

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072618\
 Data File : VW004219.D
 Acq On : 26 Jul 2018 03:15
 Operator : SY/AP
 Sample : J4095-06
 Misc : 14.43G/5ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CON-SB-05-7-9

Quant Time: Jul 26 05:14:45 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	152500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	264750	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	175304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	53552	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	79222	46.47	ug/l	0.00
Spiked Amount			Recovery	=	92.94%	
35) Dibromofluoromethane	7.88	113	67684	39.84	ug/l	0.00
Spiked Amount			Recovery	=	79.68%	
50) Toluene-d8	10.33	98	111906	16.98	ug/l	0.00
Spiked Amount			Recovery	=	33.96%	
62) 4-Bromofluorobenzene	12.62	95	42258	17.78	ug/l	0.00
Spiked Amount			Recovery	=	35.56%	

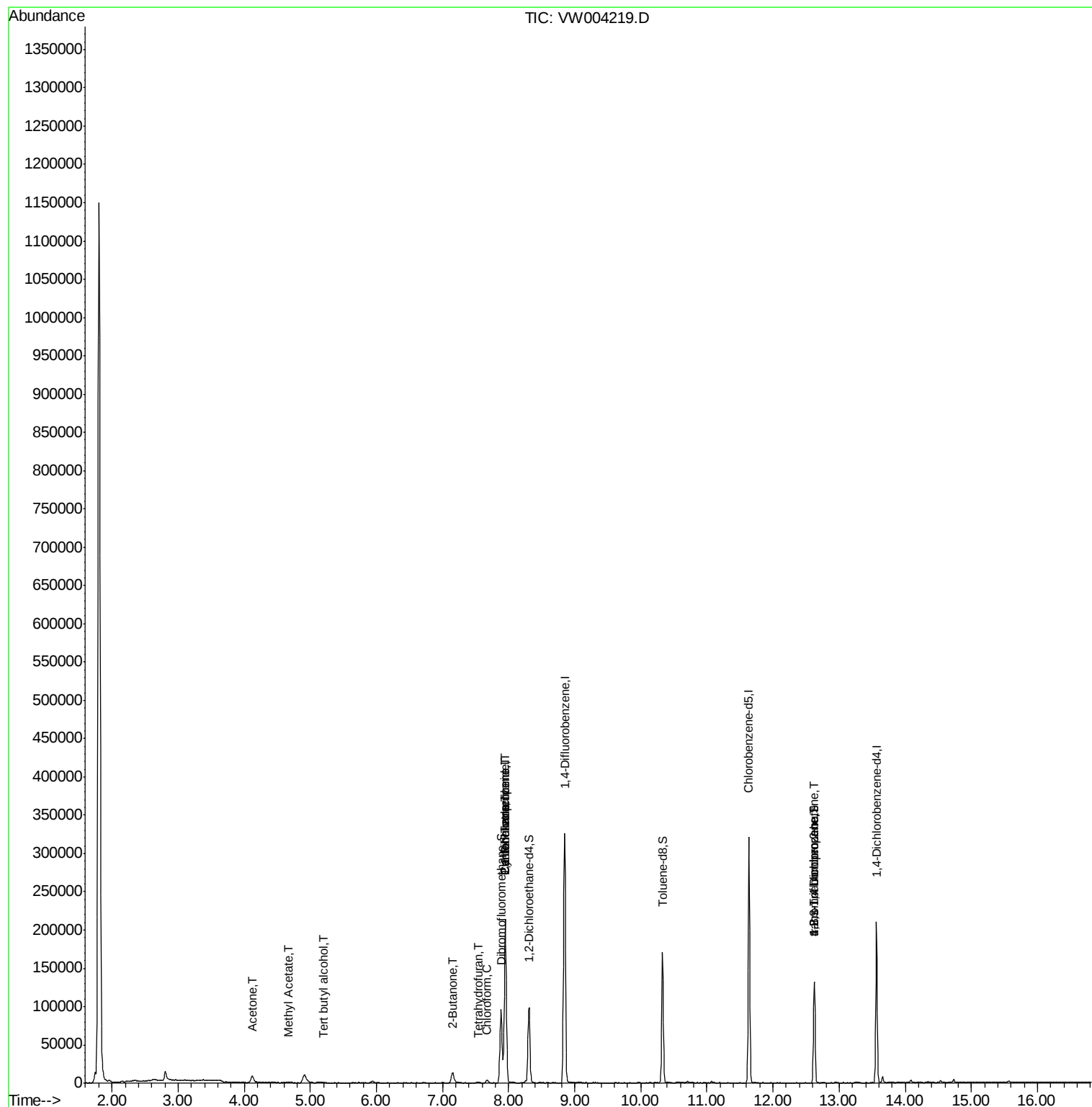
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	214	1.819	ug/l #	72
16) Acetone	4.12	43	16048	39.177	ug/l	96
18) Methyl Acetate	4.67	43	1655	1.683	ug/l #	76
20) Methylene Chloride	4.91	84	9167	Below Cal		96
25) 2-Butanone	7.15	43	817	1.482	ug/l #	51
29) Tetrahydrofuran	7.54	42	446	1.299	ug/l #	52
30) Chloroform	7.68	83	3119	1.039	ug/l	91
31) Cyclohexane	7.95	56	3619	1.280	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	13244	4.862	ug/l #	50
38) Carbon Tetrachloride	7.95	117	15917	6.254	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	21479	40.401	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	21479	89.365	ug/l #	11

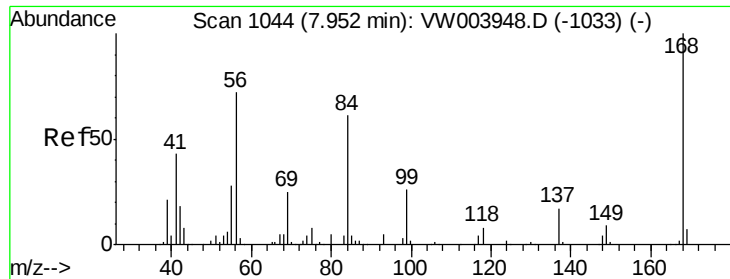
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072618\
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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: VW004219.D

Acq: 26 Jul 2018 03:15

Instrument :

MSVOA_W

ClientSampleId :

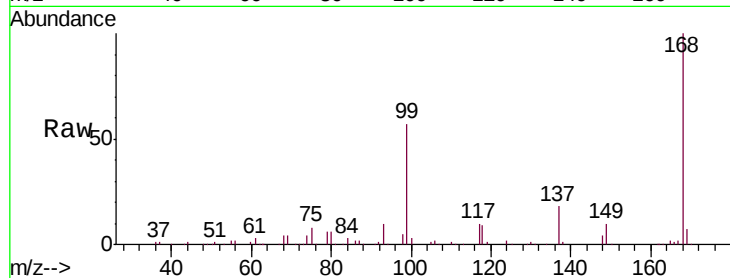
CON-SB-05-7-9

Tgt Ion:168 Resp: 152500

Ion Ratio Lower Upper

168 100

99 56.9 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

40000

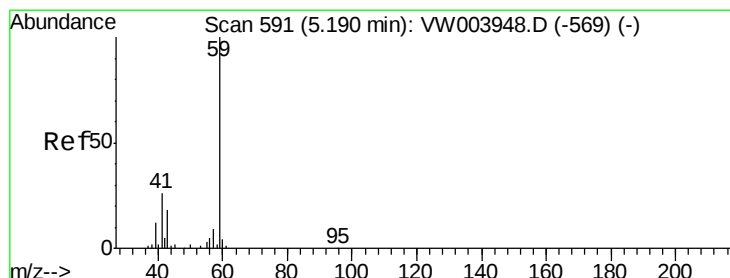
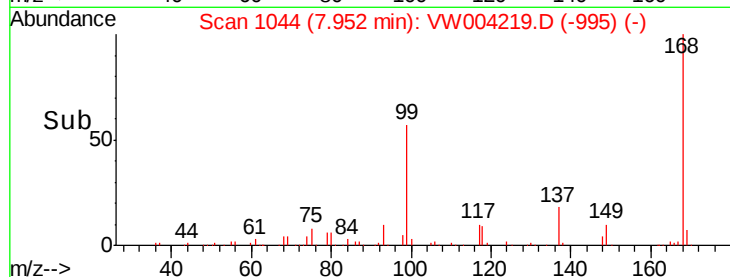
20000

0

Time-->

7.90

8.00



#11

Tert butyl alcohol

Concen: 1.819 ug/l

RT: 5.20 min Scan# 592

Delta R.T. 0.01 min

Lab File: VW004219.D

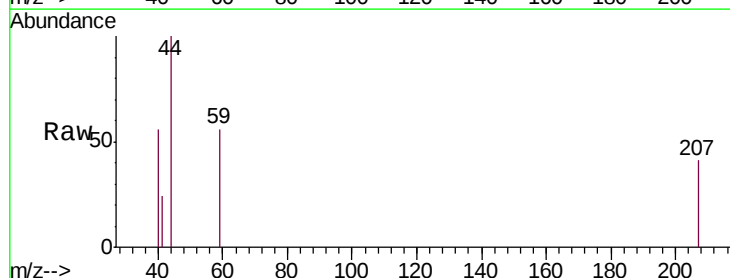
Acq: 26 Jul 2018 03:15

Tgt Ion: 59 Resp: 214

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

5.20

150

100

50

0

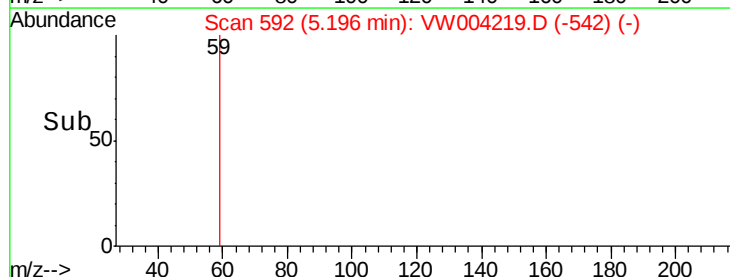
Time-->

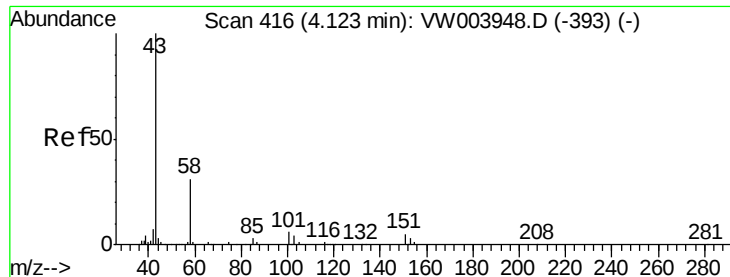
5.16

5.18

5.20

5.22





#16

Acetone

Concen: 39.177 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.00 min

Lab File: VW004219.D

Acq: 26 Jul 2018 03:15

Instrument :

MSVOA_W

ClientSampleId :

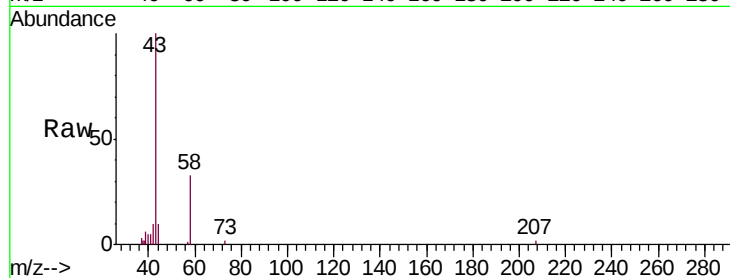
CON-SB-05-7-9

Tgt Ion: 43 Resp: 16048

Ion Ratio Lower Upper

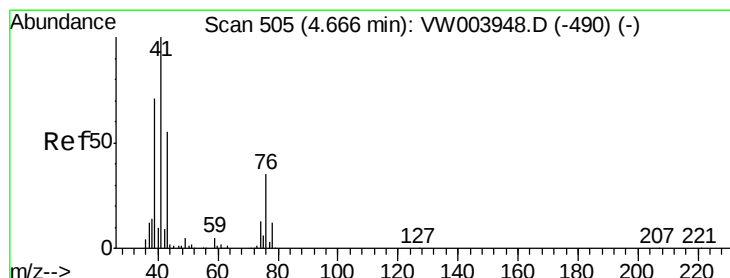
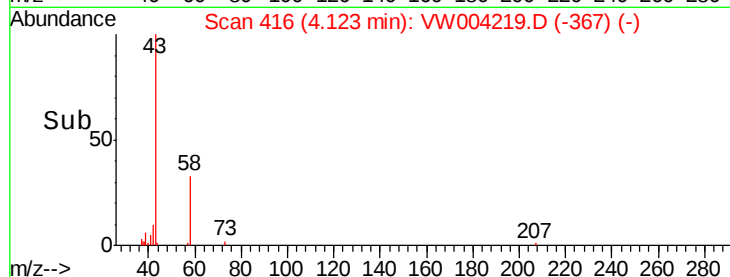
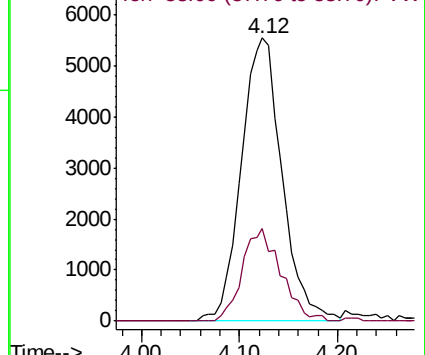
43 100

58 32.6 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: 1.683 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.01 min

Lab File: VW004219.D

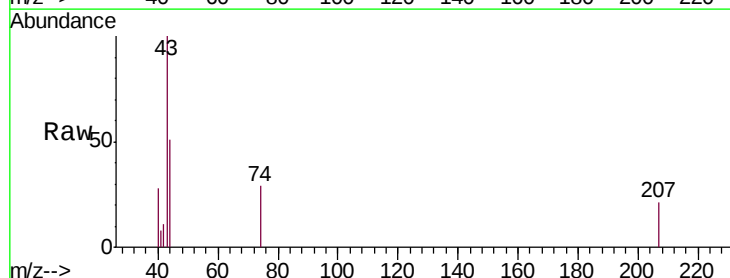
Acq: 26 Jul 2018 03:15

Tgt Ion: 43 Resp: 1655

Ion Ratio Lower Upper

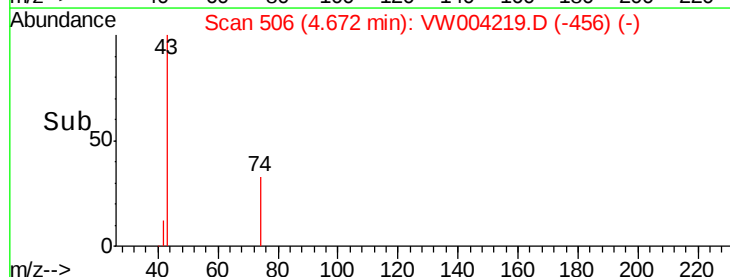
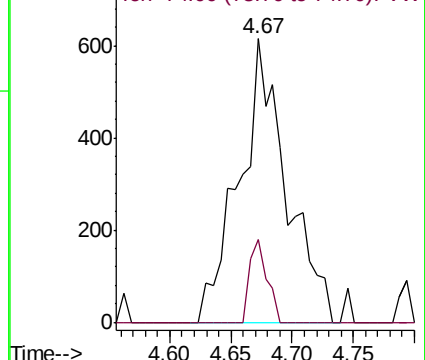
43 100

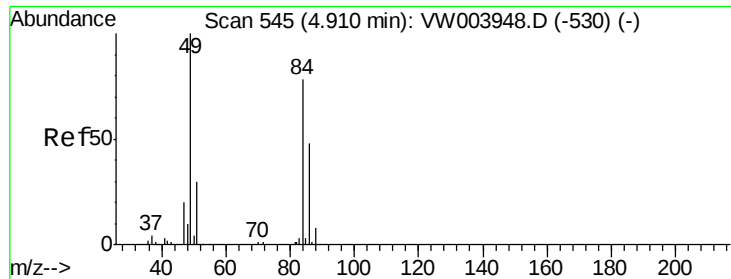
74 10.7 17.7 26.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

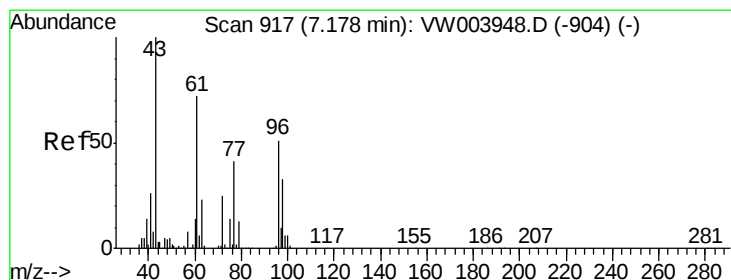
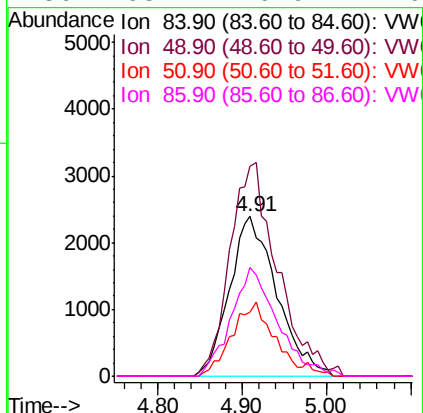
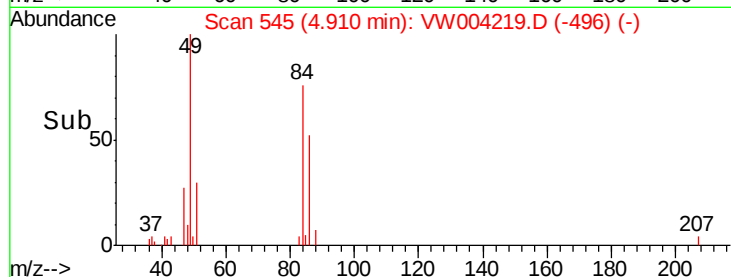
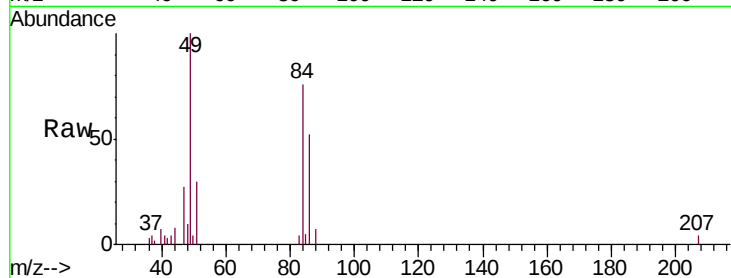




#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004219.D
Acq: 26 Jul 2018 03:15

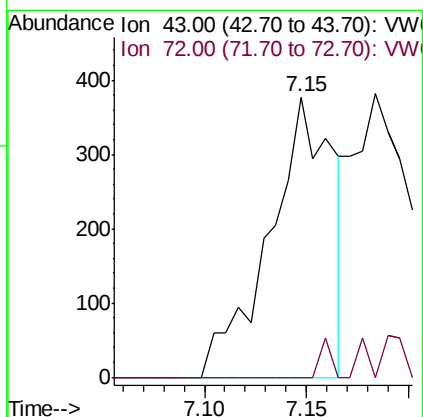
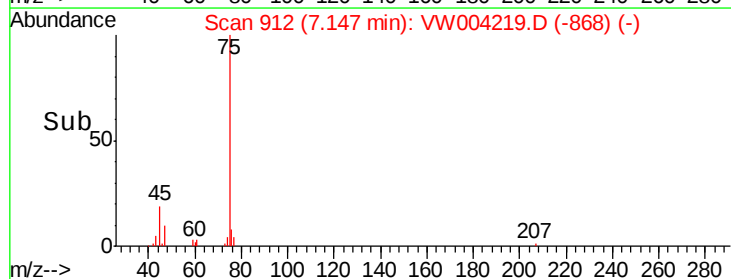
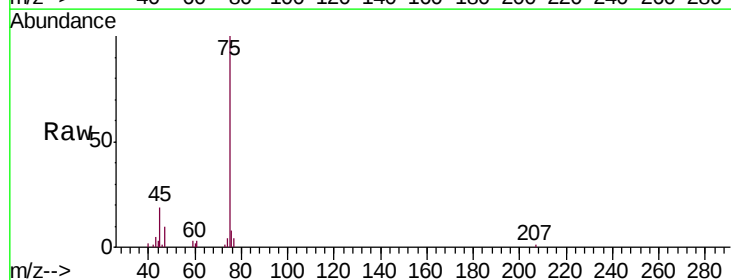
Instrument :
MSVOA_W
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CON-SB-05-7-9

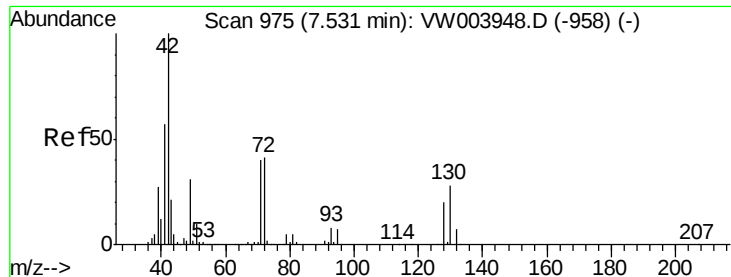
Tgt Ion: 84 Resp: 9167
Ion Ratio Lower Upper
84 100
49 131.4 102.9 154.3
51 39.8 30.9 46.3
86 68.4 49.9 74.9



#25
2-Butanone
Concen: 1.482 ug/l
RT: 7.15 min Scan# 912
Delta R.T. -0.03 min
Lab File: VW004219.D
Acq: 26 Jul 2018 03:15

Tgt Ion: 43 Resp: 817
Ion Ratio Lower Upper
43 100
72 0.0 19.8 29.6#

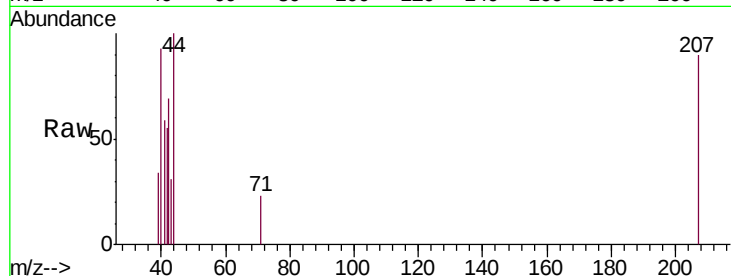




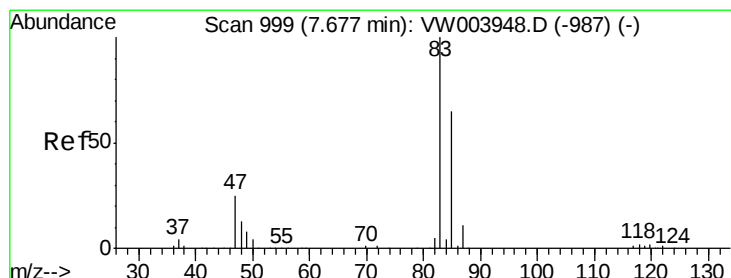
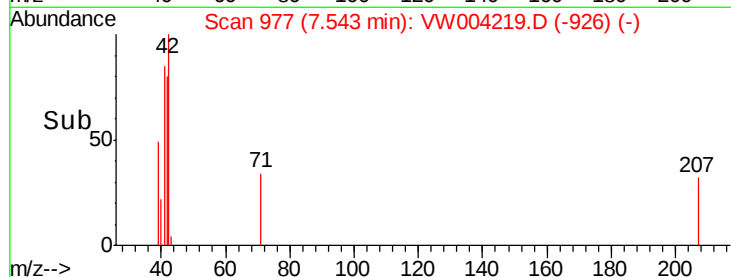
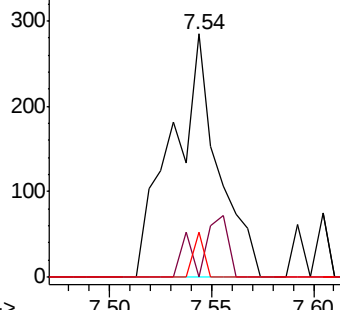
#29
Tetrahydrofuran
Concen: 1.299 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW004219.D
Acq: 26 Jul 2018 03:15

Instrument :
MSVOA_W
ClientSampleId :
CON-SB-05-7-9

Tgt Ion: 42 Resp: 446
Ion Ratio Lower Upper
42 100
72 15.0 32.6 48.8#
71 4.3 30.5 45.7#

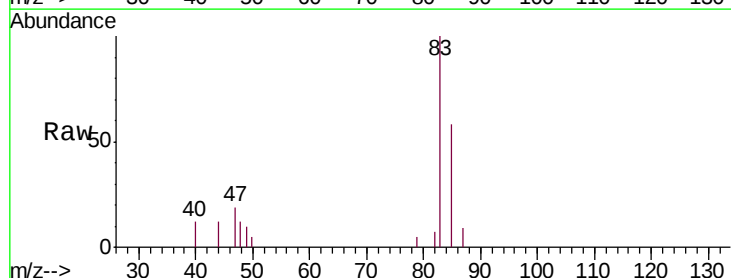


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

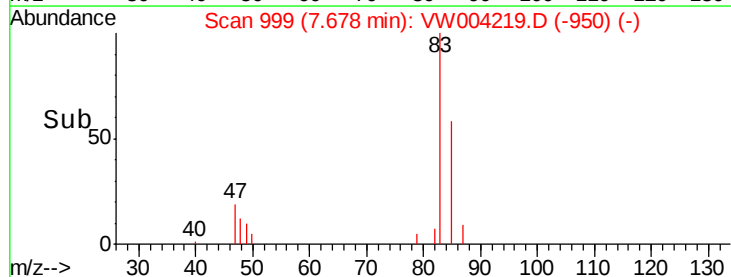
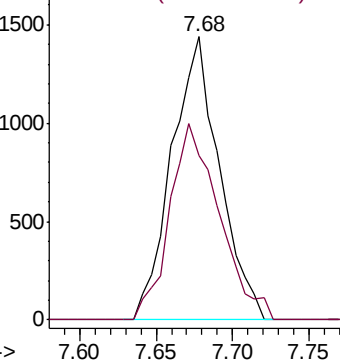


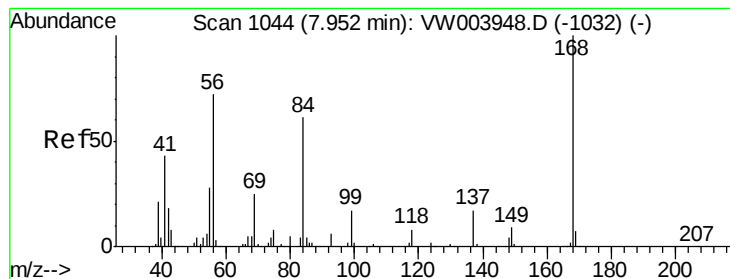
#30
Chloroform
Concen: 1.039 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004219.D
Acq: 26 Jul 2018 03:15

Tgt Ion: 83 Resp: 3119
Ion Ratio Lower Upper
83 100
85 58.2 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 1.280 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW004219.D

Acq: 26 Jul 2018 03:15

Instrument :

MSVOA_W

ClientSampleId :

CON-SB-05-7-9

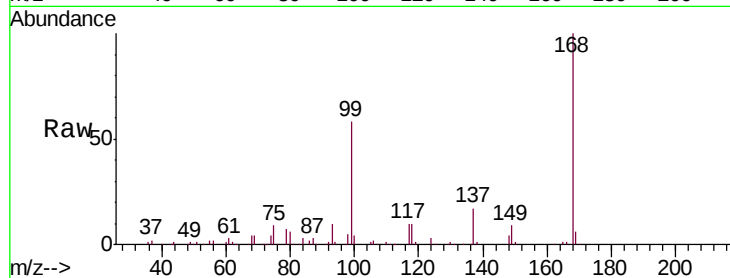
Tgt Ion: 56 Resp: 3619

Ion Ratio Lower Upper

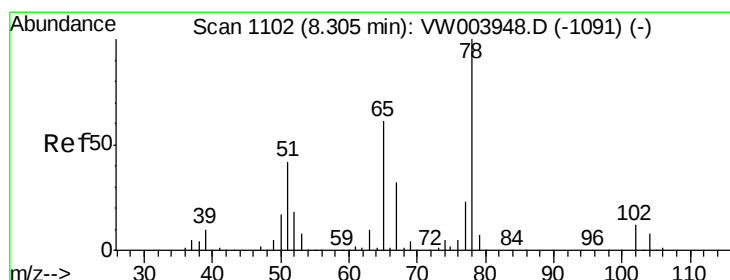
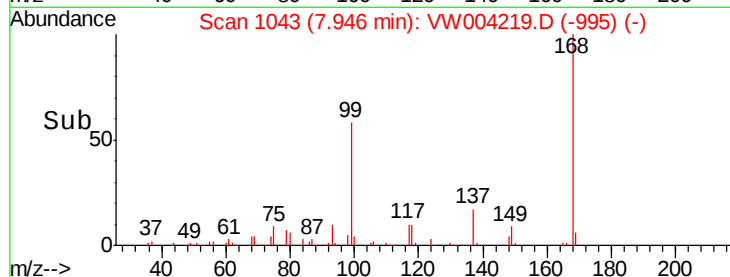
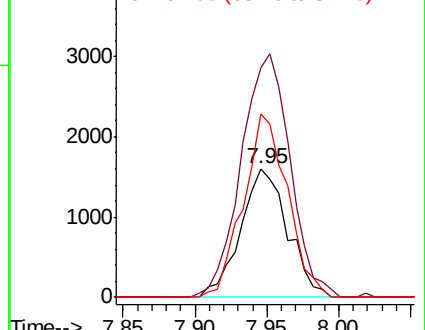
56 100

69 178.4 27.8 41.8#

84 143.1 67.2 100.8#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 46.474 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW004219.D

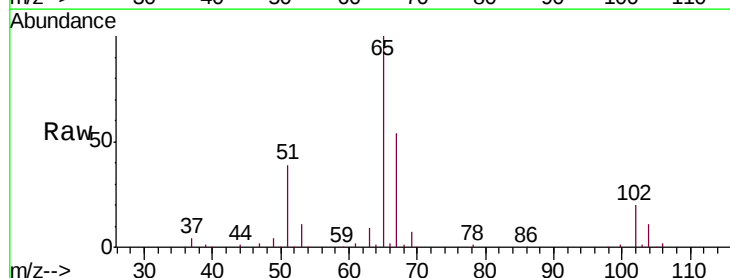
Acq: 26 Jul 2018 03:15

Tgt Ion: 65 Resp: 79222

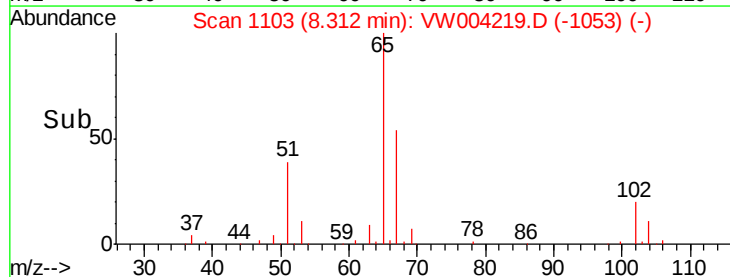
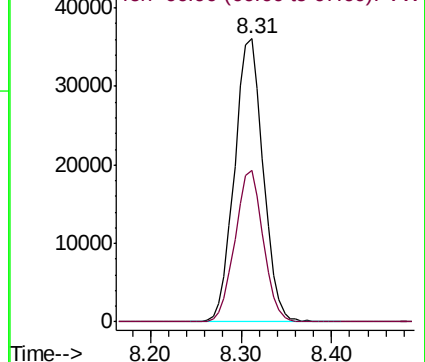
Ion Ratio Lower Upper

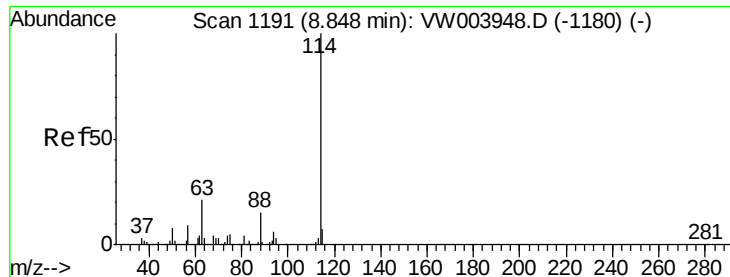
65 100

67 52.5 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

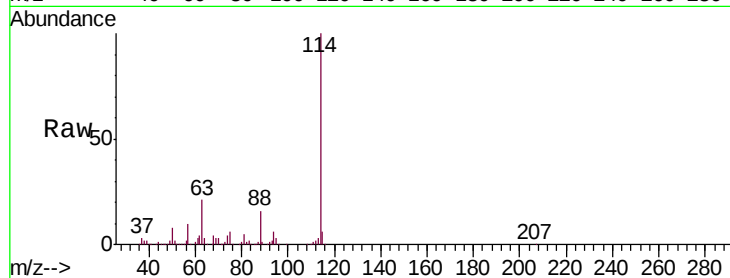




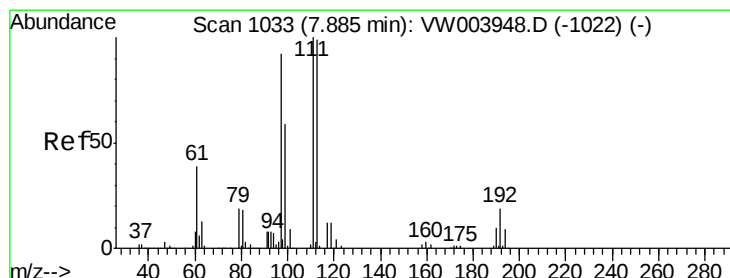
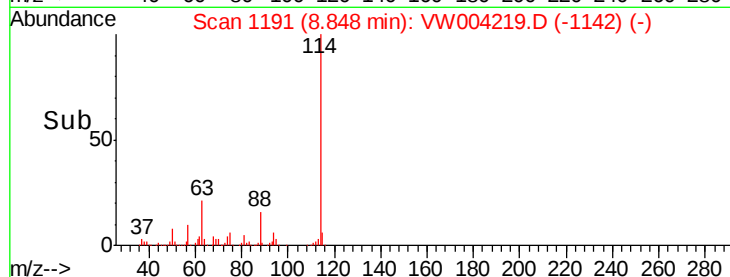
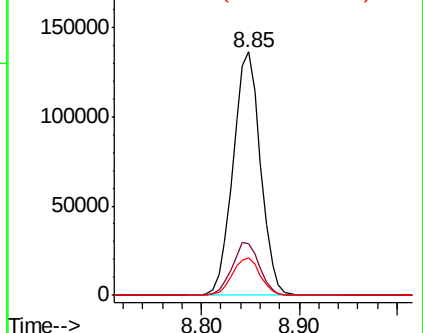
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004219.D
 Acq: 26 Jul 2018 03:15

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Tgt Ion:114 Resp: 264750
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 42.8
 88 15.5 0.0 30.4

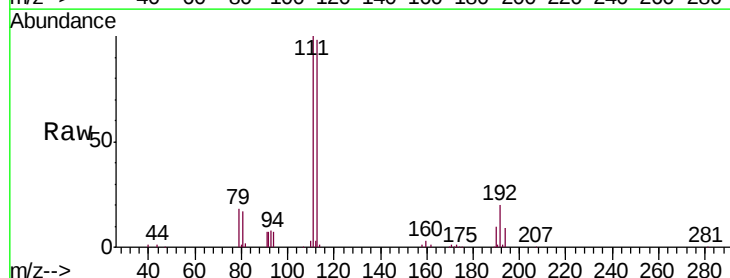


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

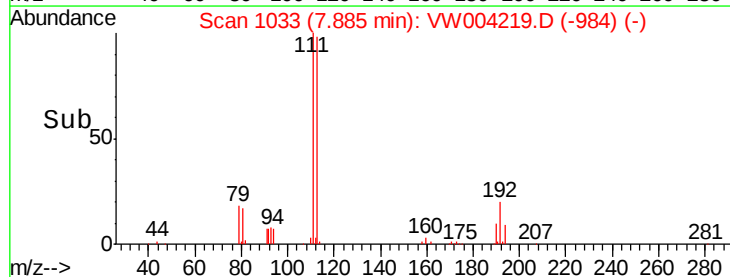
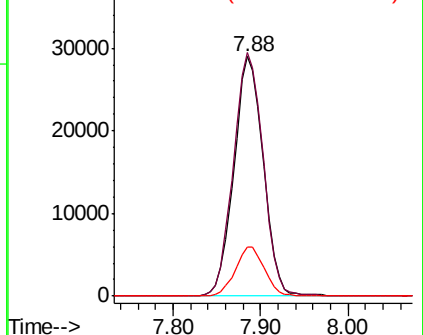


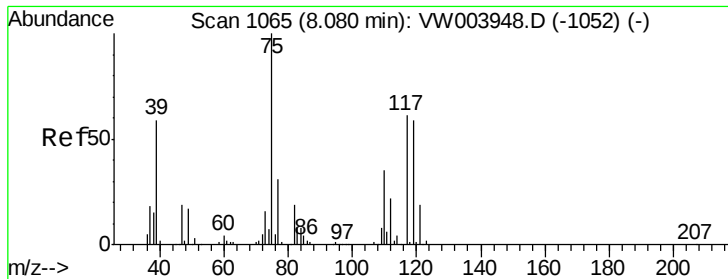
#35
 Dibromofluoromethane
 Concen: 39.845 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004219.D
 Acq: 26 Jul 2018 03:15

Tgt Ion:113 Resp: 67684
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.3 121.9
 192 20.2 15.8 23.6



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

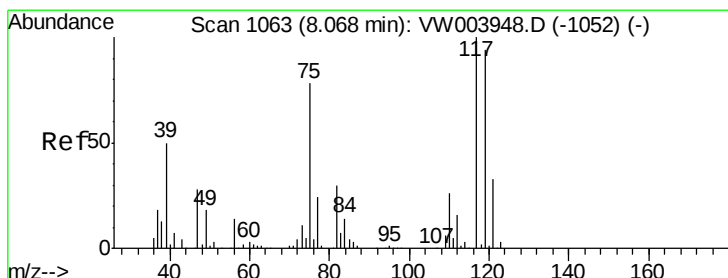
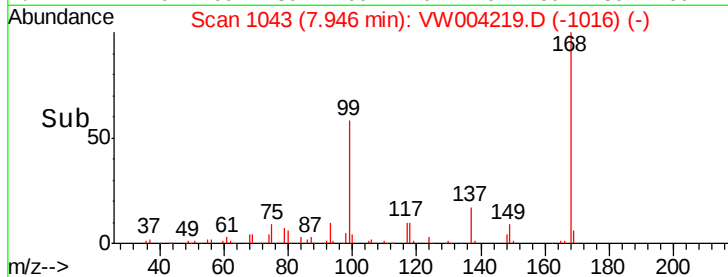
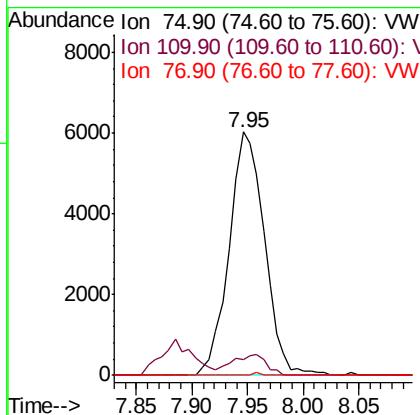
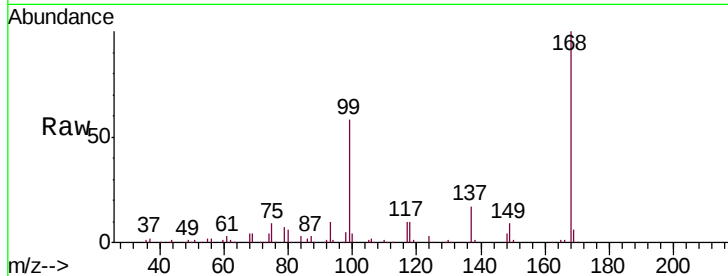




#36
 1,1-Dichloropropene
 Concen: 4.862 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW004219.D
 Acq: 26 Jul 2018 03:15

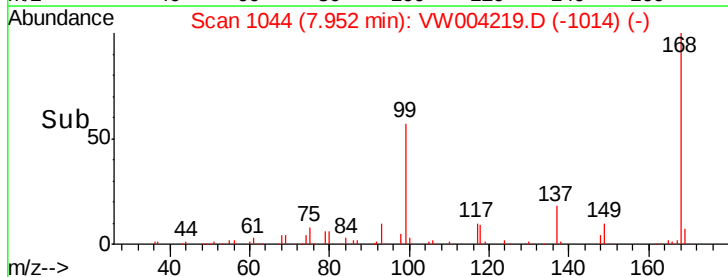
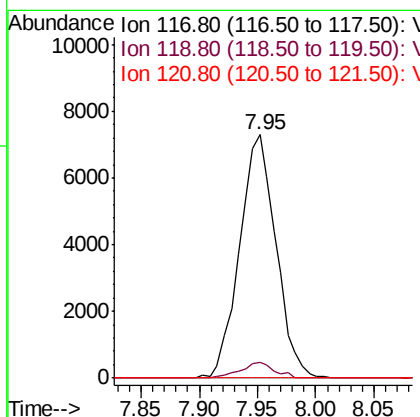
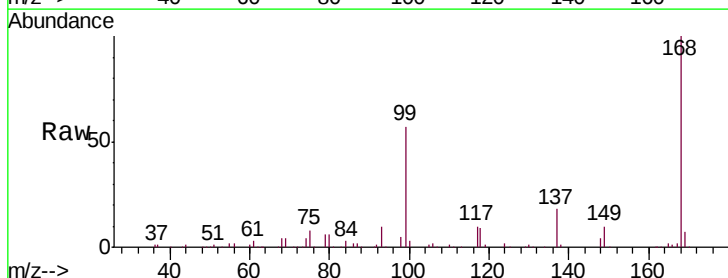
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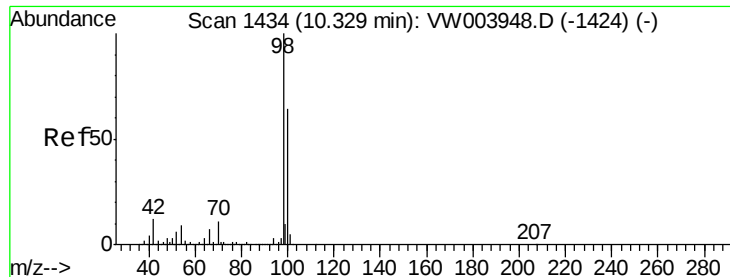
Tgt Ion: 75 Resp: 13244
 Ion Ratio Lower Upper
 75 100
 110 8.3 17.0 51.0#
 77 0.2 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.254 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW004219.D
 Acq: 26 Jul 2018 03:15

Tgt Ion: 117 Resp: 15917
 Ion Ratio Lower Upper
 117 100
 119 6.6 75.3 112.9#
 121 0.0 26.0 39.0#





#50

Toluene-d8

Concen: 16.978 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004219.D

Acq: 26 Jul 2018 03:15

Instrument :

MSVOA_W

ClientSampleId :

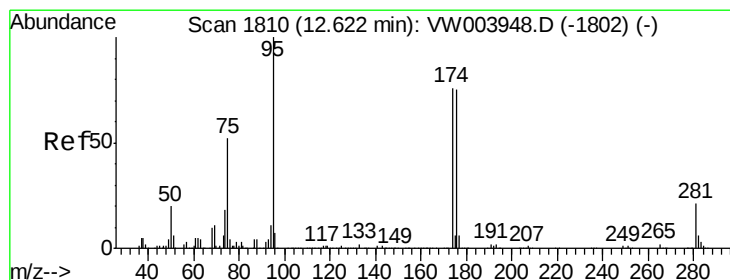
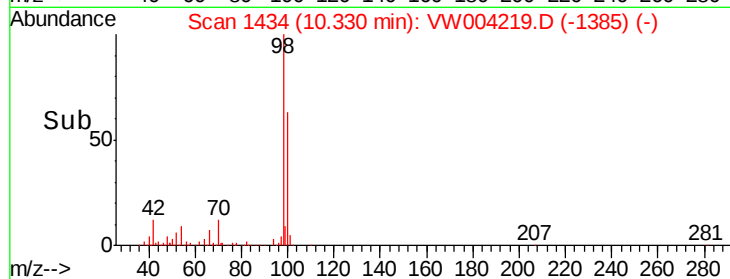
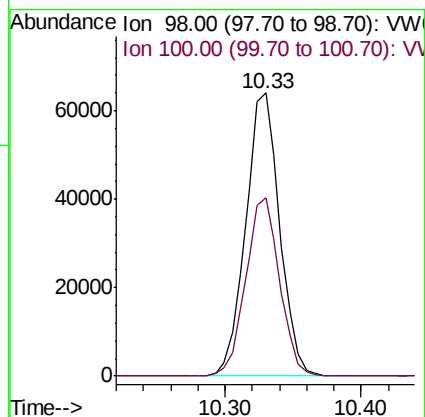
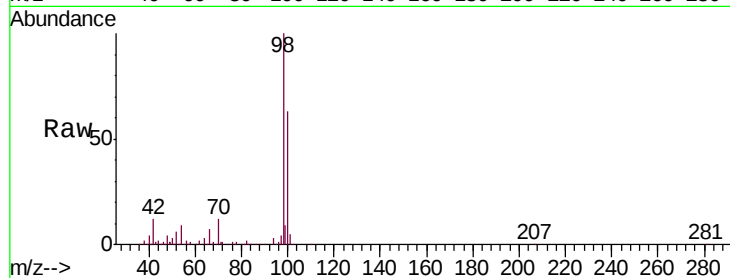
CON-SB-05-7-9

Tgt Ion: 98 Resp: 111906

Ion Ratio Lower Upper

98 100

100 62.8 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 17.779 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004219.D

Acq: 26 Jul 2018 03:15

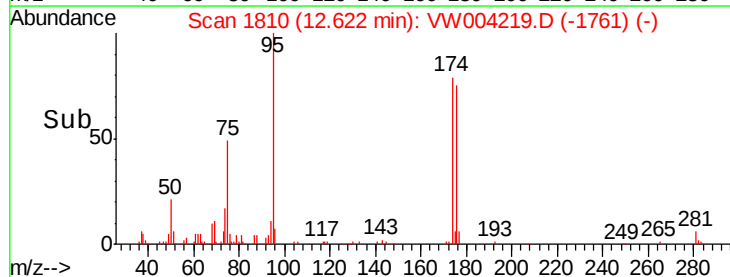
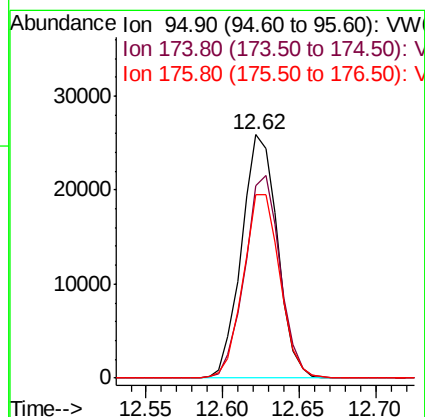
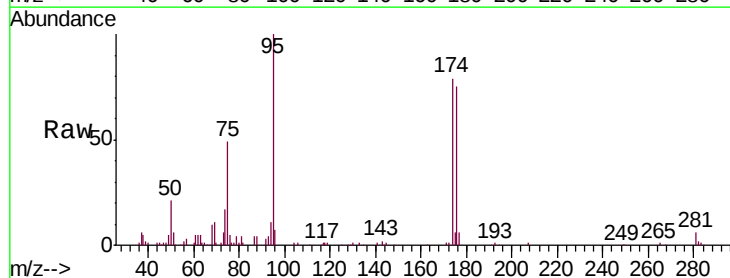
Tgt Ion: 95 Resp: 42258

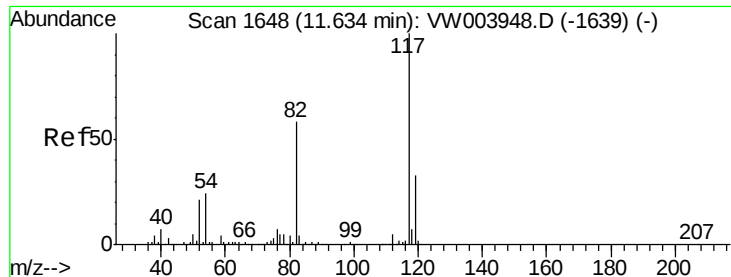
Ion Ratio Lower Upper

95 100

174 81.7 0.0 160.2

176 76.9 0.0 155.8

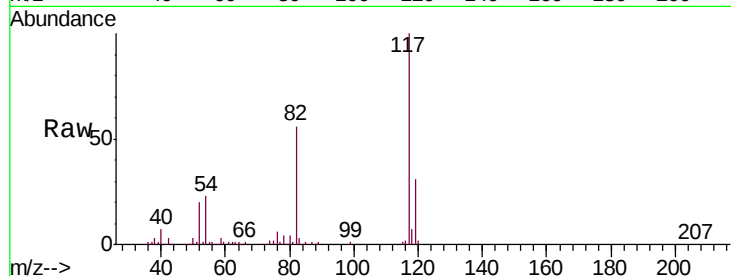




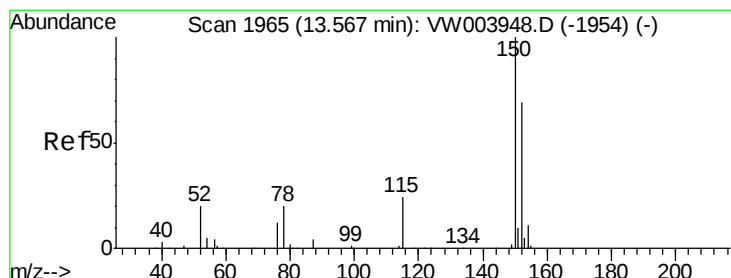
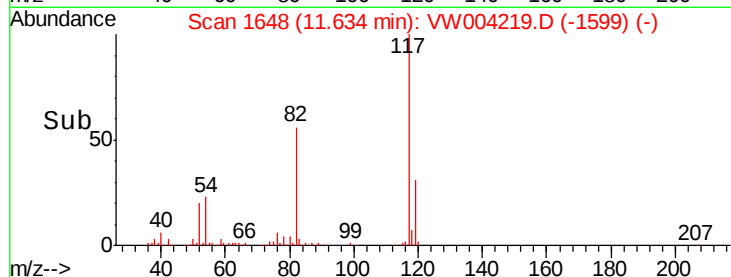
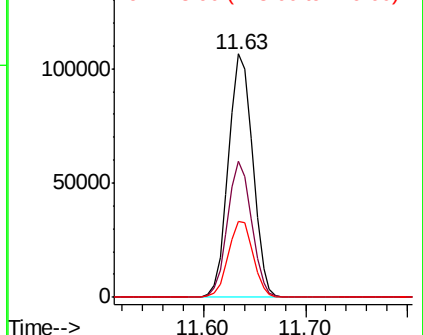
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004219.D
Acq: 26 Jul 2018 03:15

Instrument :
MSVOA_W
ClientSampleId :
CON-SB-05-7-9

Tgt Ion:117 Resp: 175304
Ion Ratio Lower Upper
117 100
82 56.1 46.5 69.7
119 31.2 26.2 39.2

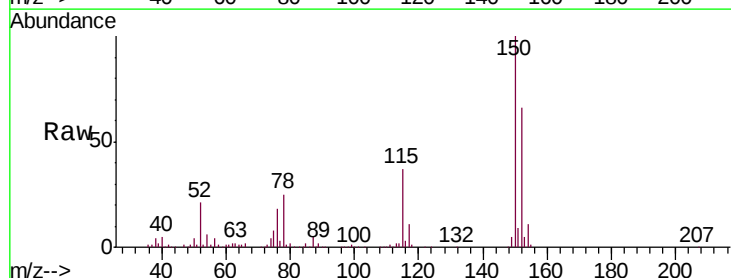


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

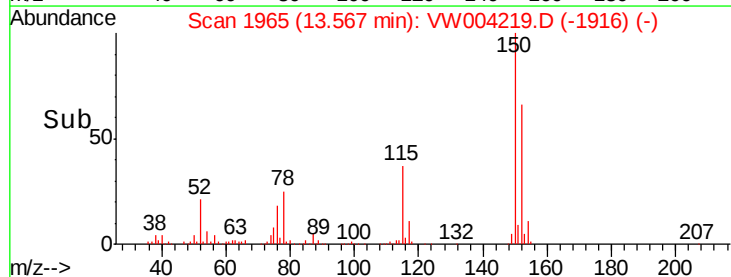
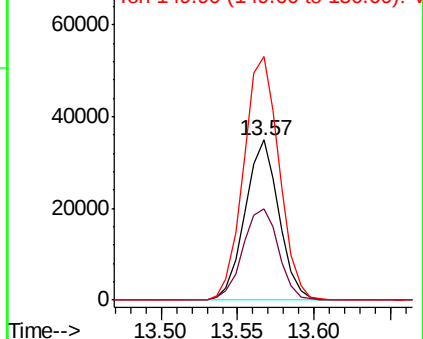


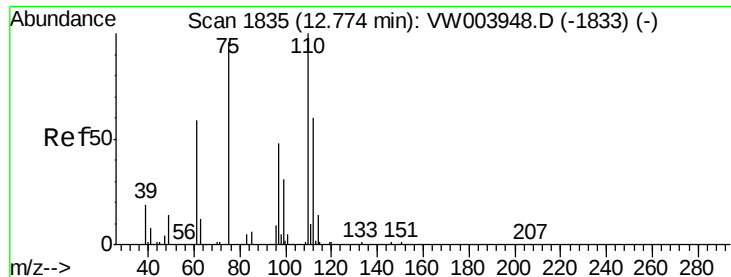
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004219.D
Acq: 26 Jul 2018 03:15

Tgt Ion:152 Resp: 53552
Ion Ratio Lower Upper
152 100
115 60.1 29.2 87.6
150 159.9 0.0 345.2



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: 40.401 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004219.D

Acq: 26 Jul 2018 03:15

Instrument :

MSVOA_W

ClientSampled :

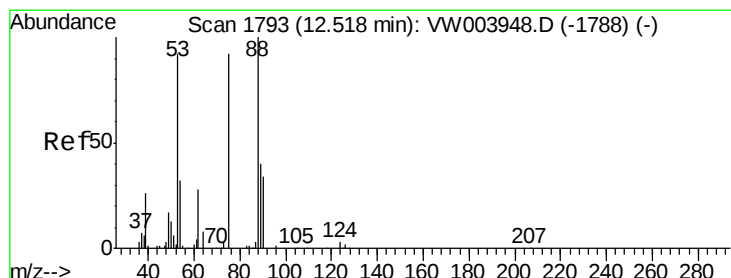
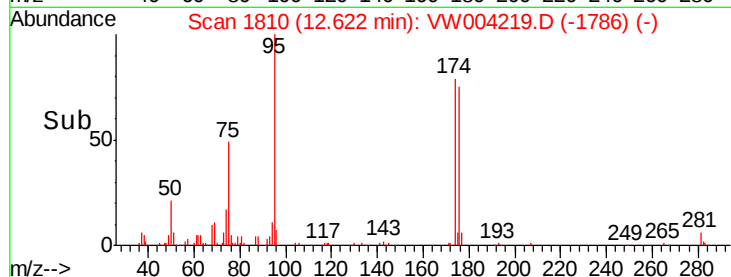
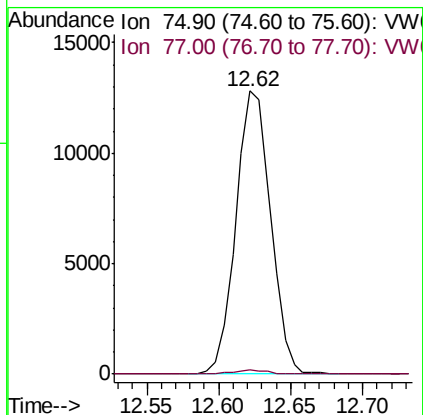
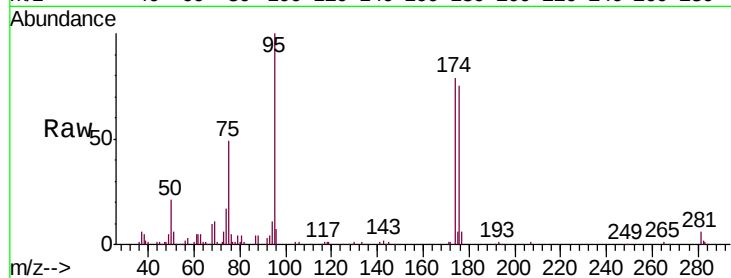
CON-SB-05-7-9

Tgt Ion: 75 Resp: 21479

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 89.365 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004219.D

Acq: 26 Jul 2018 03:15

Tgt Ion: 75 Resp: 21479

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.0 36.6 54.8#

