: 3958
Ion Ratio Lower Upper
91 100
106 29.4 25.5 38.3



#68
m/p-Xylenes
Concen: 0.51 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003317.D
Acq: 11 Jul 2018 06:50

Tgt Ion: 106 Resp: 3750
Ion Ratio Lower Upper
106 100
91 214.0 163.4 245.2

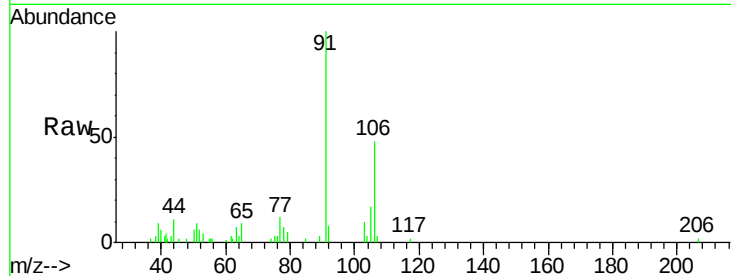




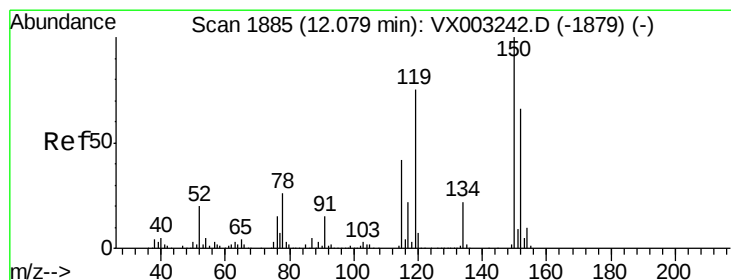
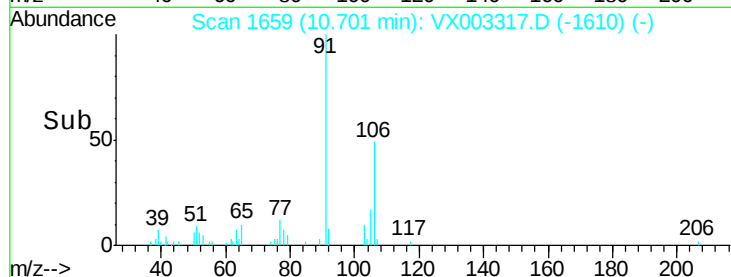
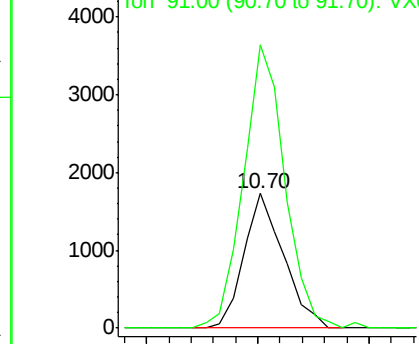
#69
o-Xylene
Concen: 0.30 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003317.D
Acq: 11 Jul 2018 06:50

Instrument :
MSVOA_X
ClientSampled :
RB47196RT

Tot Ion:106 Resp: 2154
Ion Ratio Lower Upper
106 100
91 219.5 108.2 324.6

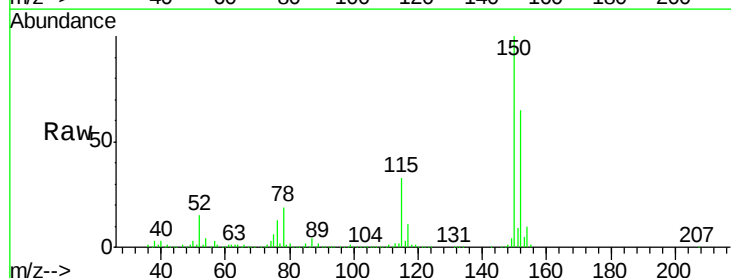


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

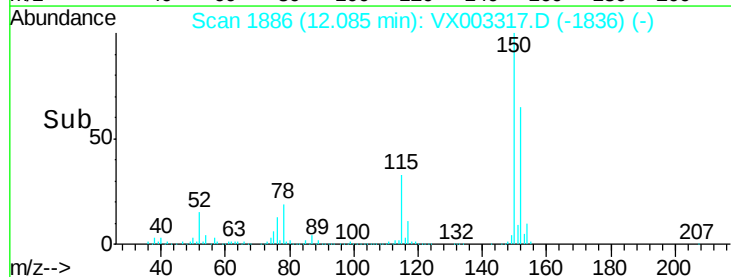
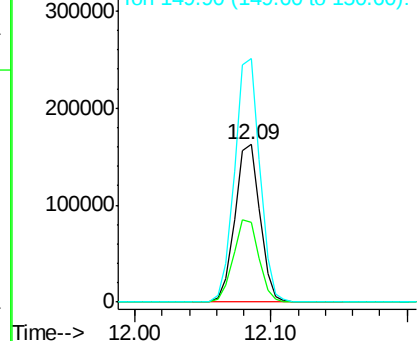


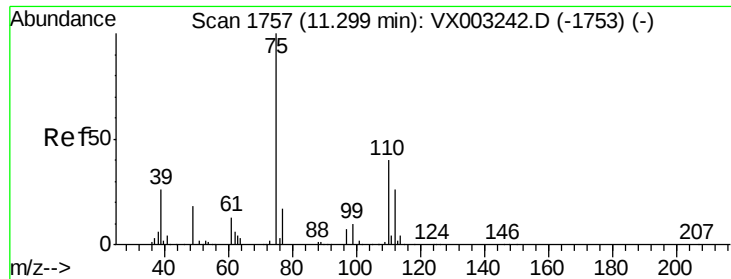
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VX003317.D
Acq: 11 Jul 2018 06:50

Tgt Ion:152 Resp: 207209
Ion Ratio Lower Upper
152 100
115 53.0 40.1 120.2
150 156.1 0.0 347.2



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: 19.51 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003317.D

Acq: 11 Jul 2018 06:50

Instrument :

MSVOA_X

ClientSampled :

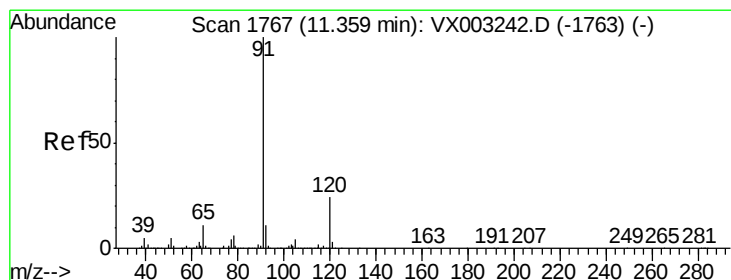
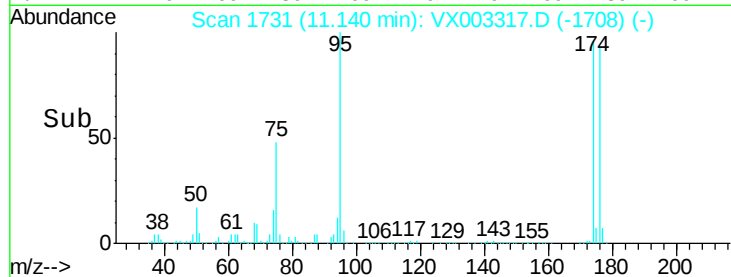
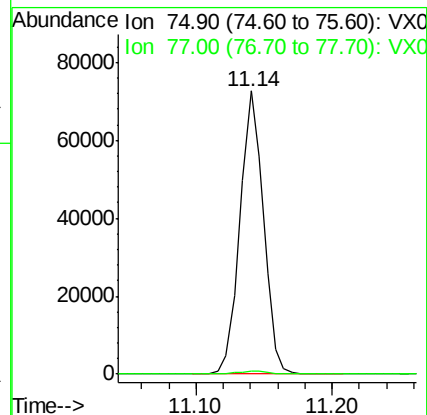
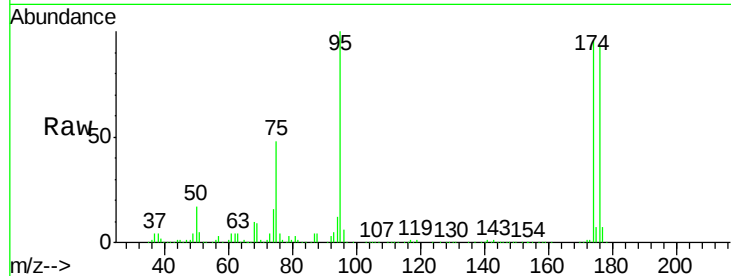
RB47196RT

Tot Ion: 75 Resp: 87351

Ion Ratio Lower Upper

75 100

77 1.5 22.8 68.3#



#78

n-propylbenzene

Concen: 0.28 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003317.D

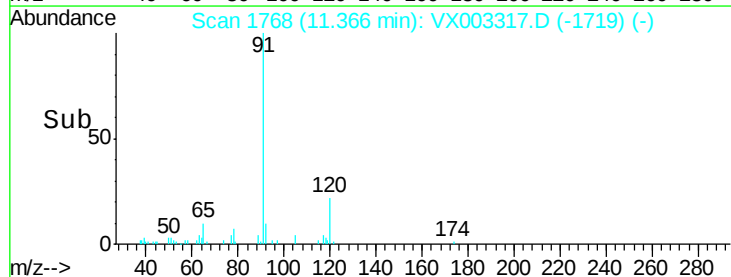
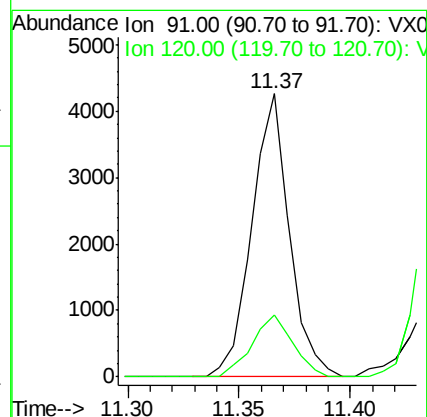
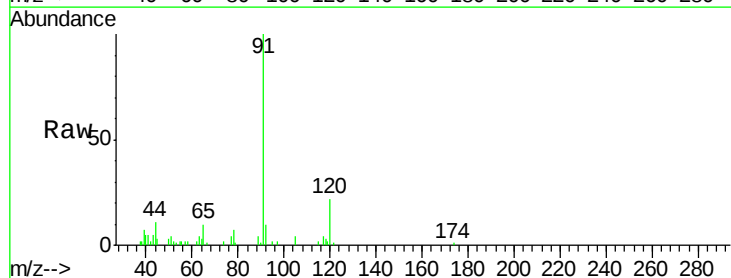
Acq: 11 Jul 2018 06:50

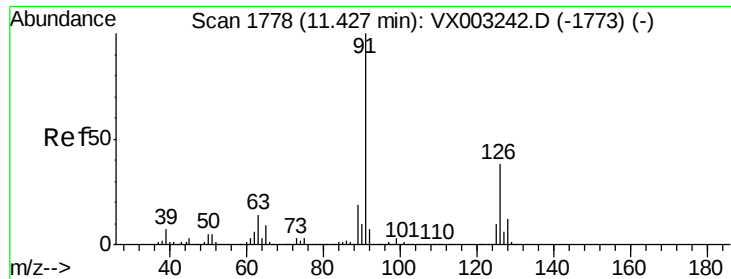
Tgt Ion: 91 Resp: 5020

Ion Ratio Lower Upper

91 100

120 23.8 11.8 35.4





#79

2-Chlorotoluene

Concen: 0.23 ug/l

RT: 11.44 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VX003317.D

Acq: 11 Jul 2018 06:50

Instrument :

MSVOA_X

ClientSampleId :

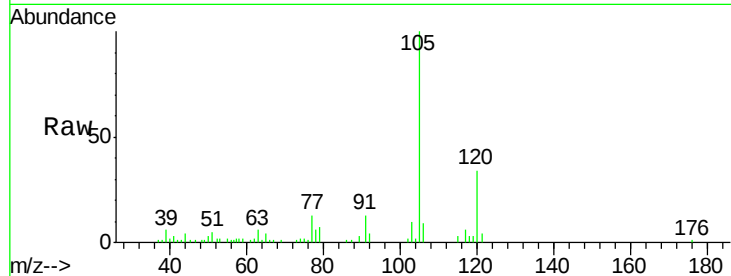
RB47196RT

Tot Ion: 91 Resp: 2530

Ion Ratio Lower Upper

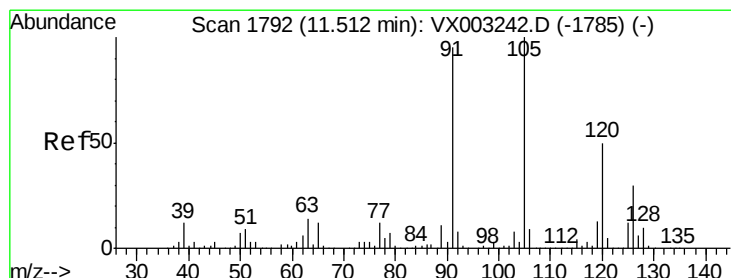
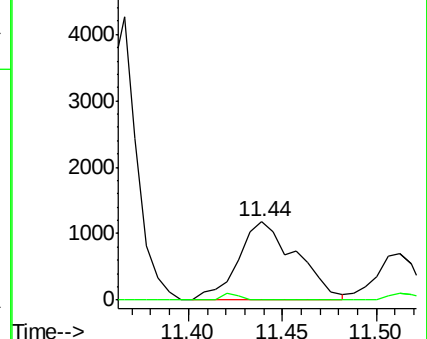
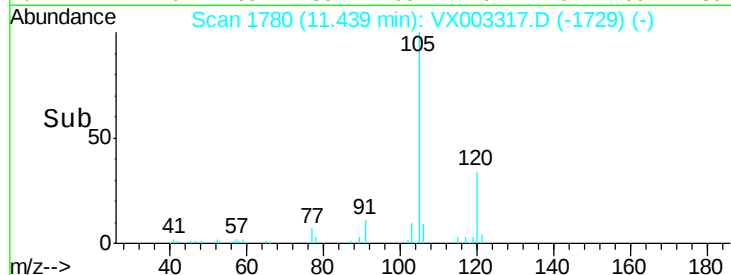
91 100

126 2.4 17.7 53.1#



Abundance Ion 91.00 (90.70 to 91.70): VX003317.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX003317.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.47 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003317.D

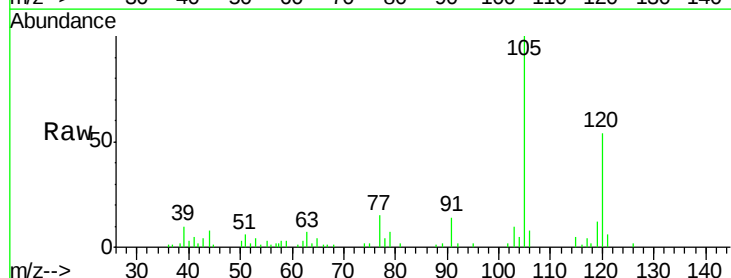
Acq: 11 Jul 2018 06:50

Tgt Ion: 105 Resp: 6409

Ion Ratio Lower Upper

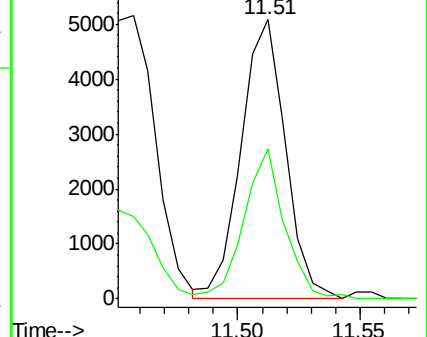
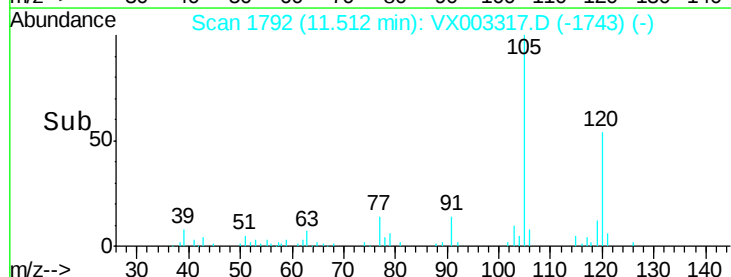
105 100

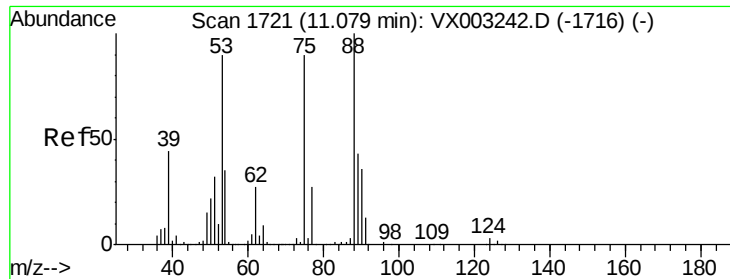
120 49.3 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX003317.D (-1743) (-)

Ion 120.00 (119.70 to 120.70): VX003317.D (-1743) (-)

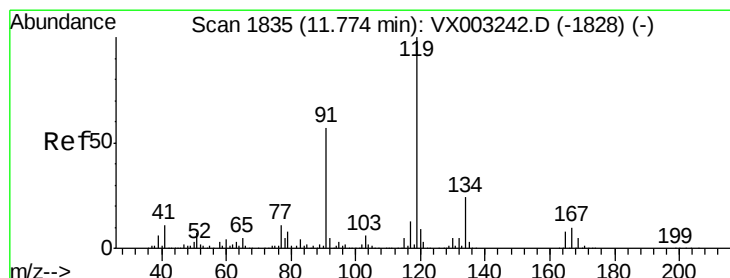
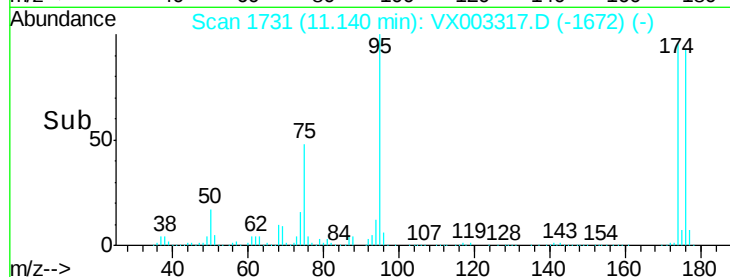
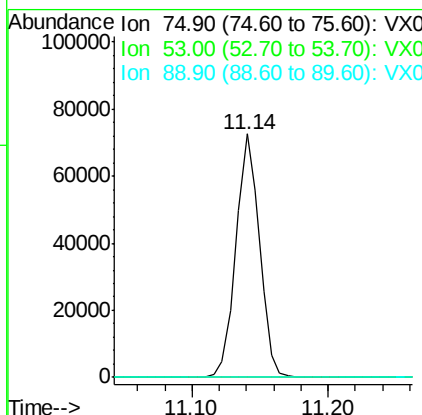
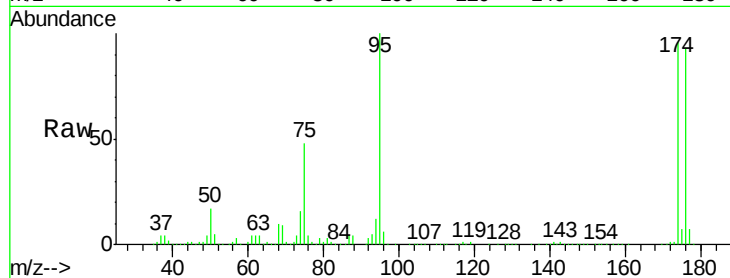




#81
trans-1,4-Dichloro-2-butene
Concen: 63.75 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003317.D
Acq: 11 Jul 2018 06:50

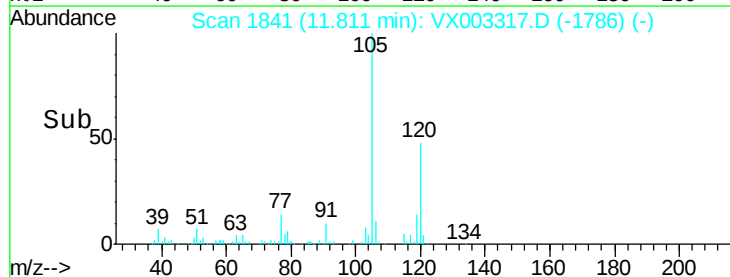
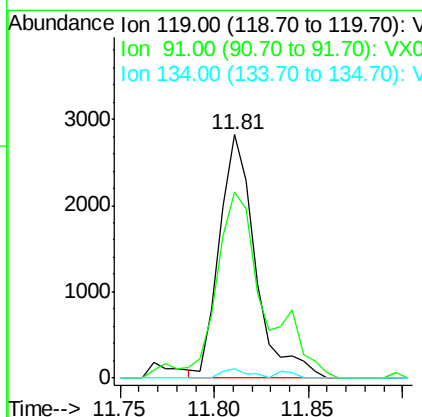
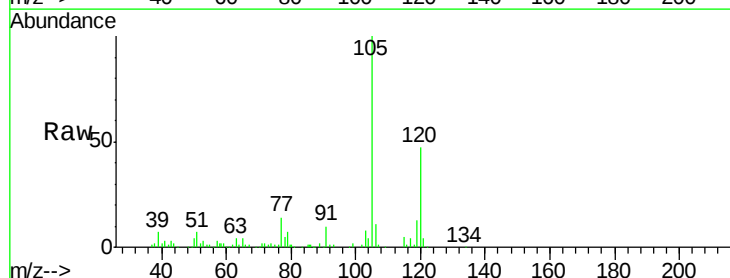
Instrument :
MSVOA_X
ClientSampleId :
RB47196RT

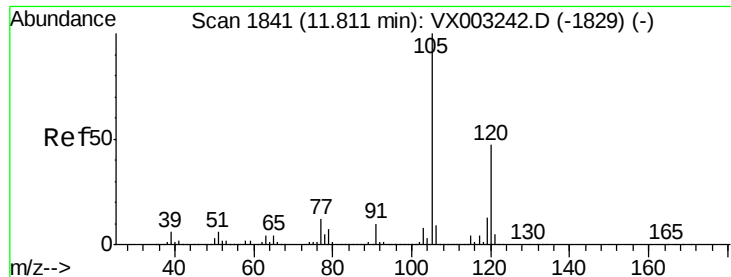
Tot Ion: 75 Resp: 87351
Ion Ratio Lower Upper
75 100
53 0.2 86.8 130.2#
89 0.0 38.2 57.2#



#83
tert-Butylbenzene
Concen: 0.28 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.04 min
Lab File: VX003317.D
Acq: 11 Jul 2018 06:50

Tgt Ion: 119 Resp: 3744
Ion Ratio Lower Upper
119 100
91 104.4 30.3 90.9#
134 0.0 11.7 35.1#





#84

1,2,4-Trimethylbenzene

Concen: 1.91 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX003317.D

Acq: 11 Jul 2018 06:50

Instrument :

MSVOA_X

ClientSampleId :

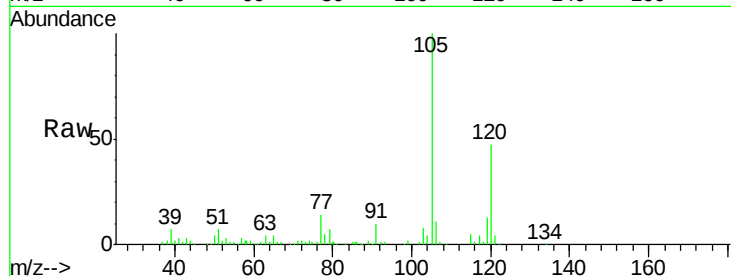
RB47196RT

Tot Ion:105 Resp: 26713

Ion Ratio Lower Upper

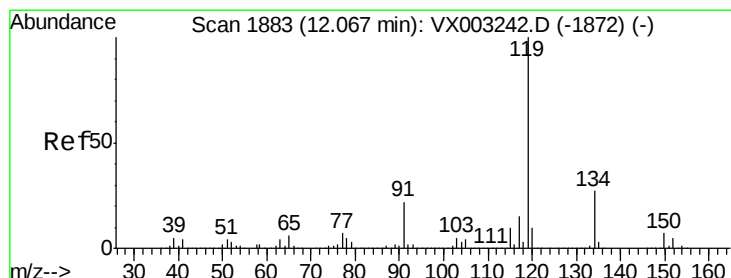
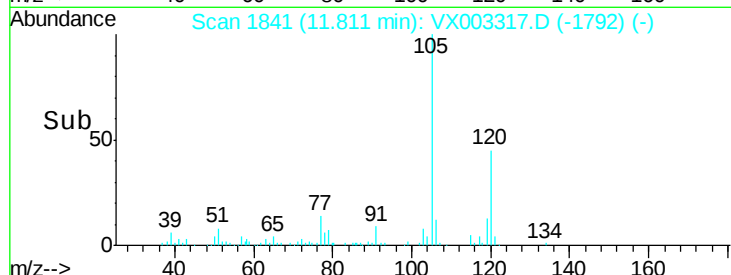
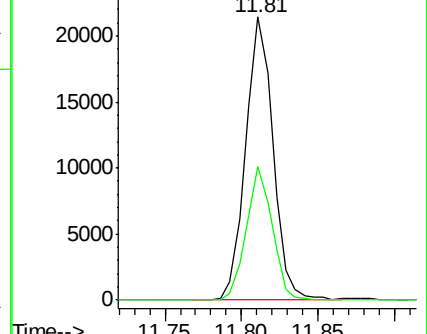
105 100

120 44.2 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#86

p-Isopropyltoluene

Concen: 1.54 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003317.D

Acq: 11 Jul 2018 06:50

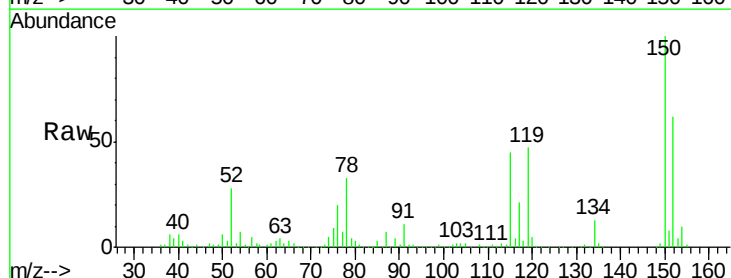
Tgt Ion:119 Resp: 22537

Ion Ratio Lower Upper

119 100

134 28.0 13.4 40.1

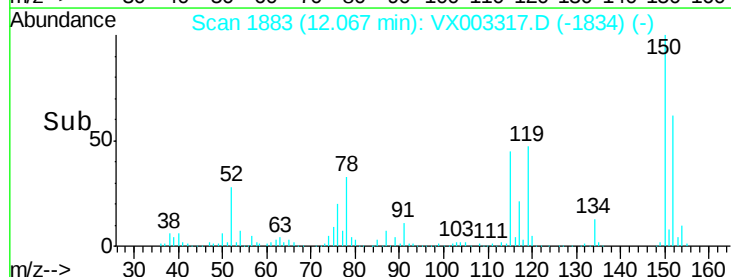
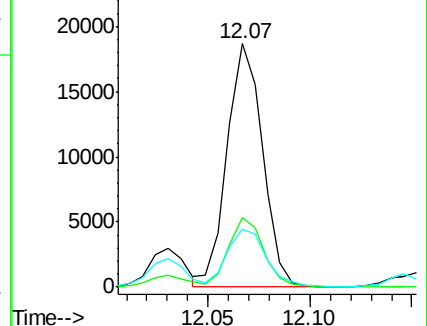
91 26.2 11.9 35.7

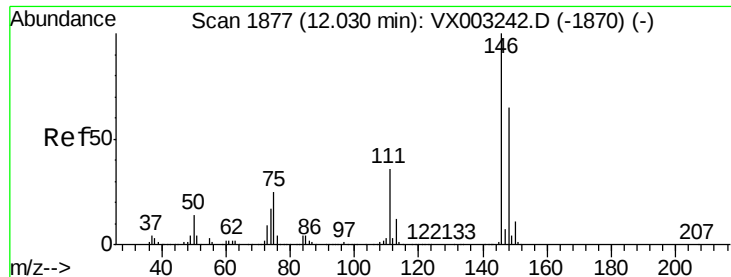


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 1.35 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX003317.D

Acq: 11 Jul 2018 06:50

Instrument :

MSVOA_X

ClientSampleId :

RB47196RT

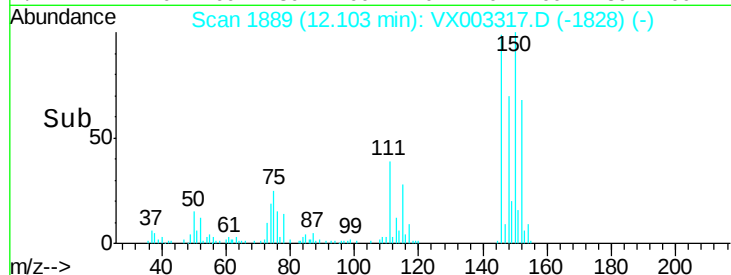
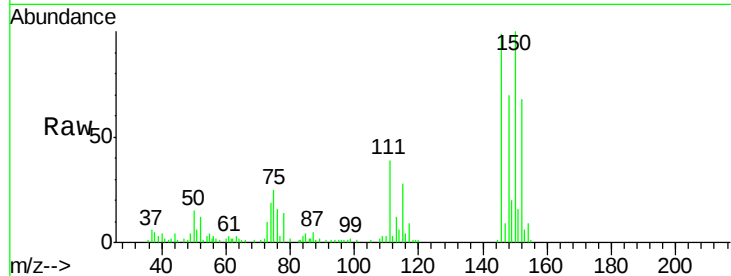
Tot Ion:146 Resp: 11699

Ion Ratio Lower Upper

146 100

111 54.3 18.9 56.7

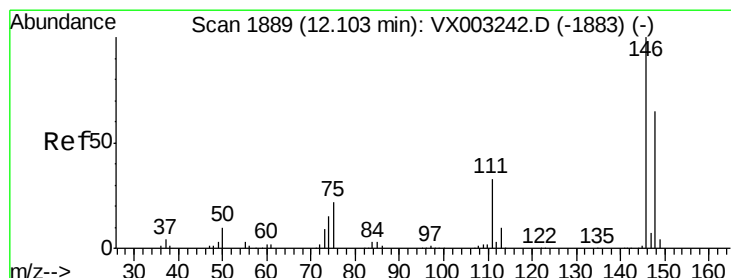
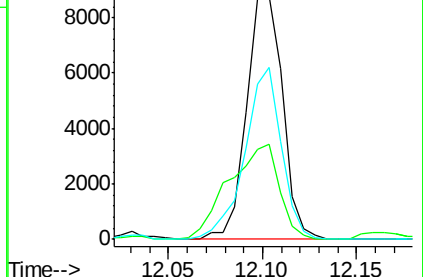
148 71.6 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 1.33 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX003317.D

Acq: 11 Jul 2018 06:50

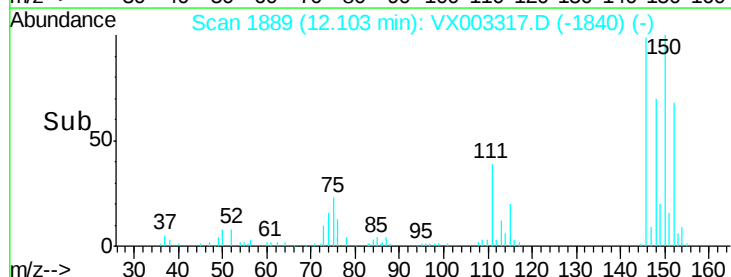
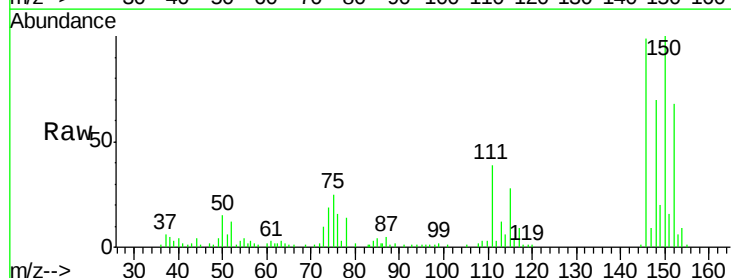
Tgt Ion:146 Resp: 11699

Ion Ratio Lower Upper

146 100

111 54.3 18.7 56.1

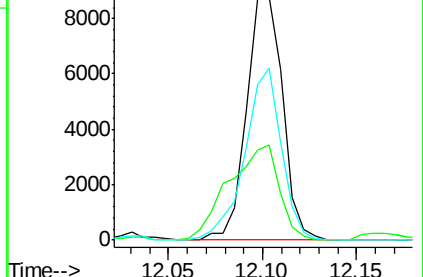
148 71.6 32.4 97.0

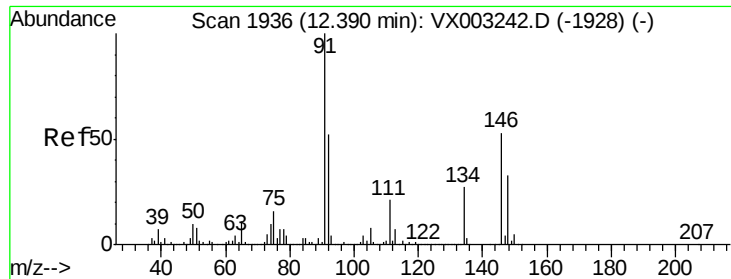


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

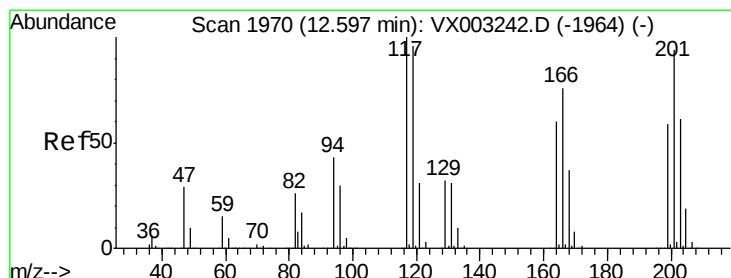
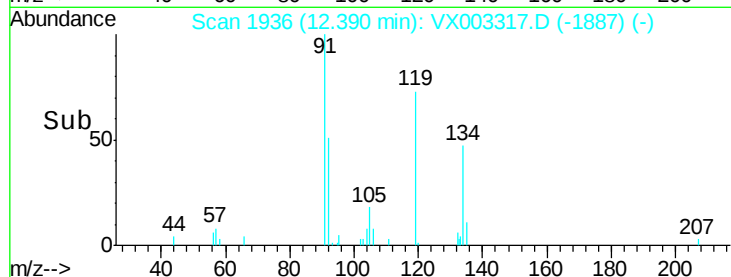
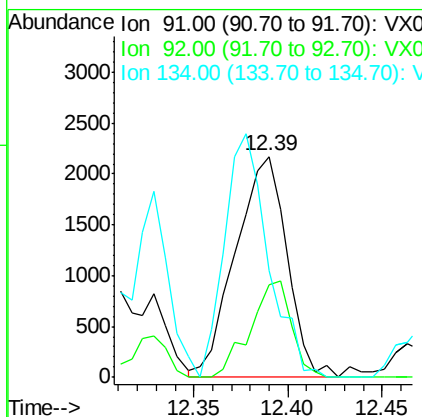
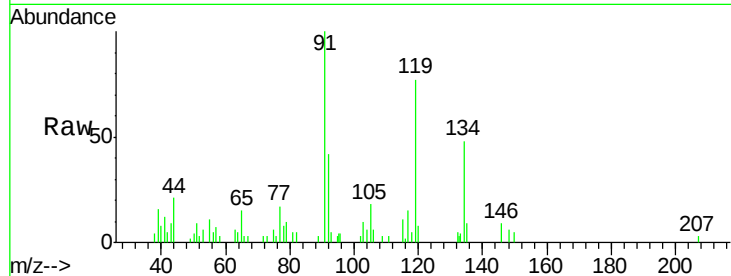




#89
n-Butylbenzene
Concen: 0.34 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003317.D
Acq: 11 Jul 2018 06:50

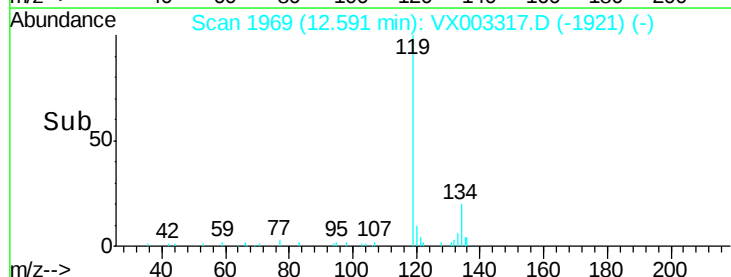
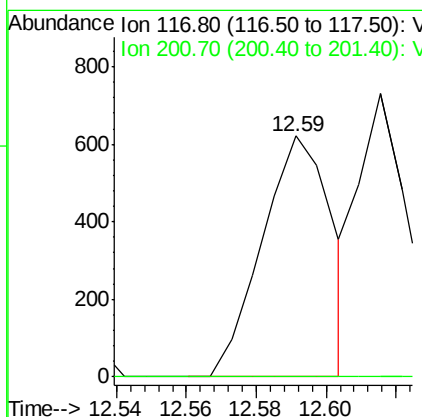
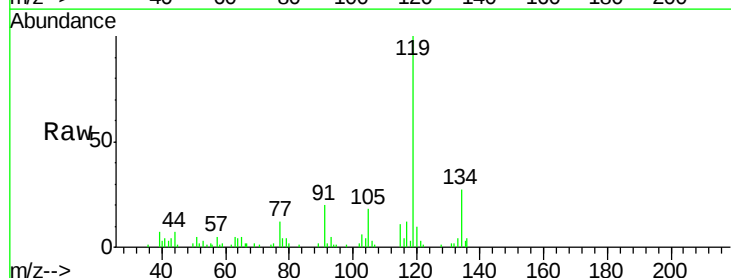
Instrument :
MSVOA_X
ClientSampled :
RB47196RT

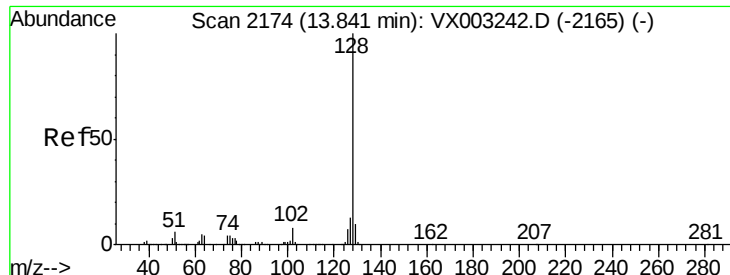
Tot Ion: 91 Resp: 4110
Ion Ratio Lower Upper
91 100
92 34.8 26.0 78.0
134 93.6 13.5 40.5#



#90
Hexachloroethane
Concen: 0.38 ug/l
RT: 12.59 min Scan# 1969
Delta R.T. -0.01 min
Lab File: VX003317.D
Acq: 11 Jul 2018 06:50

Tgt Ion: 117 Resp: 859
Ion Ratio Lower Upper
117 100
201 0.0 49.0 147.0#





#95

Naphthalene

Concen: 1.53 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.01 min

Lab File: VX003317.D

Acq: 11 Jul 2018 06:50

Instrument :

MSVOA_X

ClientSampleId :

RB47196RT

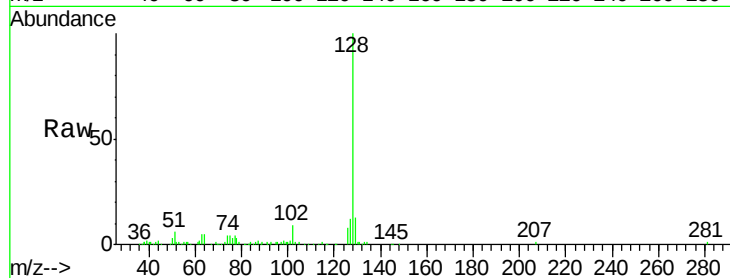
Tot Ion:128 Resp: 25316

Ion Ratio Lower Upper

128 100

127 13.8 10.4 15.6

129 12.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

