

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072618\
 Data File : VW004215.D
 Acq On : 26 Jul 2018 01:31
 Operator : SY/AP
 Sample : J4095-01
 Misc : 12.67G/5ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CON-SB-06-0-2

Quant Time: Jul 26 05:14:11 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	184034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	311578	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	203360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	99138	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	87245	42.41	ug/l	0.00
Spiked Amount			Recovery	=	84.82%	
35) Dibromofluoromethane	7.88	113	75953	37.99	ug/l	0.00
Spiked Amount			Recovery	=	75.98%	
50) Toluene-d8	10.33	98	118264	15.25	ug/l	0.00
Spiked Amount			Recovery	=	30.50%	
62) 4-Bromofluorobenzene	12.62	95	65518	23.42	ug/l	0.00
Spiked Amount			Recovery	=	46.84%	

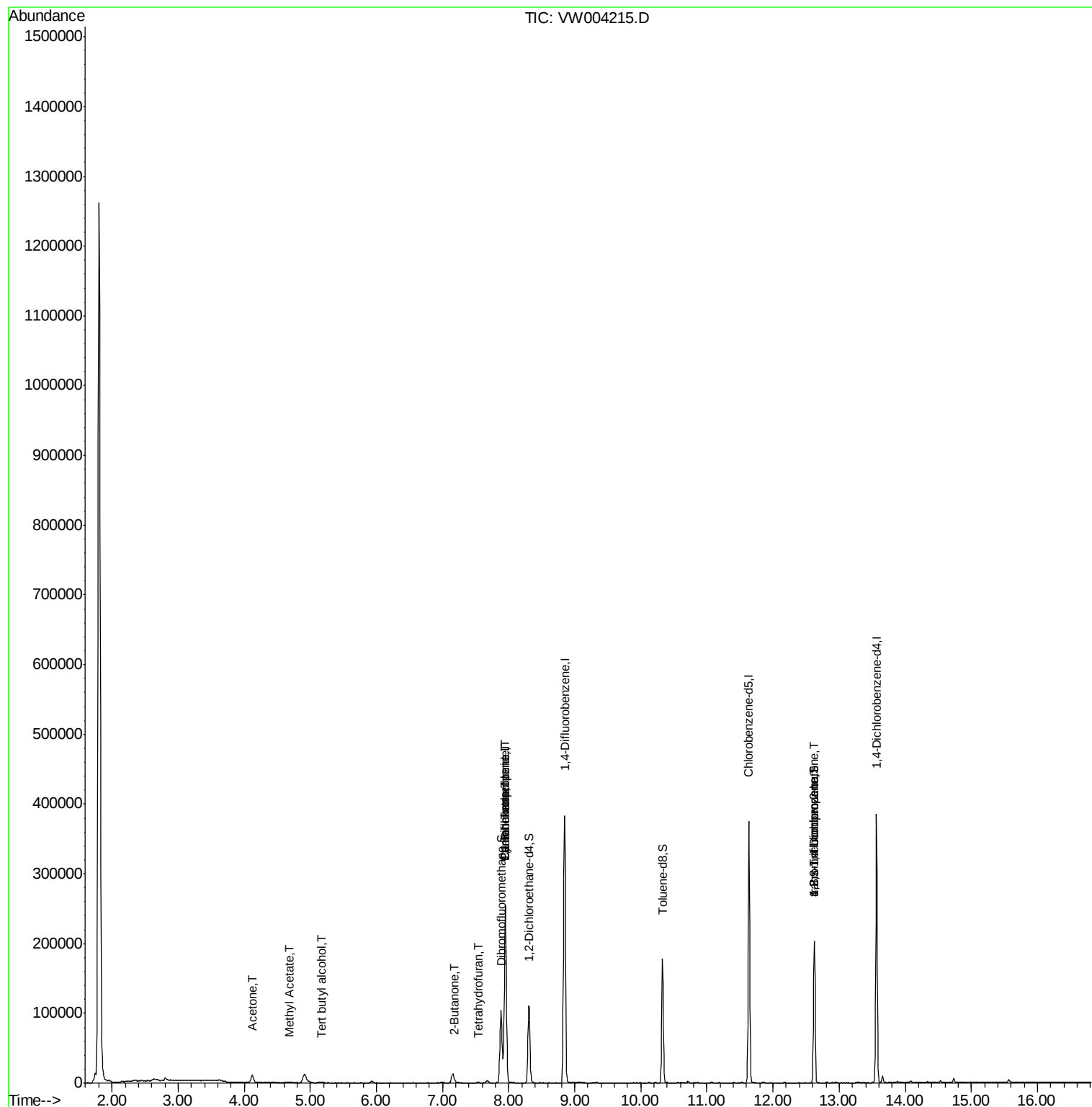
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	375	2.641	ug/l #	72
16) Acetone	4.12	43	19351	39.146	ug/l	95
18) Methyl Acetate	4.68	43	2270	1.913	ug/l	92
20) Methylene Chloride	4.91	84	11171	Below Cal		98
25) 2-Butanone	7.19	43	1429	2.148	ug/l #	71
29) Tetrahydrofuran	7.54	42	495	1.195	ug/l #	56
31) Cyclohexane	7.95	56	4355	1.276	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	15394	4.802	ug/l #	50
38) Carbon Tetrachloride	7.95	117	18389	6.139	ug/l #	19
76) 1,2,3-Trichloropropane	12.62	75	34045	34.591	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	34045	76.515	ug/l #	11

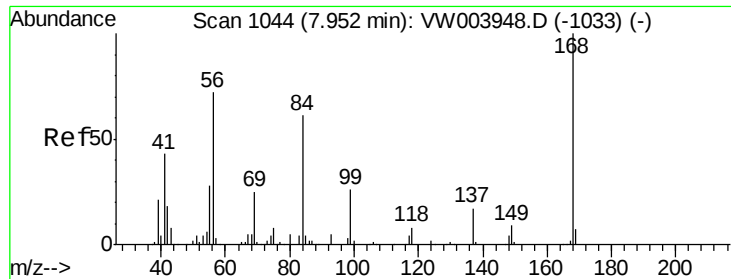
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VW004215.D

Acq: 26 Jul 2018 01:31

Instrument :

MSVOA_W

ClientSampleId :

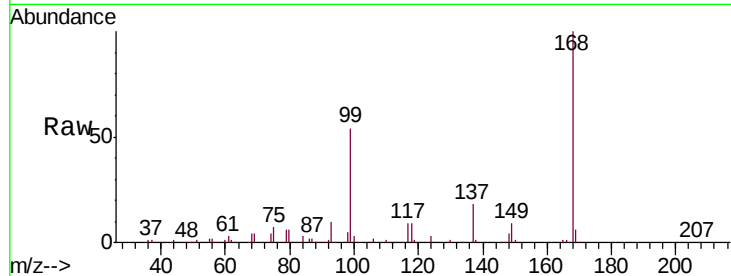
CON-SB-06-0-2

Tgt Ion:168 Resp: 184034

Ion Ratio Lower Upper

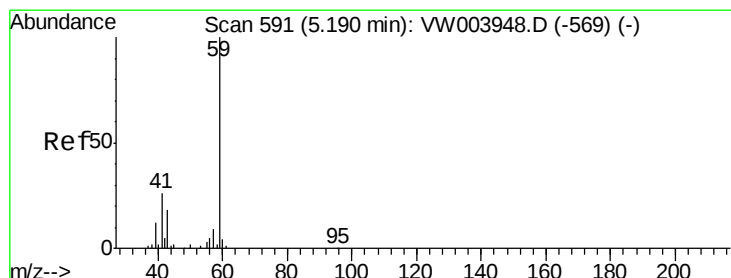
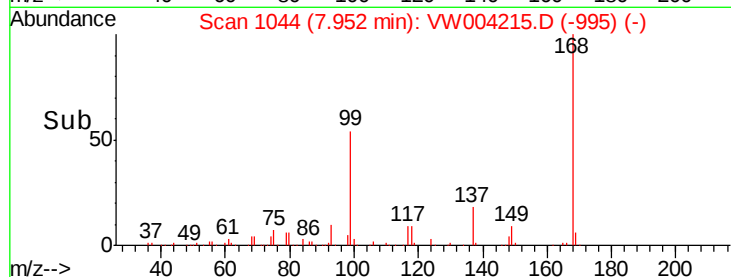
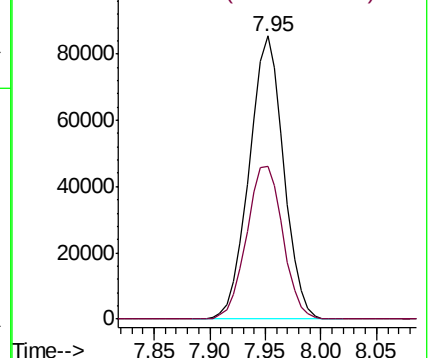
168 100

99 54.2 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.641 ug/l

RT: 5.18 min Scan# 589

Delta R.T. -0.01 min

Lab File: VW004215.D

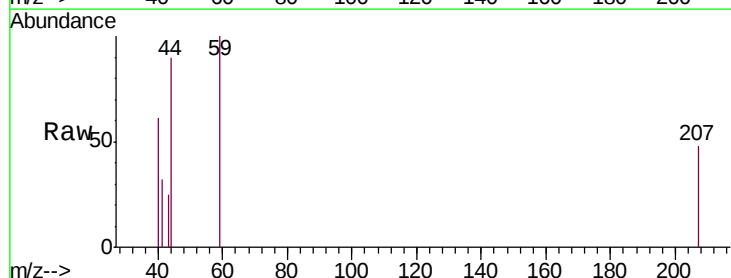
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Tgt Ion: 59 Resp: 375

Ion Ratio Lower Upper

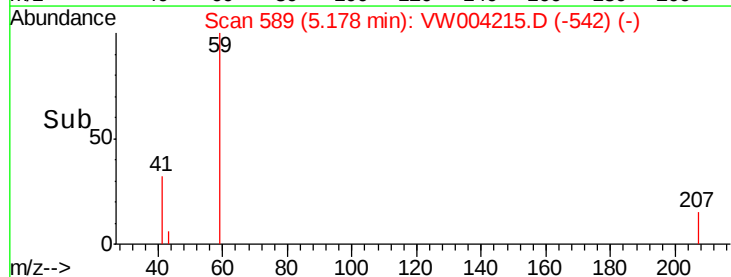
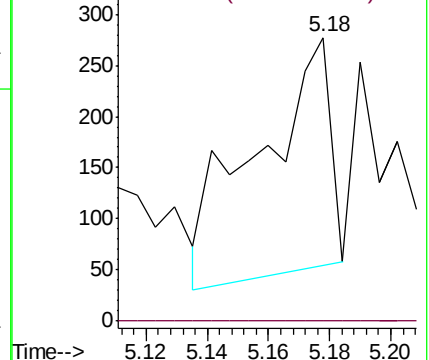
59 100

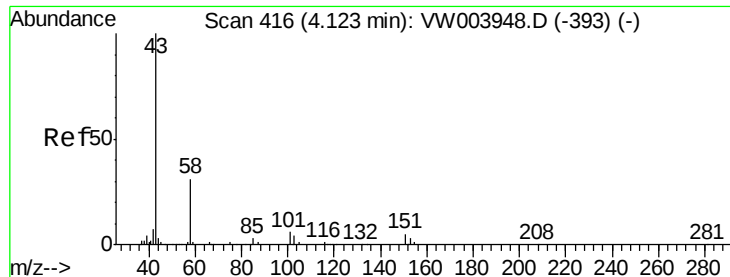
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 39.146 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.00 min

Lab File: VW004215.D

Acq: 26 Jul 2018 01:31

Instrument :

MSVOA_W

ClientSampleId :

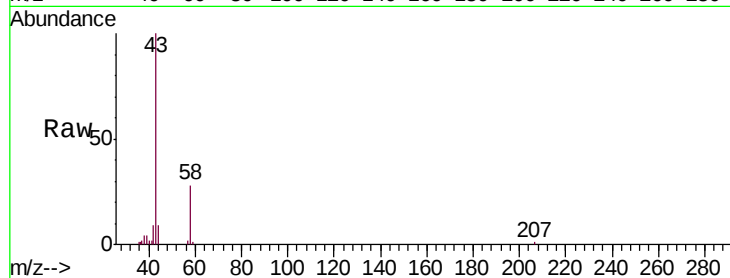
CON-SB-06-0-2

Tgt Ion: 43 Resp: 19351

Ion Ratio Lower Upper

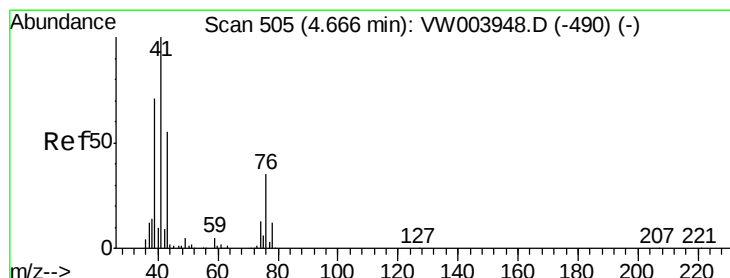
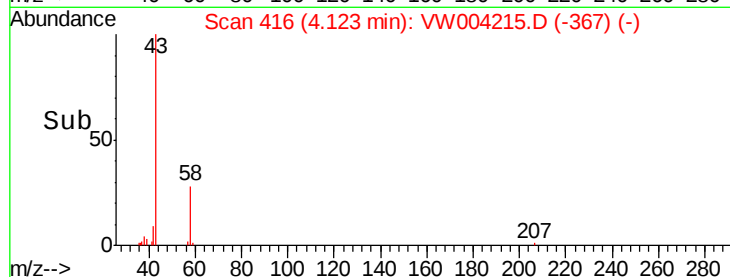
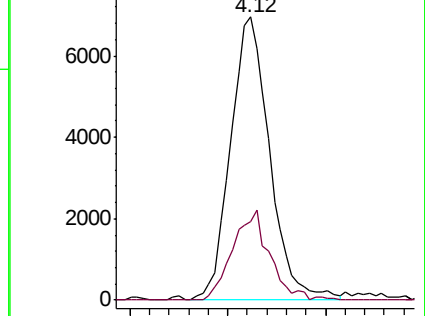
43 100

58 27.7 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: 1.913 ug/l

RT: 4.68 min Scan# 507

Delta R.T. 0.01 min

Lab File: VW004215.D

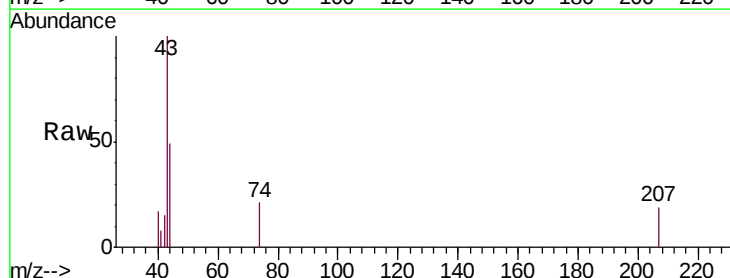
Acq: 26 Jul 2018 01:31

Tgt Ion: 43 Resp: 2270

Ion Ratio Lower Upper

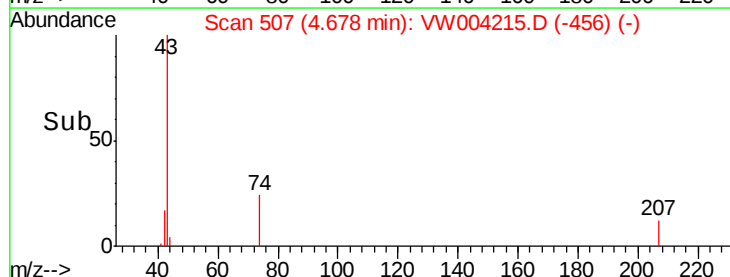
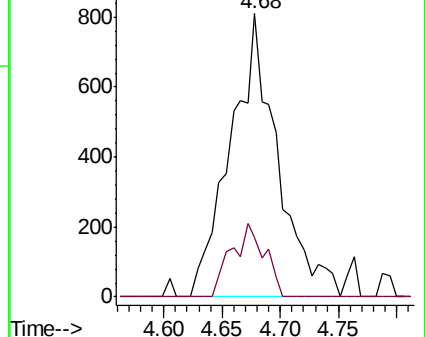
43 100

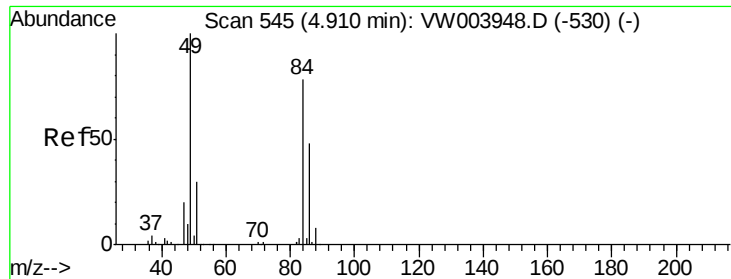
74 18.2 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

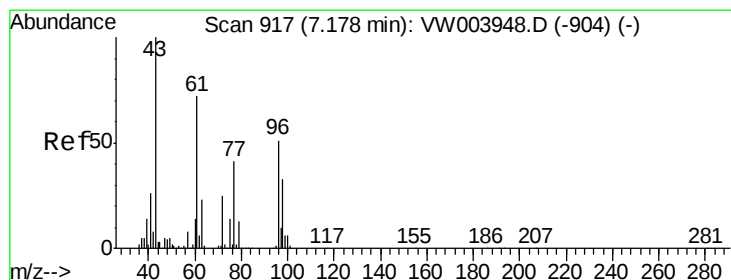
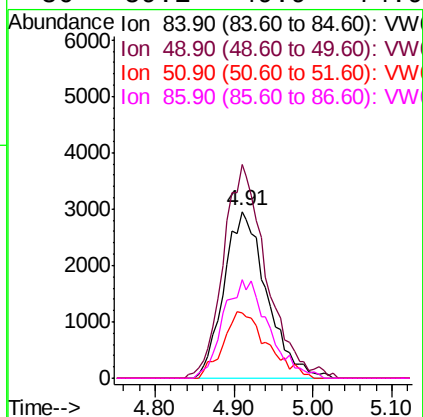
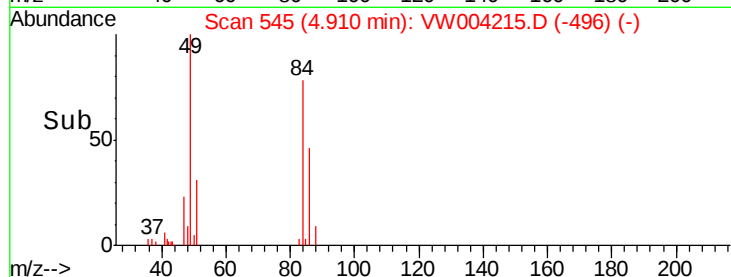
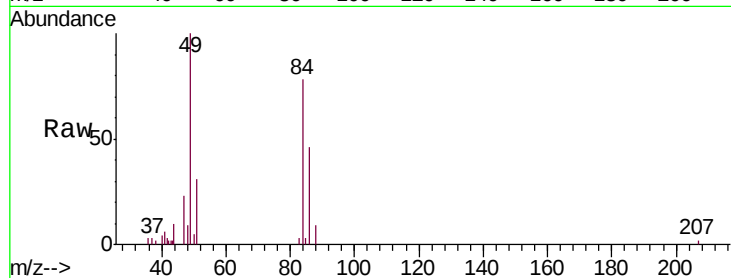




#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004215.D
Acq: 26 Jul 2018 01:31

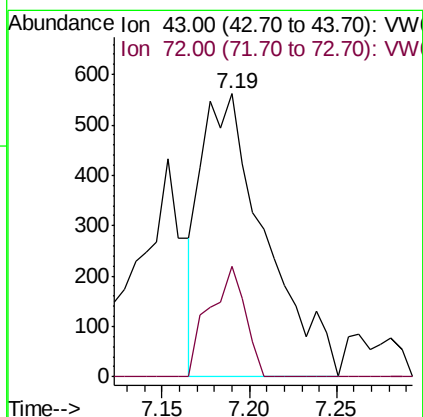
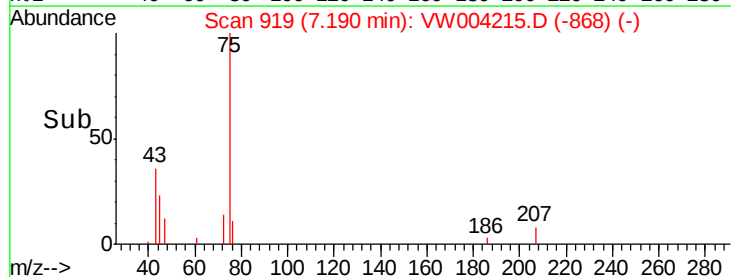
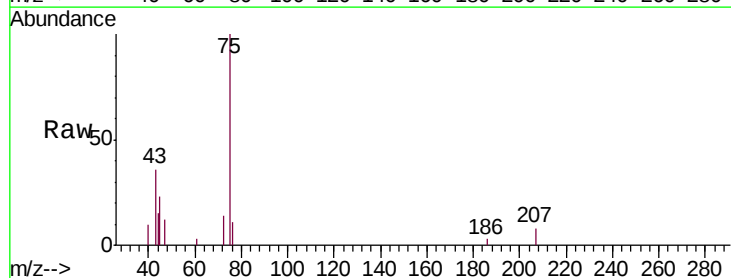
Instrument :
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CON-SB-06-0-2

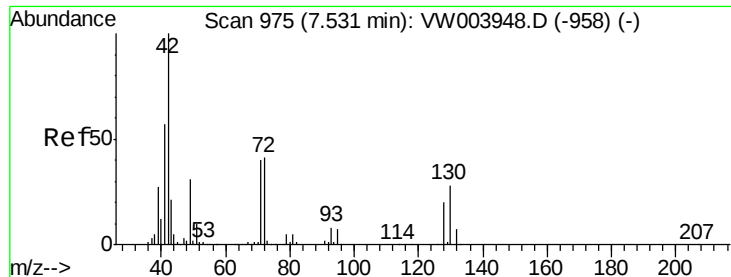
Tgt Ion: 84 Resp: 11171
Ion Ratio Lower Upper
84 100
49 127.9 102.9 154.3
51 39.3 30.9 46.3
86 59.1 49.9 74.9



#25
2-Butanone
Concen: 2.148 ug/l
RT: 7.19 min Scan# 919
Delta R.T. 0.01 min
Lab File: VW004215.D
Acq: 26 Jul 2018 01:31

Tgt Ion: 43 Resp: 1429
Ion Ratio Lower Upper
43 100
72 39.0 19.8 29.6#

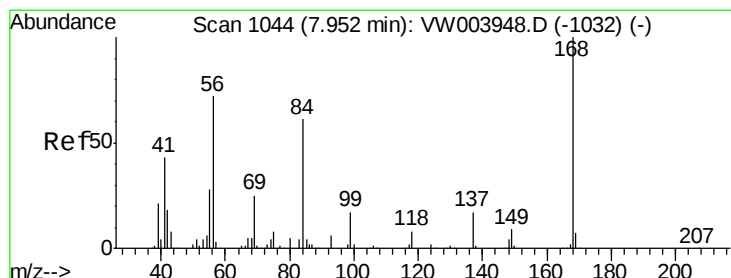
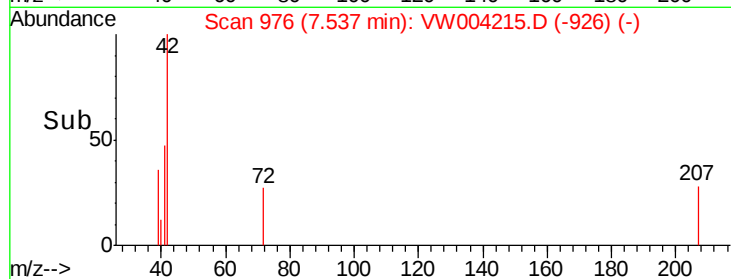
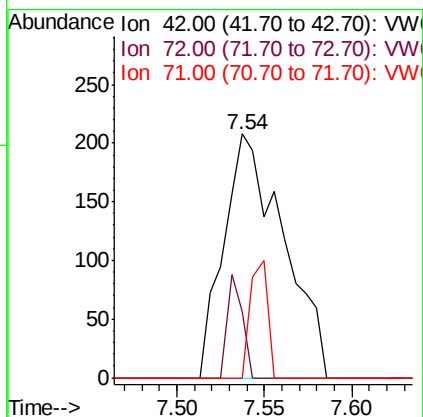
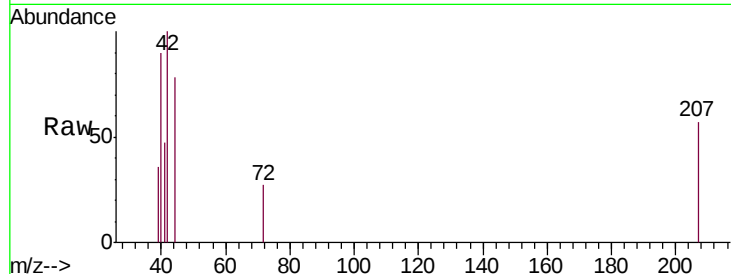




#29
Tetrahydrofuran
Concen: 1.195 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW004215.D
Acq: 26 Jul 2018 01:31

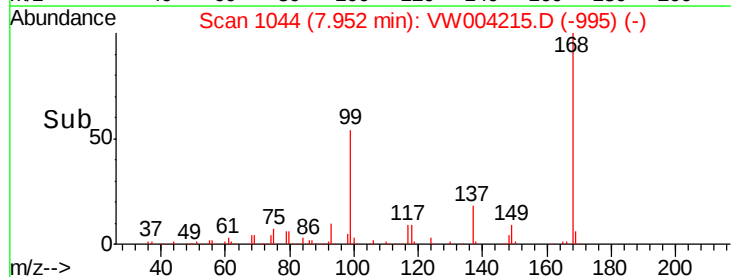
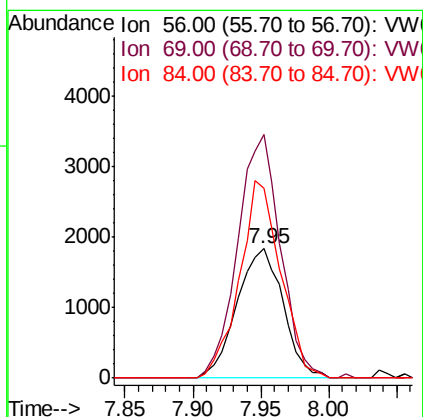
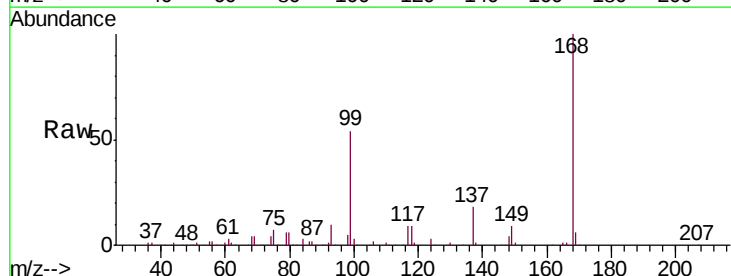
Instrument :
MSVOA_W
ClientSampleId :
CON-SB-06-0-2

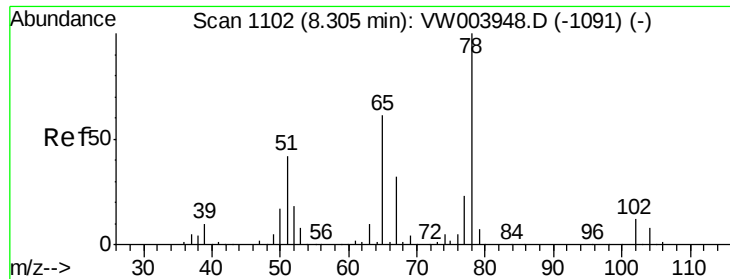
Tgt Ion: 42 Resp: 495
Ion Ratio Lower Upper
42 100
72 10.7 32.6 48.8#
71 13.7 30.5 45.7#



#31
Cyclohexane
Concen: 1.276 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW004215.D
Acq: 26 Jul 2018 01:31

Tgt Ion: 56 Resp: 4355
Ion Ratio Lower Upper
56 100
69 188.5 27.8 41.8#
84 146.9 67.2 100.8#

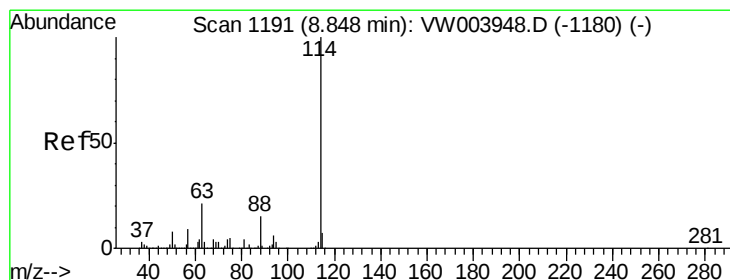
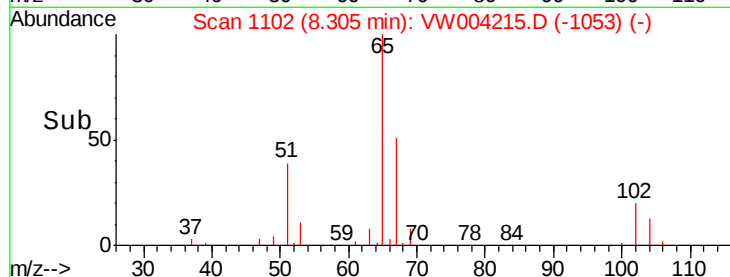
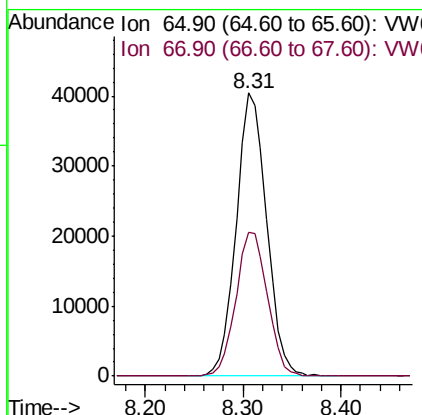
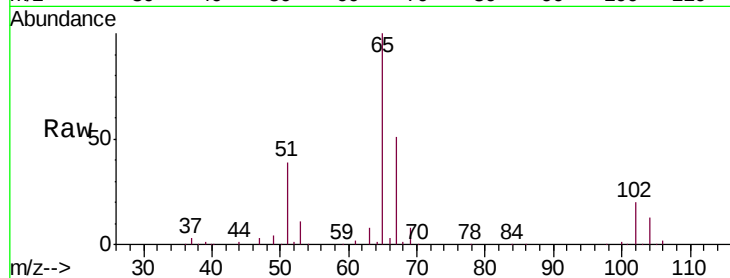




#33
 1,2-Dichloroethane-d4
 Concen: 42.411 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW004215.D
 Acq: 26 Jul 2018 01:31

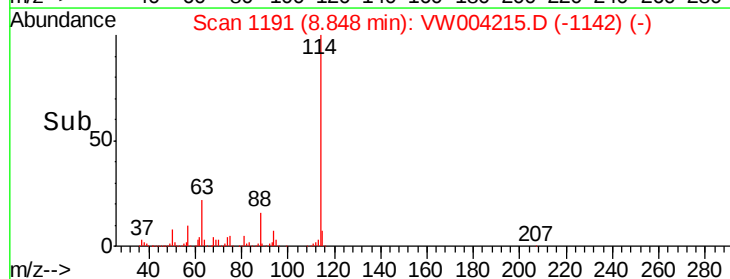
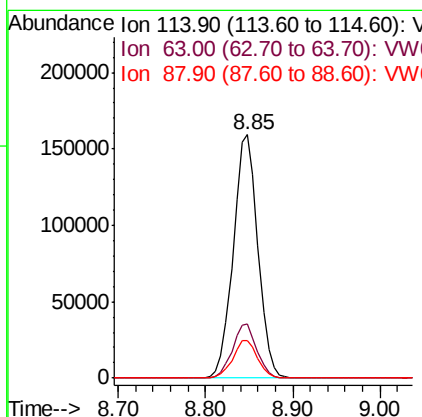
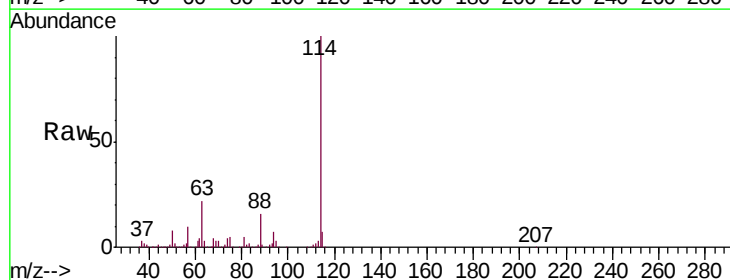
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 CON-SB-06-0-2

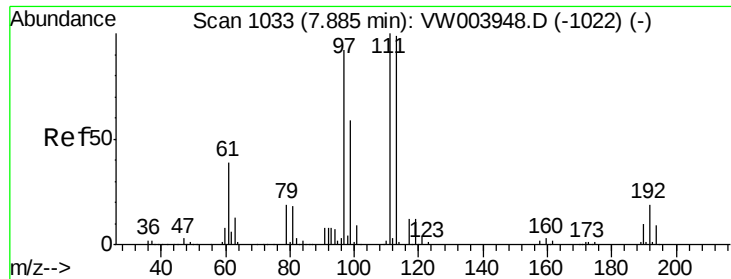
Tgt Ion: 65 Resp: 87245
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004215.D
 Acq: 26 Jul 2018 01:31

Tgt Ion: 114 Resp: 311578
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 42.8
 88 15.7 0.0 30.4

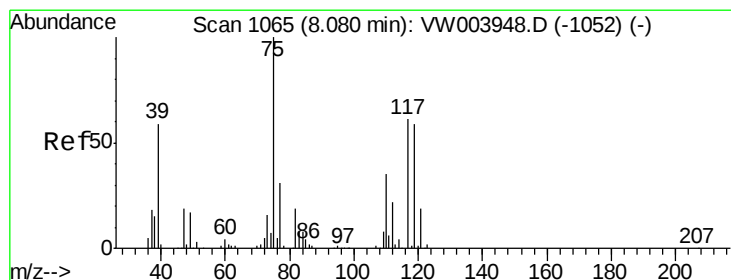
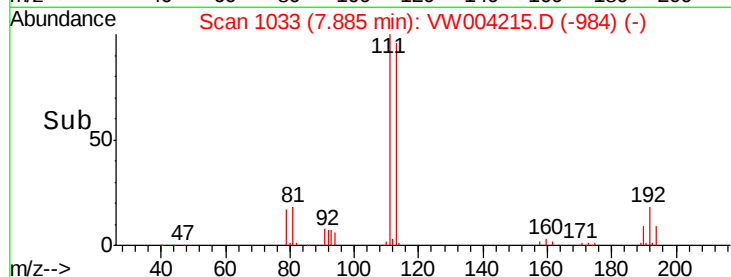
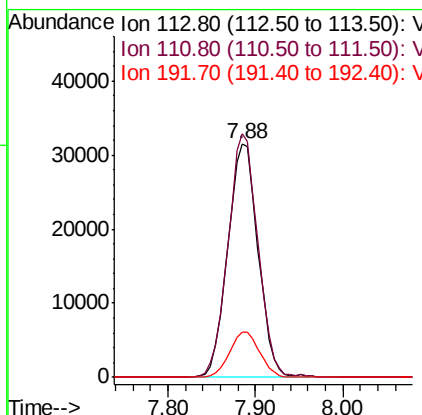
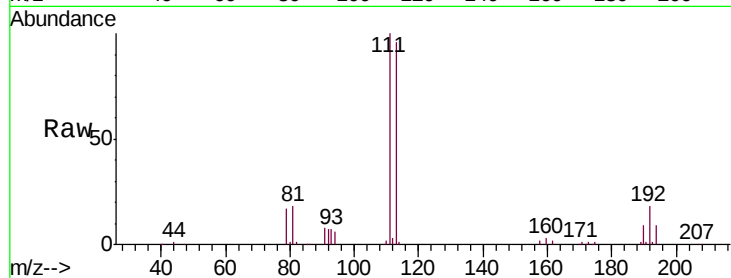




#35
 Dibromofluoromethane
 Concen: 37.992 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004215.D
 Acq: 26 Jul 2018 01:31

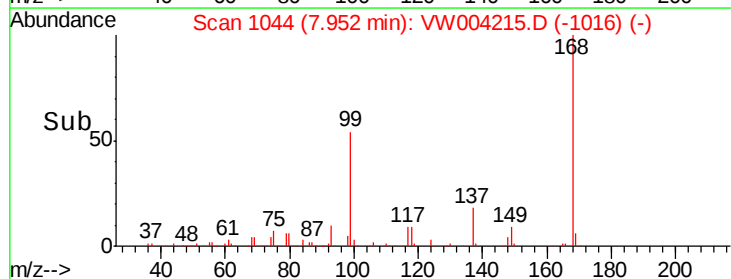
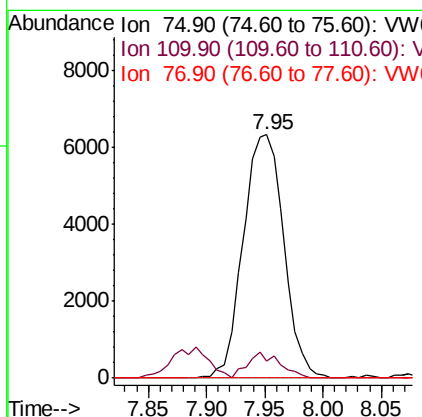
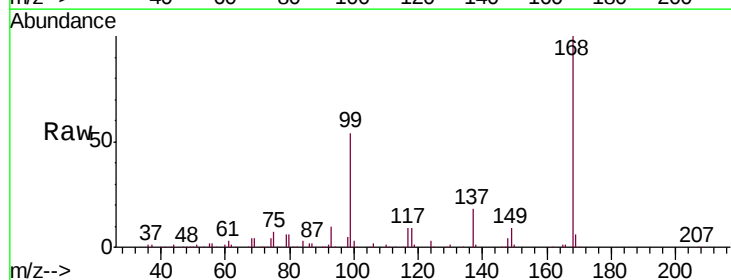
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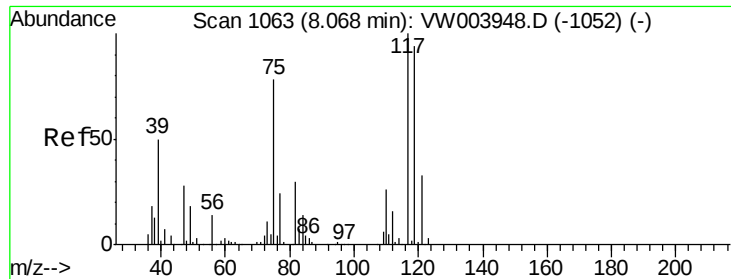
Tgt Ion:113 Resp: 75953
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.3 121.9
 192 19.5 15.8 23.6



#36
 1,1-Dichloropropene
 Concen: 4.802 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004215.D
 Acq: 26 Jul 2018 01:31

Tgt Ion: 75 Resp: 15394
 Ion Ratio Lower Upper
 75 100
 110 8.4 17.0 51.0#
 77 0.0 24.9 37.3#

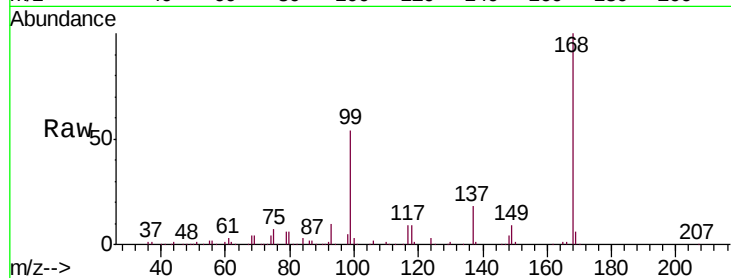




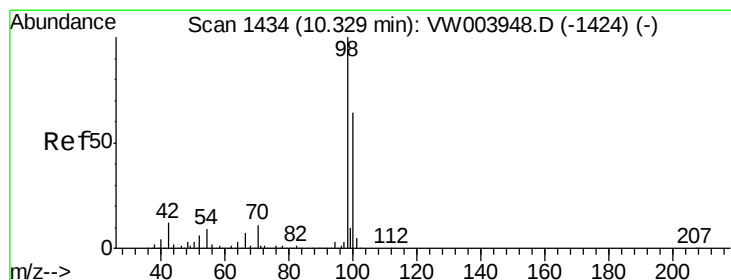
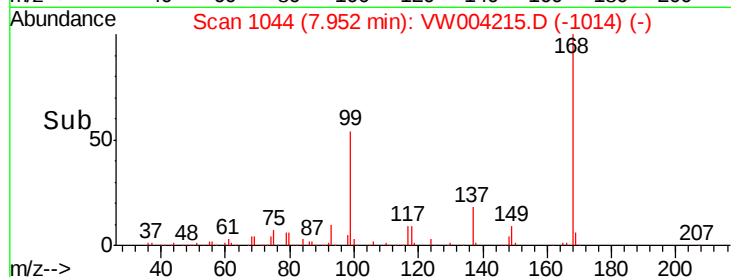
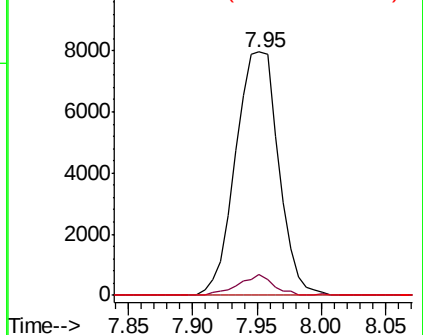
#38
Carbon Tetrachloride
Concen: 6.139 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW004215.D
Acq: 26 Jul 2018 01:31

Instrument :
MSVOA_W
ClientSampleId :
CON-SB-06-0-2

Tgt Ion:117 Resp: 18389
Ion Ratio Lower Upper
117 100
119 8.7 75.3 112.9#
121 0.0 26.0 39.0#

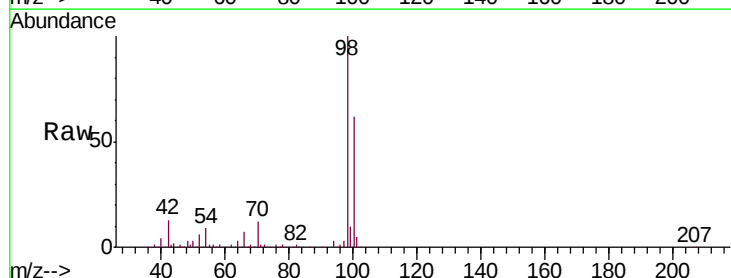


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

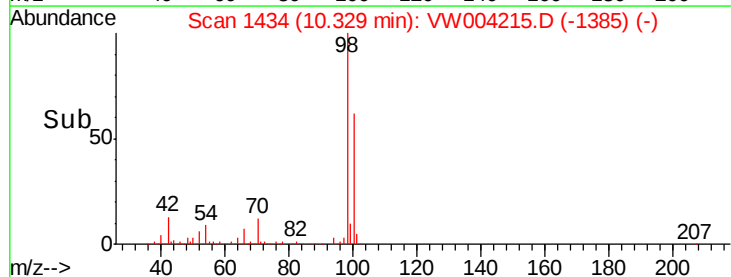
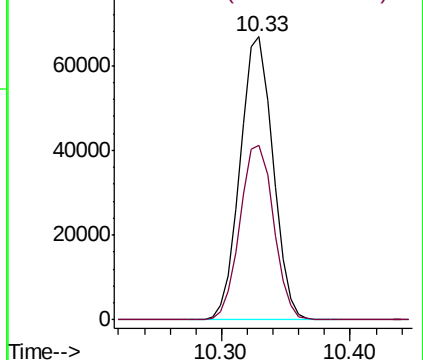


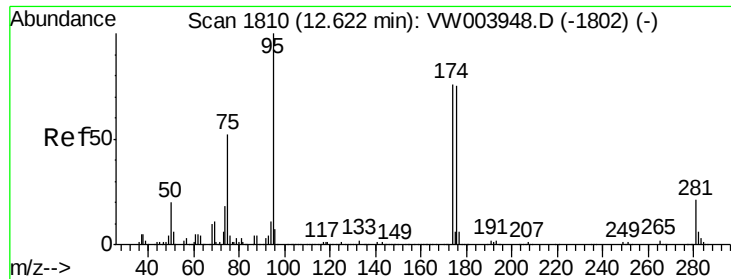
#50
Toluene-d8
Concen: 15.246 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004215.D
Acq: 26 Jul 2018 01:31

Tgt Ion: 98 Resp: 118264
Ion Ratio Lower Upper
98 100
100 63.1 51.2 76.8



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

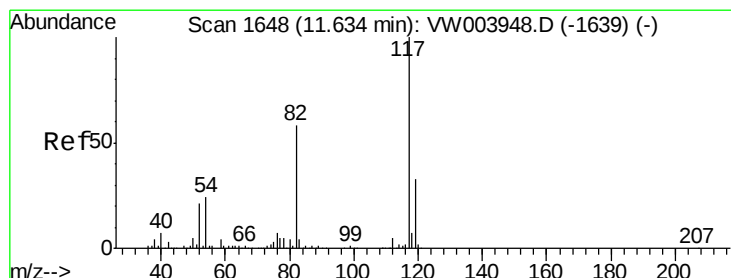
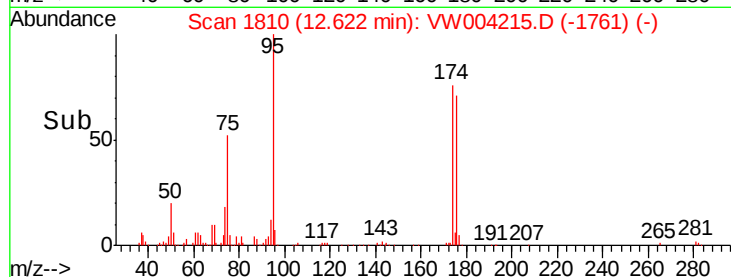
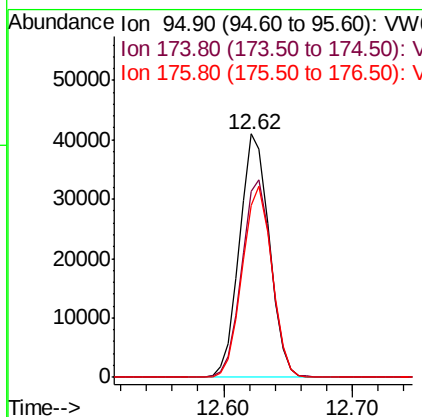
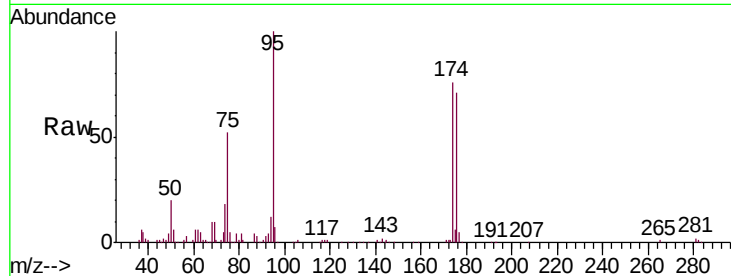




#62
4-Bromofluorobenzene
Concen: 23.422 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004215.D
Acq: 26 Jul 2018 01:31

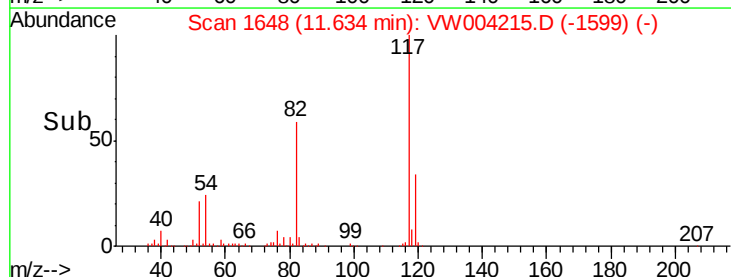
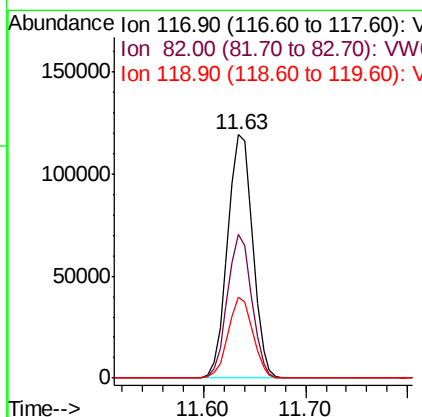
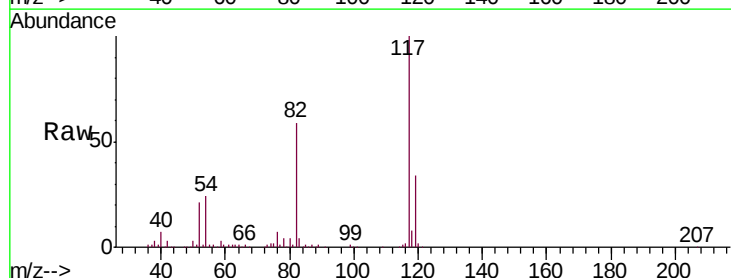
Instrument :
MSVOA_W
ClientSampleId :
CON-SB-06-0-2

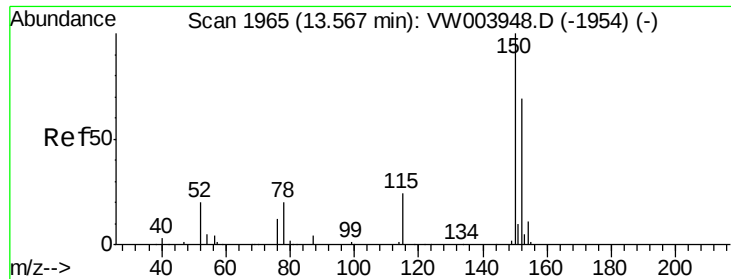
Tgt Ion: 95 Resp: 65518
Ion Ratio Lower Upper
95 100
174 81.0 0.0 160.2
176 78.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004215.D
Acq: 26 Jul 2018 01:31

Tgt Ion: 117 Resp: 203360
Ion Ratio Lower Upper
117 100
82 59.0 46.5 69.7
119 33.6 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: VW004215.D

Acq: 26 Jul 2018 01:31

Instrument :

MSVOA_W

ClientSampled :

CON-SB-06-0-2

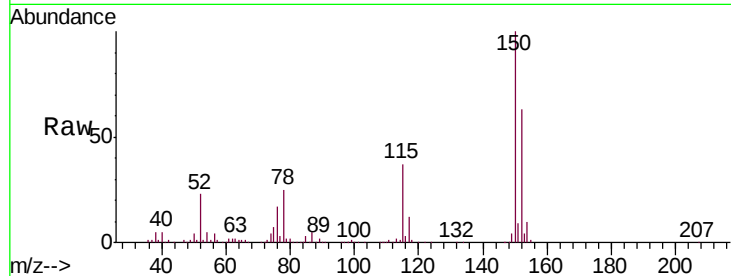
Tgt Ion:152 Resp: 99138

Ion Ratio Lower Upper

152 100

115 58.3 29.2 87.6

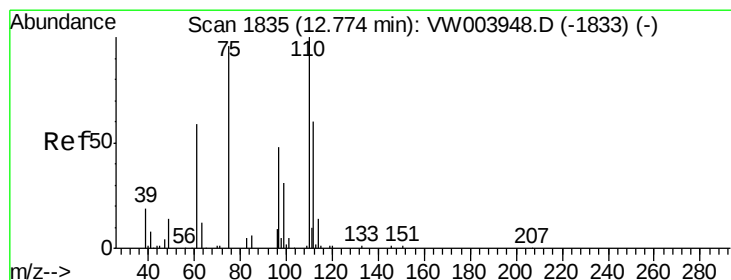
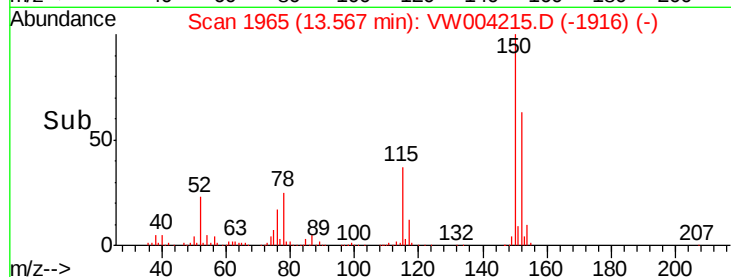
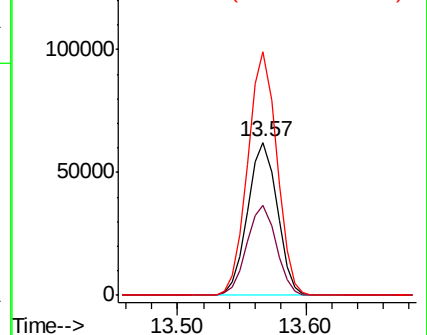
150 155.9 0.0 345.2



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: 34.591 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004215.D

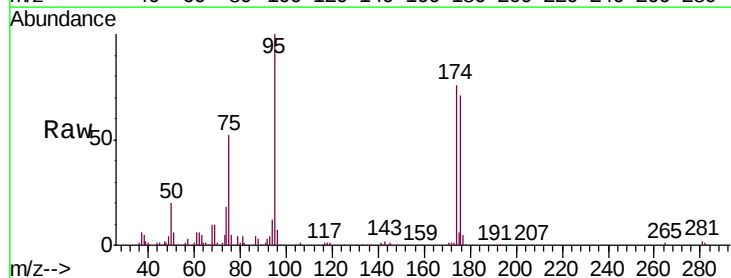
Acq: 26 Jul 2018 01:31

Tgt Ion: 75 Resp: 34045

Ion Ratio Lower Upper

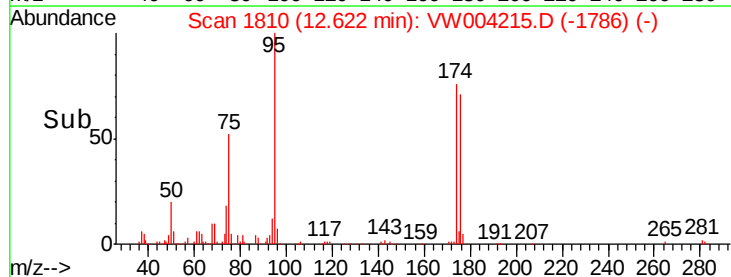
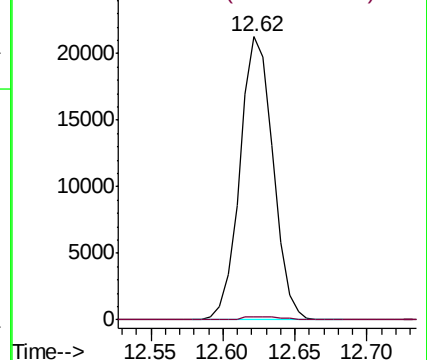
75 100

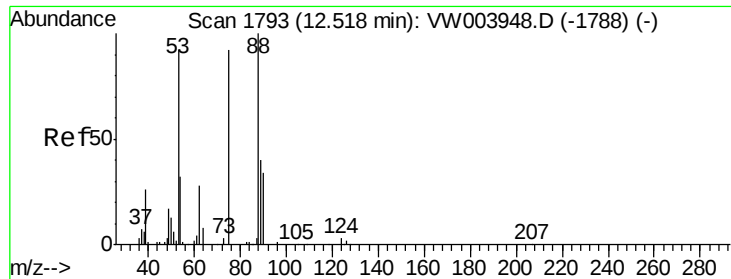
77 1.4 0.0 0.0#



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: 76.515 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004215.D

Acq: 26 Jul 2018 01:31

Instrument :

MSVOA_W

ClientSampleId :

CON-SB-06-0-2

Tgt Ion: 75 Resp: 34045

Ion Ratio Lower Upper

75 100

53 0.4 77.6 116.4#

89 0.1 36.6 54.8#

