

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
 Data File : VW004154.D
 Acq On : 24 Jul 2018 00:17
 Operator : SY/AP
 Sample : VW0723SBL02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 04:48:30 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	213108	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	374203	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	354553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	167780	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	150677	63.25	ug/l	0.00
Spiked Amount			Recovery	=	126.50%	
35) Dibromofluoromethane	7.88	113	127308	53.02	ug/l	0.00
Spiked Amount			Recovery	=	106.04%	
50) Toluene-d8	10.33	98	461941	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	12.62	95	153993	45.84	ug/l	0.00
Spiked Amount			Recovery	=	91.68%	

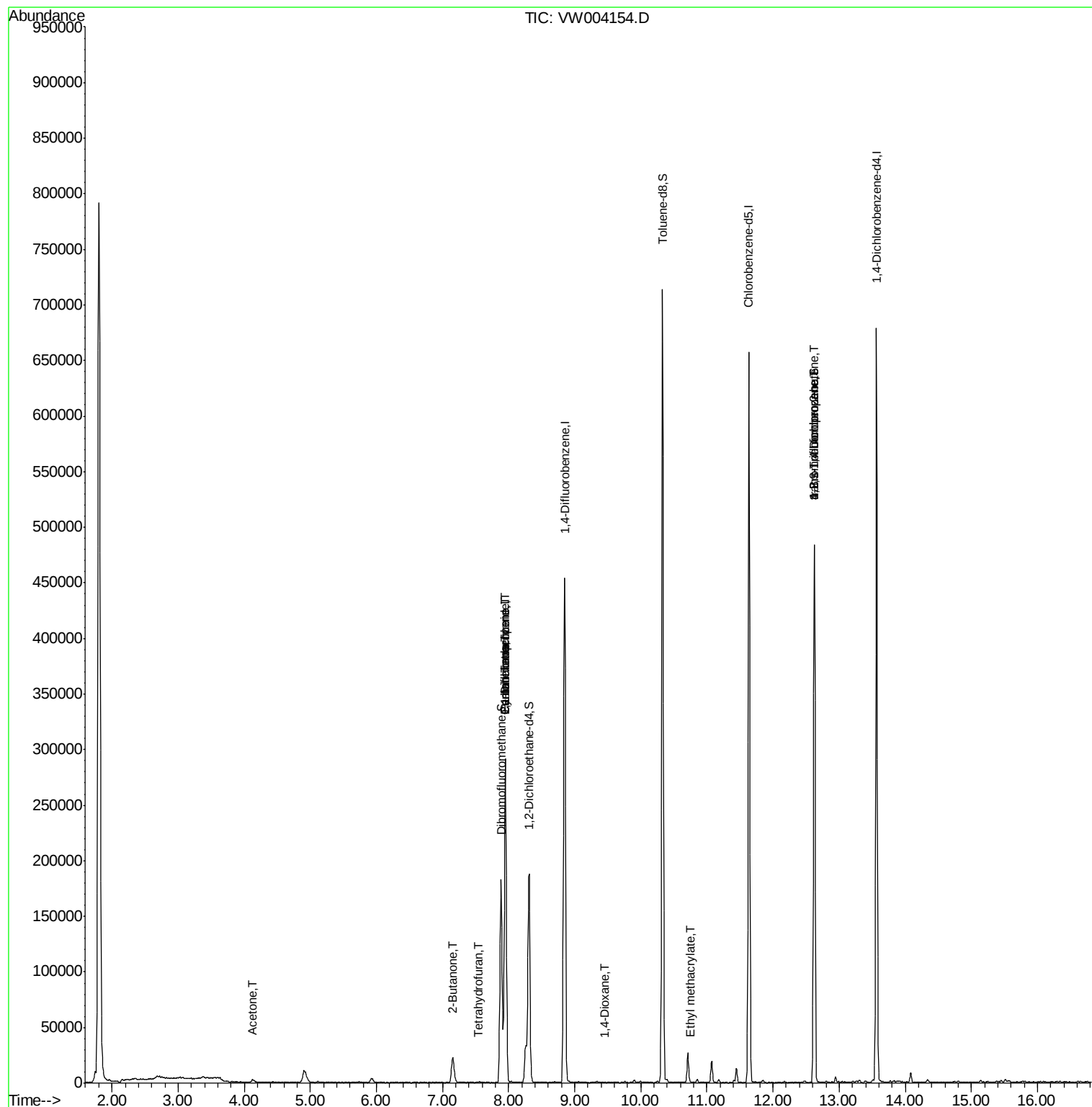
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	4306	7.522	ug/l	95
20) Methylene Chloride	4.92	84	9581	Below Cal		94
25) 2-Butanone	7.15	43	1627	2.112	ug/l	96
29) Tetrahydrofuran	7.54	42	597	1.244	ug/l #	59
31) Cyclohexane	7.95	56	5385	1.363	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17692	4.595	ug/l #	49
38) Carbon Tetrachloride	7.95	117	21200	5.893	ug/l #	18
49) 1,4-Dioxane	9.46	88	22	1.012	ug/l #	1
56) Ethyl methacrylate	10.75	69	46	2.961	ug/l #	21
76) 1,2,3-Trichloropropane	12.62	75	80657	48.423	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	80657	107.111	ug/l #	11

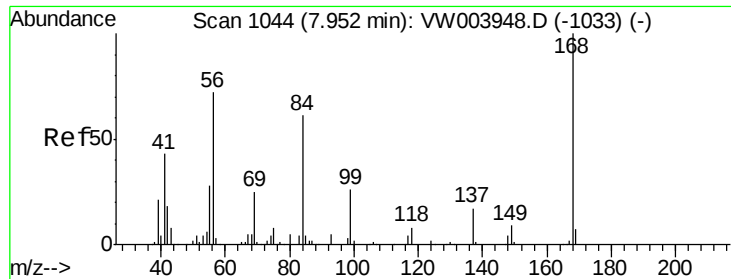
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072318\
Data File : VW004154.D
Acq On : 24 Jul 2018 00:17
Operator : SY/AP
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Misc : 5.00G/5ML/MSVOA W/SOIL
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MSVOA_W
ClientSampleId :

Quant Time: Jul 24 04:48:30 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 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: VW004154.D

Acq: 24 Jul 2018 00:17

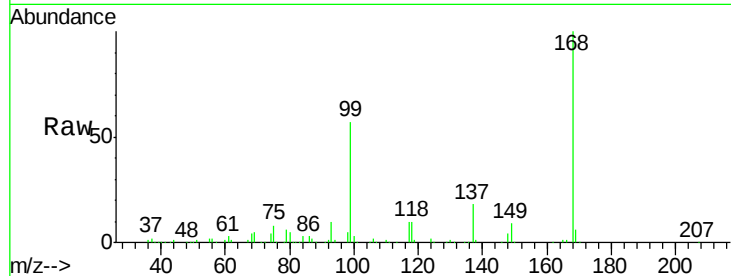
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 213108

Ion Ratio Lower Upper

168 100

99 57.2 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

100000

80000

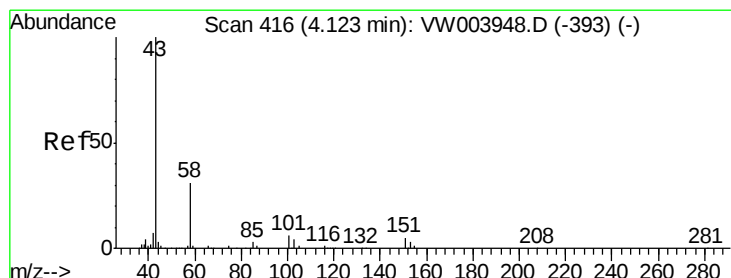
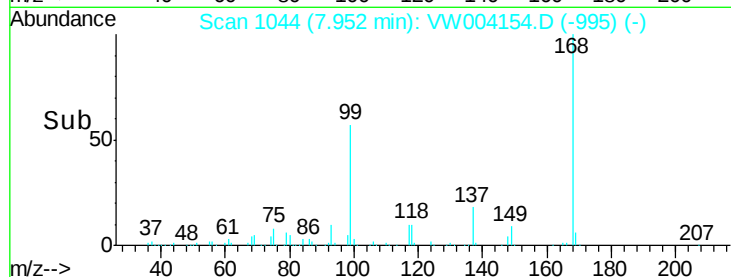
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 7.522 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW004154.D

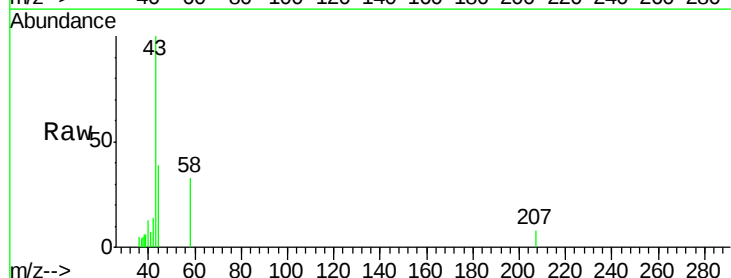
Acq: 24 Jul 2018 00:17

Tgt Ion: 43 Resp: 4306

Ion Ratio Lower Upper

43 100

58 33.3 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

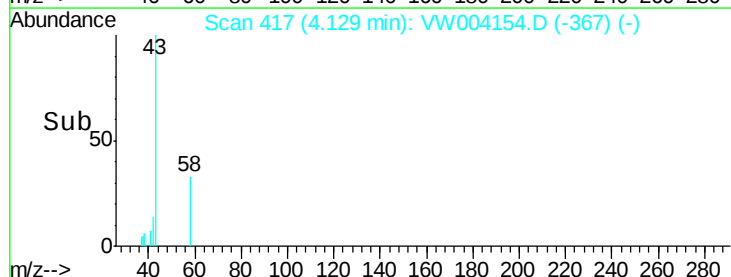
1500

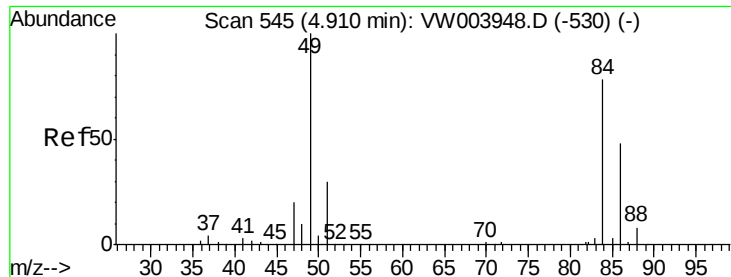
1000

500

0

Time-->

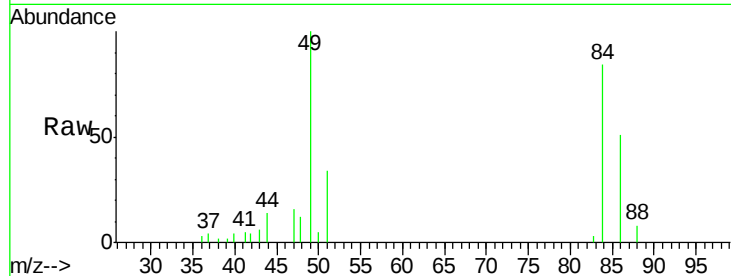




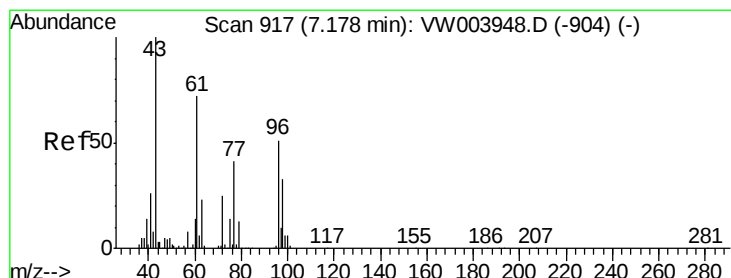
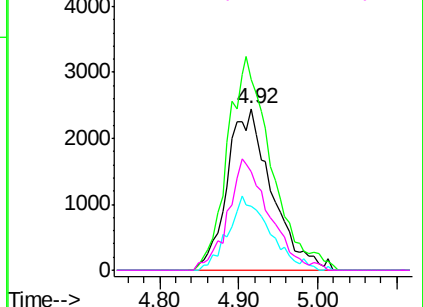
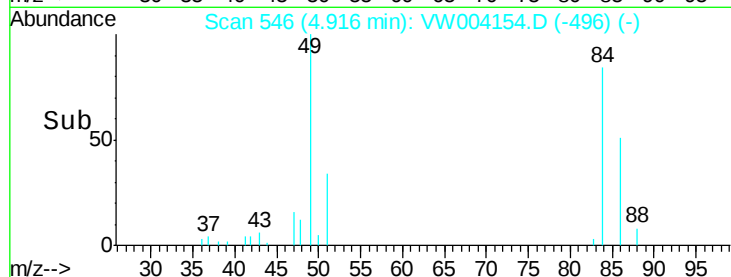
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW004154.D
Acq: 24 Jul 2018 00:17

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 84 Resp: 9581
Ion Ratio Lower Upper
84 100
49 118.4 102.9 154.3
51 39.8 30.9 46.3
86 60.8 49.9 74.9

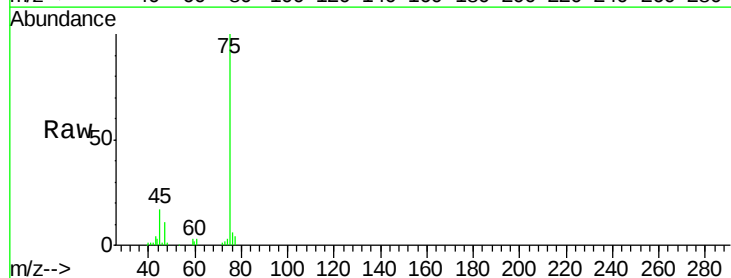


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

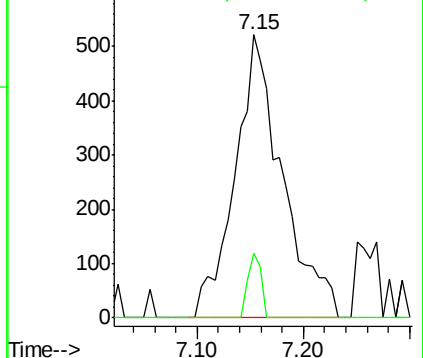
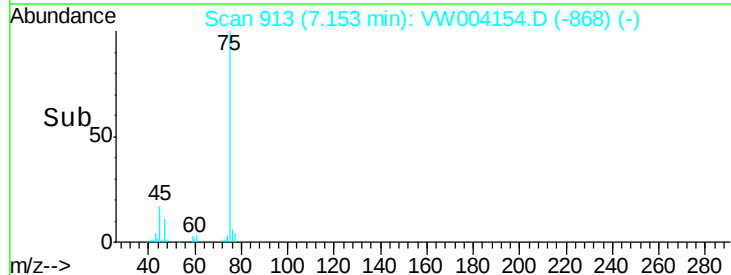


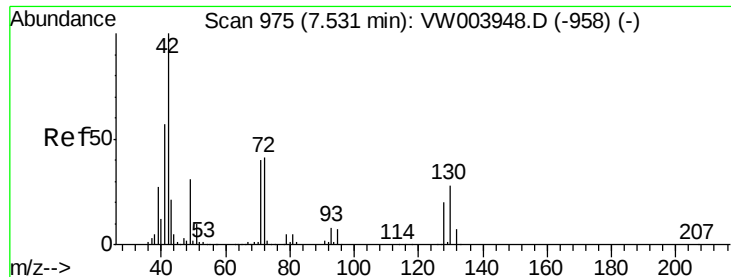
#25
2-Butanone
Concen: 2.112 ug/l
RT: 7.15 min Scan# 913
Delta R.T. -0.02 min
Lab File: VW004154.D
Acq: 24 Jul 2018 00:17

Tgt Ion: 43 Resp: 1627
Ion Ratio Lower Upper
43 100
72 22.8 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

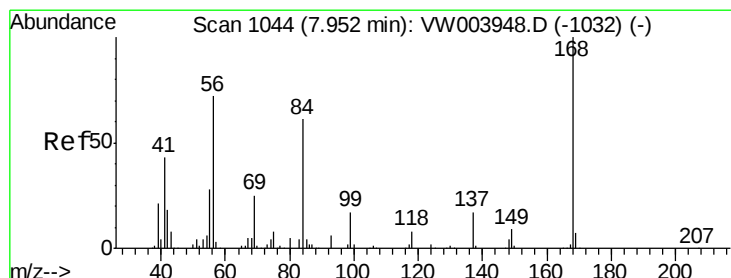
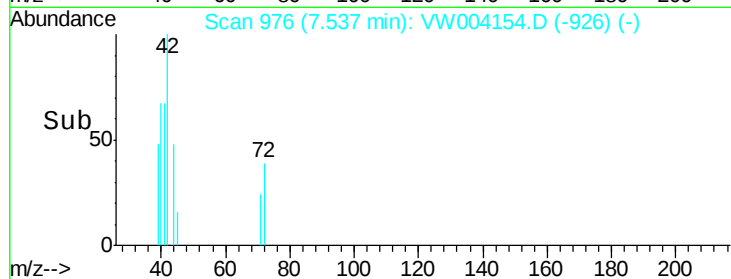
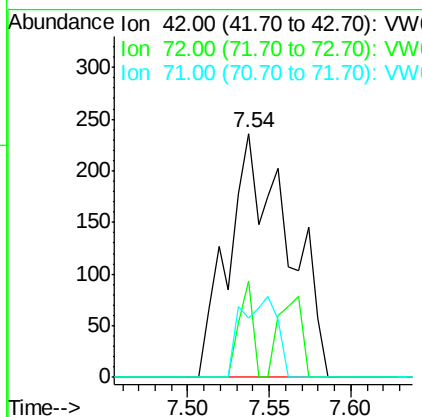
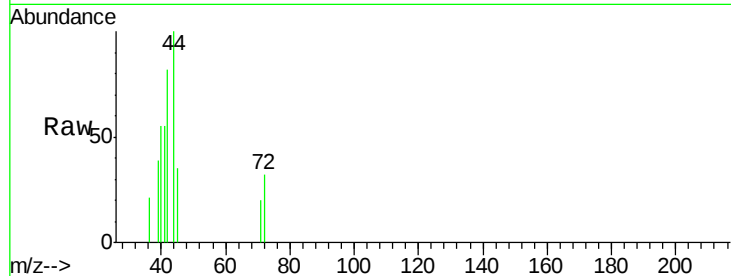




#29
Tetrahydrofuran
Concen: 1.244 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW004154.D
Acq: 24 Jul 2018 00:17

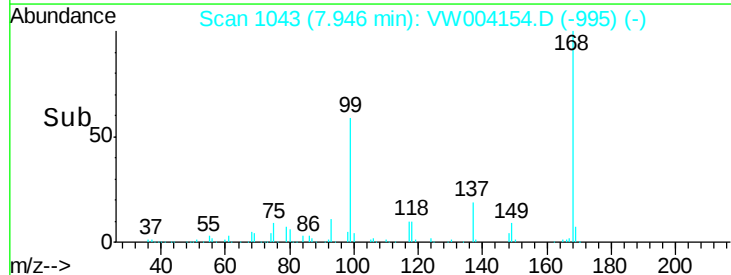
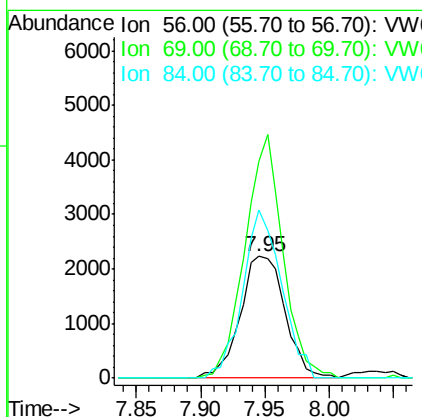
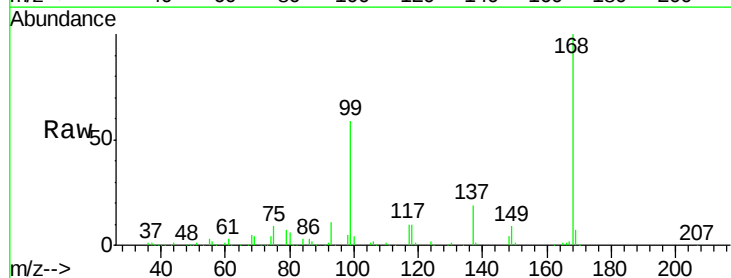
Instrument :
MSVOA_W
ClientSampleId :

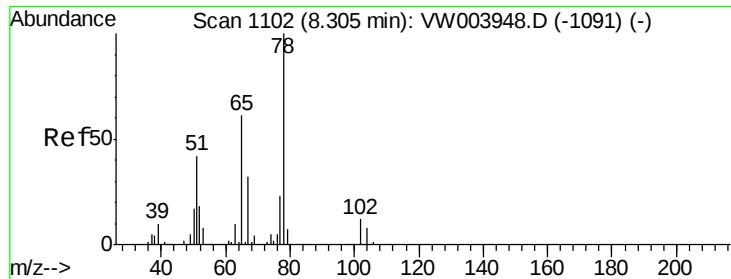
Tot Ion: 42 Resp: 597
Ion Ratio Lower Upper
42 100
72 8.9 32.6 48.8#
71 19.9 30.5 45.7#



#31
Cyclohexane
Concen: 1.363 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW004154.D
Acq: 24 Jul 2018 00:17

Tgt Ion: 56 Resp: 5385
Ion Ratio Lower Upper
56 100
69 178.7 27.8 41.8#
84 138.2 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 63.253 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW004154.D

Acq: 24 Jul 2018 00:17

Instrument :

MSVOA_W

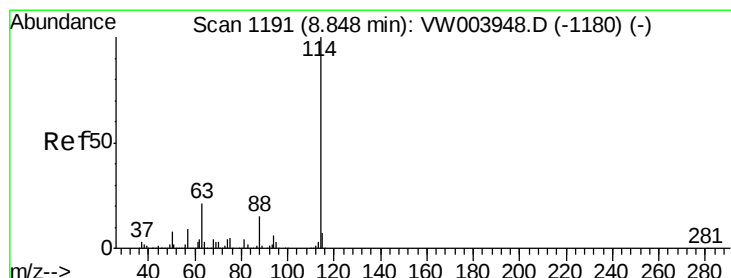
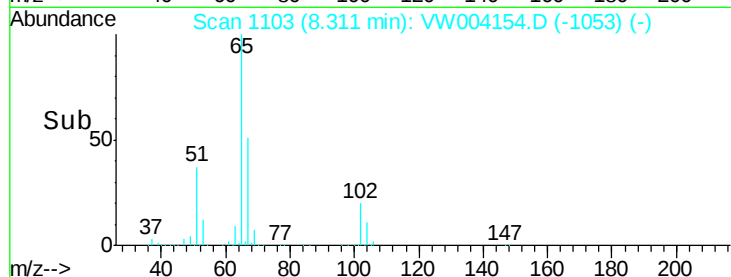
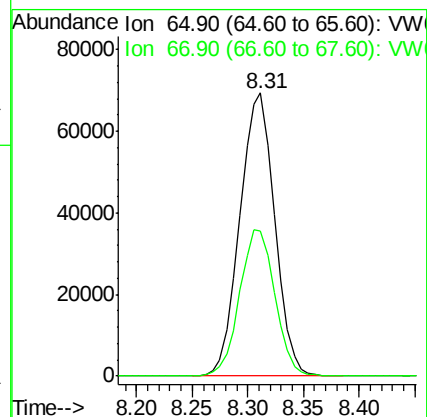
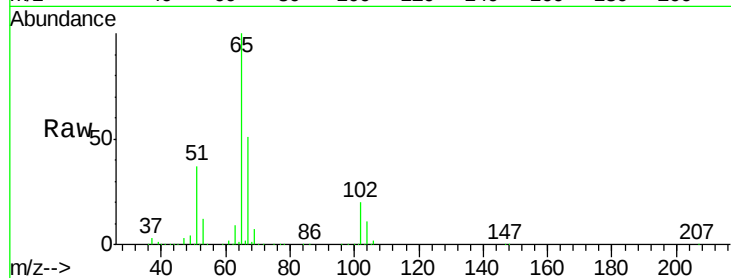
ClientSampleId :

Tot Ion: 65 Resp: 150677

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: VW004154.D

Acq: 24 Jul 2018 00:17

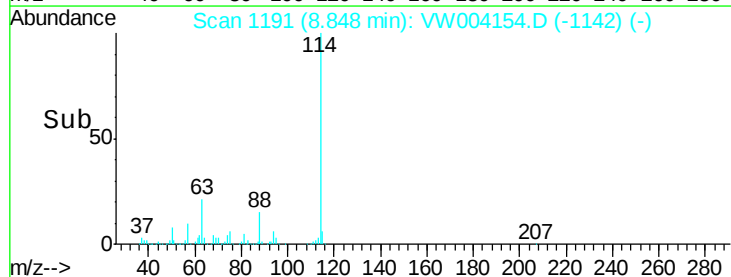
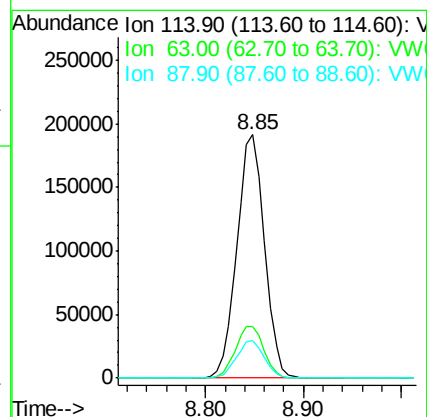
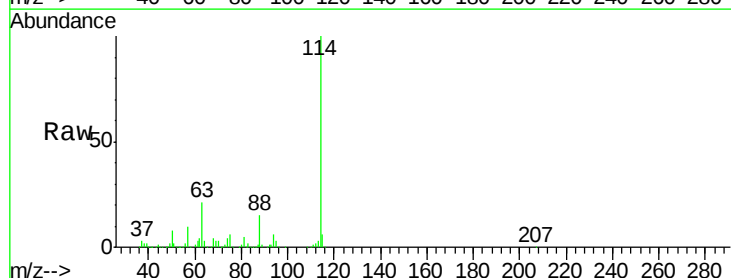
Tgt Ion: 114 Resp: 374203

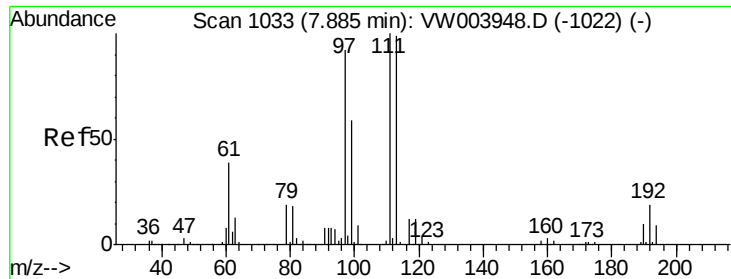
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.8

88 15.5 0.0 30.4

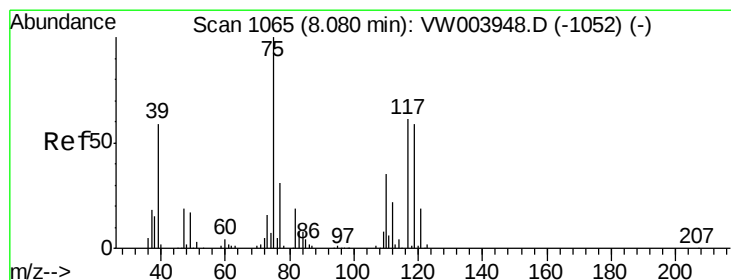
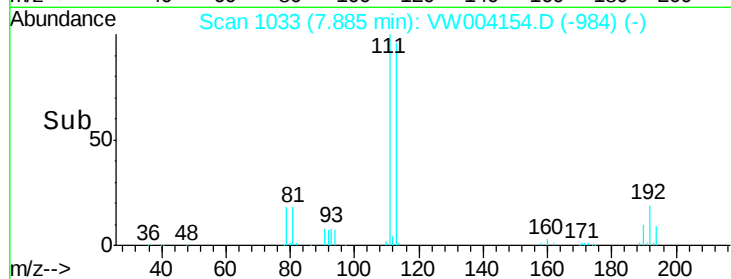
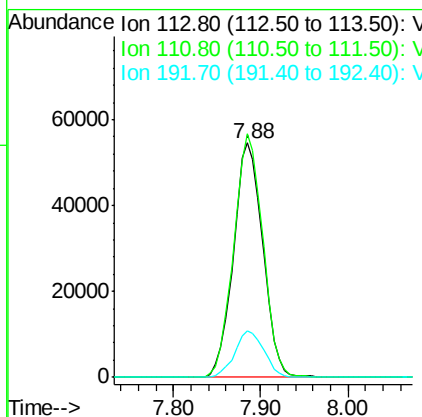
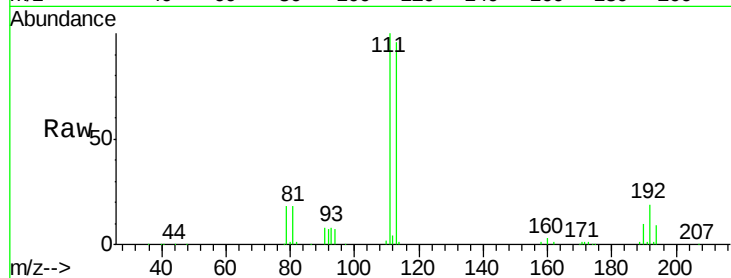




#35
 Dibromofluoromethane
 Concen: 53.023 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004154.D
 Acq: 24 Jul 2018 00:17

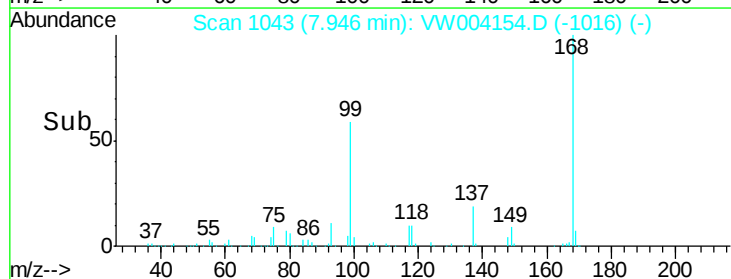
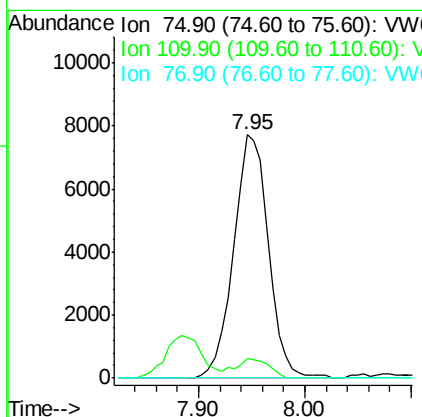
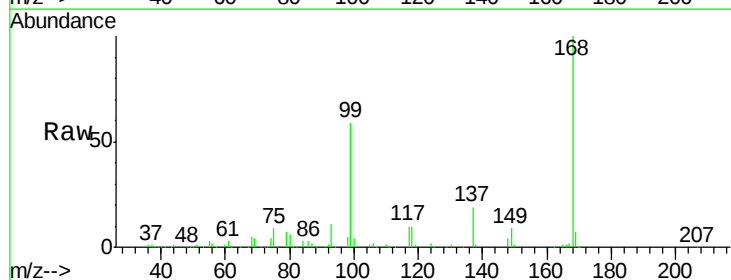
Instrument :
 MSVOA_W
 ClientSampleId :

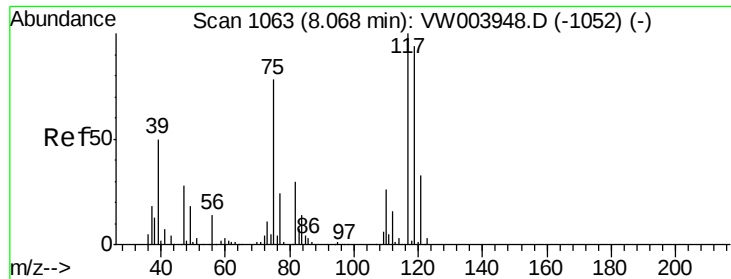
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.3	121.9
192	19.8	15.8	23.6



#36
 1,1-Dichloropropene
 Concen: 4.595 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW004154.D
 Acq: 24 Jul 2018 00:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.5	17.0	51.0#
77	0.0	24.9	37.3#

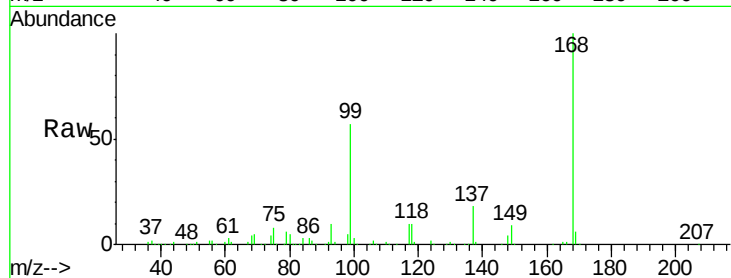




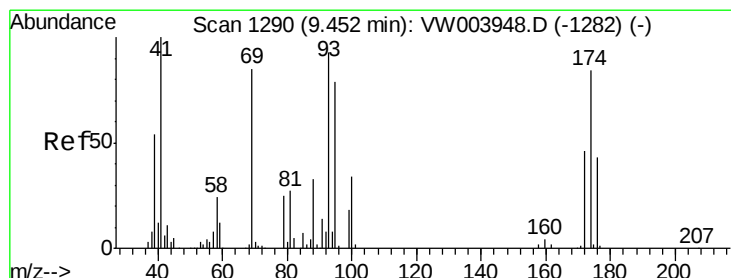
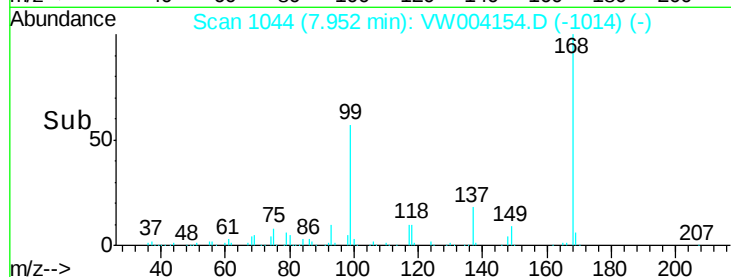
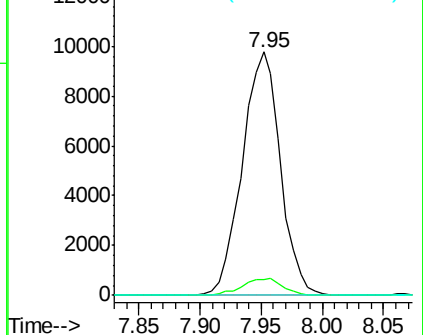
#38
Carbon Tetrachloride
Concen: 5.893 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW004154.D
Acq: 24 Jul 2018 00:17

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 21200
Ion Ratio Lower Upper
117 100
119 6.4 75.3 112.9#
121 0.0 26.0 39.0#

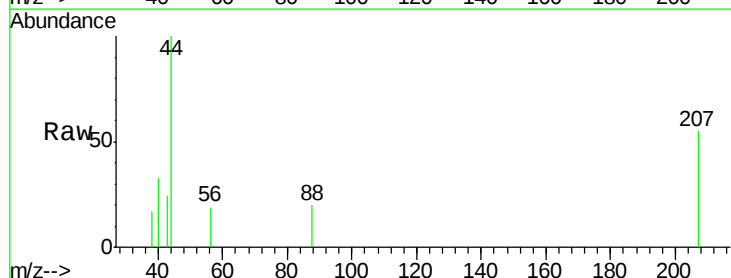


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

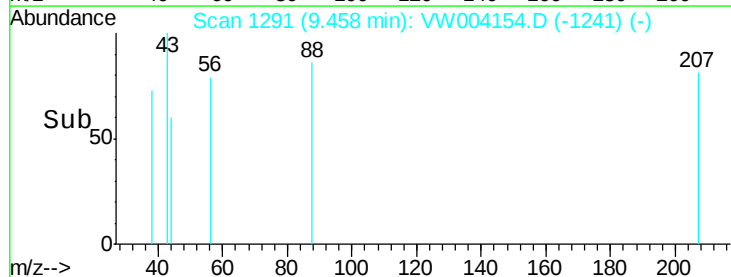
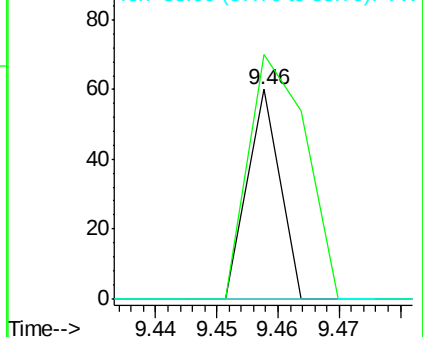


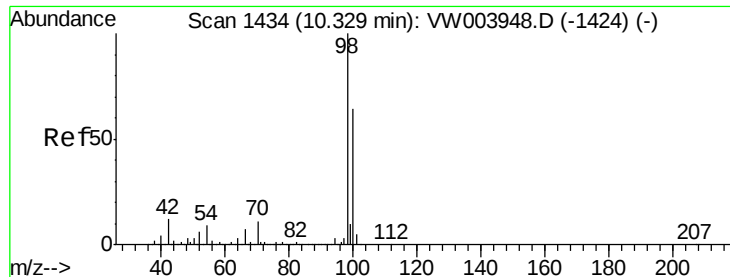
#49
1,4-Dioxane
Concen: 1.012 ug/l
RT: 9.46 min Scan# 1291
Delta R.T. 0.01 min
Lab File: VW004154.D
Acq: 24 Jul 2018 00:17

Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 204.5 27.3 40.9#
58 0.0 61.1 91.7#



Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 49.584 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004154.D

Acq: 24 Jul 2018 00:17

Instrument :

MSVOA_W

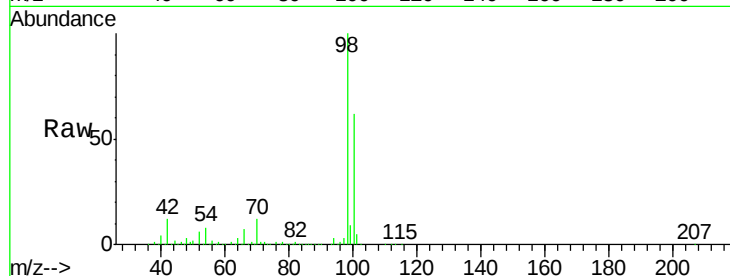
ClientSampled :

Tot Ion: 98 Resp: 461941

Ion Ratio Lower Upper

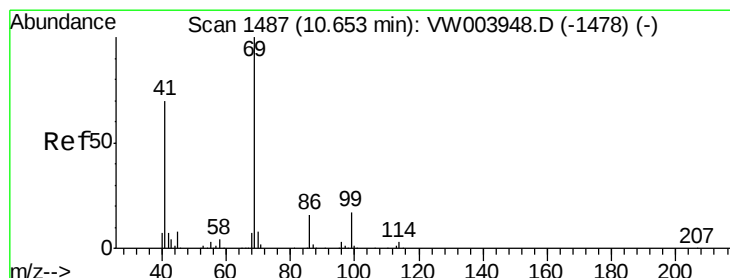
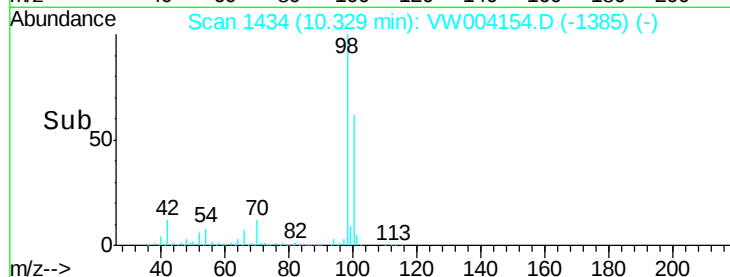
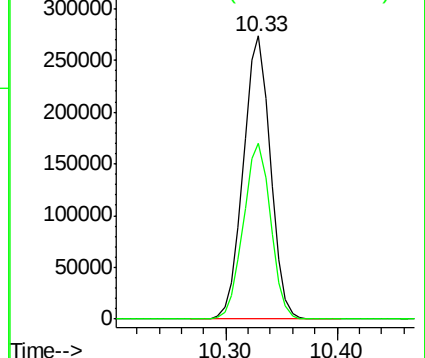
98 100

100 62.7 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: 2.961 ug/l

RT: 10.75 min Scan# 1503

Delta R.T. 0.10 min

Lab File: VW004154.D

Acq: 24 Jul 2018 00:17

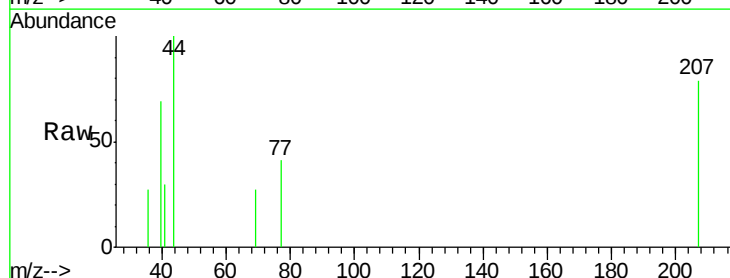
Tgt Ion: 69 Resp: 46

Ion Ratio Lower Upper

69 100

41 163.0 56.5 84.7#

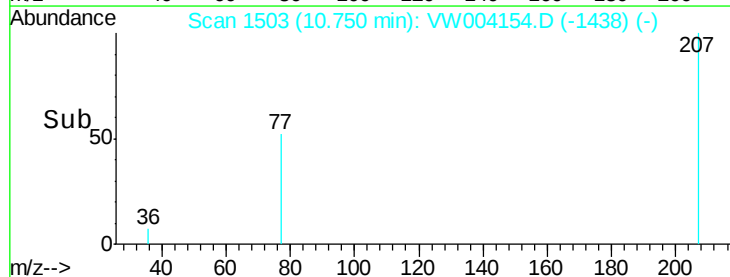
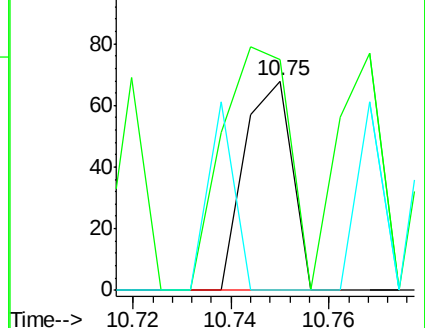
39 47.8 30.2 45.4#

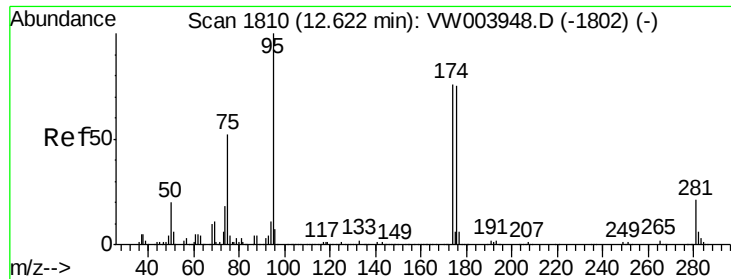


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

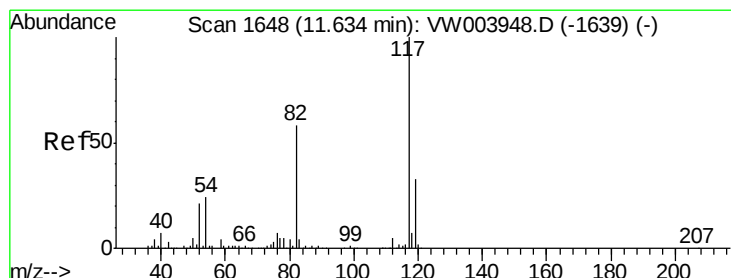
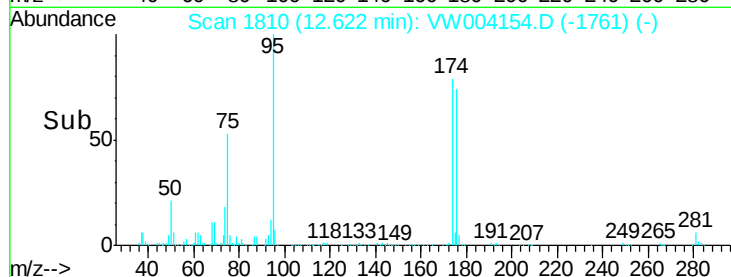
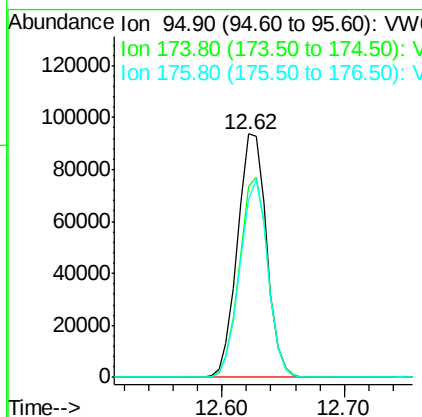
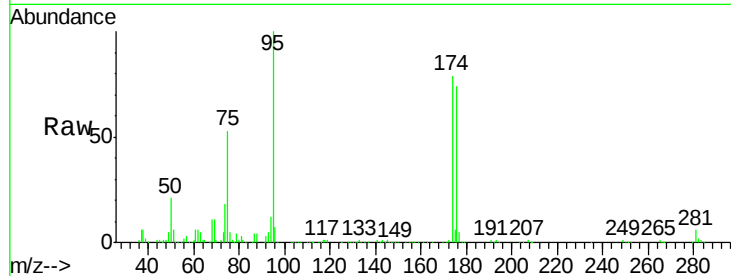




#62
4-Bromofluorobenzene
Concen: 45.838 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW004154.D
Acq: 24 Jul 2018 00:17

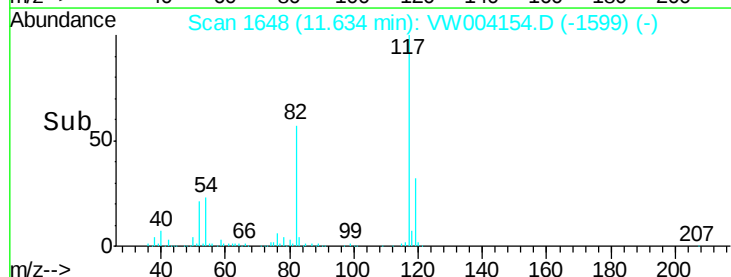
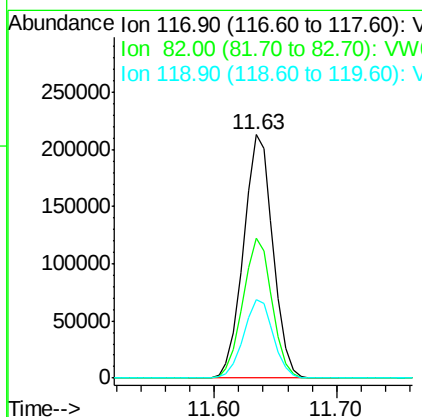
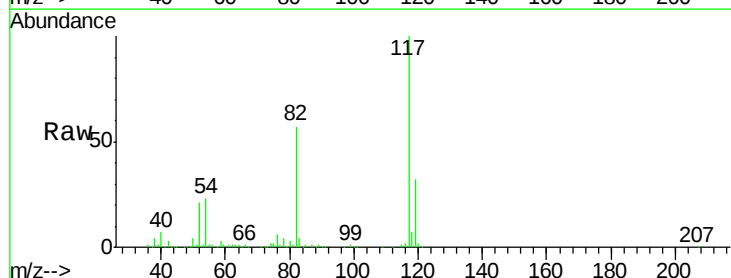
Instrument :
MSVOA_W
ClientSampleId :

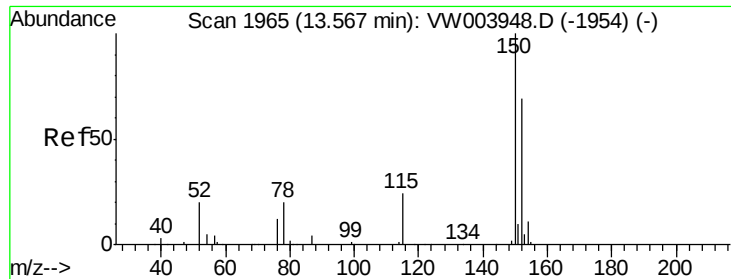
Tot Ion: 95 Resp: 153993
Ion Ratio Lower Upper
95 100
174 81.0 0.0 160.2
176 78.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004154.D
Acq: 24 Jul 2018 00:17

Tgt Ion: 117 Resp: 354553
Ion Ratio Lower Upper
117 100
82 57.3 46.5 69.7
119 32.5 26.2 39.2



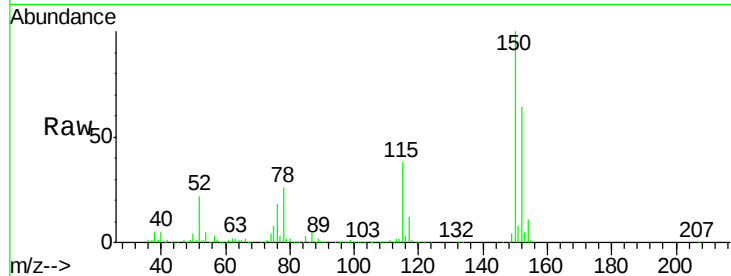


#72

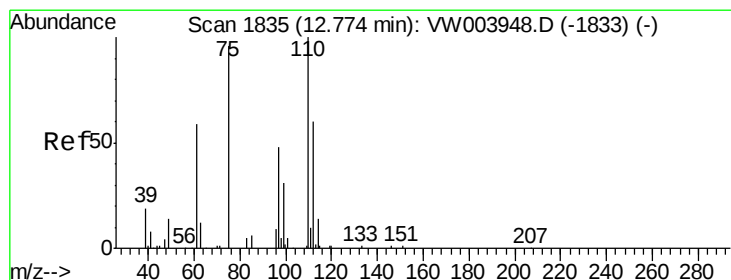
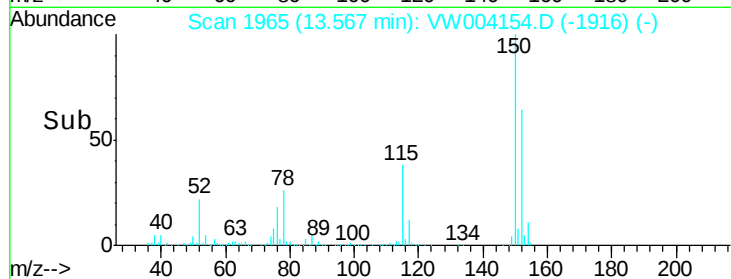
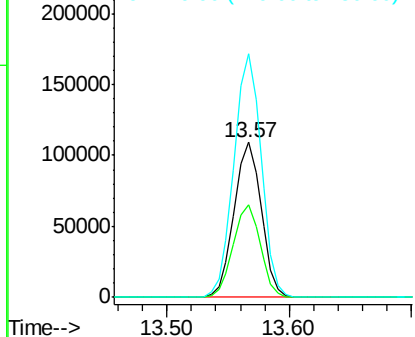
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004154.D
Acq: 24 Jul 2018 00:17

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:152 Resp: 167780
Ion Ratio Lower Upper
152 100
115 59.8 29.2 87.6
150 158.0 0.0 345.2



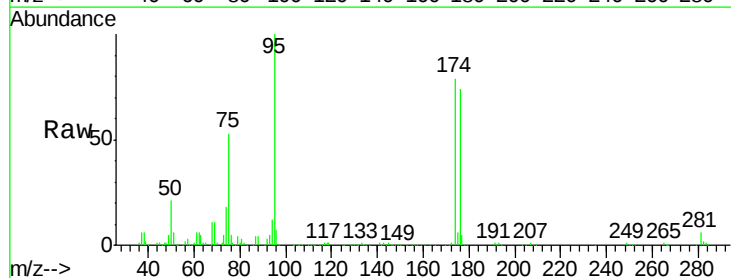
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



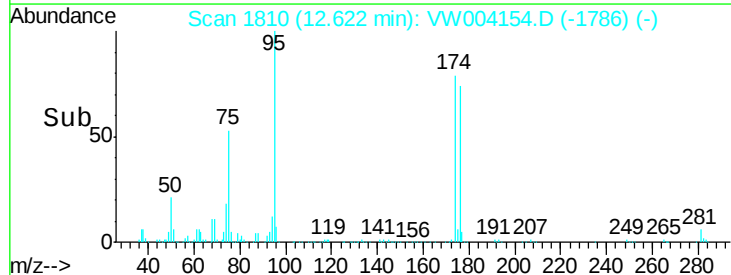
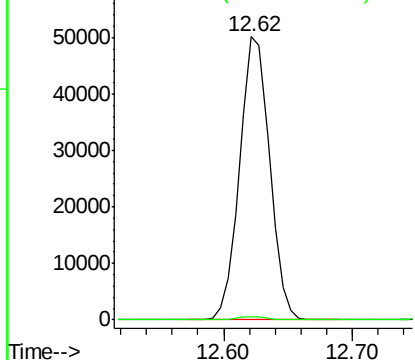
#76

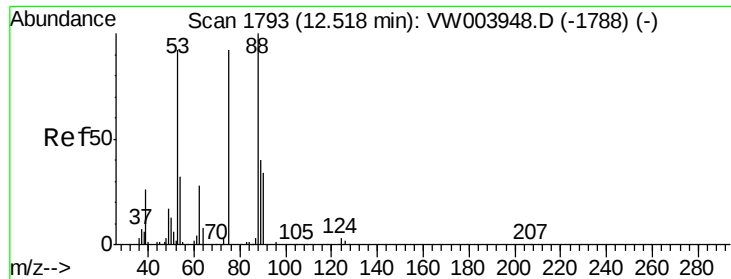
1,2,3-Trichloropropane
Concen: 48.423 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW004154.D
Acq: 24 Jul 2018 00:17

Tgt Ion: 75 Resp: 80657
Ion Ratio Lower Upper
75 100
77 1.3 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: 107.111 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW004154.D
 Acq: 24 Jul 2018 00:17

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 80657
 Ion Ratio Lower Upper
 75 100
 53 0.2 77.6 116.4#
 89 0.0 36.6 54.8#

