

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003847.D
 Acq On : 11 Jul 2018 02:29
 Operator : SY/AP
 Sample : J3827-01
 Misc : 6.06G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-03-070918

Quant Time: Jul 11 04:46:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	123878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	211971	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	130808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	43273	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	71729	44.28	ug/l	0.00
Spiked Amount			Recovery	=	88.56%	
35) Dibromofluoromethane	7.88	113	60550	40.81	ug/l	0.00
Spiked Amount			Recovery	=	81.62%	
50) Toluene-d8	10.33	98	101850	17.95	ug/l	0.00
Spiked Amount			Recovery	=	35.90%	
62) 4-Bromofluorobenzene	12.62	95	39052	19.02	ug/l	0.00
Spiked Amount			Recovery	=	38.04%	

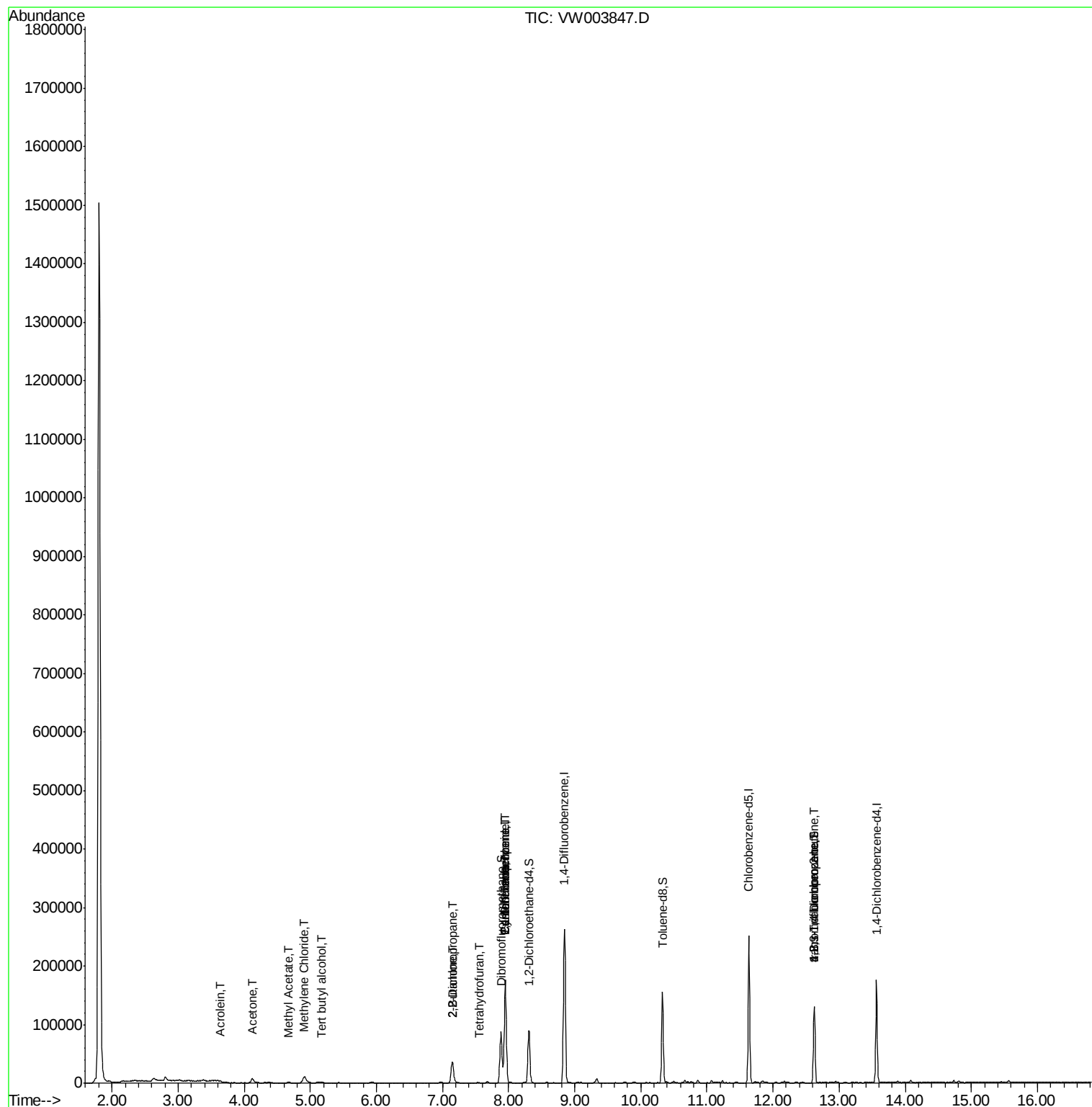
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	880	10.024	ug/l #	86
13) Acrolein	3.64	56	39	5.004	ug/l #	14
16) Acetone	4.12	43	12335	43.887	ug/l	97
18) Methyl Acetate	4.67	43	1754	2.213	ug/l #	88
20) Methylene Chloride	4.91	84	8316	1.849	ug/l	92
25) 2-Butanone	7.15	43	2519	5.722	ug/l #	77
26) 2,2-Dichloropropane	7.14	77	2319	1.589	ug/l #	53
29) Tetrahydrofuran	7.55	42	440	1.555	ug/l #	45
31) Cyclohexane	7.95	56	5019	2.123	ug/l #	52
36) 1,1-Dichloropropene	7.95	75	11089	4.930	ug/l #	51
38) Carbon Tetrachloride	7.95	117	12957	6.059	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	22064	51.923	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	22064	127.017	ug/l #	8

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

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QLast Update : Sat Jul 07 05:07:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003847.D

Acq: 11 Jul 2018 02:29

Instrument :

MSVOA_W

ClientSampleId :

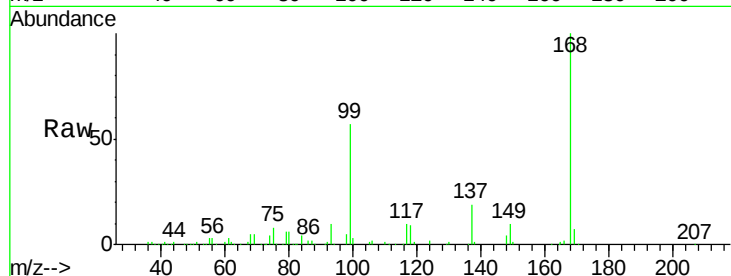
OR-03-070918

Tot Ion:168 Resp: 123878

Ion Ratio Lower Upper

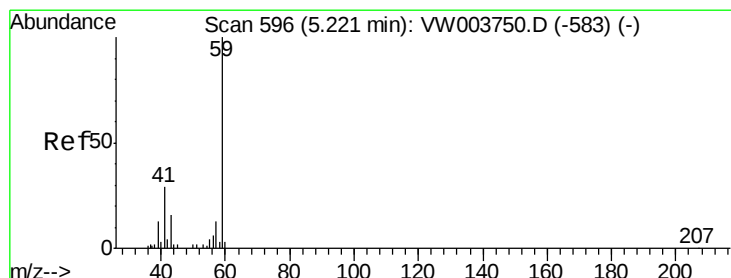
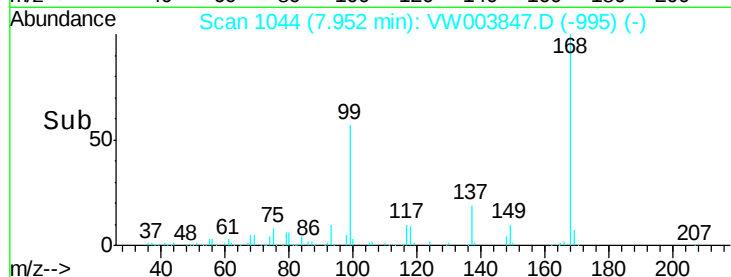
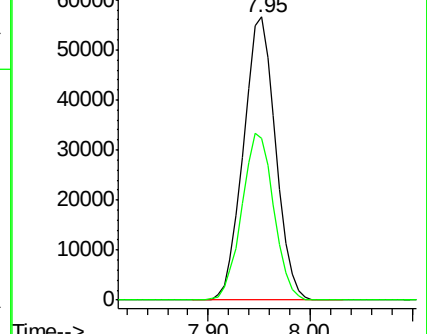
168 100

99 57.2 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 10.024 ug/l

RT: 5.17 min Scan# 588

Delta R.T. -0.05 min

Lab File: VW003847.D

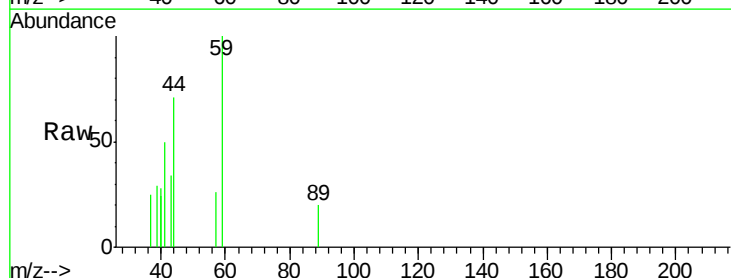
Acq: 11 Jul 2018 02:29

Tgt Ion: 59 Resp: 880

Ion Ratio Lower Upper

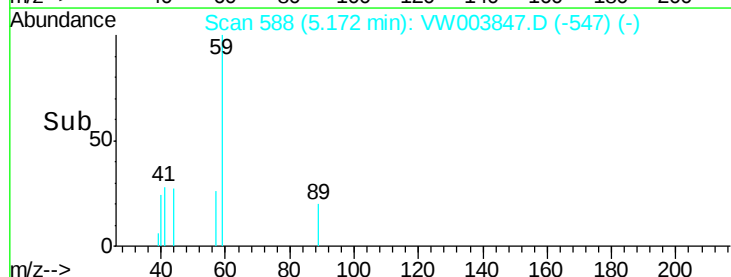
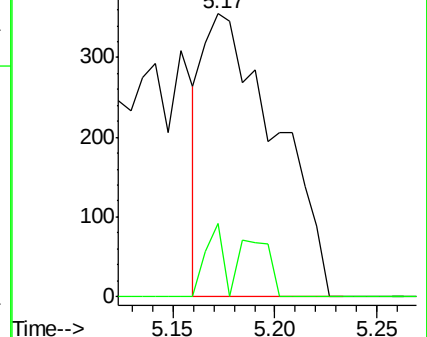
59 100

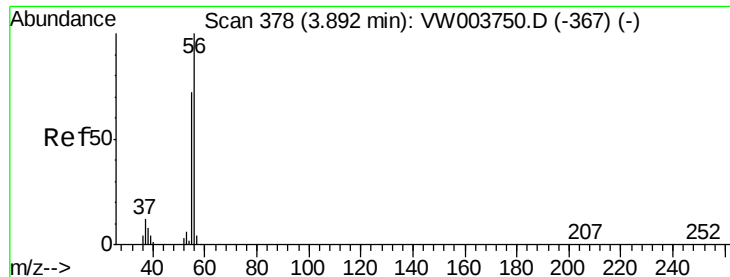
57 6.1 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 5.004 ug/l

RT: 3.64 min Scan# 337

Delta R.T. -0.25 min

Lab File: VW003847.D

Acq: 11 Jul 2018 02:29

Instrument :

MSVOA_W

ClientSampleId :

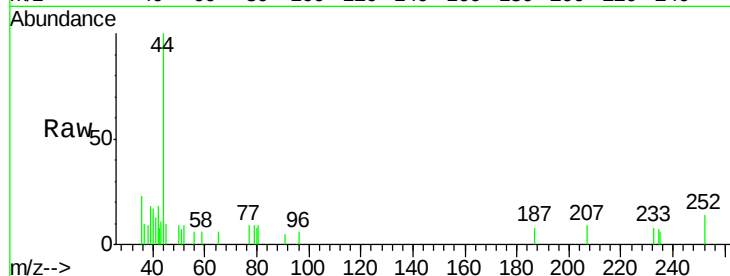
OR-03-070918

Tot Ion: 56 Resp: 39

Ion Ratio Lower Upper

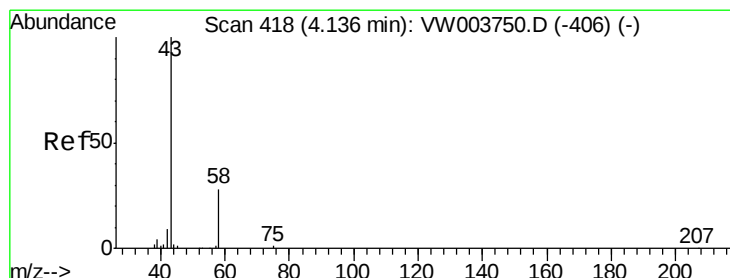
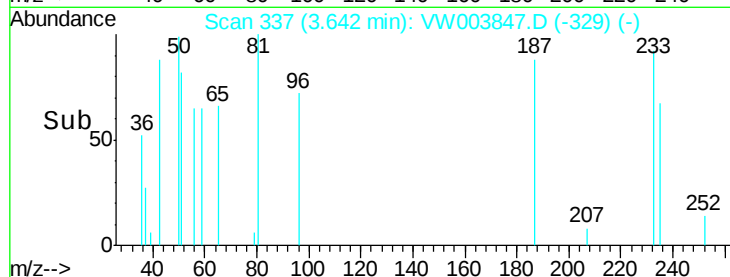
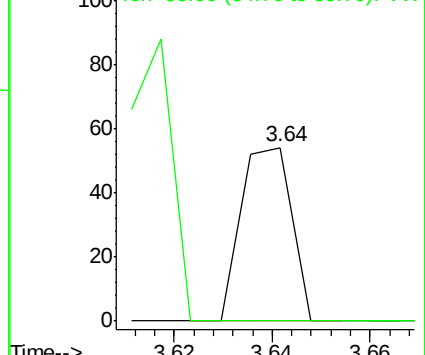
56 100

55 0.0 57.5 86.3#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#16

Acetone

Concen: 43.887 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.01 min

Lab File: VW003847.D

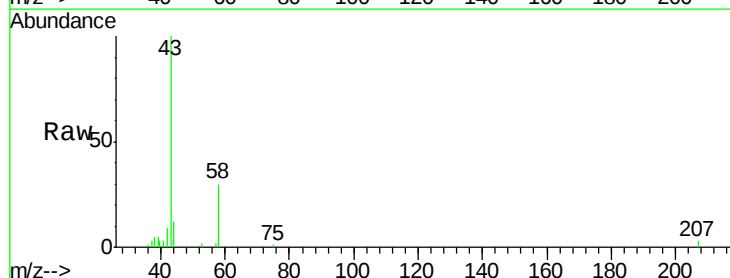
Acq: 11 Jul 2018 02:29

Tgt Ion: 43 Resp: 12335

Ion Ratio Lower Upper

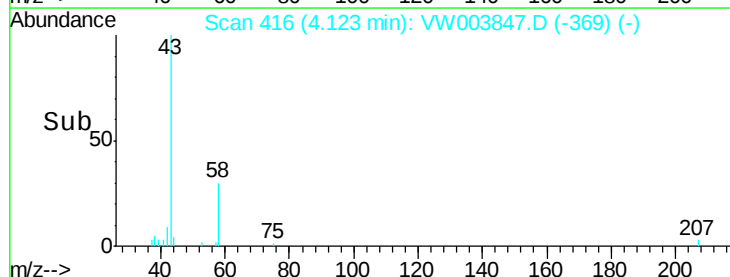
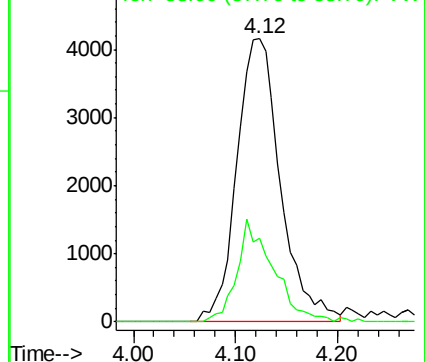
43 100

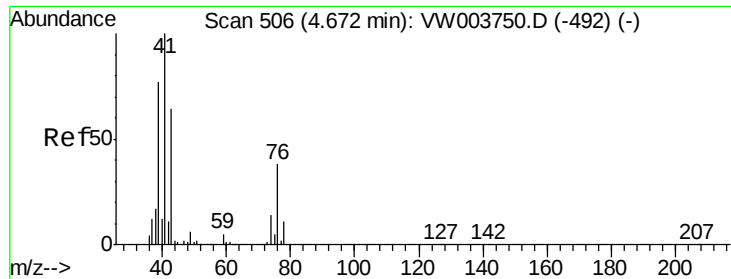
58 29.6 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

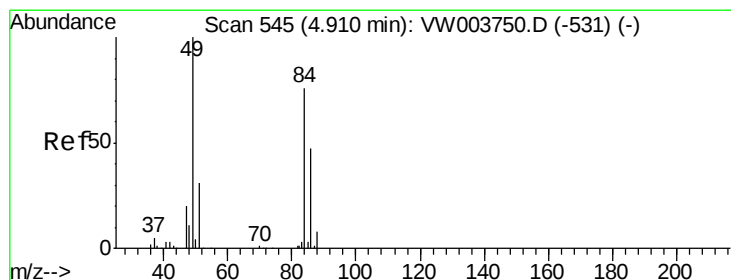
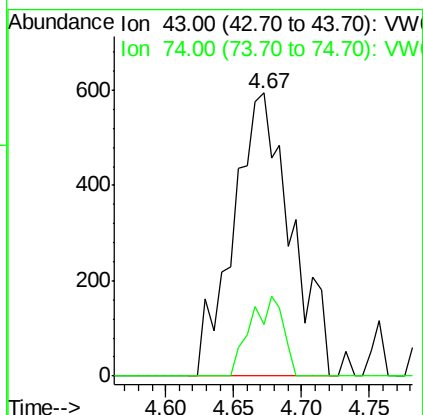
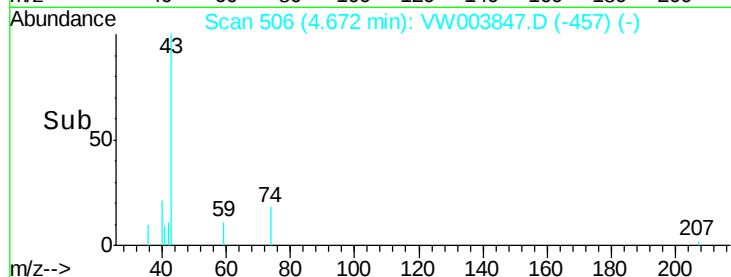
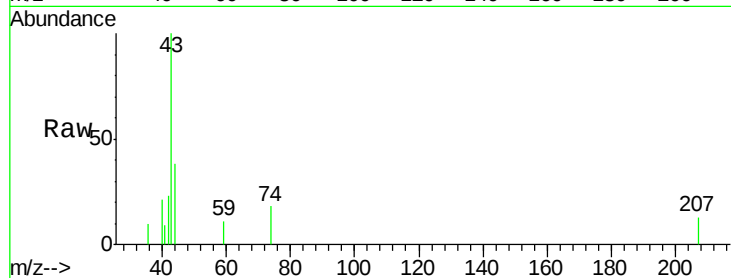




#18
Methyl Acetate
Concen: 2.213 ug/l
RT: 4.67 min Scan# 506
Delta R.T. -0.00 min
Lab File: VW003847.D
Acq: 11 Jul 2018 02:29

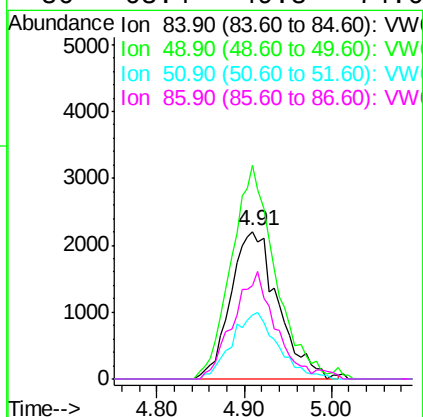
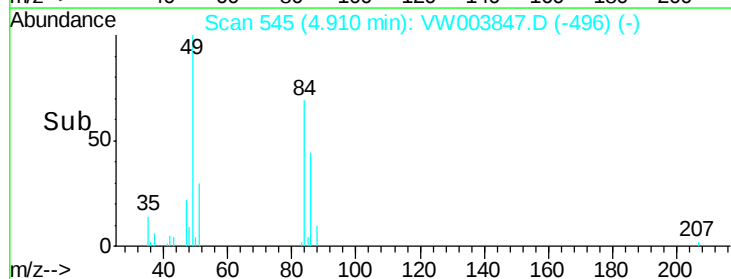
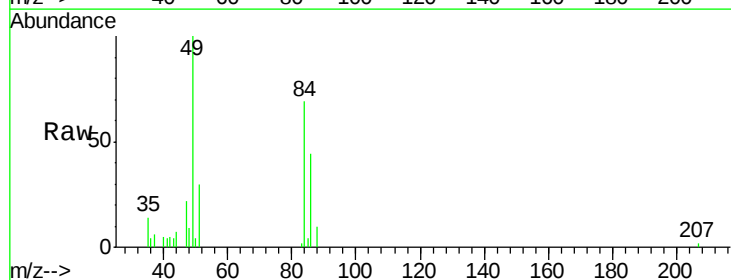
Instrument :
MSVOA_W
ClientSampleId :
OR-03-070918

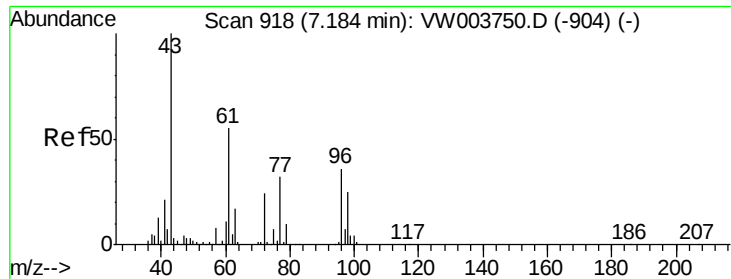
Tot Ion: 43 Resp: 1754
Ion Ratio Lower Upper
43 100
74 16.1 17.3 25.9#



#20
Methylene Chloride
Concen: 1.849 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003847.D
Acq: 11 Jul 2018 02:29

Tgt Ion: 84 Resp: 8316
Ion Ratio Lower Upper
84 100
49 145.0 105.1 157.7
51 43.8 32.5 48.7
86 63.4 49.8 74.6





#25

2-Butanone

Concen: 5.722 ug/l

RT: 7.15 min Scan# 912

Delta R.T. -0.04 min

Lab File: VW003847.D

Acq: 11 Jul 2018 02:29

Instrument :

MSVOA_W

ClientSampleId :

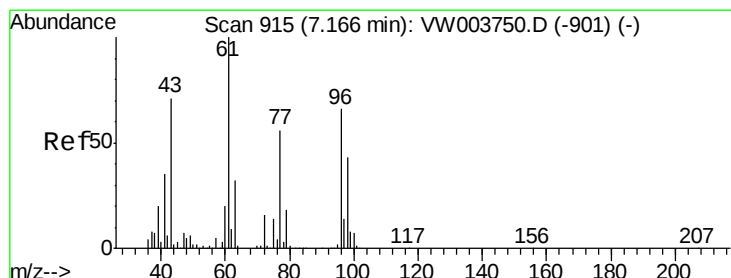
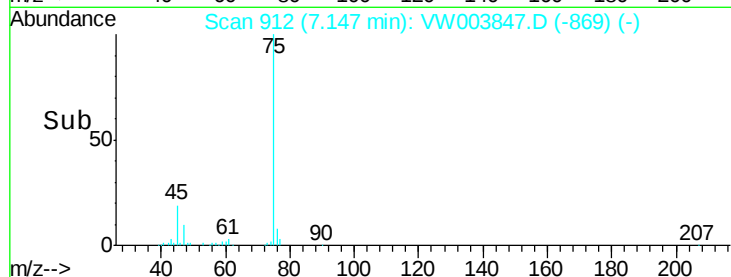
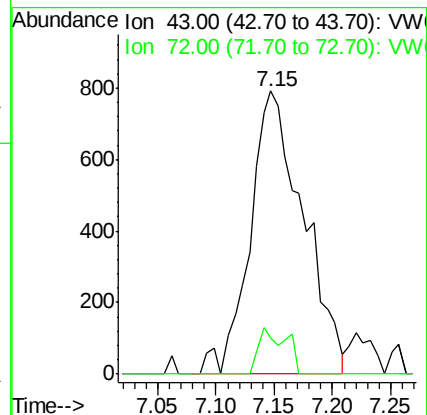
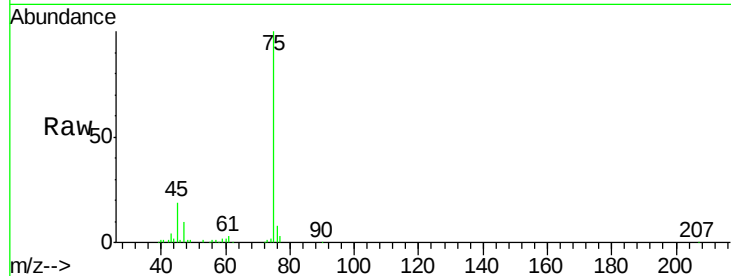
OR-03-070918

Tot Ion: 43 Resp: 2519

Ion Ratio Lower Upper

43 100

72 13.0 19.4 29.2#



#26

2,2-Dichloropropane

Concen: 1.589 ug/l

RT: 7.14 min Scan# 911

Delta R.T. -0.02 min

Lab File: VW003847.D

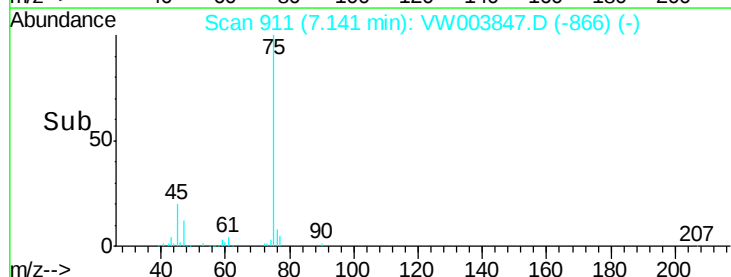
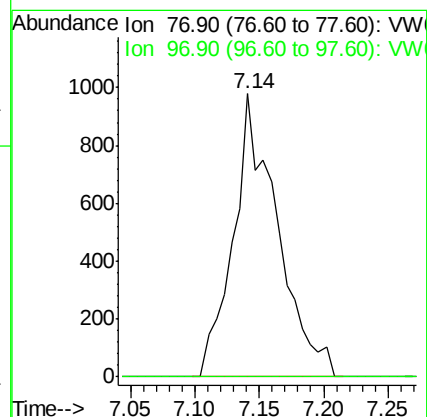
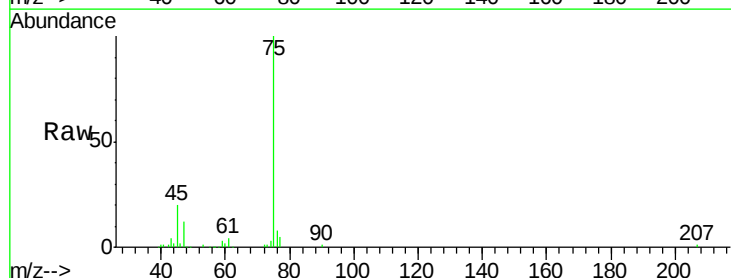
Acq: 11 Jul 2018 02:29

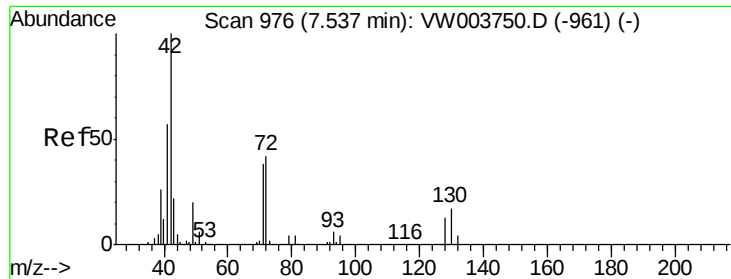
Tgt Ion: 77 Resp: 2319

Ion Ratio Lower Upper

77 100

97 0.0 11.5 34.5#

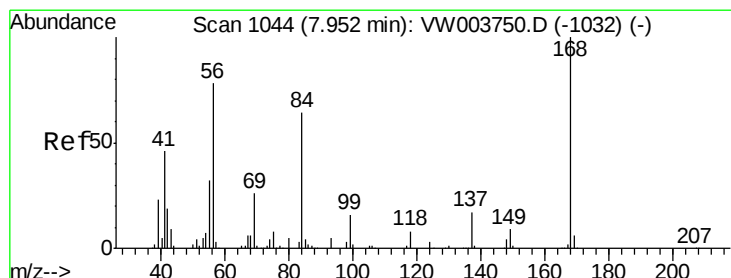
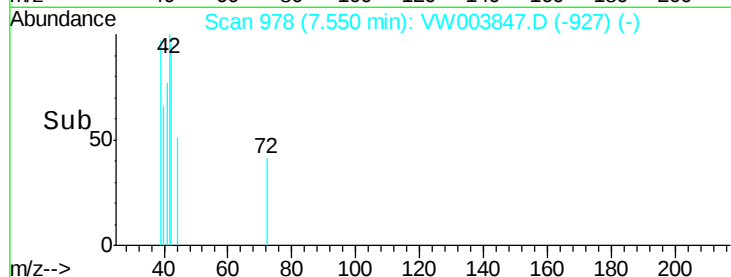
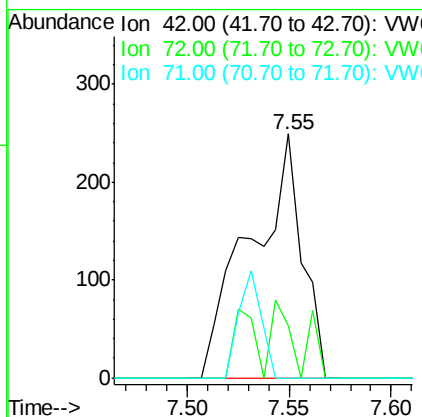
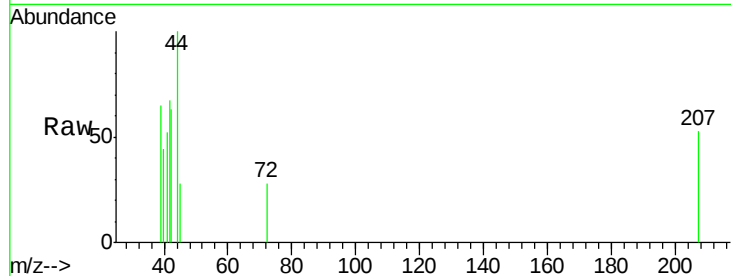




#29
Tetrahydrofuran
Concen: 1.555 ug/l
RT: 7.55 min Scan# 978
Delta R.T. 0.01 min
Lab File: VW003847.D
Acq: 11 Jul 2018 02:29

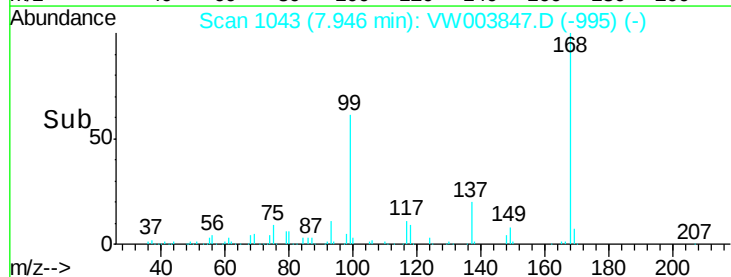
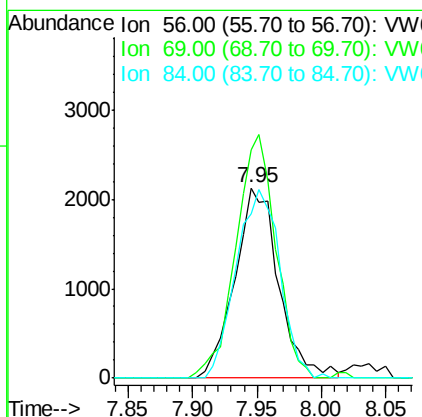
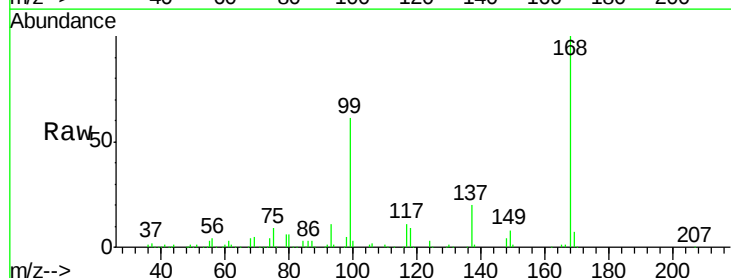
Instrument :
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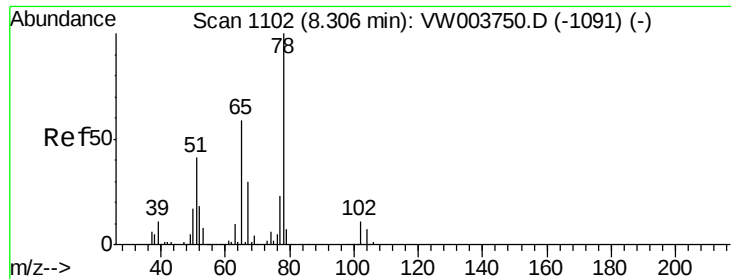
Tot Ion: 42 Resp: 440
Ion Ratio Lower Upper
42 100
72 11.1 31.8 47.8#
71 0.0 30.3 45.5#



#31
Cyclohexane
Concen: 2.123 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW003847.D
Acq: 11 Jul 2018 02:29

Tgt Ion: 56 Resp: 5019
Ion Ratio Lower Upper
56 100
69 120.4 26.2 39.4#
84 86.7 65.5 98.3





#33

1,2-Dichloroethane-d4

Concen: 44.278 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW003847.D

Acq: 11 Jul 2018 02:29

Instrument :

MSVOA_W

ClientSampleId :

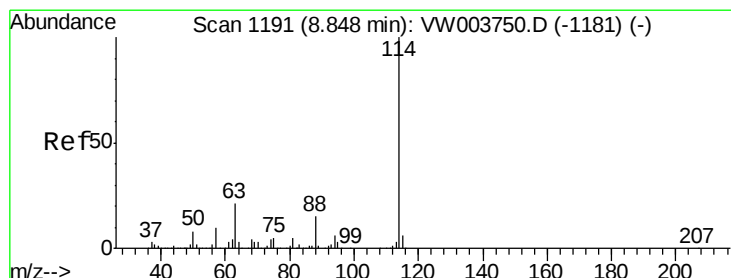
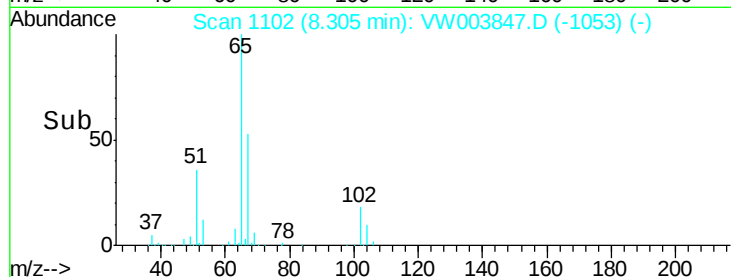
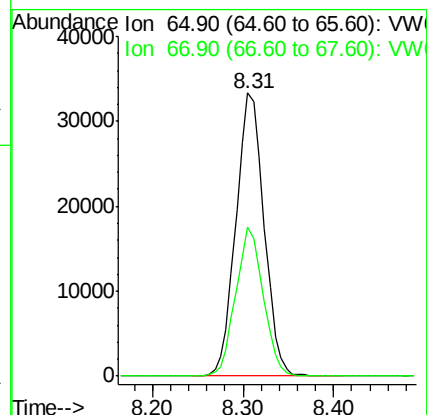
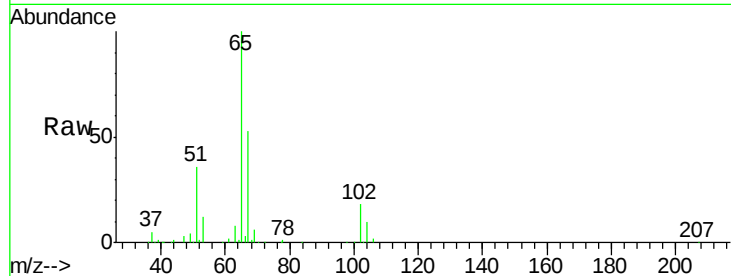
OR-03-070918

Tot Ion: 65 Resp: 71729

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VW003847.D

Acq: 11 Jul 2018 02:29

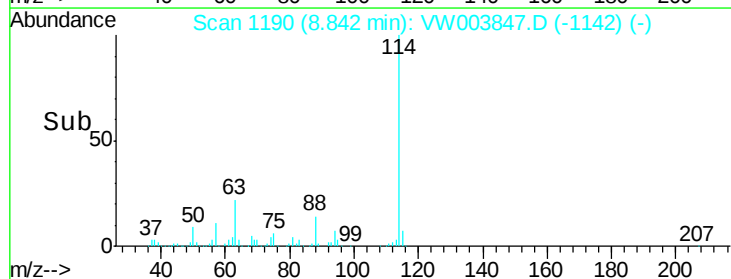
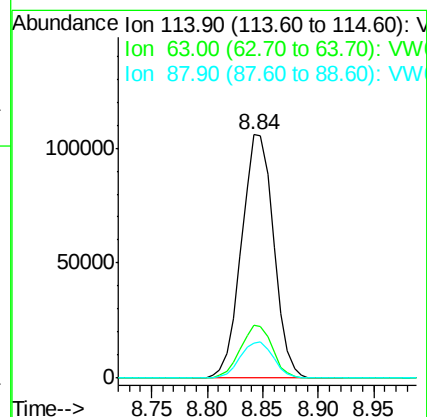
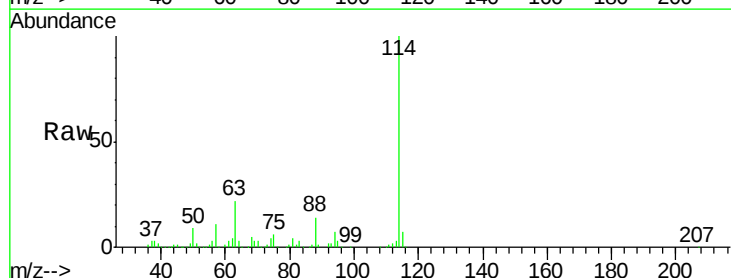
Tgt Ion: 114 Resp: 211971

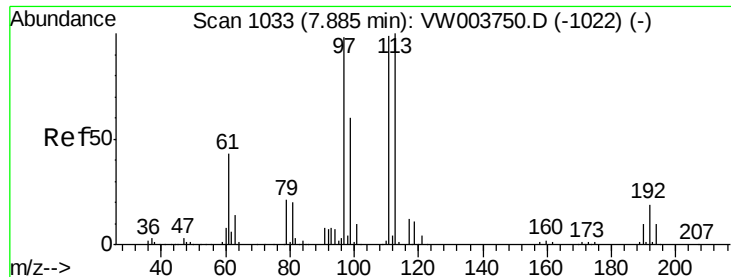
Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.8

88 14.5 0.0 30.2

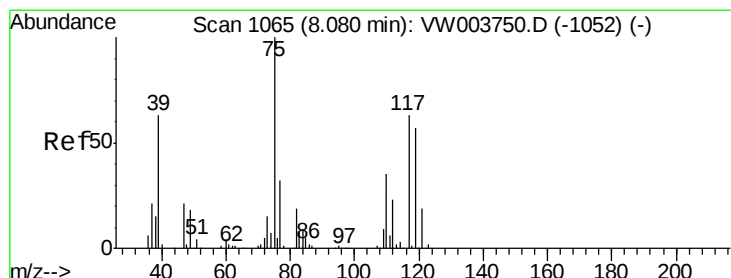
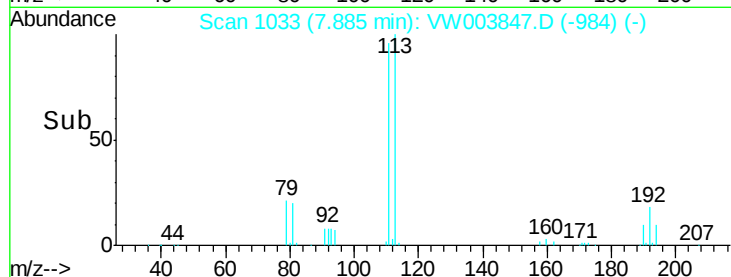
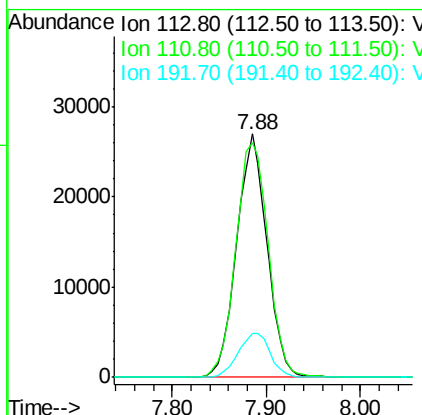
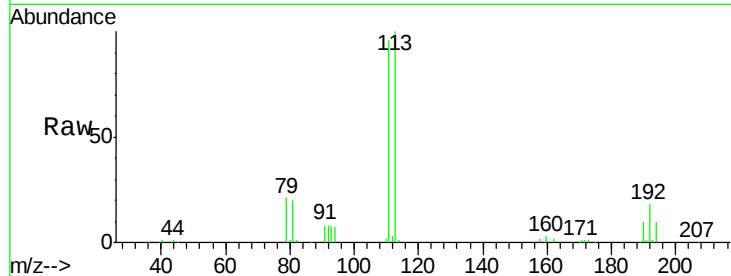




#35
 Dibromofluoromethane
 Concen: 40.814 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003847.D
 Acq: 11 Jul 2018 02:29

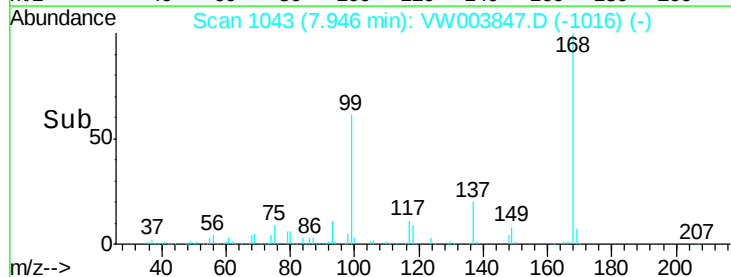
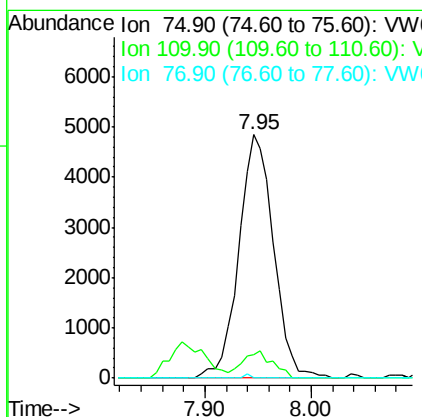
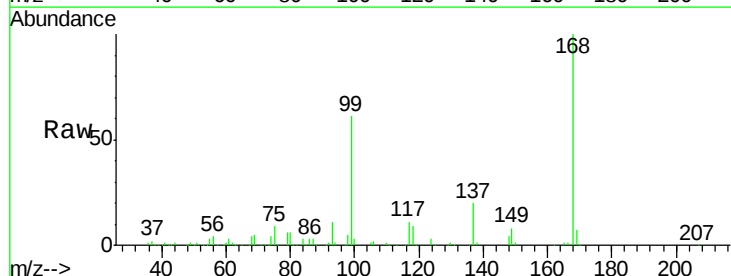
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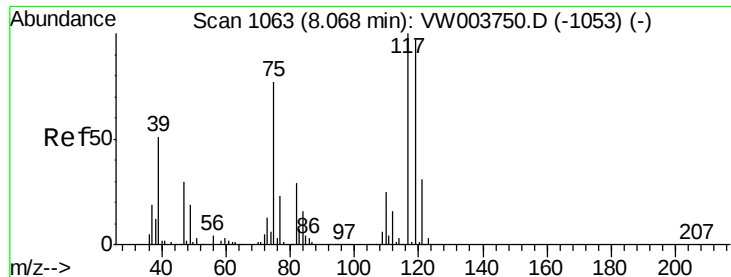
Tot Ion:113 Resp: 60550
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.7 122.5
 192 19.4 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 4.930 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW003847.D
 Acq: 11 Jul 2018 02:29

Tgt Ion: 75 Resp: 11089
 Ion Ratio Lower Upper
 75 100
 110 9.7 16.9 50.6#
 77 0.2 24.8 37.2#

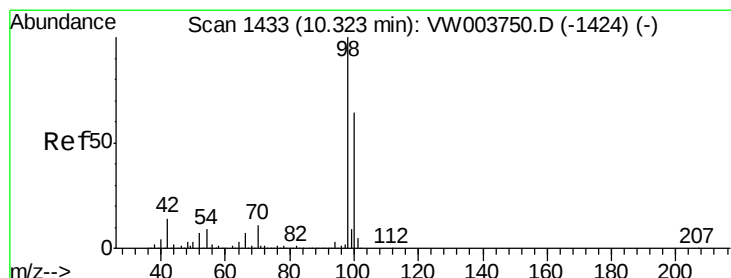
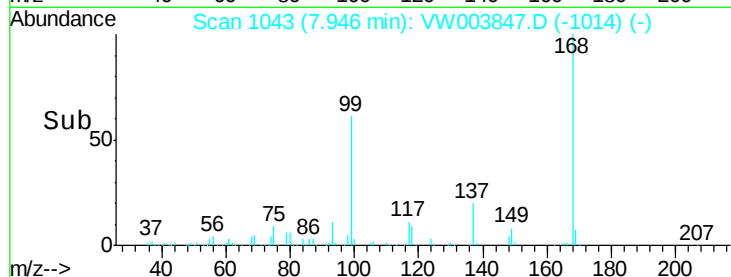
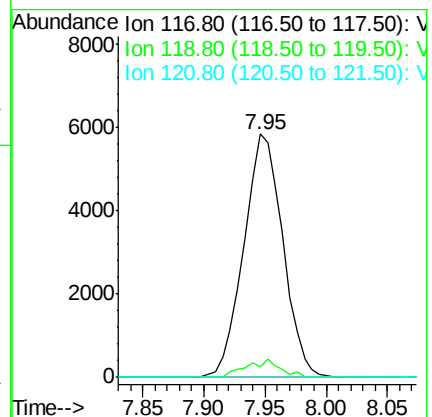
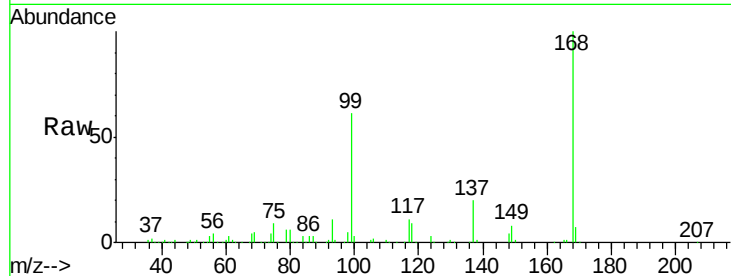




#38
Carbon Tetrachloride
Concen: 6.059 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.12 min
Lab File: VW003847.D
Acq: 11 Jul 2018 02:29

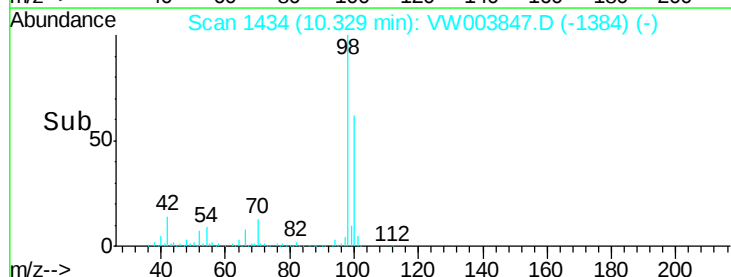
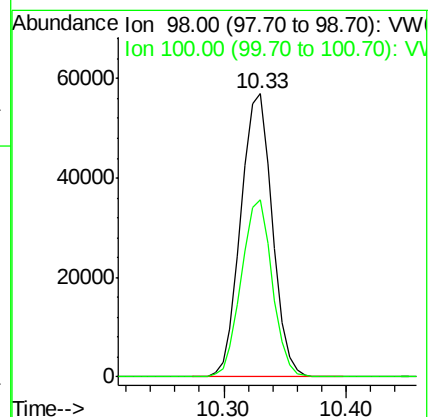
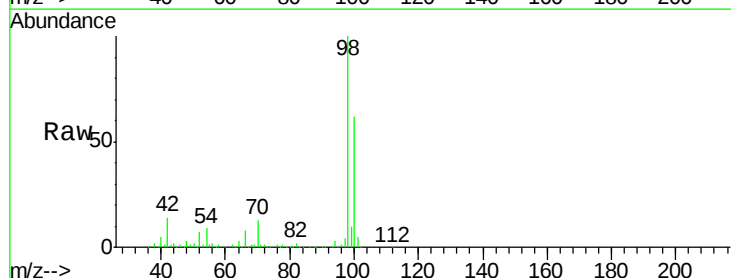
Instrument :
MSVOA_W
ClientSampleId :
OR-03-070918

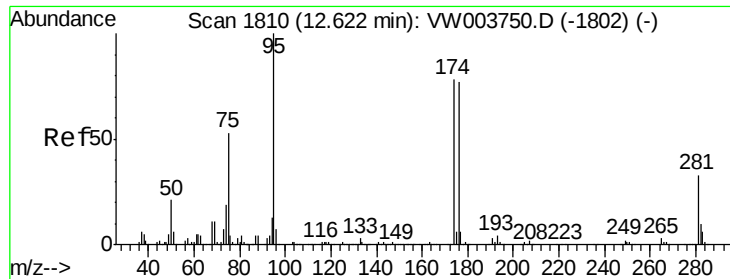
Tot Ion:117 Resp: 12957
Ion Ratio Lower Upper
117 100
119 4.6 77.4 116.2#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 17.947 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003847.D
Acq: 11 Jul 2018 02:29

Tgt Ion: 98 Resp: 101850
Ion Ratio Lower Upper
98 100
100 61.4 50.8 76.2

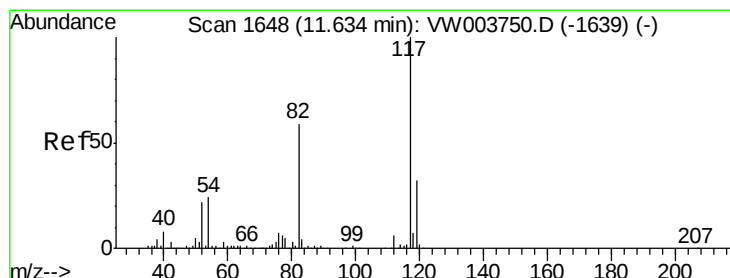
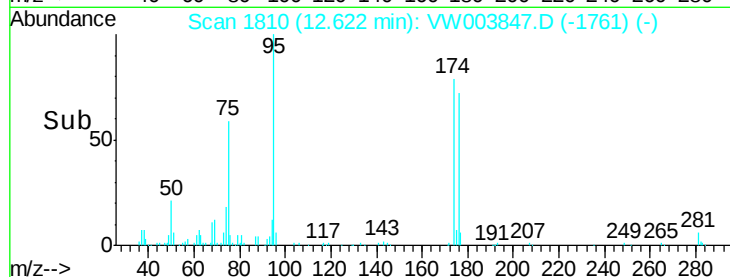
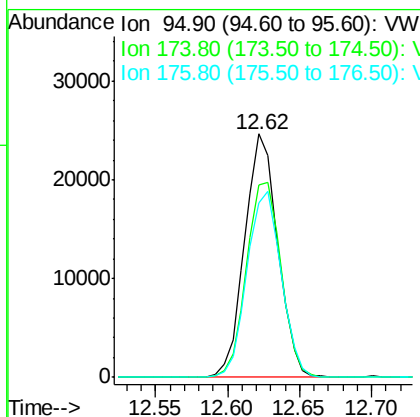
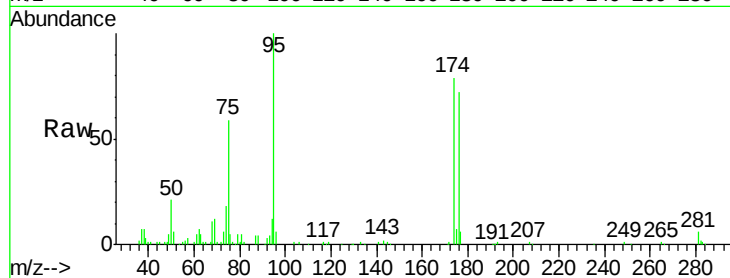




#62
4-Bromofluorobenzene
Concen: 19.019 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW003847.D
Acq: 11 Jul 2018 02:29

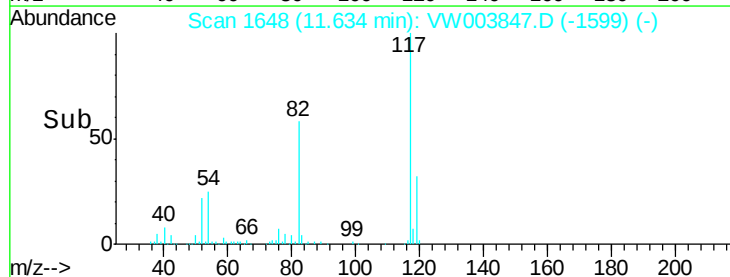
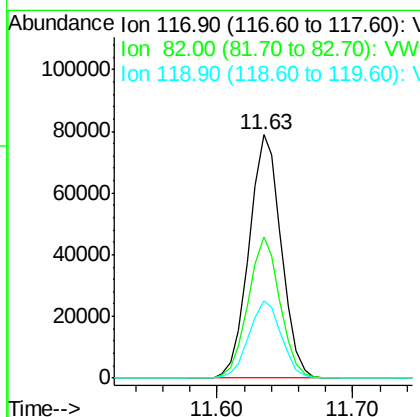
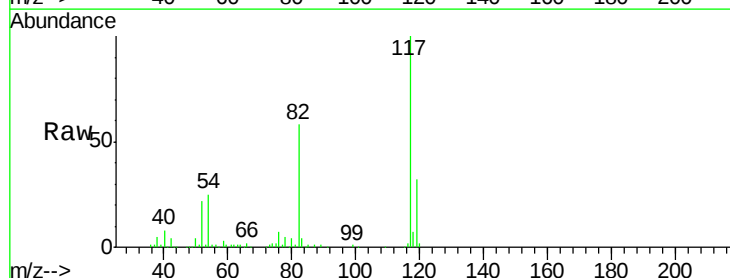
Instrument :
MSVOA_W
ClientSampleId :
OR-03-070918

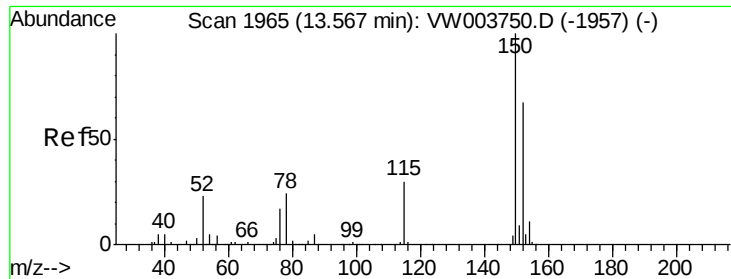
Tot Ion: 95 Resp: 39052
Ion Ratio Lower Upper
95 100
174 83.8 0.0 163.4
176 78.8 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003847.D
Acq: 11 Jul 2018 02:29

Tgt Ion: 117 Resp: 130808
Ion Ratio Lower Upper
117 100
82 57.9 46.9 70.3
119 31.6 25.5 38.3



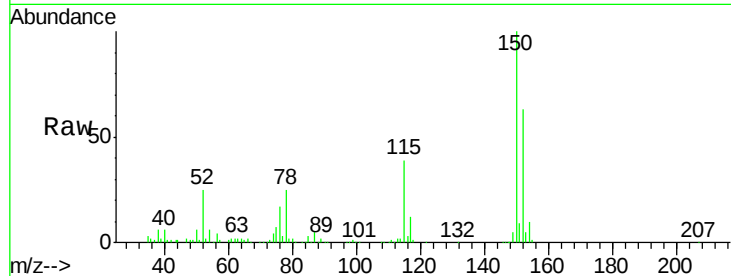


#72

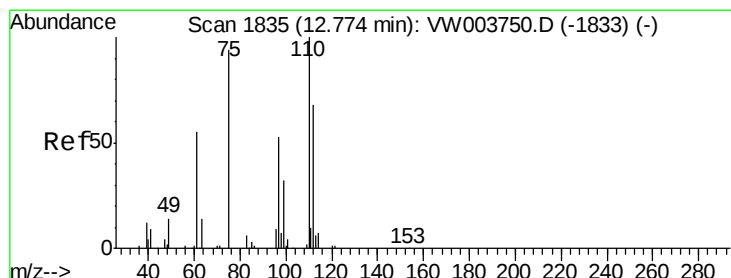
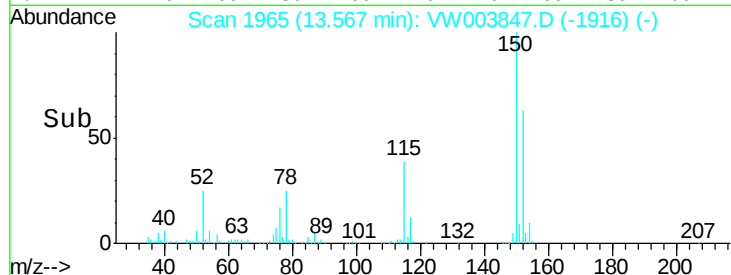
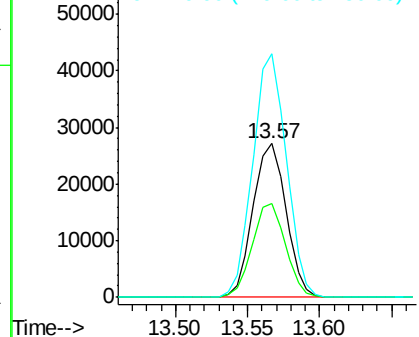
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003847.D
Acq: 11 Jul 2018 02:29

Instrument :
MSVOA_W
ClientSampleId :
OR-03-070918

Tot Ion:152 Resp: 43273
Ion Ratio Lower Upper
152 100
115 61.2 28.9 86.8
150 160.2 0.0 342.4



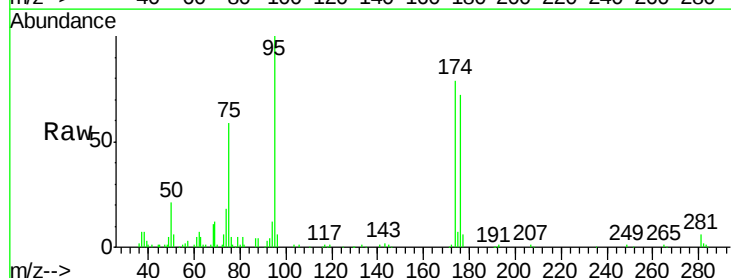
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



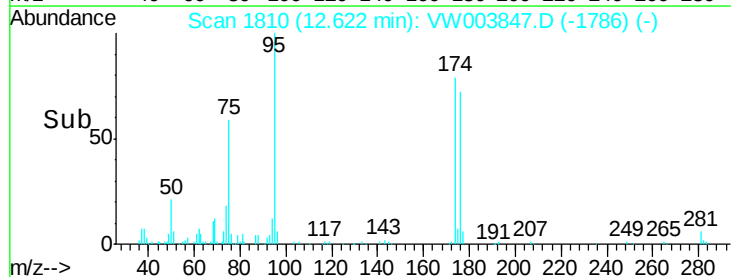
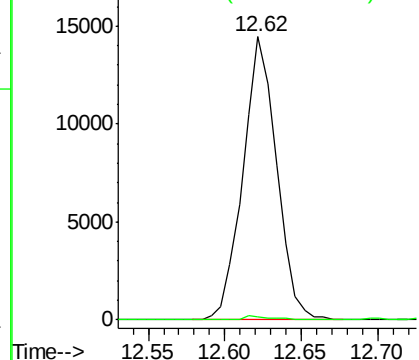
#76

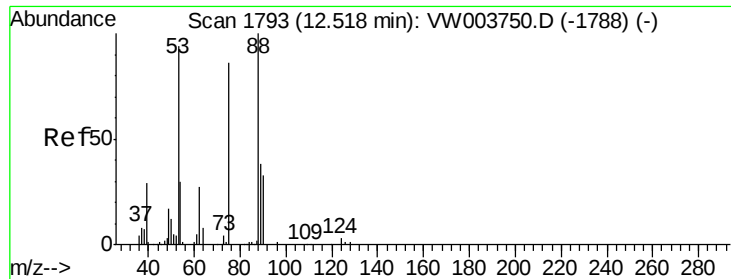
1,2,3-Trichloropropane
Concen: 51.923 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW003847.D
Acq: 11 Jul 2018 02:29

Tgt Ion: 75 Resp: 22064
Ion Ratio Lower Upper
75 100
77 1.1 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: 127.017 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003847.D

Acq: 11 Jul 2018 02:29

Instrument :

MSVOA_W

ClientSampleId :

OR-03-070918

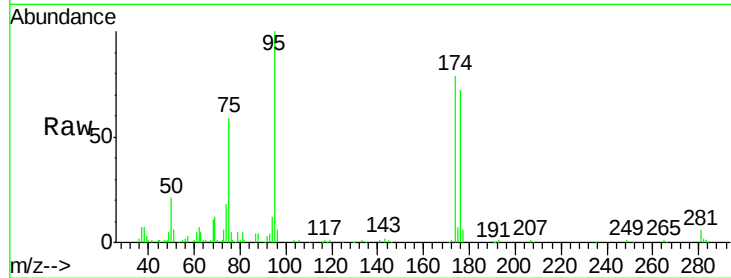
Tot Ion: 75 Resp: 22064

Ion Ratio Lower Upper

75 100

53 0.4 85.0 127.6#

89 0.0 36.3 54.5#



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

