

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072618\
 Data File : VW004218.D
 Acq On : 26 Jul 2018 02:49
 Operator : SY/AP
 Sample : J4095-05
 Misc : 11.37G/5ML/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CON-SB-06-7-9

Quant Time: Jul 26 05:14:36 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	158382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	268004	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	207697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	63102	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	78260	44.20	ug/l	0.00
Spiked Amount			Recovery	=	88.40%	
35) Dibromofluoromethane	7.88	113	70083	40.76	ug/l	0.00
Spiked Amount			Recovery	=	81.52%	
50) Toluene-d8	10.33	98	187129	28.05	ug/l	0.00
Spiked Amount			Recovery	=	56.10%	
62) 4-Bromofluorobenzene	12.62	95	46664	19.39	ug/l	0.00
Spiked Amount			Recovery	=	38.78%	

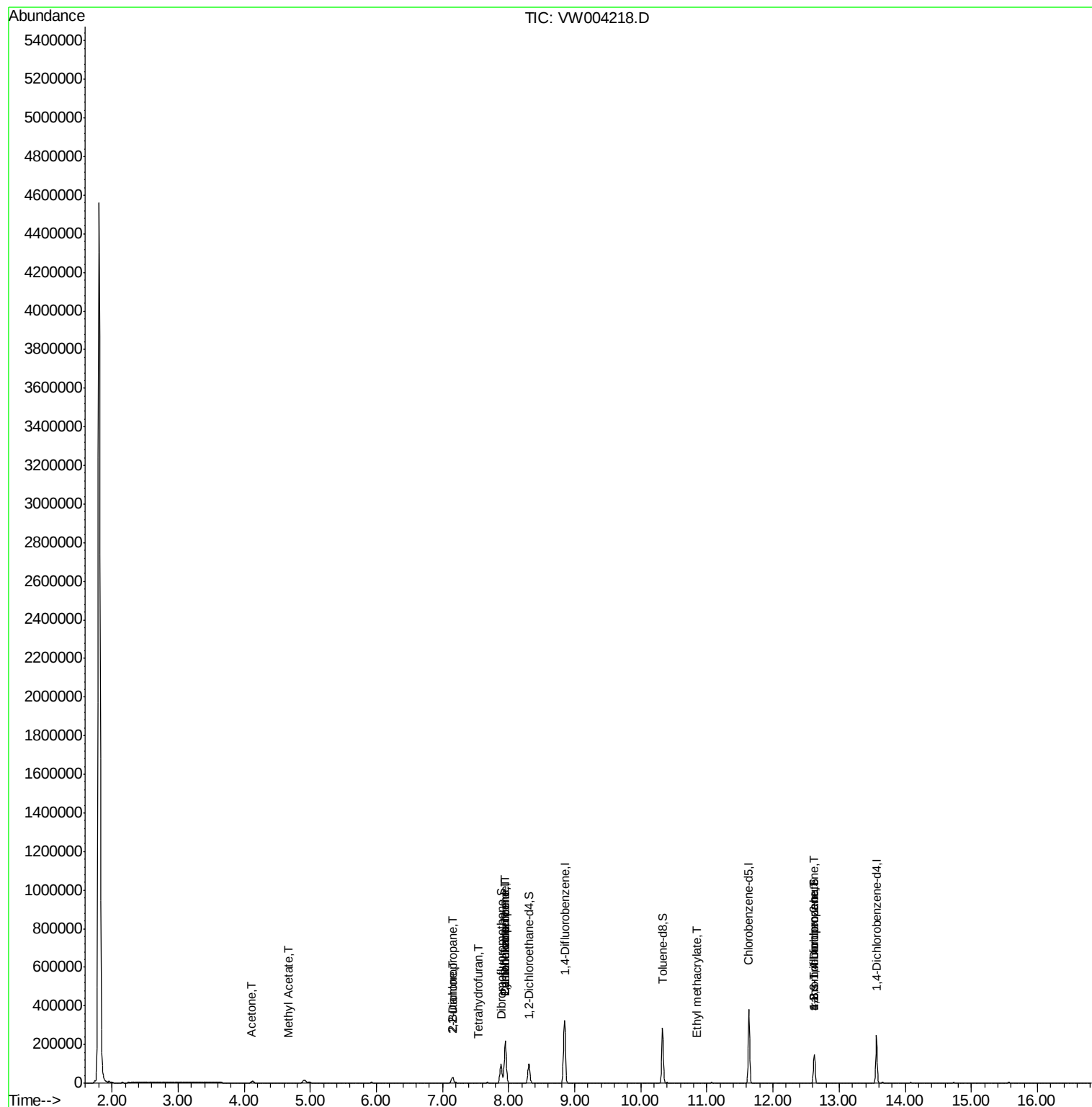
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	16589	38.994	ug/l	95
18) Methyl Acetate	4.67	43	2046	2.004	ug/l #	88
20) Methylene Chloride	4.91	84	12784	Below Cal		93
25) 2-Butanone	7.15	43	1723	3.010	ug/l	97
26) 2,2-Dichloropropane	7.14	77	1976	1.099	ug/l #	52
29) Tetrahydrofuran	7.54	42	422	1.183	ug/l #	55
31) Cyclohexane	7.95	56	4025	1.370	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	13601	4.933	ug/l #	49
38) Carbon Tetrachloride	7.95	117	16199	6.287	ug/l #	17
56) Ethyl methacrylate	10.85	69	69	2.978	ug/l #	34
76) 1,2,3-Trichloropropane	12.62	75	23763	37.932	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	23763	83.905	ug/l #	11

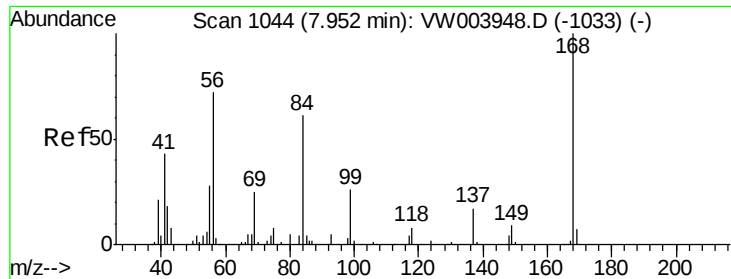
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004218.D

Acq: 26 Jul 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

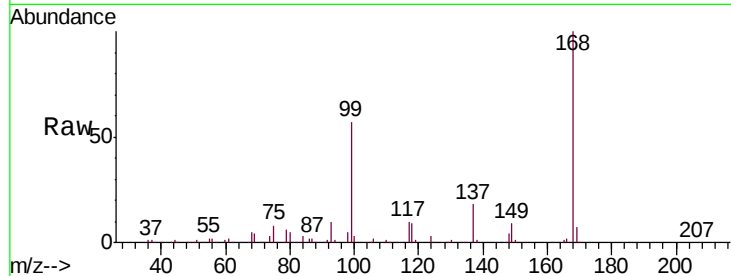
CON-SB-06-7-9

Tgt Ion:168 Resp: 158382

Ion Ratio Lower Upper

168 100

99 57.4 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

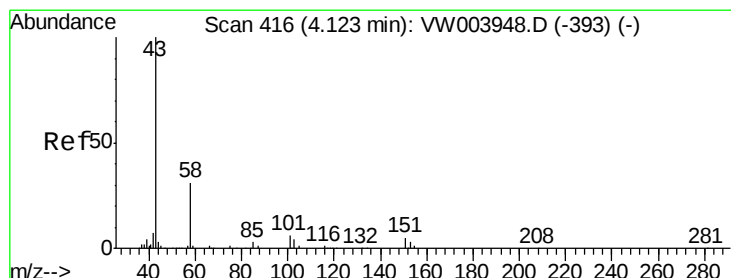
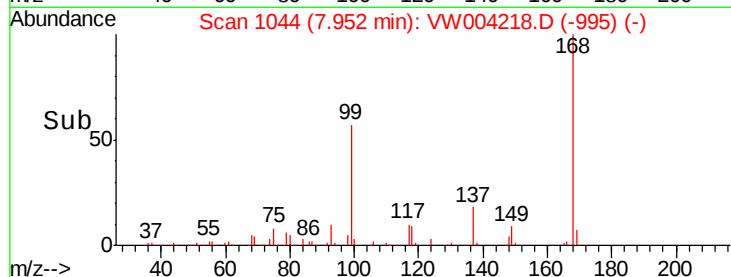
40000

20000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 38.994 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.01 min

Lab File: VW004218.D

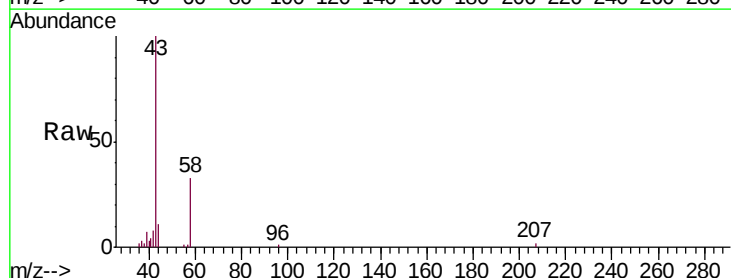
Acq: 26 Jul 2018 02:49

Tgt Ion: 43 Resp: 16589

Ion Ratio Lower Upper

43 100

58 33.1 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

6000

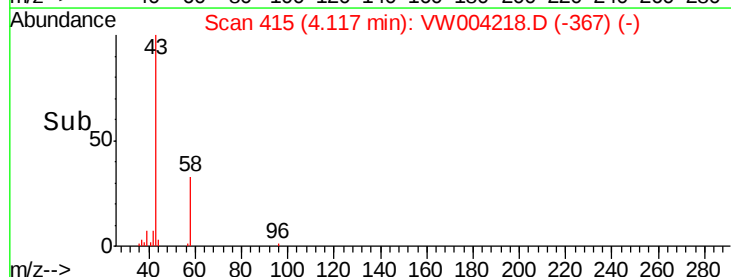
4000

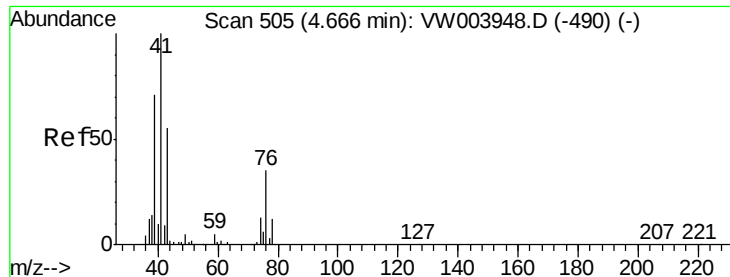
2000

0

4.00 4.10 4.20

Time-->

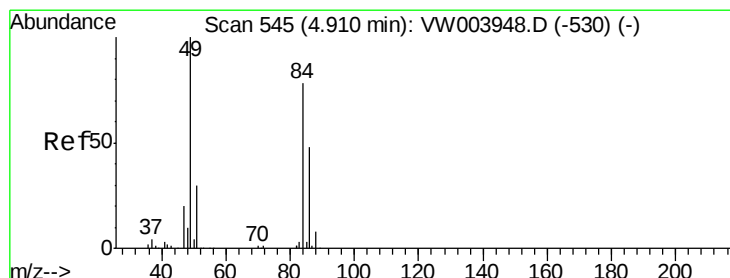
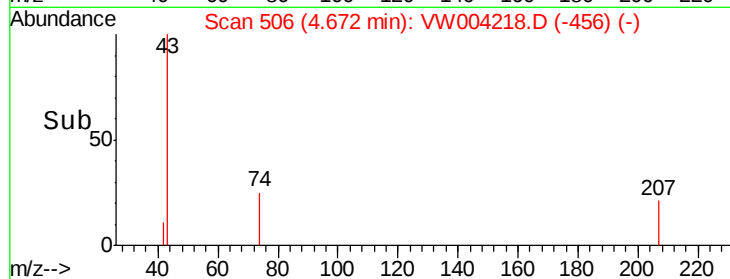
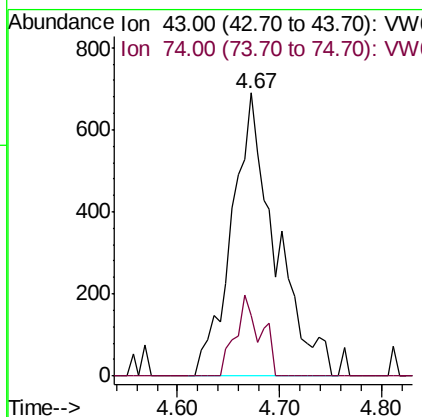
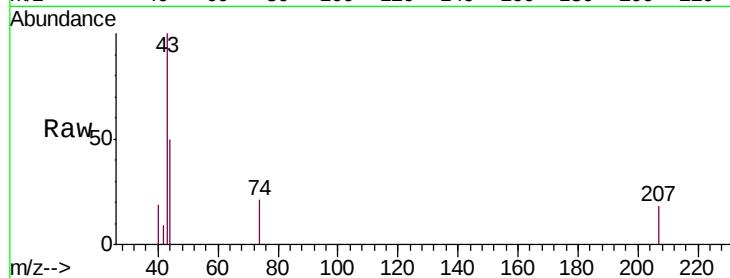




#18
Methyl Acetate
Concen: 2.004 ug/l
RT: 4.67 min Scan# 506
Delta R.T. 0.01 min
Lab File: VW004218.D
Acq: 26 Jul 2018 02:49

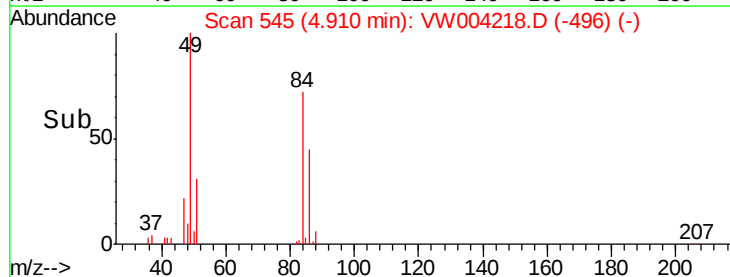
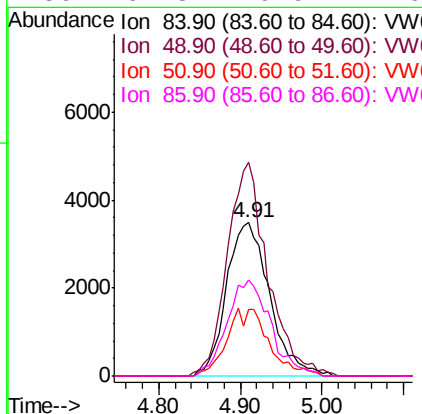
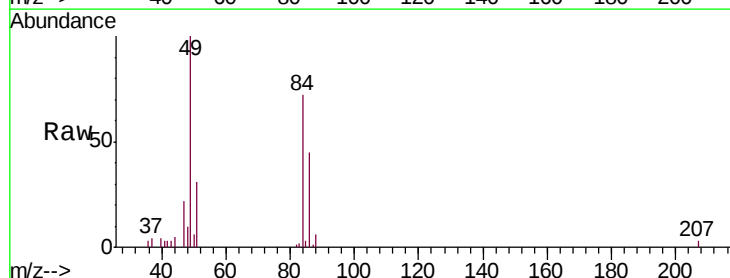
Instrument :
MSVOA_W
ClientSampleId :
CON-SB-06-7-9

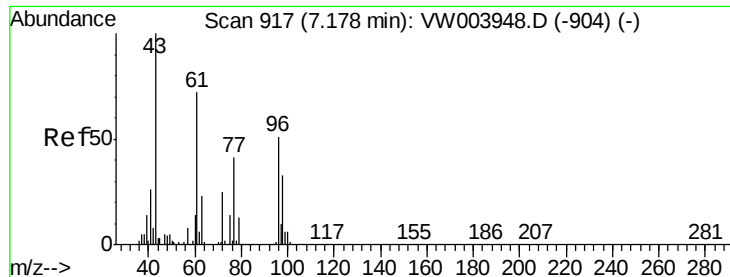
Tgt Ion: 43 Resp: 2046
Ion Ratio Lower Upper
43 100
74 16.5 17.7 26.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004218.D
Acq: 26 Jul 2018 02:49

Tgt Ion: 84 Resp: 12784
Ion Ratio Lower Upper
84 100
49 139.4 102.9 154.3
51 43.7 30.9 46.3
86 62.8 49.9 74.9

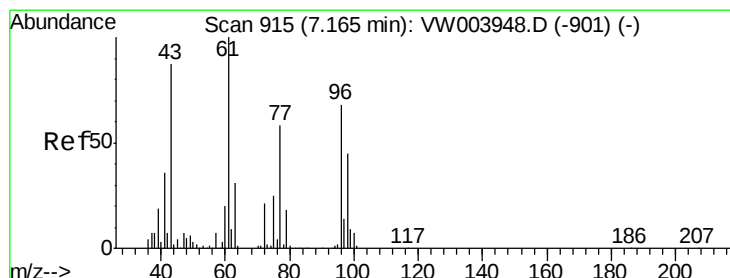
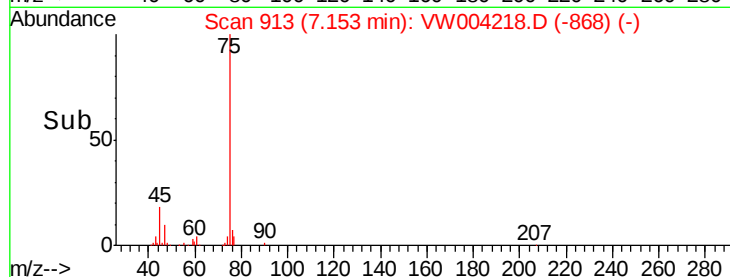
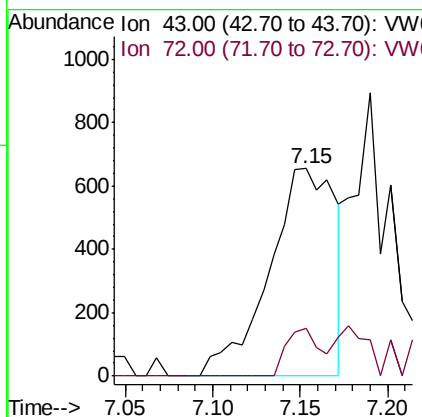
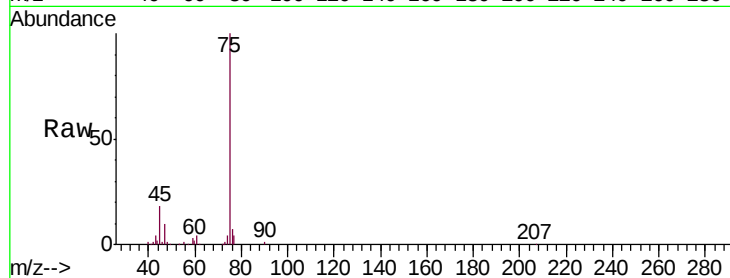




#25
 2-Butanone
 Concen: 3.010 ug/l
 RT: 7.15 min Scan# 913
 Delta R.T. -0.02 min
 Lab File: VW004218.D
 Acq: 26 Jul 2018 02:49

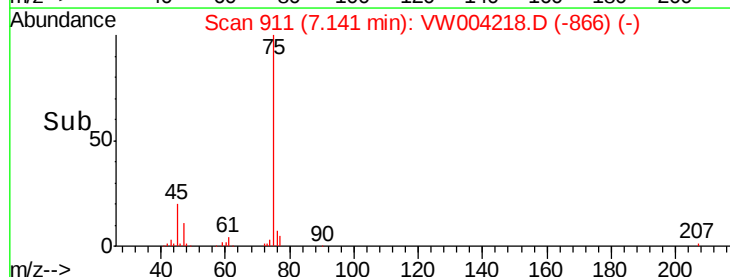
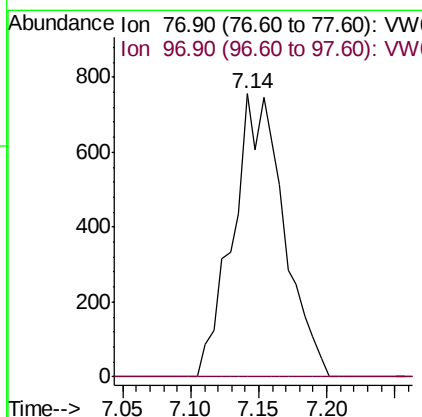
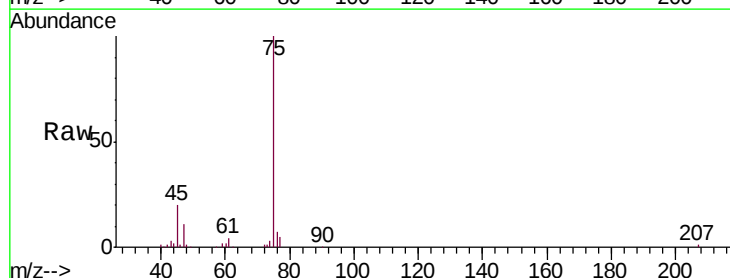
Instrument :
 MSVOA_W
 ClientSampleId :
 CON-SB-06-7-9

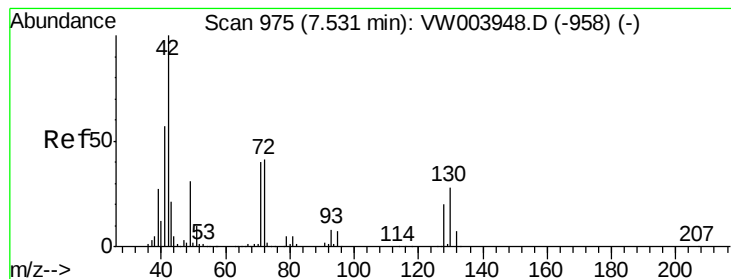
Tgt Ion: 43 Resp: 1723
 Ion Ratio Lower Upper
 43 100
 72 23.2 19.8 29.6



#26
 2,2-Dichloropropane
 Concen: 1.099 ug/l
 RT: 7.14 min Scan# 911
 Delta R.T. -0.02 min
 Lab File: VW004218.D
 Acq: 26 Jul 2018 02:49

Tgt Ion: 77 Resp: 1976
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.8 35.3#





#29

Tetrahydrofuran

Concen: 1.183 ug/l

RT: 7.54 min Scan# 976

Delta R.T. 0.01 min

Lab File: VW004218.D

Acq: 26 Jul 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

CON-SB-06-7-9

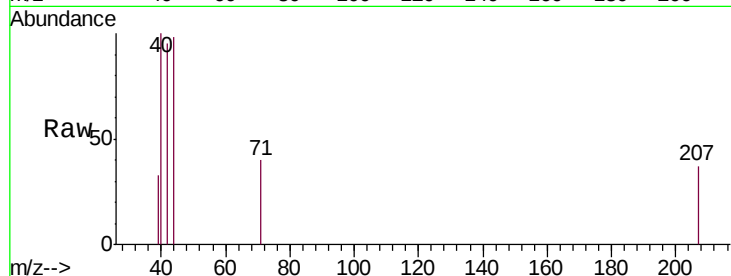
Tgt Ion: 42 Resp: 422

Ion Ratio Lower Upper

42 100

72 0.0 32.6 48.8#

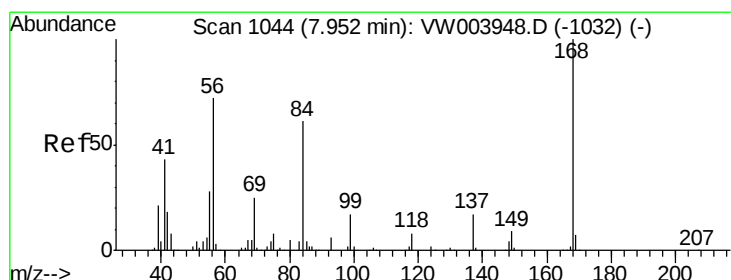
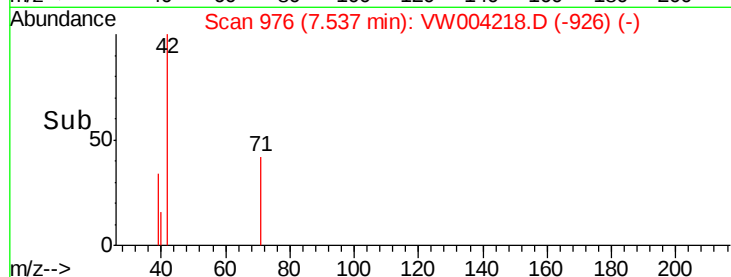
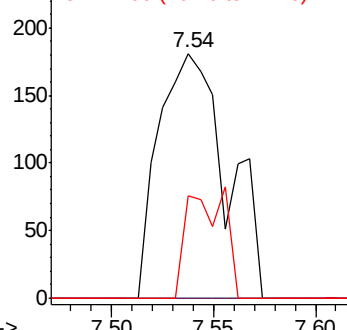
71 24.6 30.5 45.7#



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



#31

Cyclohexane

Concen: 1.370 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW004218.D

Acq: 26 Jul 2018 02:49

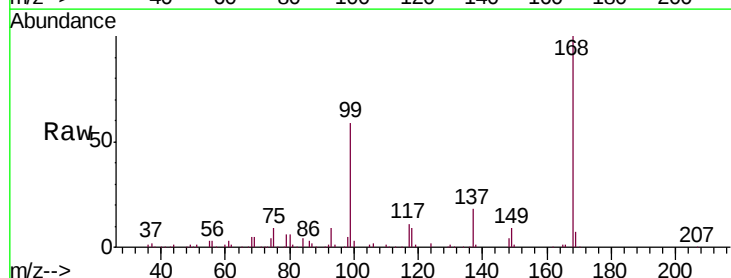
Tgt Ion: 56 Resp: 4025

Ion Ratio Lower Upper

56 100

69 179.1 27.8 41.8#

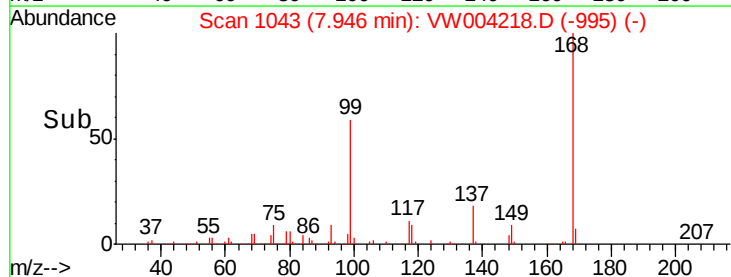
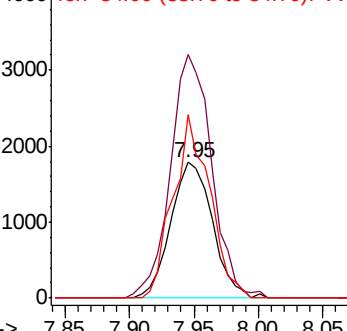
84 134.5 67.2 100.8#

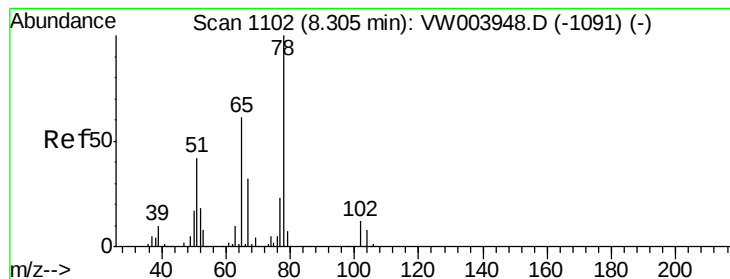


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW





#33

1,2-Dichloroethane-d4

Concen: 44.205 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VW004218.D

Acq: 26 Jul 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

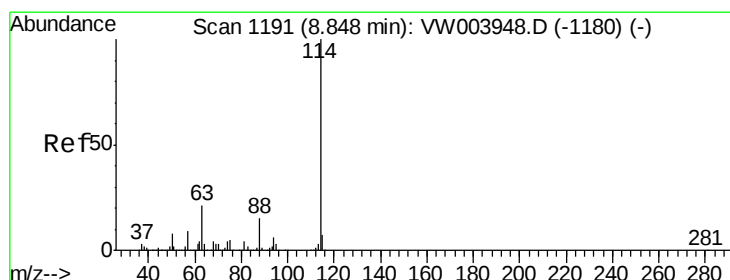
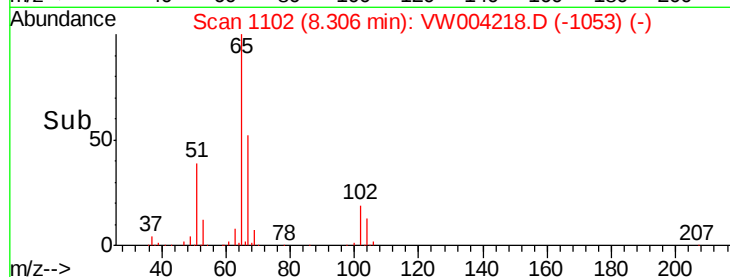
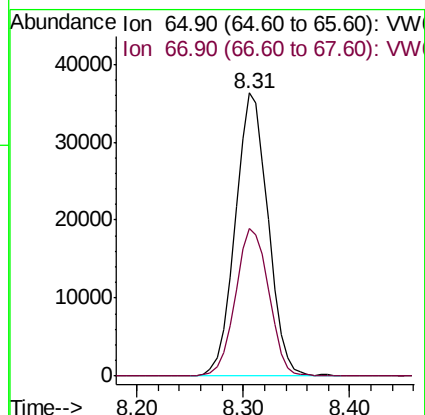
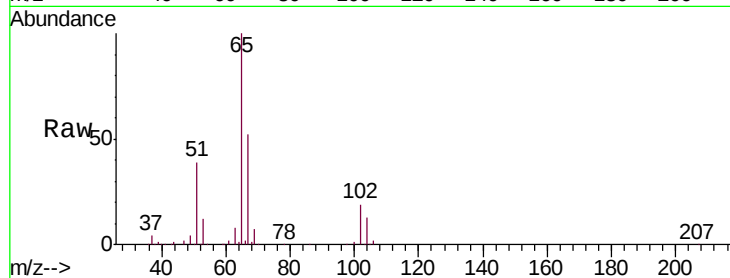
CON-SB-06-7-9

Tgt Ion: 65 Resp: 78260

Ion Ratio Lower Upper

65 100

67 53.2 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: VW004218.D

Acq: 26 Jul 2018 02:49

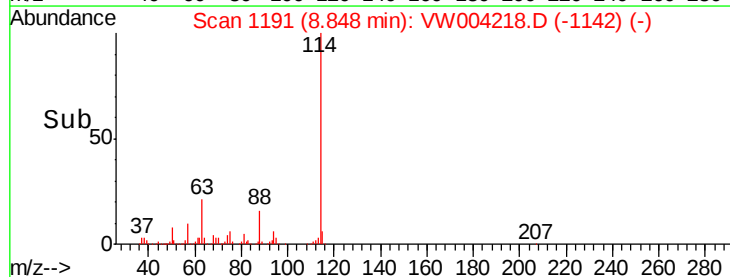
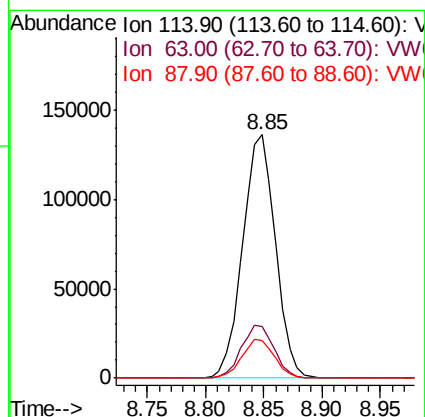
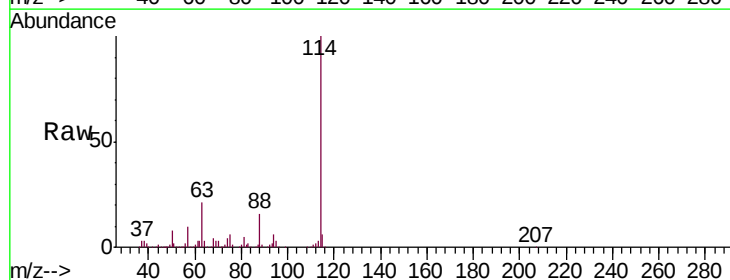
Tgt Ion: 114 Resp: 268004

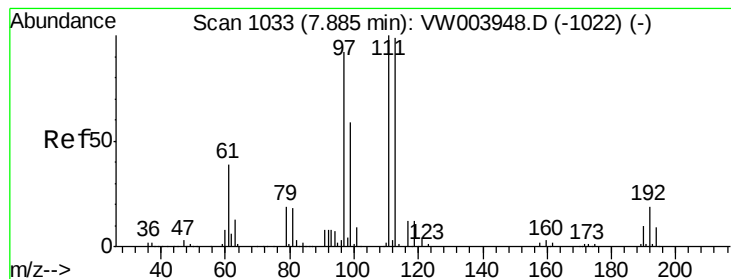
Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.8

88 15.6 0.0 30.4





#35

Dibromofluoromethane

Concen: 40.756 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW004218.D

Acq: 26 Jul 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

CON-SB-06-7-9

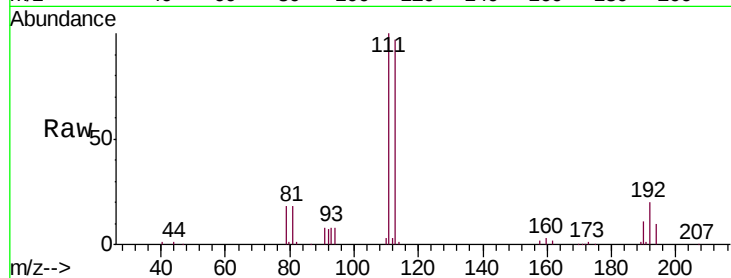
Tgt Ion:113 Resp: 70083

Ion Ratio Lower Upper

113 100

111 101.2 81.3 121.9

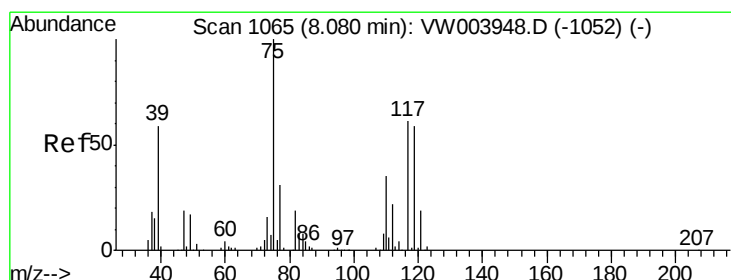
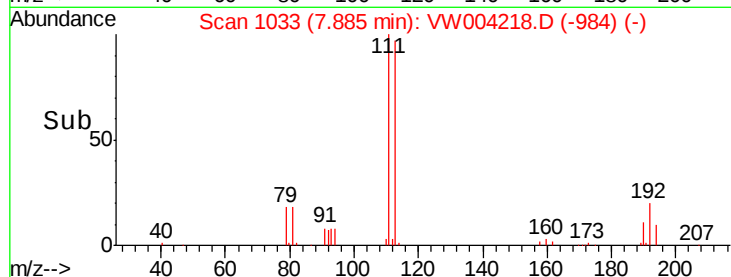
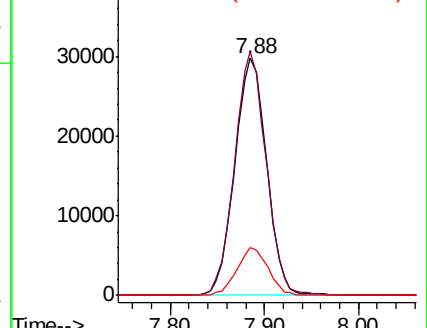
192 19.7 15.8 23.6



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: 4.933 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.13 min

Lab File: VW004218.D

Acq: 26 Jul 2018 02:49

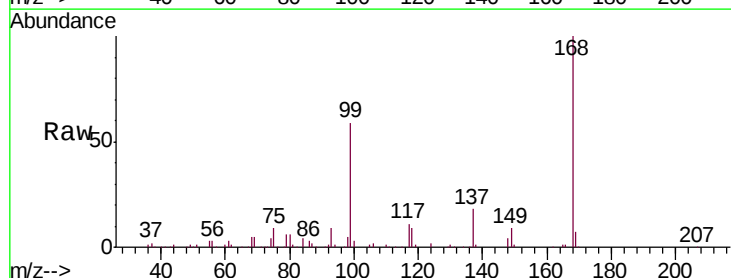
Tgt Ion: 75 Resp: 13601

Ion Ratio Lower Upper

75 100

110 8.1 17.0 51.0#

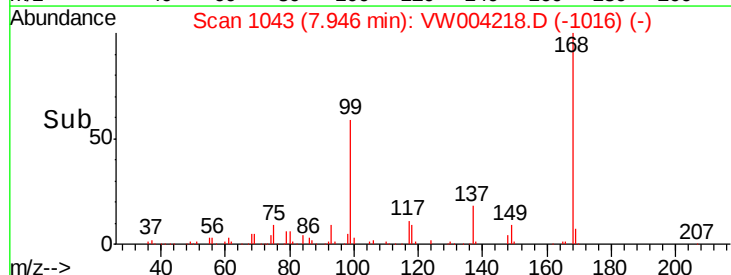
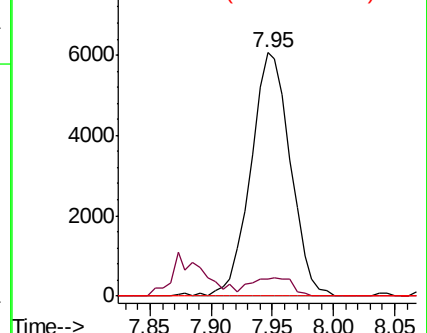
77 0.0 24.9 37.3#

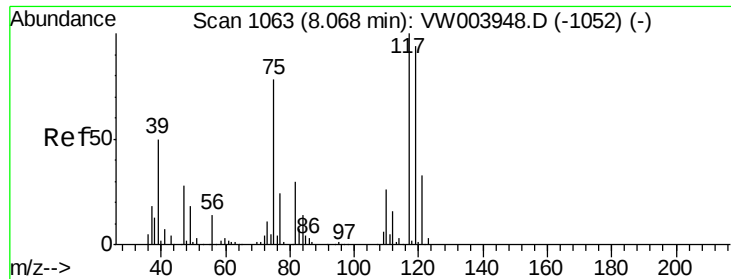


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.287 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004218.D

Acq: 26 Jul 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

CON-SB-06-7-9

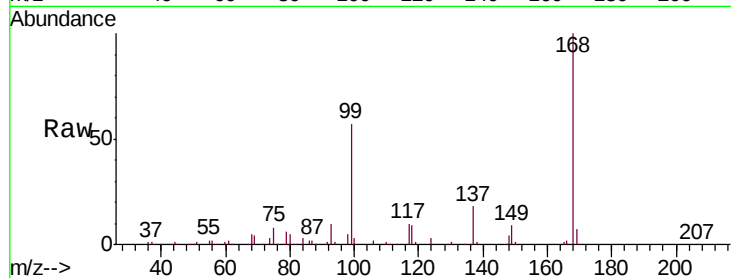
Tgt Ion:117 Resp: 16199

Ion Ratio Lower Upper

117 100

119 5.8 75.3 112.9#

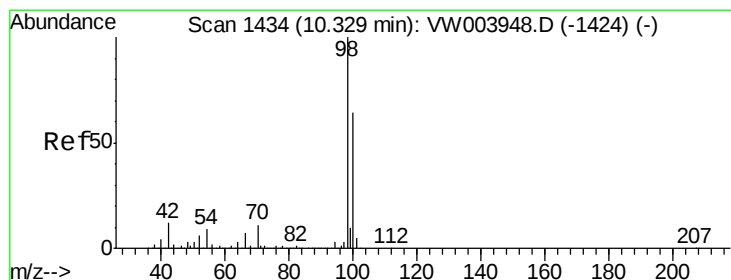
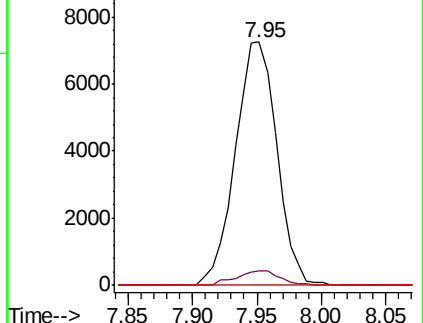
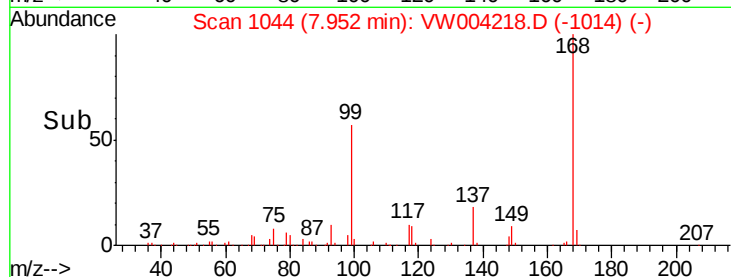
121 0.0 26.0 39.0#



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: 28.045 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004218.D

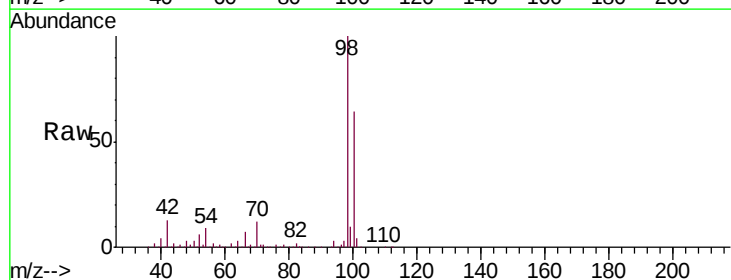
Acq: 26 Jul 2018 02:49

Tgt Ion: 98 Resp: 187129

Ion Ratio Lower Upper

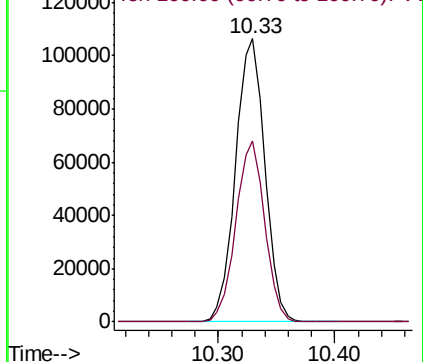
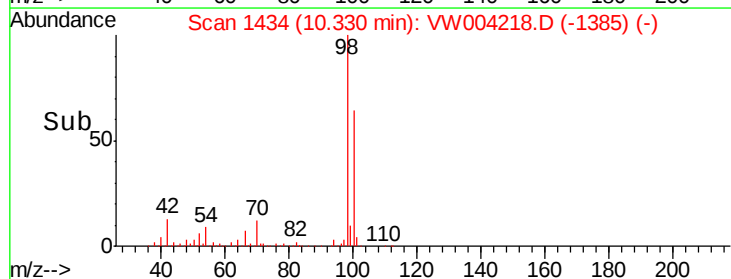
98 100

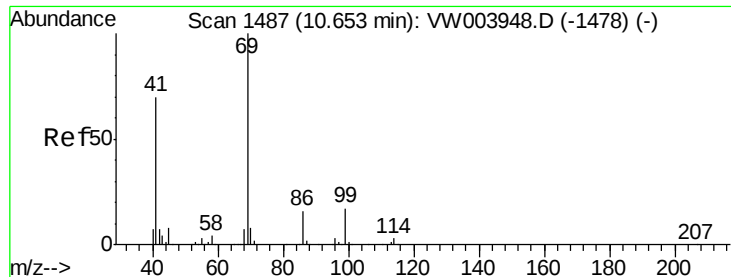
100 63.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

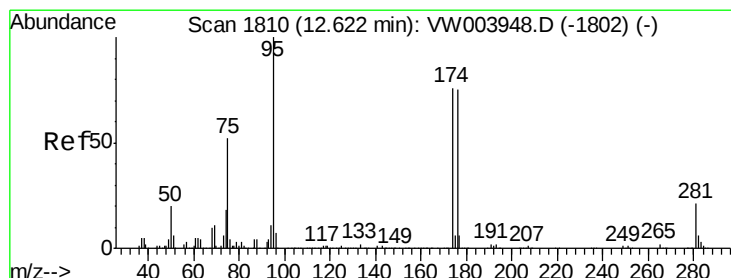
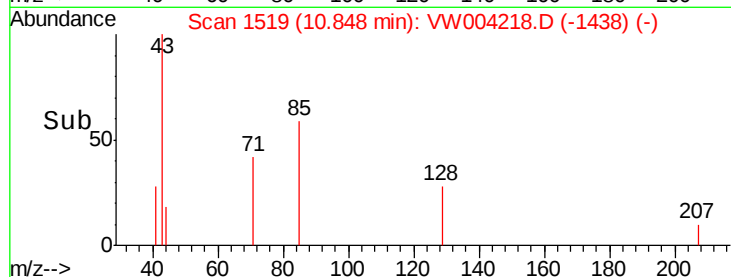
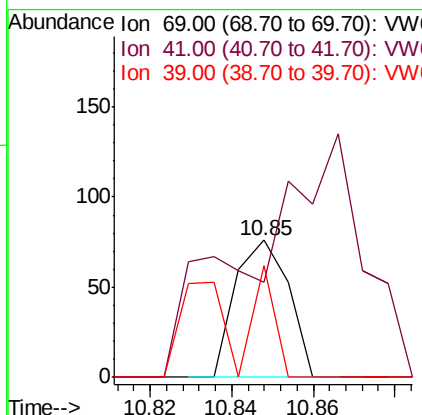
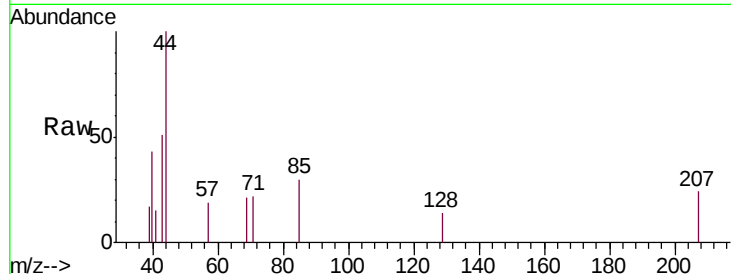




#56
 Ethyl methacrylate
 Concen: 2.978 ug/l
 RT: 10.85 min Scan# 1519
 Delta R.T. 0.20 min
 Lab File: VW004218.D
 Acq: 26 Jul 2018 02:49

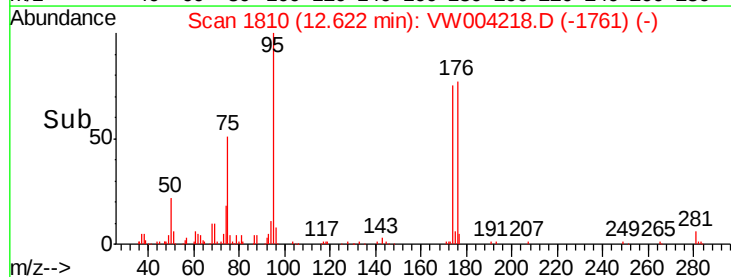
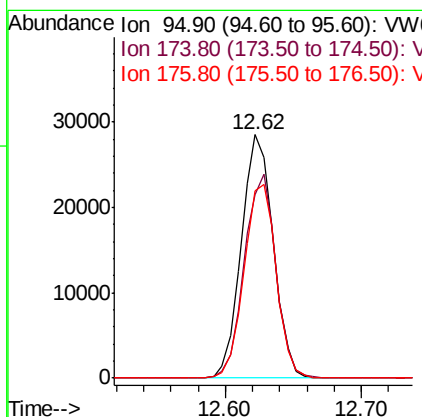
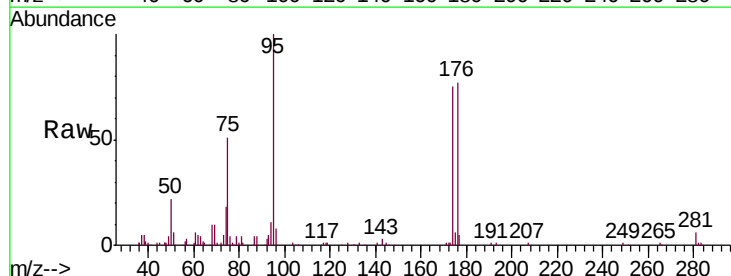
Instrument :
 MSVOA_W
 ClientSampleId :
 CON-SB-06-7-9

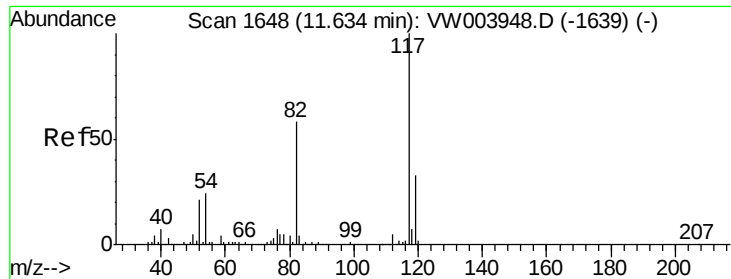
Tgt Ion: 69 Resp: 69
 Ion Ratio Lower Upper
 69 100
 41 0.0 56.5 84.7#
 39 55.1 30.2 45.4#



#62
 4-Bromofluorobenzene
 Concen: 19.394 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004218.D
 Acq: 26 Jul 2018 02:49

Tgt Ion: 95 Resp: 46664
 Ion Ratio Lower Upper
 95 100
 174 83.0 0.0 160.2
 176 80.3 0.0 155.8

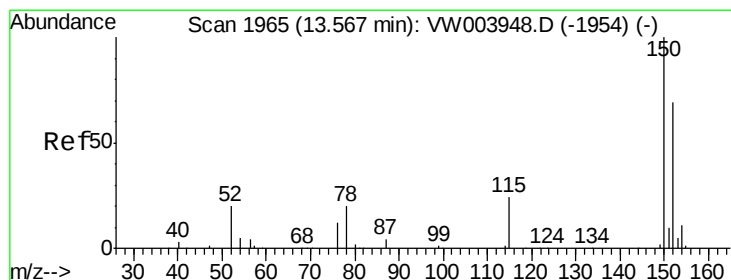
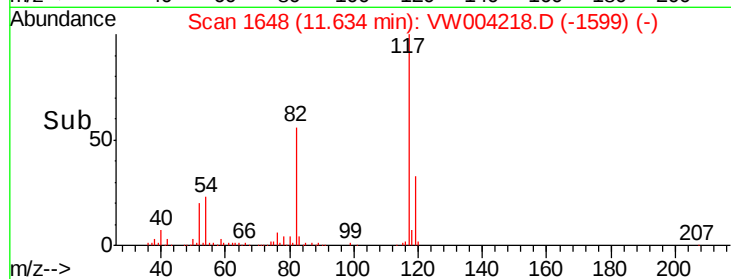
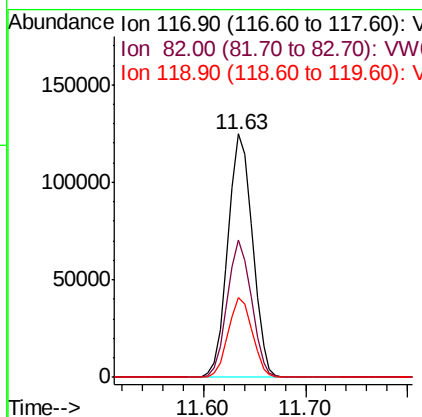
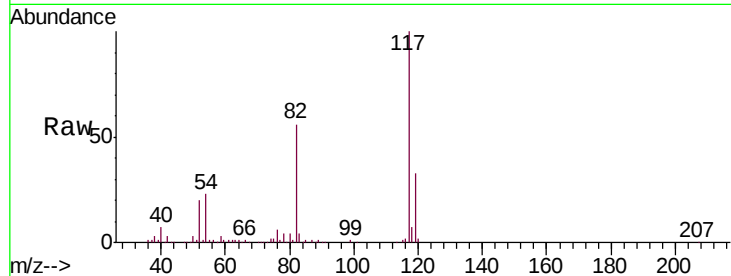




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004218.D
Acq: 26 Jul 2018 02:49

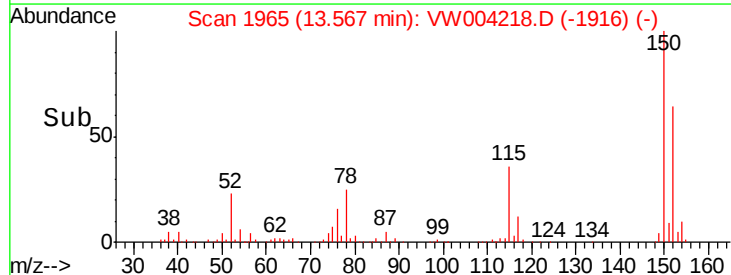
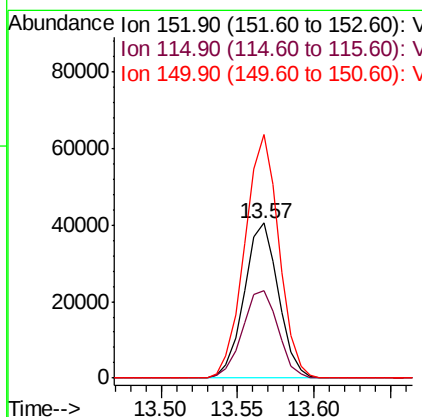
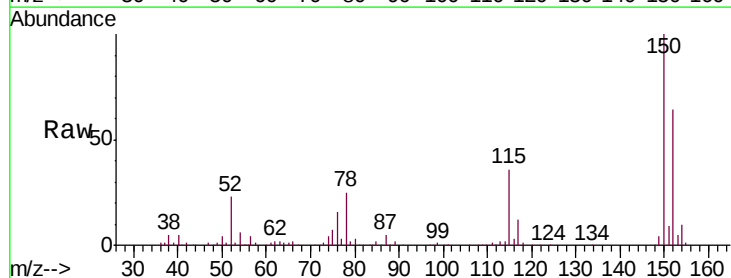
Instrument :
MSVOA_W
ClientSampleId :
CON-SB-06-7-9

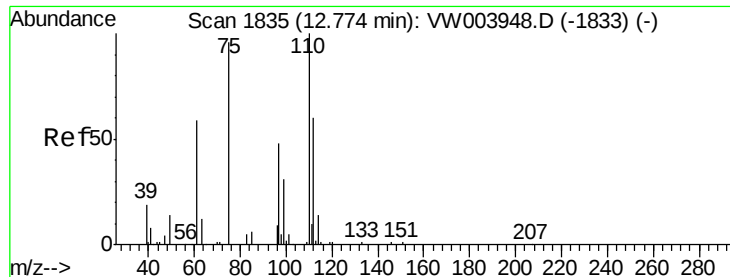
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.5	46.5	69.7
119	32.7	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004218.D
Acq: 26 Jul 2018 02:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.2	87.6
150	156.9	0.0	345.2





#76

1,2,3-Trichloropropane

Concen: 37.932 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004218.D

Acq: 26 Jul 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

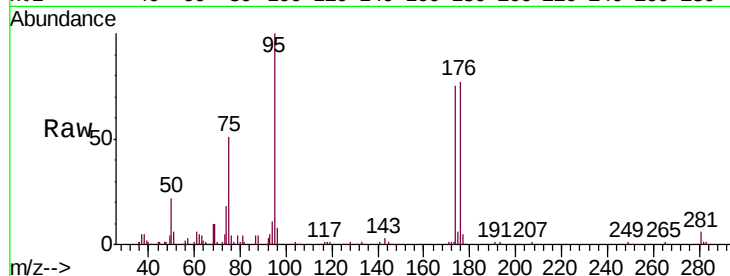
CON-SB-06-7-9

Tgt Ion: 75 Resp: 23763

Ion Ratio Lower Upper

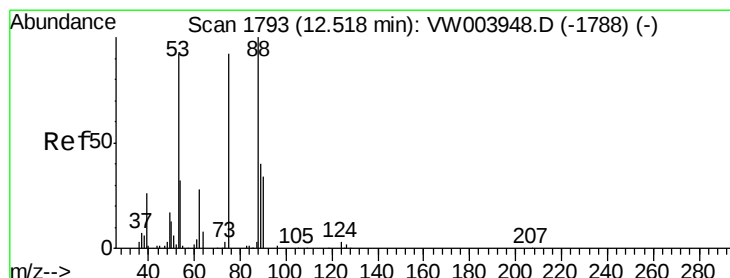
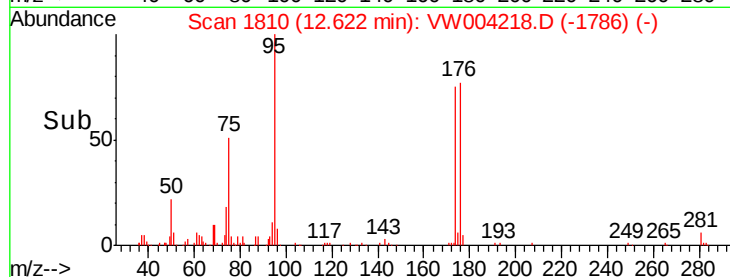
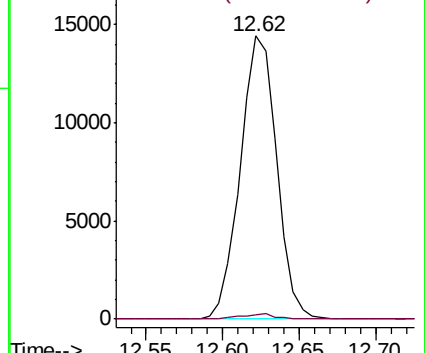
75 100

77 1.8 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: 83.905 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004218.D

Acq: 26 Jul 2018 02:49

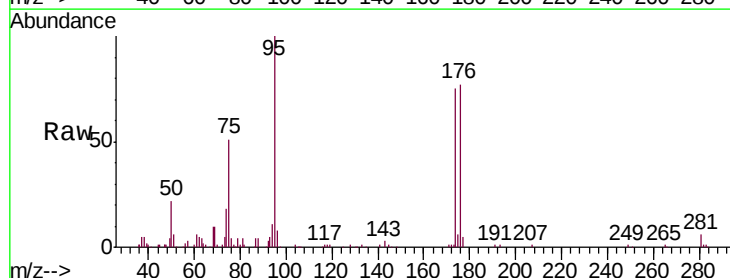
Tgt Ion: 75 Resp: 23763

Ion Ratio Lower Upper

75 100

53 0.0 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

