

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072618\
 Data File : VW004217.D
 Acq On : 26 Jul 2018 02:23
 Operator : SY/AP
 Sample : J4095-04
 Misc : 14.24G/5ML/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CON-SB-04-7-9

Quant Time: Jul 26 05:14:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	173496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	312495	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	251418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	86575	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	88654	45.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.42%	
35) Dibromofluoromethane	7.88	113	75861	37.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.68%	
50) Toluene-d8	10.33	98	218999	28.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	56.30%	
62) 4-Bromofluorobenzene	12.62	95	60453	21.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.10%	

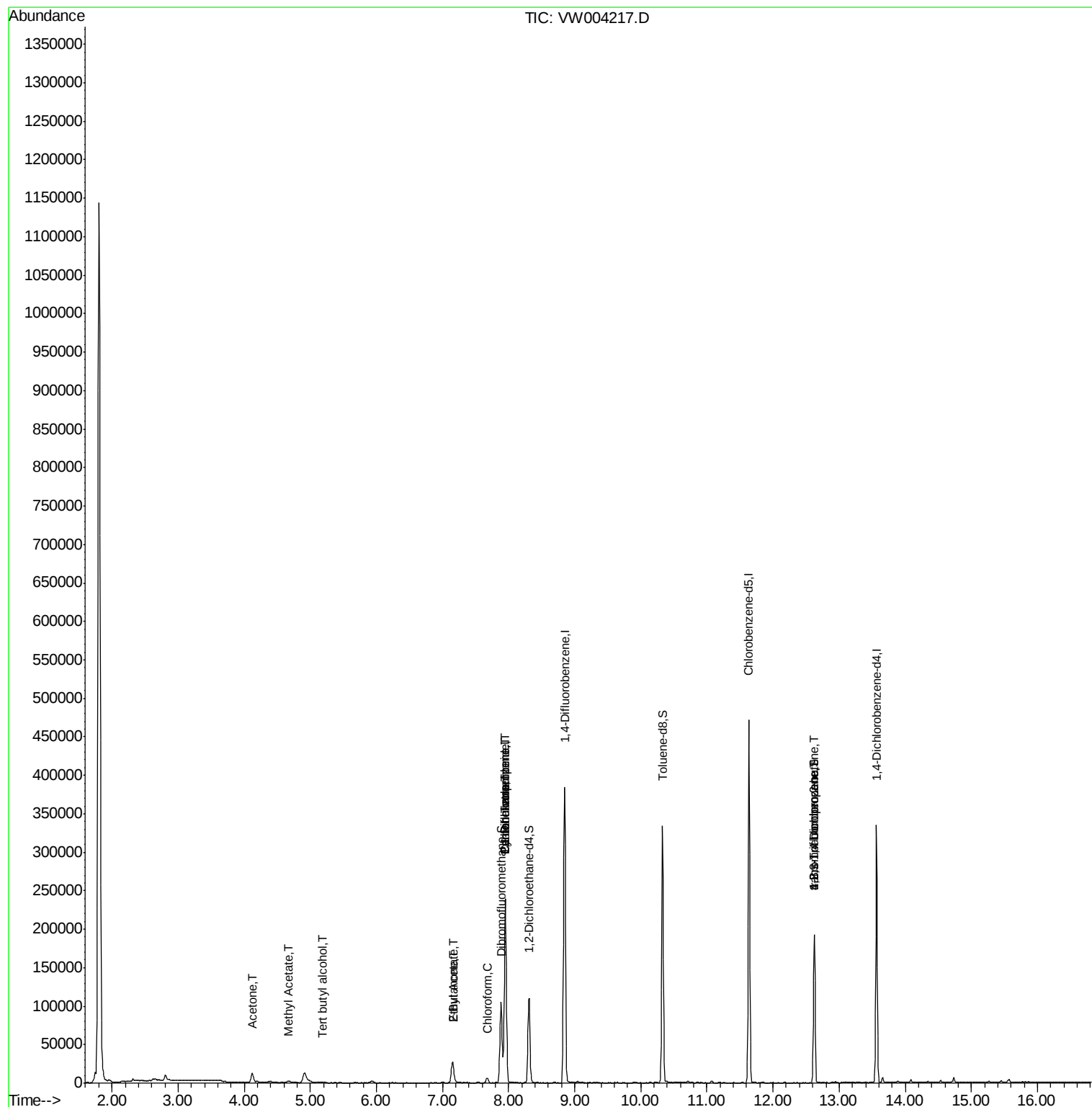
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	1862	13.908	ug/l #	72
16) Acetone	4.12	43	21247	45.592	ug/l	94
18) Methyl Acetate	4.67	43	4977	4.449	ug/l	96
20) Methylene Chloride	4.92	84	11620	Below Cal		91
25) 2-Butanone	7.17	43	3040	4.847	ug/l #	82
30) Chloroform	7.68	83	5754	1.685	ug/l	90
31) Cyclohexane	7.95	56	4401	1.368	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	14570	4.532	ug/l #	49
37) Ethyl Acetate	7.17	43	3040	1.960	ug/l #	70
38) Carbon Tetrachloride	7.95	117	17619	5.865	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	31758	36.950	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	31758	81.732	ug/l #	11

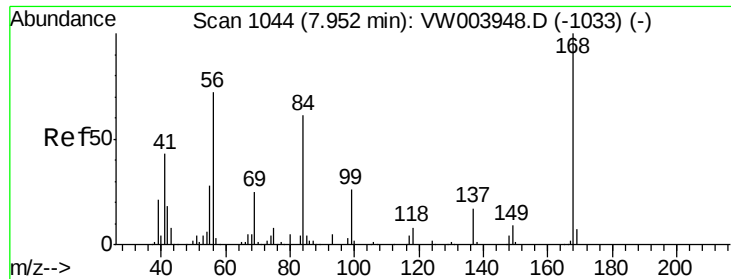
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004217.D

Acq: 26 Jul 2018 02:23

Instrument :

MSVOA_W

ClientSampleId :

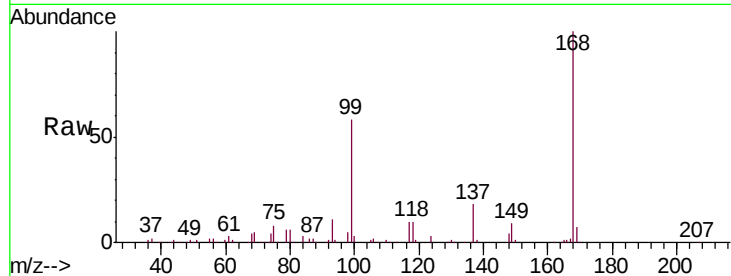
CON-SB-04-7-9

Tgt Ion:168 Resp: 173496

Ion Ratio Lower Upper

168 100

99 57.8 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

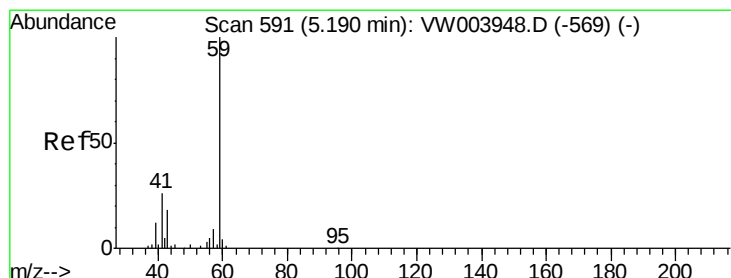
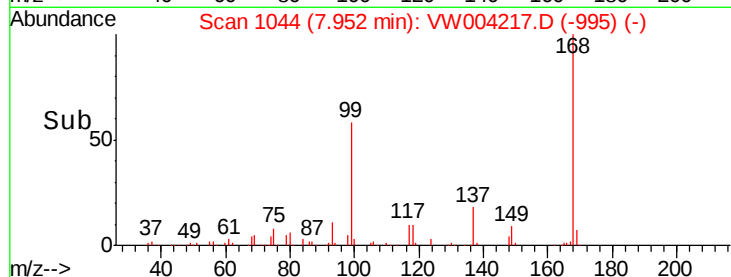
40000

20000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: 13.908 ug/l

RT: 5.18 min Scan# 590

Delta R.T. -0.01 min

Lab File: VW004217.D

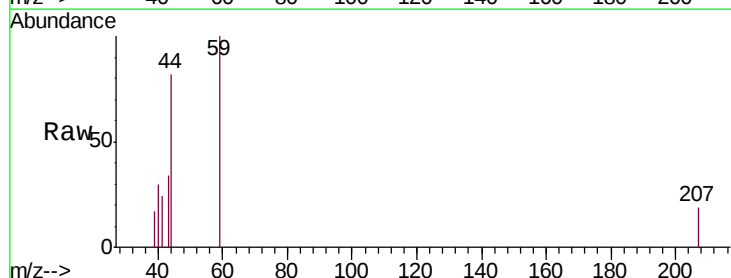
Acq: 26 Jul 2018 02:23

Tgt Ion: 59 Resp: 1862

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

500

400

300

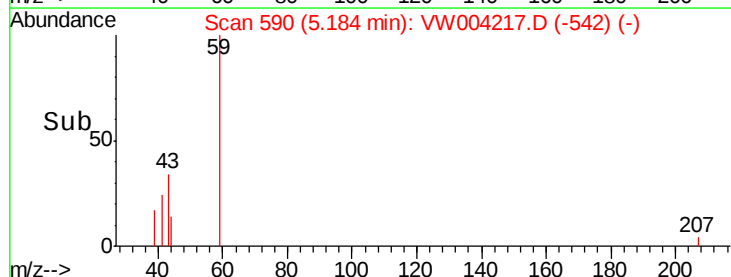
200

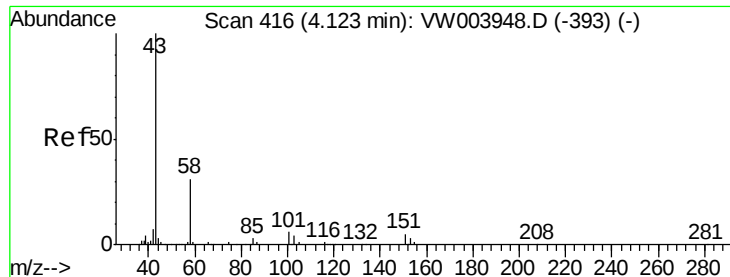
100

0

5.10 5.15 5.20 5.25

Time-->





#16

Acetone

Concen: 45.592 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.01 min

Lab File: VW004217.D

Acq: 26 Jul 2018 02:23

Instrument :

MSVOA_W

ClientSampleId :

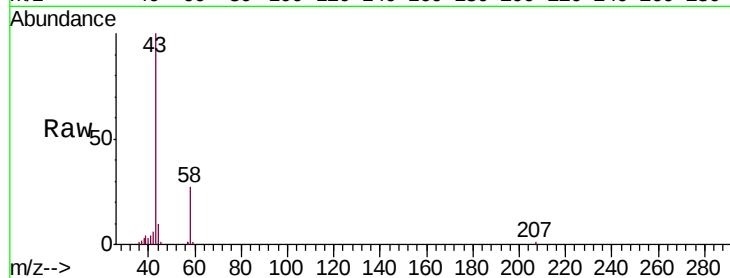
CON-SB-04-7-9

Tgt Ion: 43 Resp: 21247

Ion Ratio Lower Upper

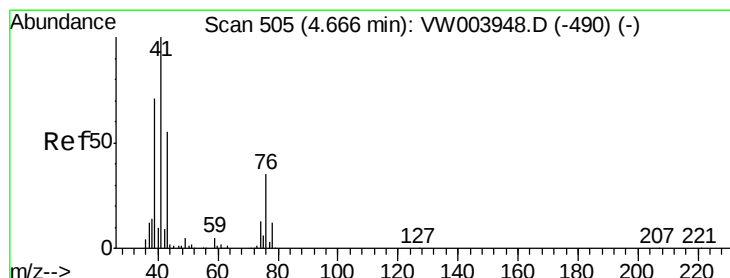
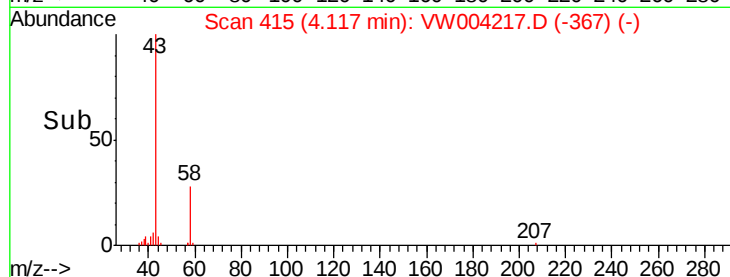
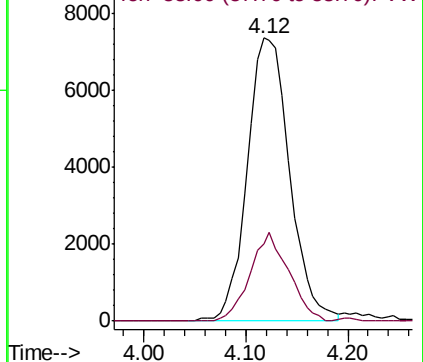
43 100

58 27.2 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 4.449 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.01 min

Lab File: VW004217.D

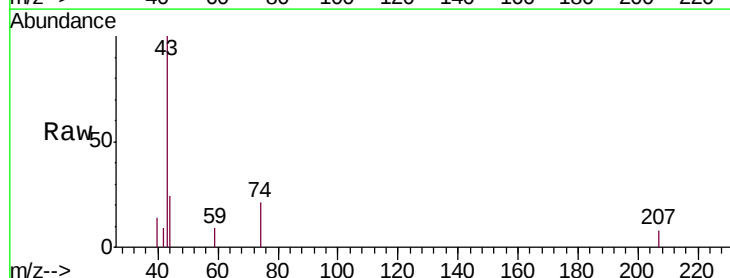
Acq: 26 Jul 2018 02:23

Tgt Ion: 43 Resp: 4977

Ion Ratio Lower Upper

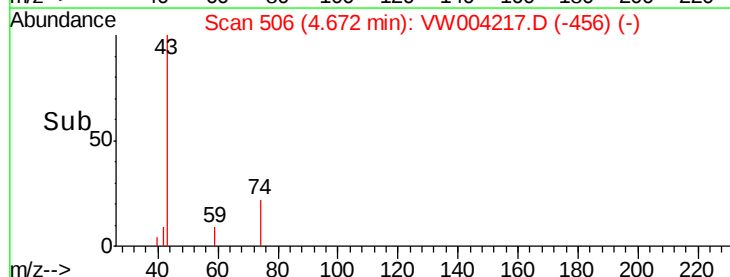
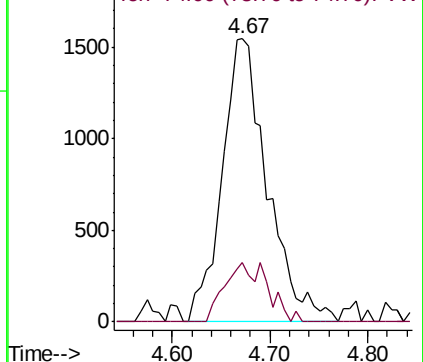
43 100

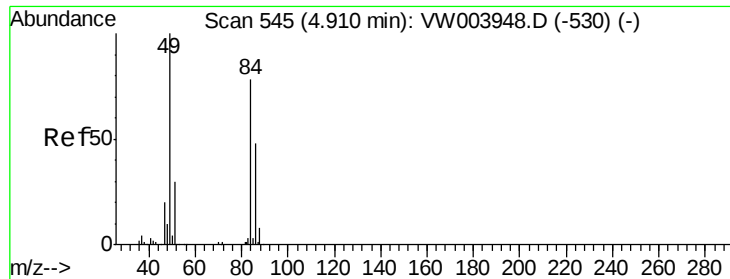
74 20.0 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

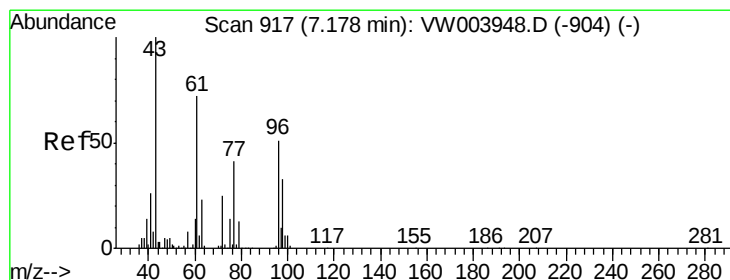
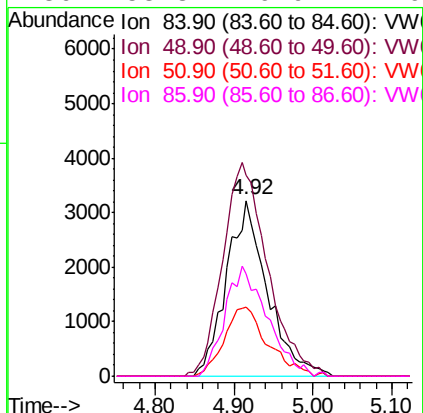
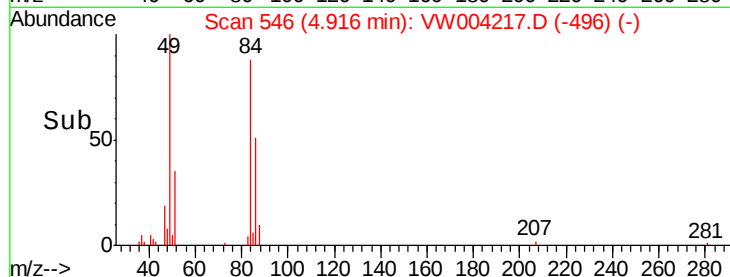
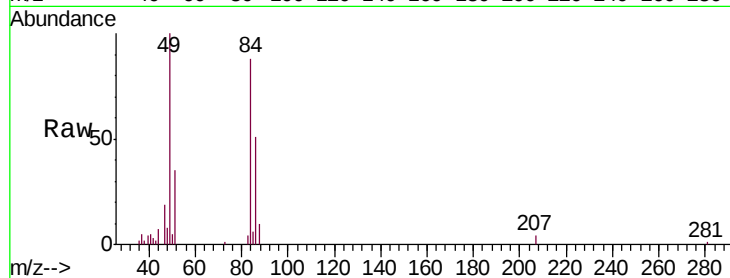




#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW004217.D
Acq: 26 Jul 2018 02:23

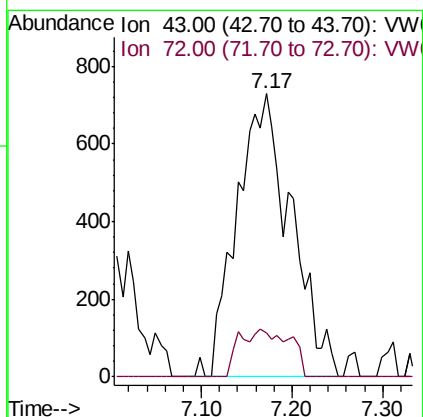
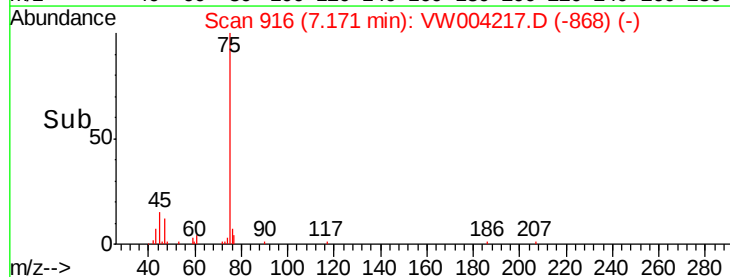
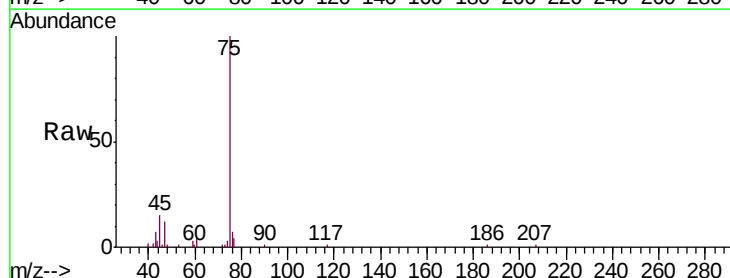
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CON-SB-04-7-9

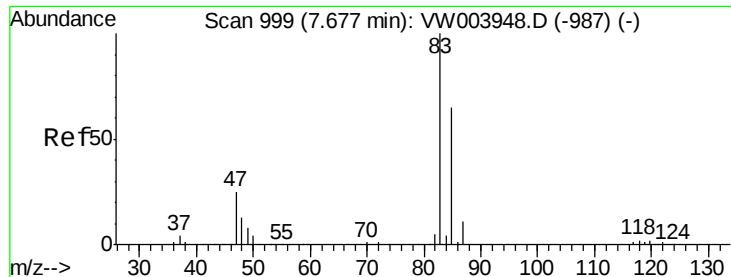
Tgt Ion: 84 Resp: 11620
Ion Ratio Lower Upper
84 100
49 114.1 102.9 154.3
51 39.4 30.9 46.3
86 58.3 49.9 74.9



#25
2-Butanone
Concen: 4.847 ug/l
RT: 7.17 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW004217.D
Acq: 26 Jul 2018 02:23

Tgt Ion: 43 Resp: 3040
Ion Ratio Lower Upper
43 100
72 15.5 19.8 29.6#

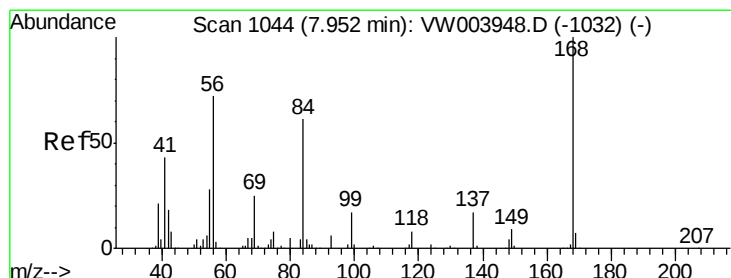
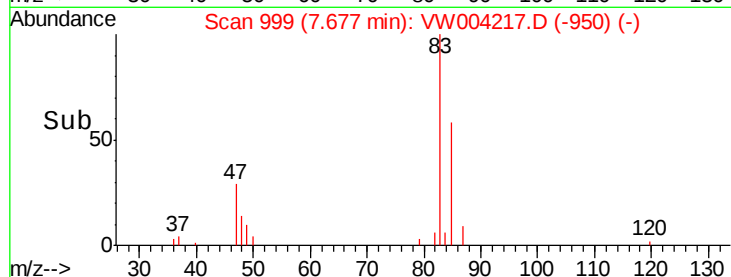
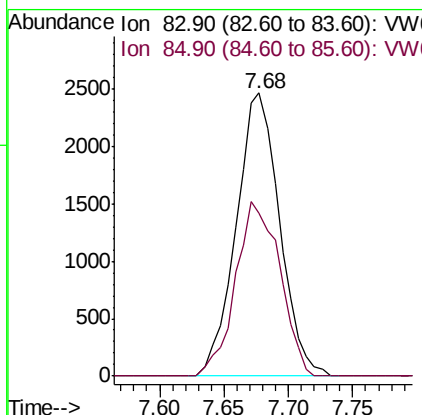
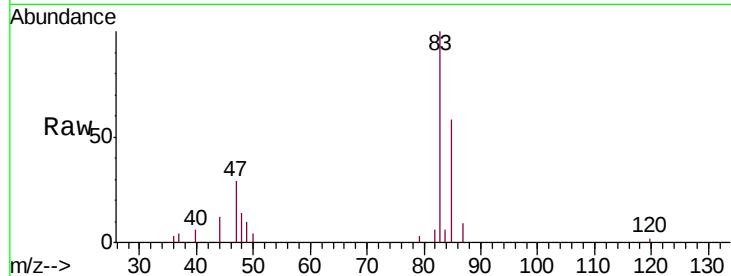




#30
Chloroform
Concen: 1.685 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004217.D
Acq: 26 Jul 2018 02:23

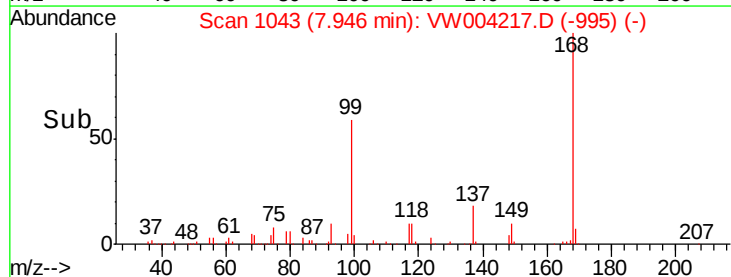
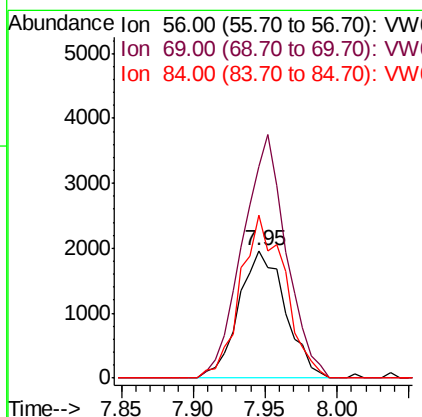
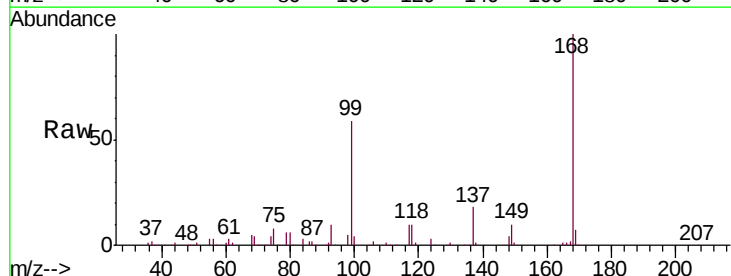
Instrument :
MSVOA_W
ClientSampleId :
CON-SB-04-7-9

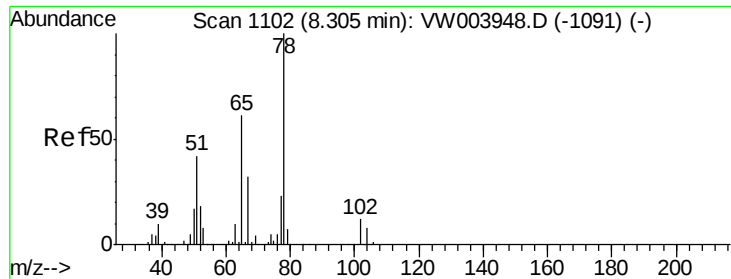
Tgt Ion: 83 Resp: 5754
Ion Ratio Lower Upper
83 100
85 57.7 52.2 78.4



#31
Cyclohexane
Concen: 1.368 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW004217.D
Acq: 26 Jul 2018 02:23

Tgt Ion: 56 Resp: 4401
Ion Ratio Lower Upper
56 100
69 166.4 27.8 41.8#
84 128.0 67.2 100.8#

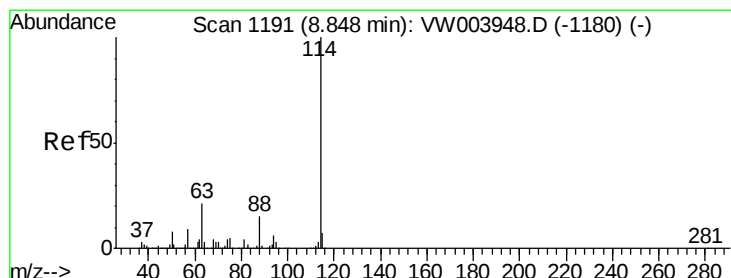
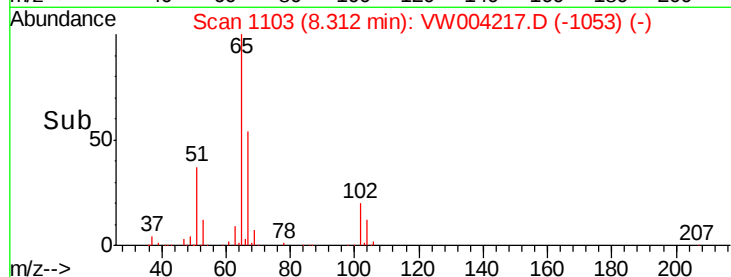
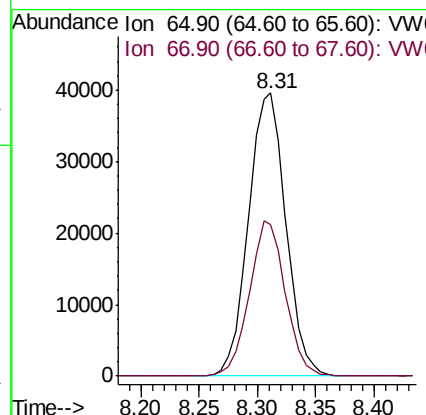
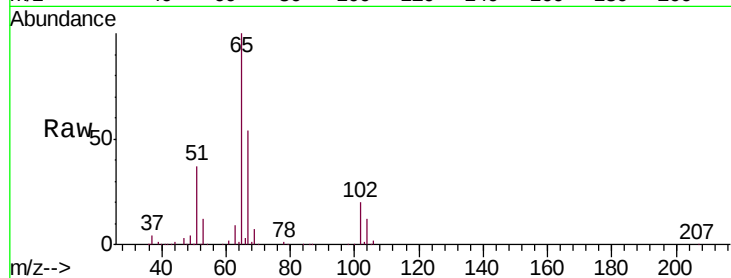




#33
 1,2-Dichloroethane-d4
 Concen: 45.714 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW004217.D
 Acq: 26 Jul 2018 02:23

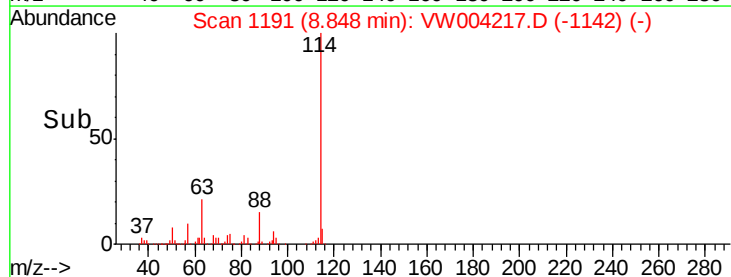
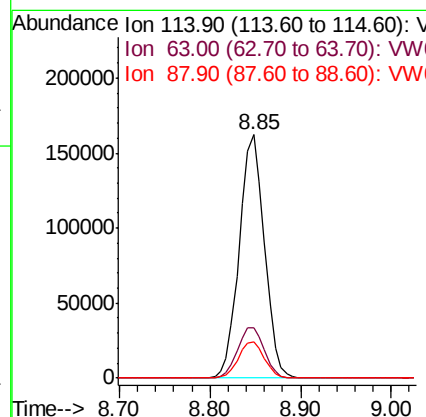
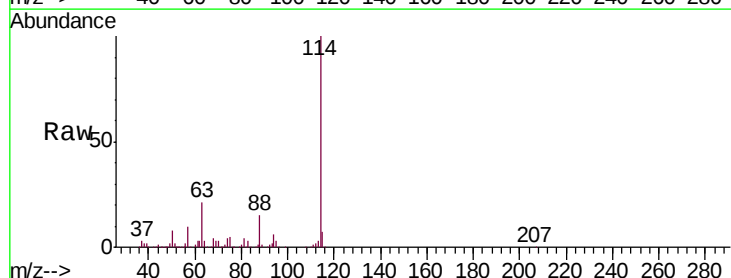
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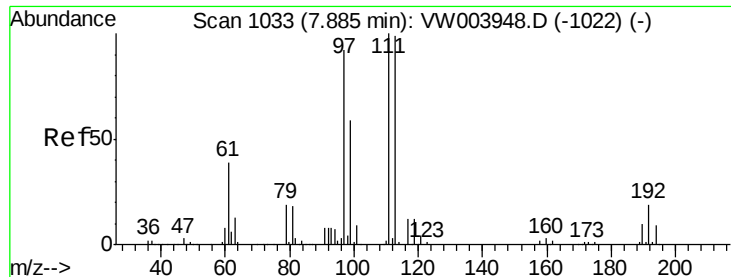
Tgt Ion: 65 Resp: 88654
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004217.D
 Acq: 26 Jul 2018 02:23

Tgt Ion: 114 Resp: 312495
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.8
 88 14.9 0.0 30.4

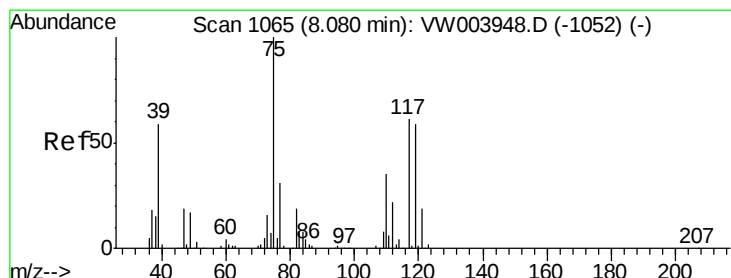
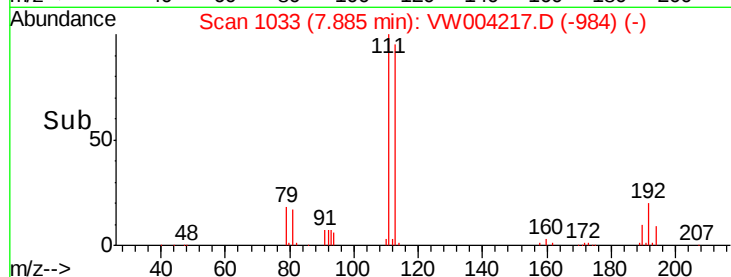
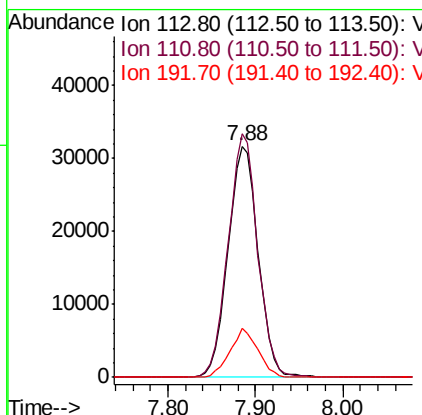
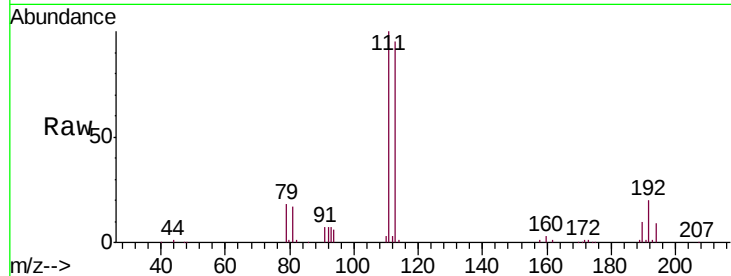




#35
 Dibromofluoromethane
 Concen: 37.835 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004217.D
 Acq: 26 Jul 2018 02:23

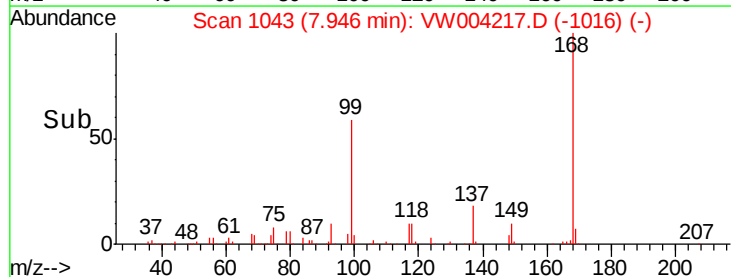
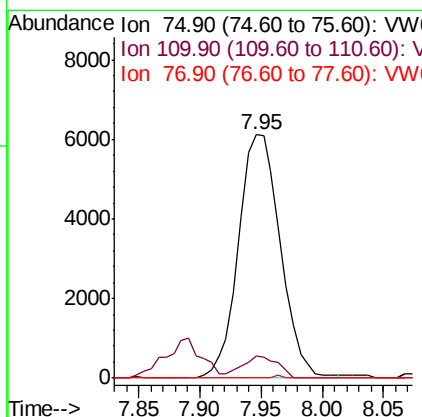
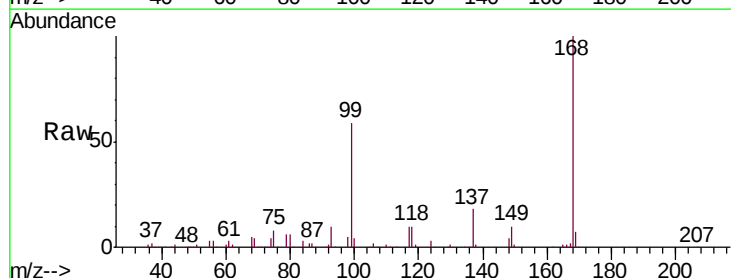
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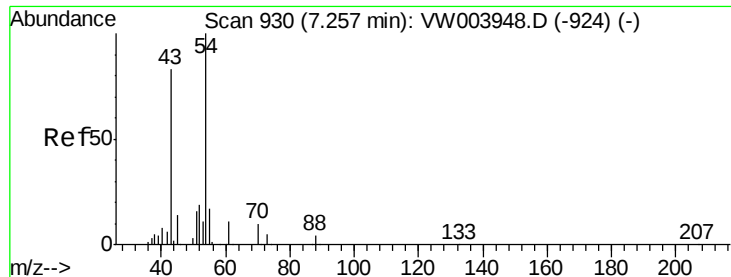
Tgt Ion:113 Resp: 75861
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.3 121.9
 192 19.6 15.8 23.6



#36
 1,1-Dichloropropene
 Concen: 4.532 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW004217.D
 Acq: 26 Jul 2018 02:23

Tgt Ion: 75 Resp: 14570
 Ion Ratio Lower Upper
 75 100
 110 7.7 17.0 51.0#
 77 0.2 24.9 37.3#

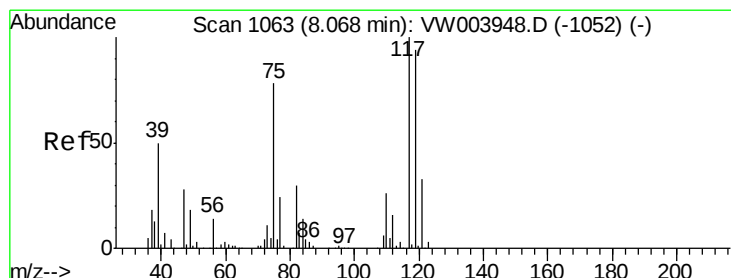
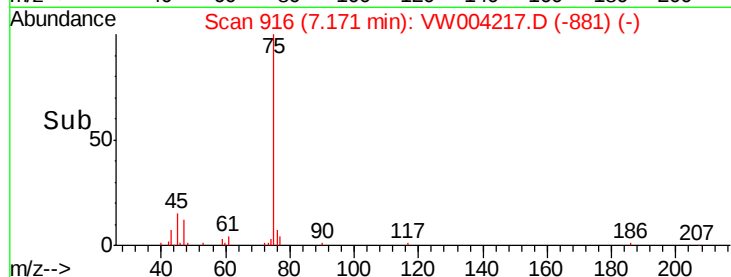
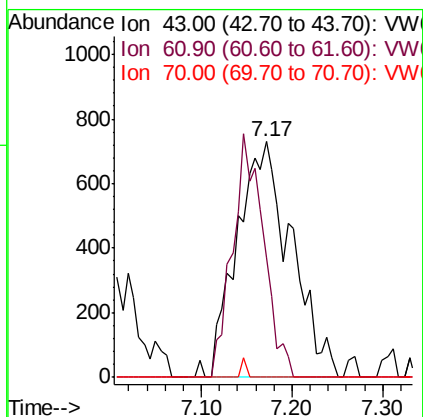
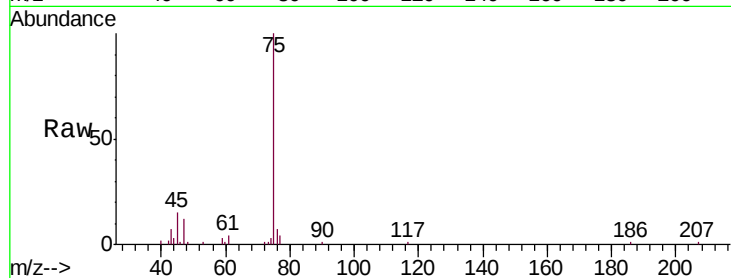




#37
Ethyl Acetate
Concen: 1.960 ug/l
RT: 7.17 min Scan# 916
Delta R.T. -0.09 min
Lab File: VW004217.D
Acq: 26 Jul 2018 02:23

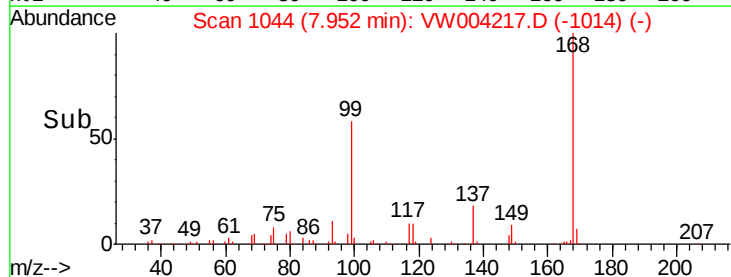
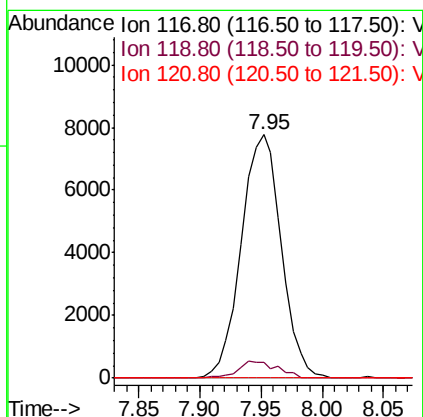
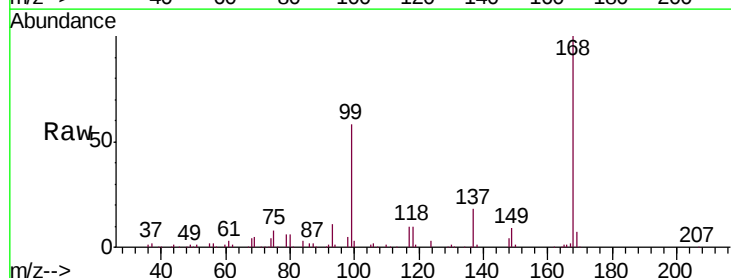
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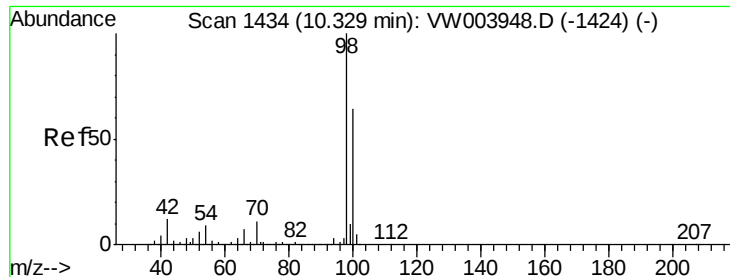
Tgt Ion: 43 Resp: 3040
Ion Ratio Lower Upper
43 100
61 0.0 10.7 16.1#
70 0.0 7.7 11.5#



#38
Carbon Tetrachloride
Concen: 5.865 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW004217.D
Acq: 26 Jul 2018 02:23

Tgt Ion: 117 Resp: 17619
Ion Ratio Lower Upper
117 100
119 6.6 75.3 112.9#
121 0.0 26.0 39.0#





#50

Toluene-d8

Concen: 28.149 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004217.D

Acq: 26 Jul 2018 02:23

Instrument :

MSVOA_W

ClientSampleId :

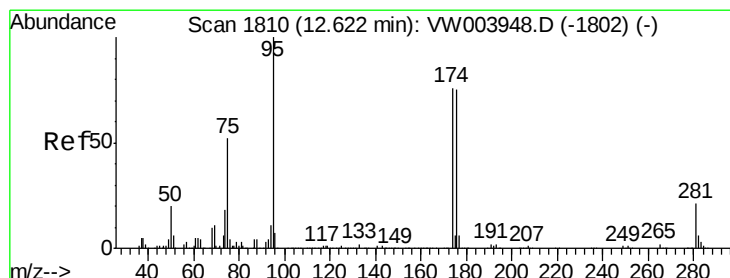
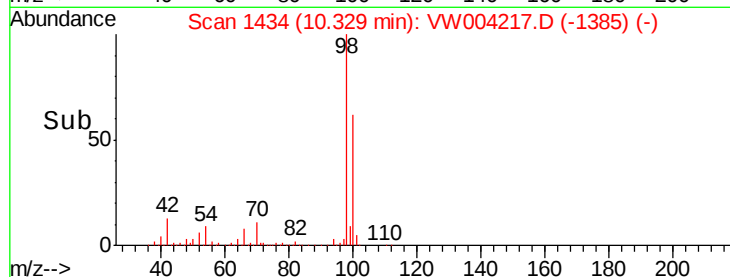
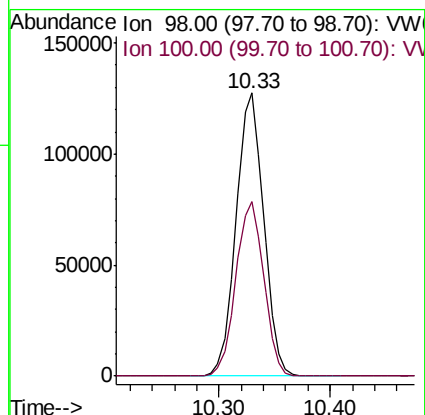
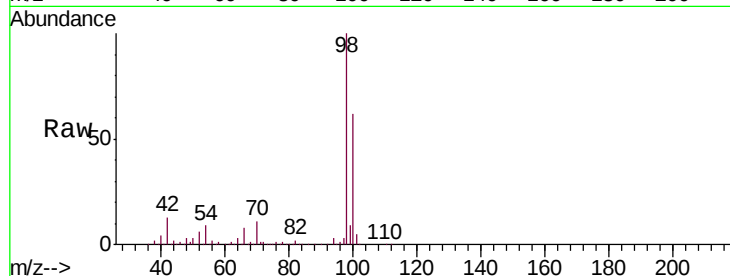
CON-SB-04-7-9

Tgt Ion: 98 Resp: 218999

Ion Ratio Lower Upper

98 100

100 62.4 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 21.548 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004217.D

Acq: 26 Jul 2018 02:23

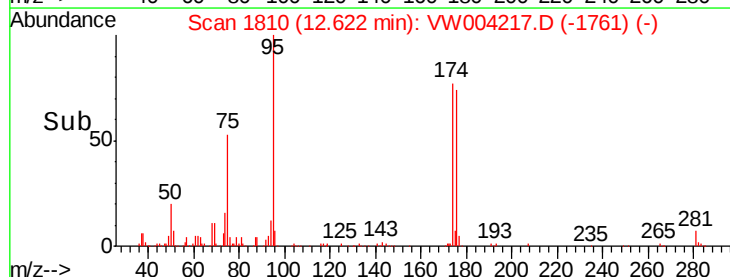
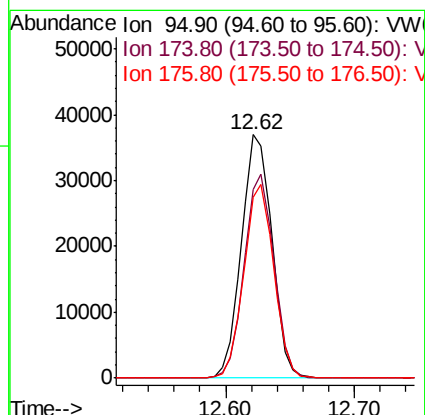
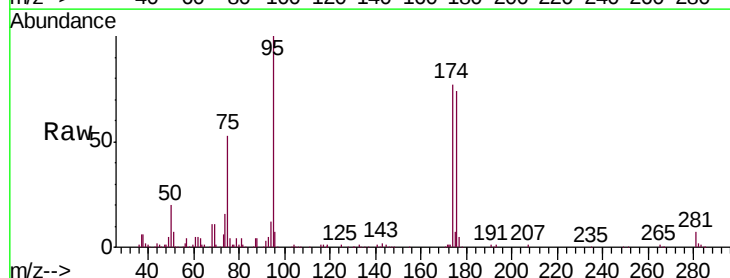
Tgt Ion: 95 Resp: 60453

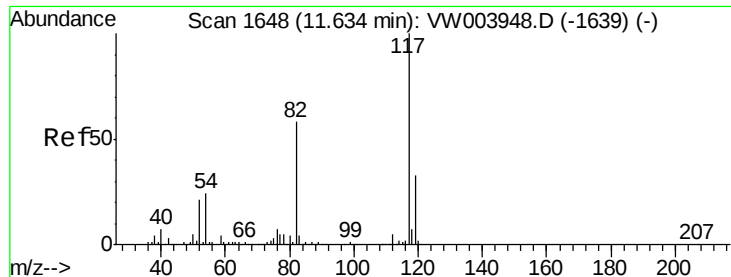
Ion Ratio Lower Upper

95 100

174 81.9 0.0 160.2

176 77.8 0.0 155.8

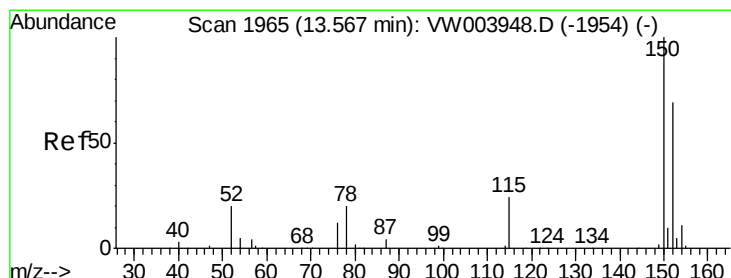
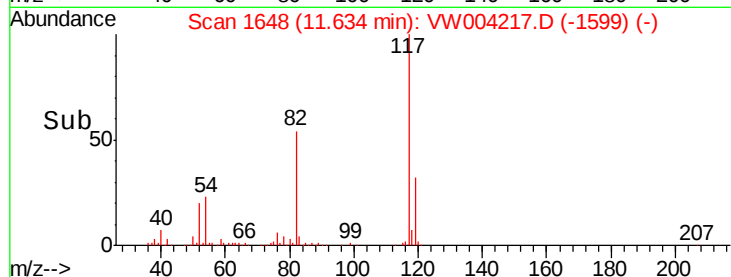
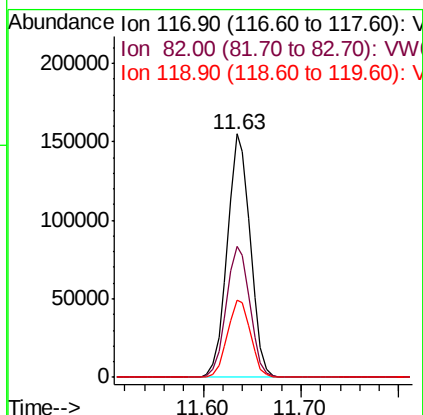
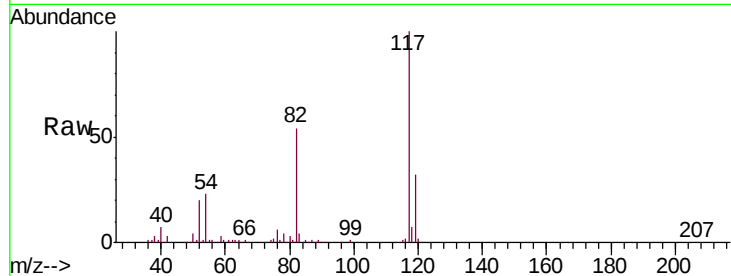




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004217.D
Acq: 26 Jul 2018 02:23

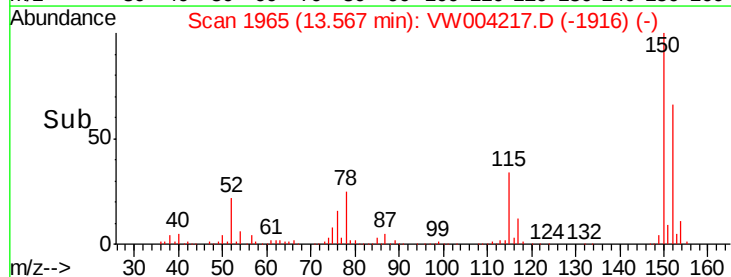
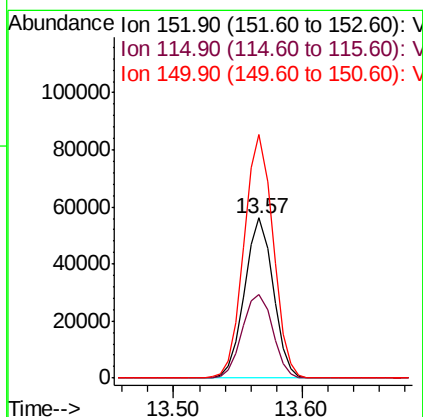
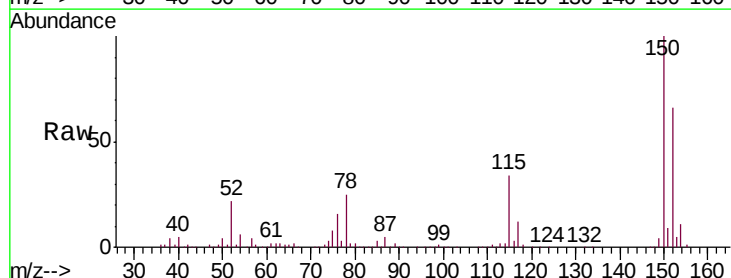
Instrument :
MSVOA_W
ClientSampleId :
CON-SB-04-7-9

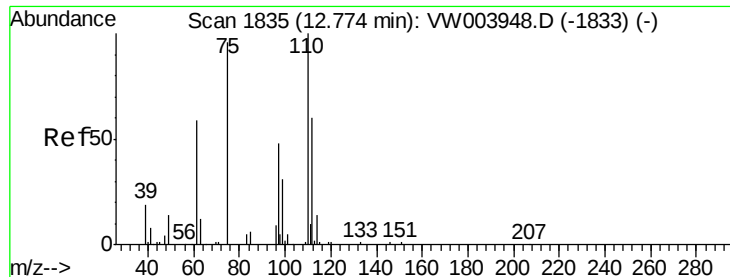
Tgt Ion:117 Resp: 251418
Ion Ratio Lower Upper
117 100
82 53.9 46.5 69.7
119 31.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004217.D
Acq: 26 Jul 2018 02:23

Tgt Ion:152 Resp: 86575
Ion Ratio Lower Upper
152 100
115 55.4 29.2 87.6
150 153.5 0.0 345.2





#76

1,2,3-Trichloropropane

Concen: 36.950 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004217.D

Acq: 26 Jul 2018 02:23

Instrument :

MSVOA_W

ClientSampleId :

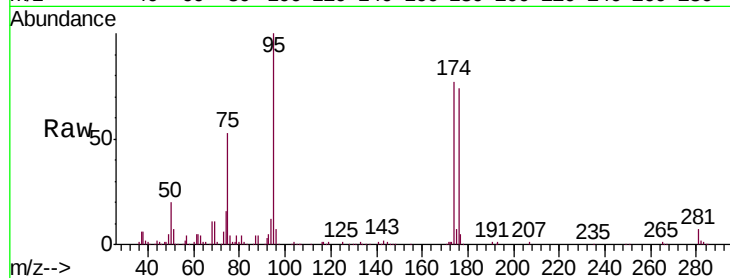
CON-SB-04-7-9

Tgt Ion: 75 Resp: 31758

Ion Ratio Lower Upper

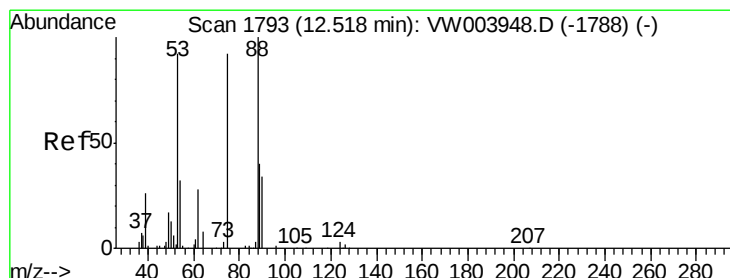
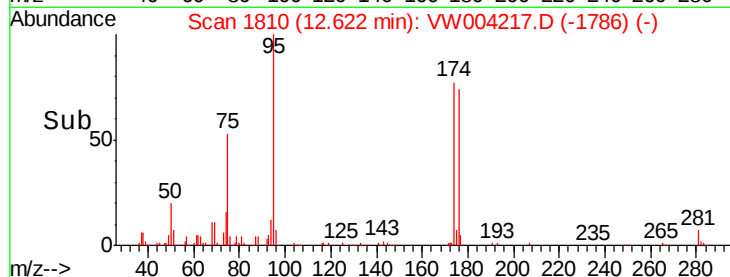
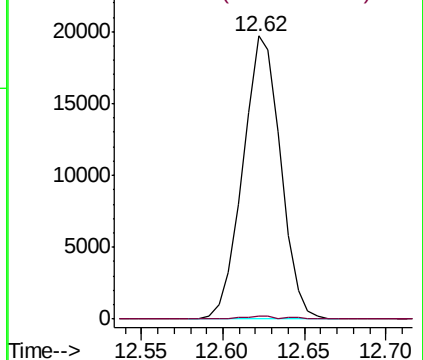
75 100

77 0.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#81

trans-1,4-Dichloro-2-butene

Concen: 81.732 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004217.D

Acq: 26 Jul 2018 02:23

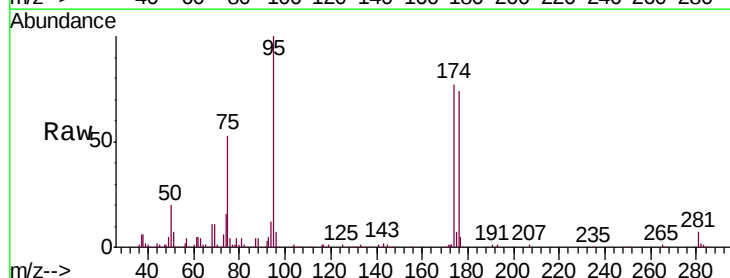
Tgt Ion: 75 Resp: 31758

Ion Ratio Lower Upper

75 100

53 0.2 77.6 116.4#

89 0.0 36.6 54.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

