

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004341.D
 Acq On : 30 Jul 2018 05:01
 Operator : SY/AP
 Sample : J4189-07
 Misc : 6.43G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 30 06:59:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 30 02:37:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	133758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	213305	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	187221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	101354	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	72290	53.58	ug/l	0.00
Spiked Amount			Recovery	=	107.16%	
35) Dibromofluoromethane	7.88	113	68288	50.66	ug/l	0.00
Spiked Amount			Recovery	=	101.32%	
50) Toluene-d8	10.33	98	250881	47.09	ug/l	0.00
Spiked Amount			Recovery	=	94.18%	
62) 4-Bromofluorobenzene	12.63	95	83603	44.57	ug/l	0.00
Spiked Amount			Recovery	=	89.14%	

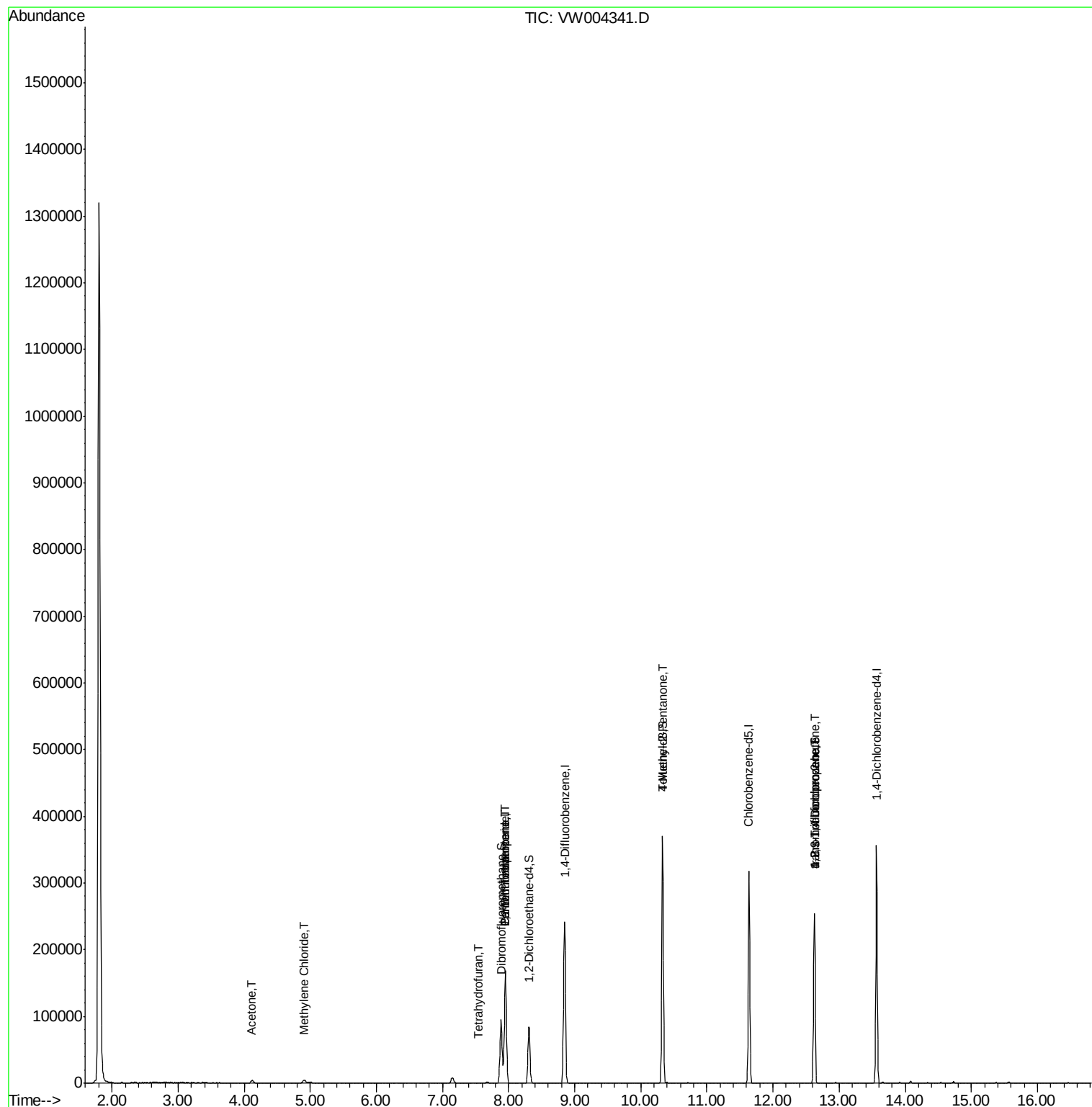
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	125	Below Cal	#	72
16) Acetone	4.12	43	7860	35.122	ug/l #	88
20) Methylene Chloride	4.90	84	4248	1.798	ug/l #	75
29) Tetrahydrofuran	7.55	42	149	3.230	ug/l #	35
36) 1,1-Dichloropropene	7.95	75	8768	4.109	ug/l #	50
38) Carbon Tetrachloride	7.95	117	11951	5.672	ug/l #	15
51) 4-Methyl-2-Pentanone	10.32	43	919	1.063	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	41302	44.650	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	41302	103.896	ug/l #	11

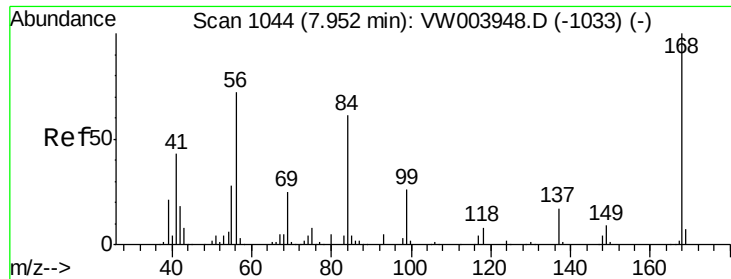
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jul 30 02:37:04 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: VW004341.D

Acq: 30 Jul 2018 05:01

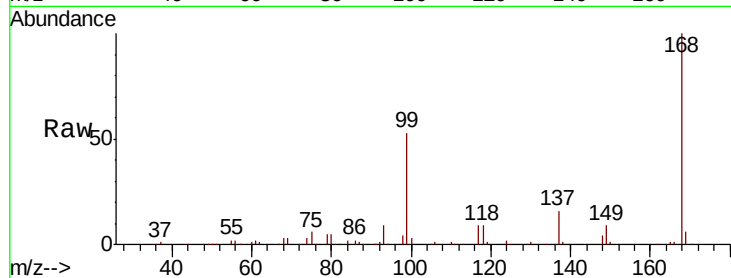
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 133758

Ion Ratio Lower Upper

168 100

99 52.5 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

60000

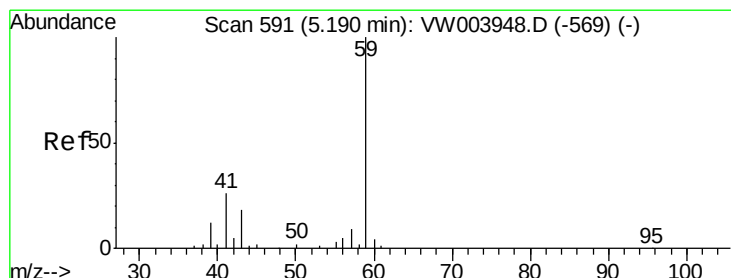
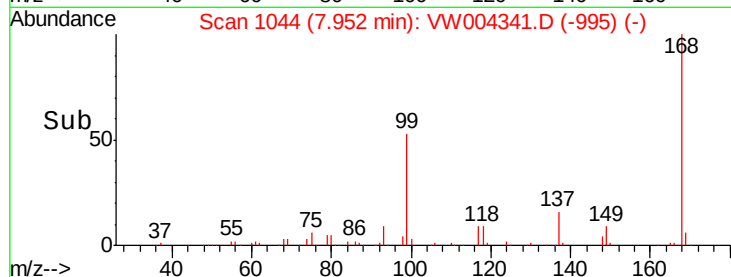
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.17 min Scan# 588

Delta R.T. 0.00 min

Lab File: VW004341.D

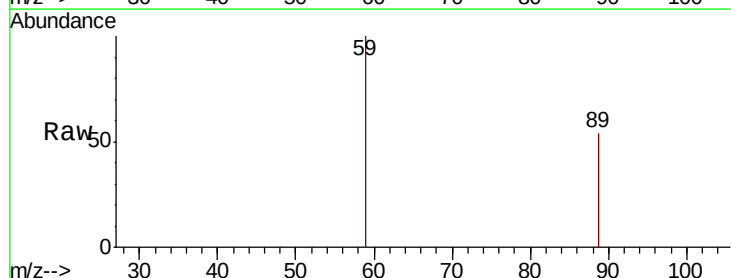
Acq: 30 Jul 2018 05:01

Tgt Ion: 59 Resp: 125

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

150

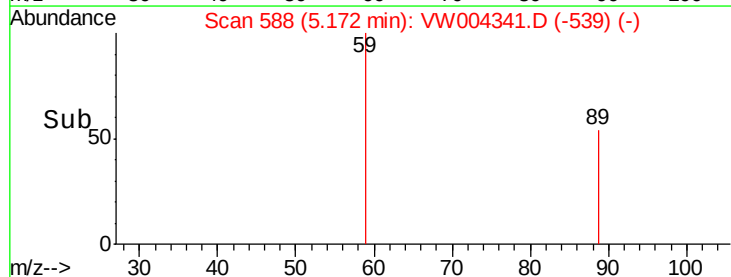
100

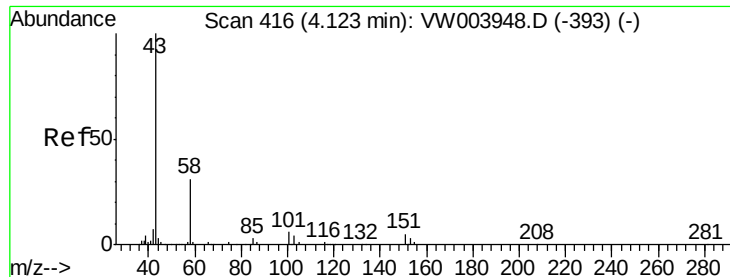
50

0

5.14 5.16 5.18 5.20

Time-->

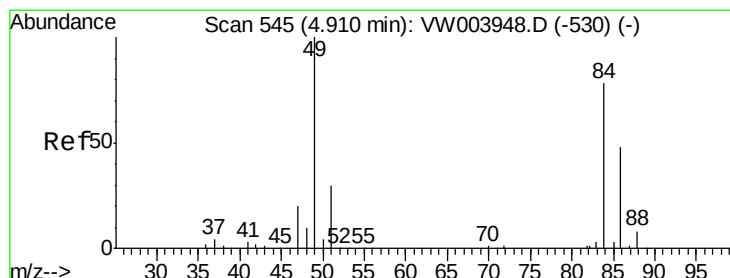
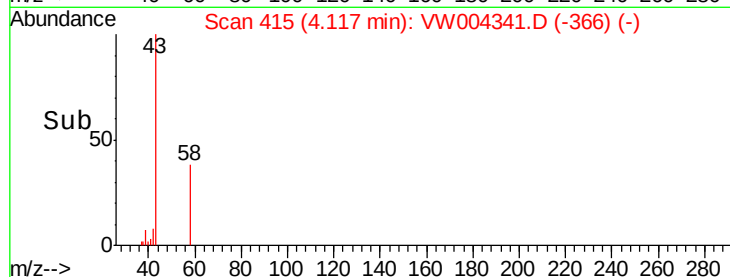
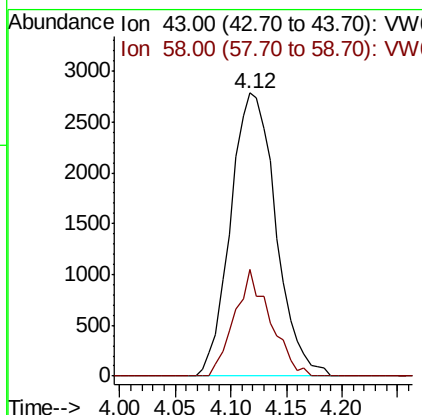
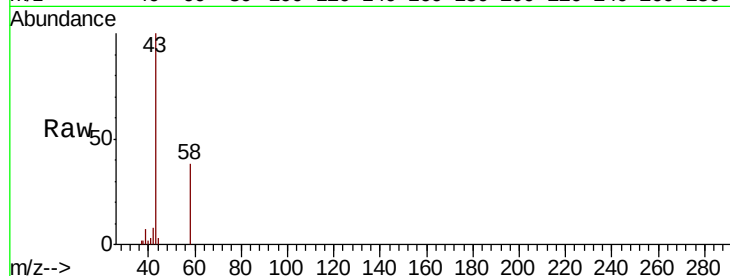




#16
Acetone
Concen: 35.122 ug/l
RT: 4.12 min Scan# 415
Delta R.T. 0.00 min
Lab File: VW004341.D
Acq: 30 Jul 2018 05:01

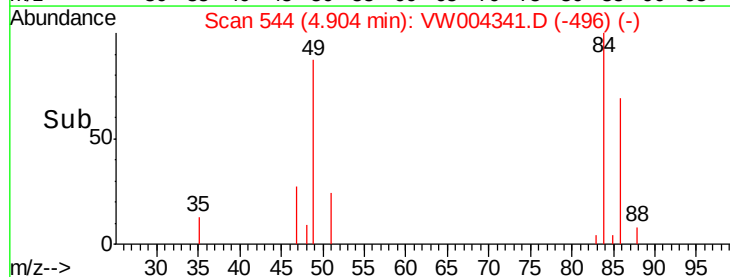
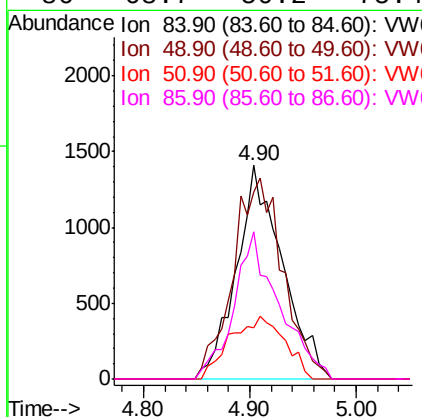
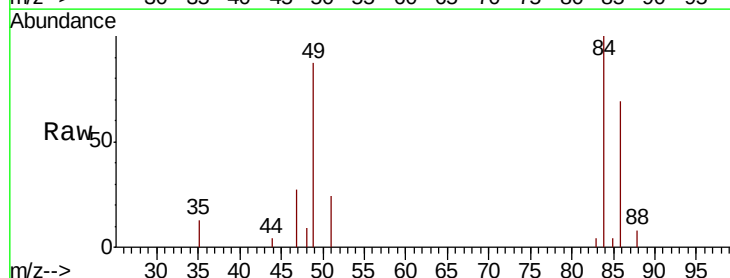
Instrument :
MSVOA_W
ClientSampleId :

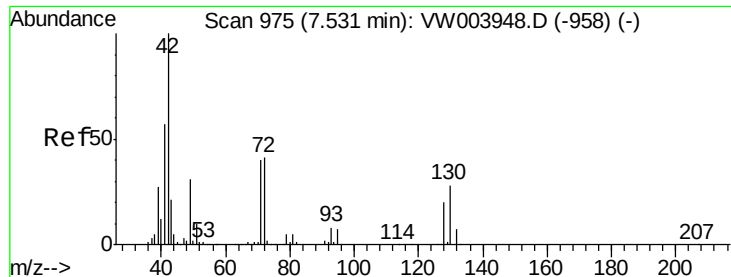
Tot Ion: 43 Resp: 7860
Ion Ratio Lower Upper
43 100
58 37.6 24.8 37.2#



#20
Methylene Chloride
Concen: 1.798 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW004341.D
Acq: 30 Jul 2018 05:01

Tgt Ion: 84 Resp: 4248
Ion Ratio Lower Upper
84 100
49 87.4 100.5 150.7#
51 23.8 30.9 46.3#
86 68.7 50.2 75.4

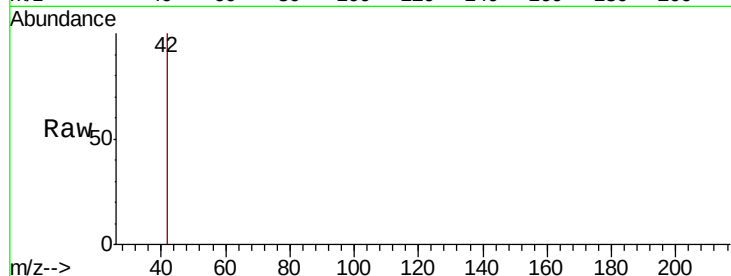




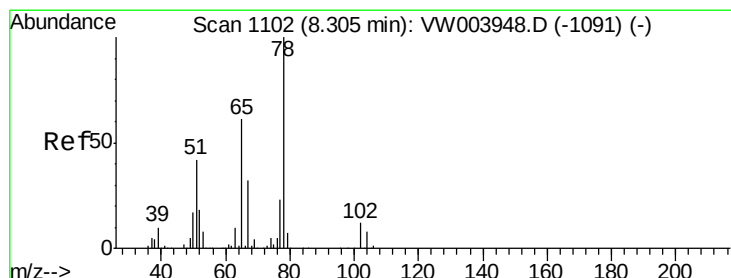
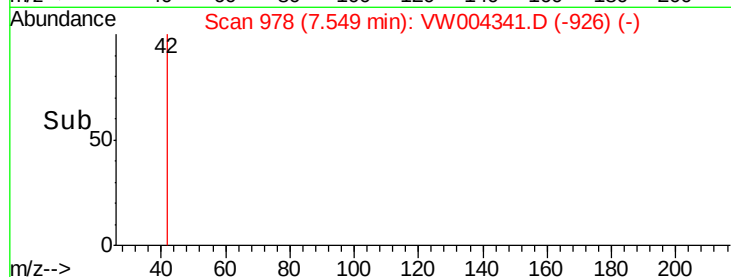
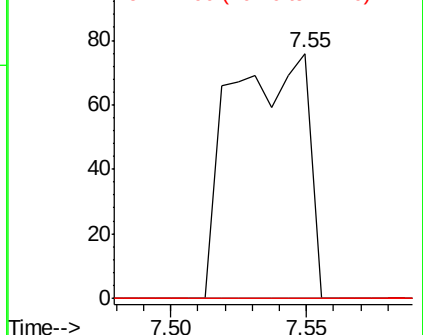
#29
Tetrahydrofuran
Concen: 3.230 ug/l
RT: 7.55 min Scan# 978
Delta R.T. 0.02 min
Lab File: VW004341.D
Acq: 30 Jul 2018 05:01

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 42 Resp: 149
Ion Ratio Lower Upper
42 100
72 0.0 32.6 48.8#
71 0.0 31.3 46.9#

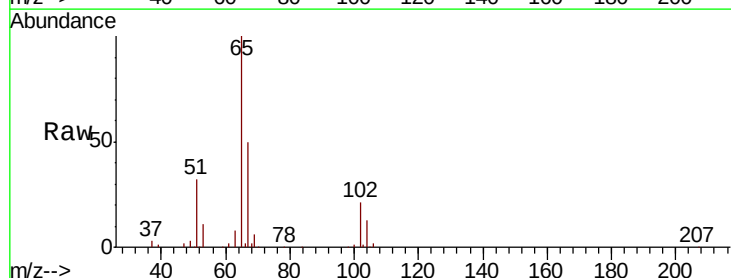


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

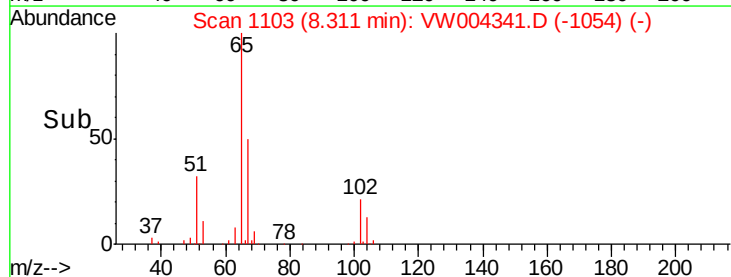
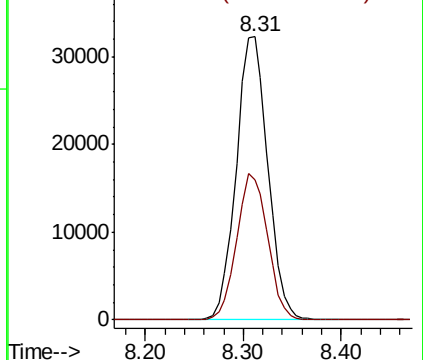


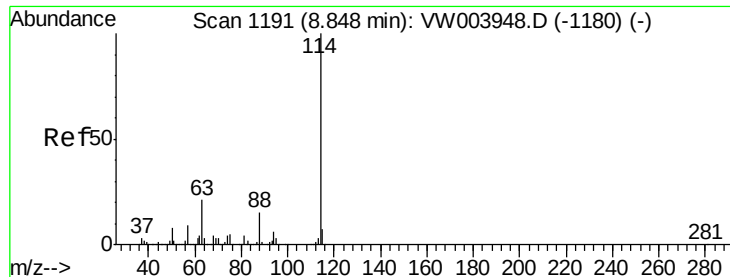
#33
1,2-Dichloroethane-d4
Concen: 53.578 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW004341.D
Acq: 30 Jul 2018 05:01

Tgt Ion: 65 Resp: 72290
Ion Ratio Lower Upper
65 100
67 50.4 0.0 106.4



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

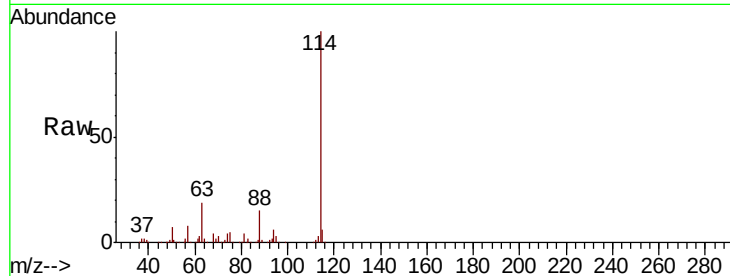




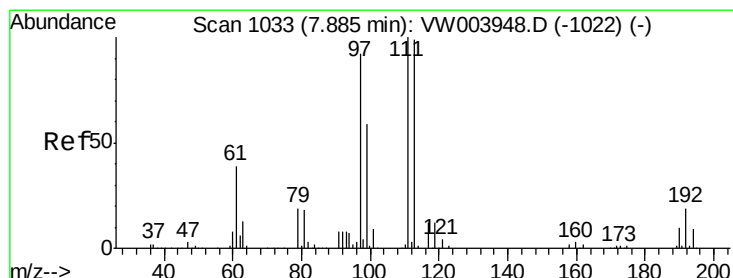
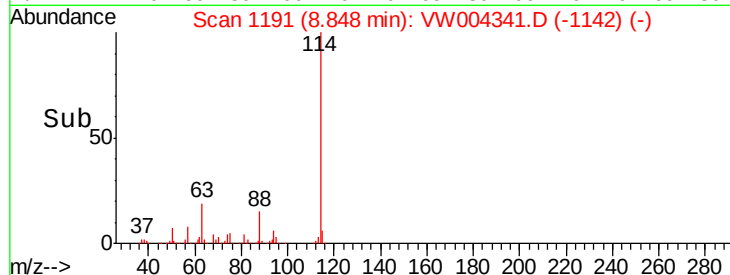
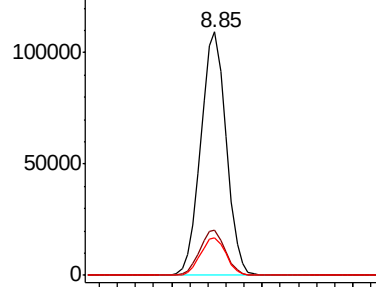
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004341.D
 Acq: 30 Jul 2018 05:01

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	41.4
88	15.2	0.0	30.6

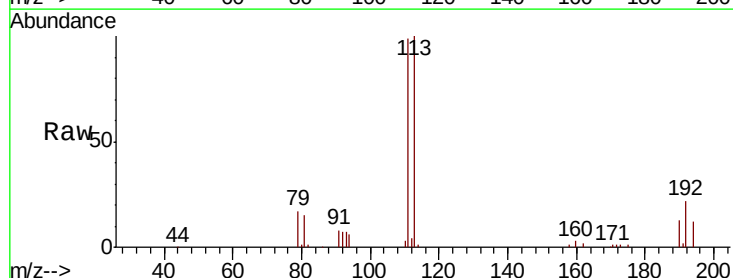


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

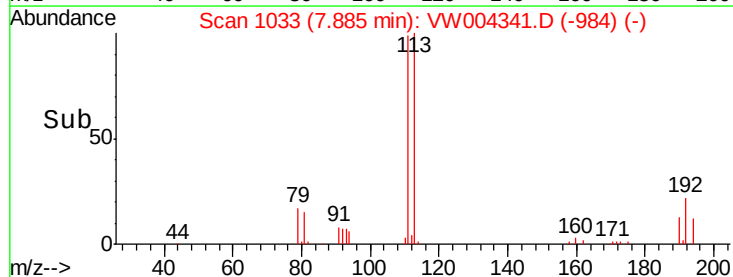
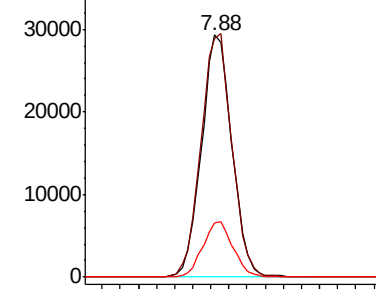


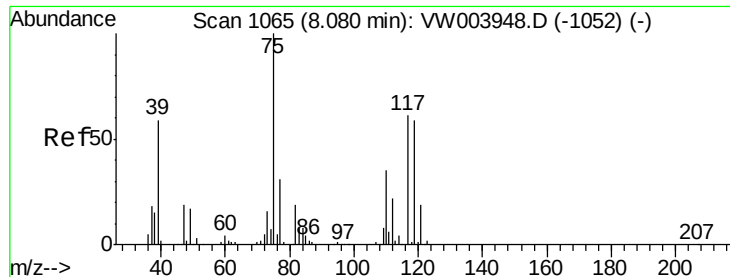
#35
 Dibromofluoromethane
 Concen: 50.659 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004341.D
 Acq: 30 Jul 2018 05:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.1	123.1
192	22.6	16.2	24.4



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

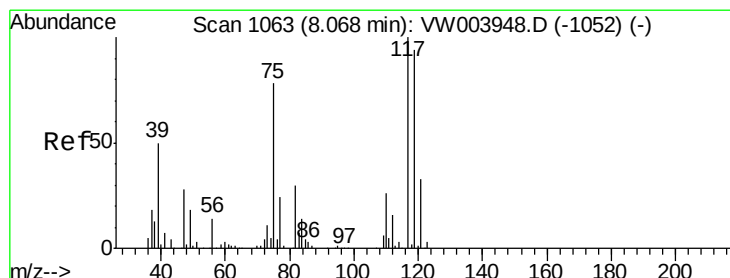
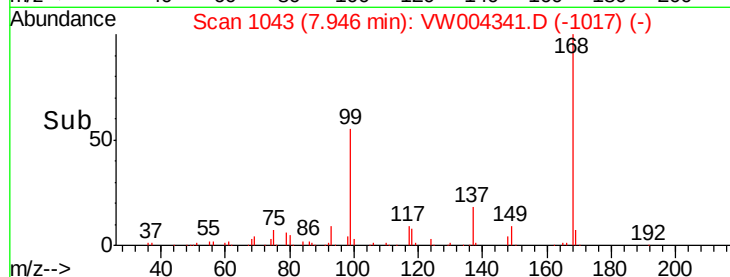
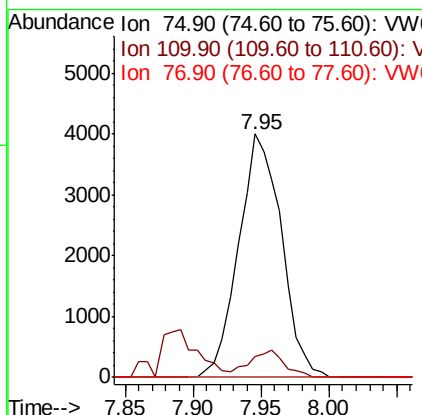
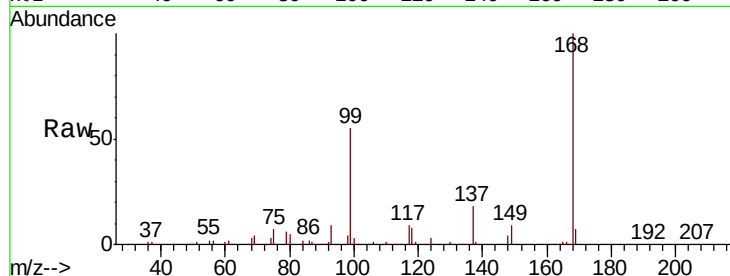




#36
 1,1-Dichloropropene
 Concen: 4.109 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.14 min
 Lab File: VW004341.D
 Acq: 30 Jul 2018 05:01

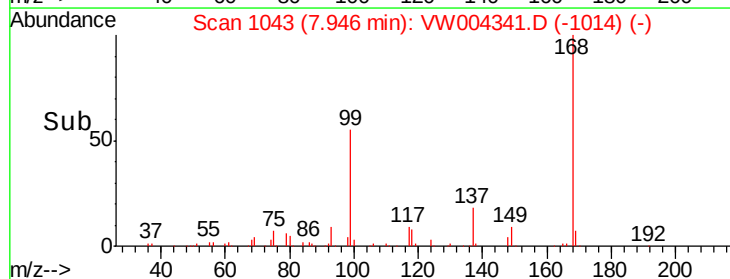
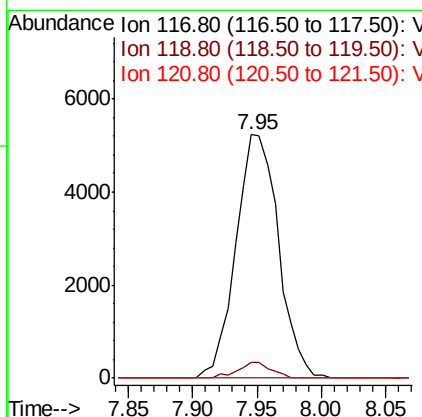
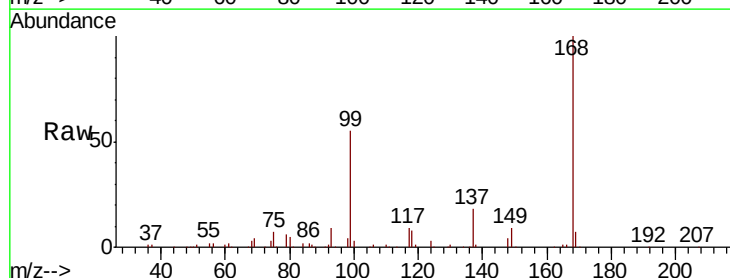
Instrument :
 MSVOA_W
 ClientSampled :

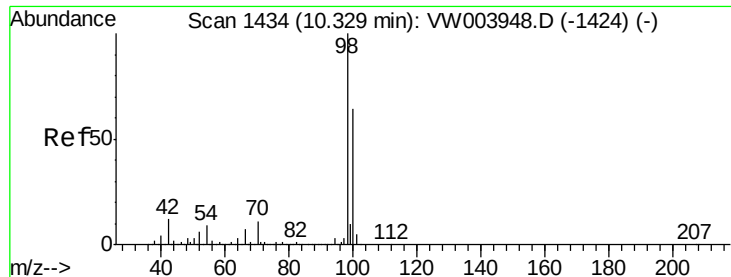
Tot Ion	75	Resp	8768
Ion Ratio	100	Lower	Upper
75	100		
110	9.1	17.3	52.0#
77	0.0	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 5.672 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.12 min
 Lab File: VW004341.D
 Acq: 30 Jul 2018 05:01

Tgt Ion	117	Resp	11951
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	6.6	79.7	119.5#
121	0.0	25.7	38.5#





#50

Toluene-d8

Concen: 47.092 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004341.D

Acq: 30 Jul 2018 05:01

Instrument :

MSVOA_W

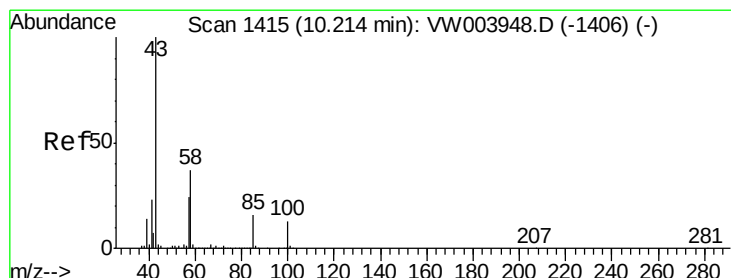
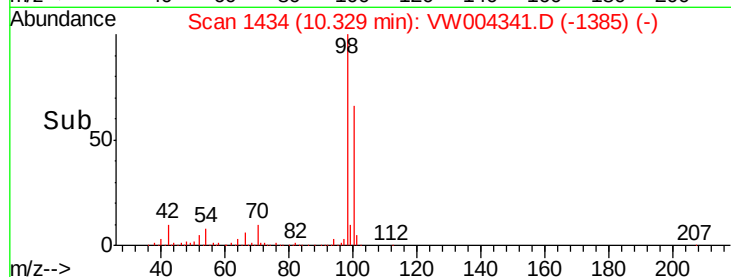
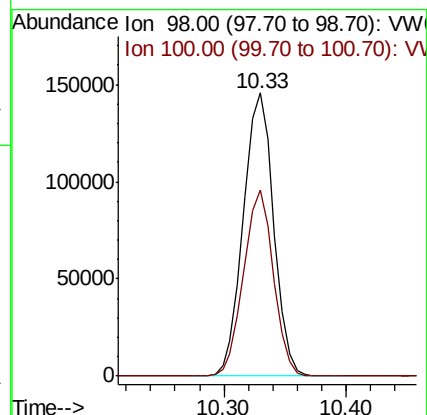
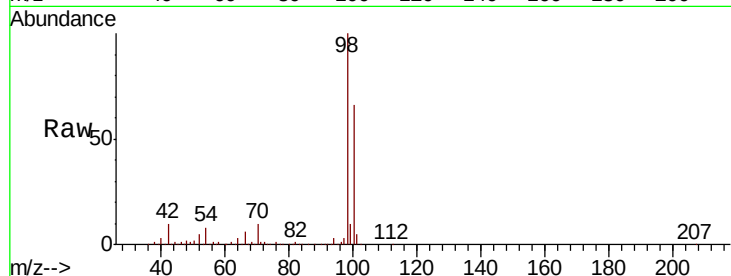
ClientSampleId :

Tot Ion: 98 Resp: 250881

Ion Ratio Lower Upper

98 100

100 64.6 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 1.063 ug/l

RT: 10.32 min Scan# 1433

Delta R.T. 0.11 min

Lab File: VW004341.D

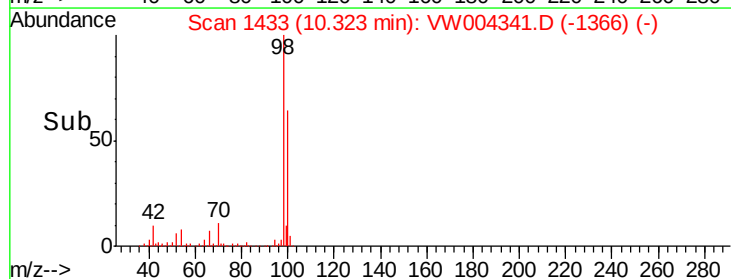
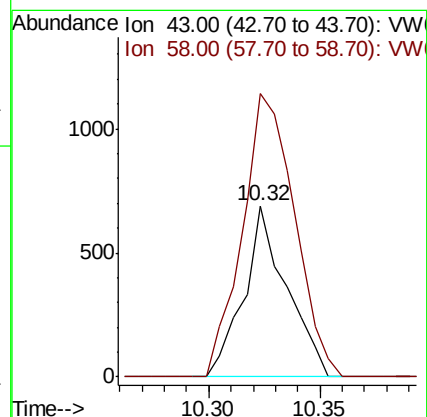
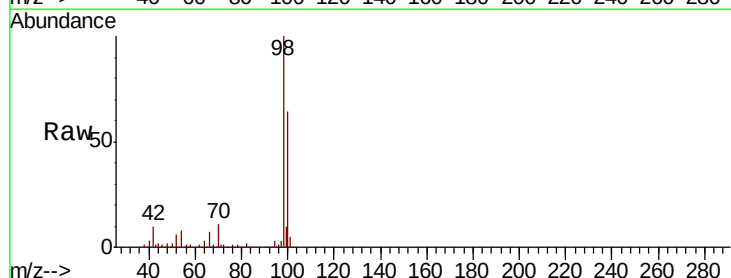
Acq: 30 Jul 2018 05:01

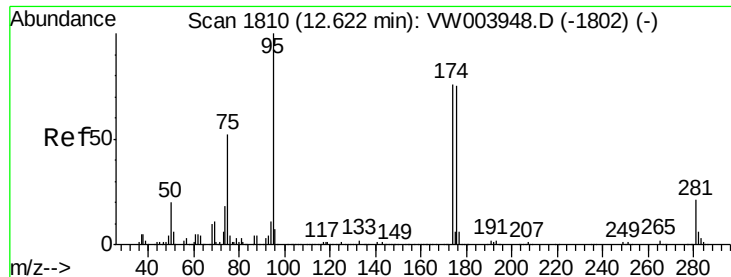
Tgt Ion: 43 Resp: 919

Ion Ratio Lower Upper

43 100

58 203.2 30.6 45.8#

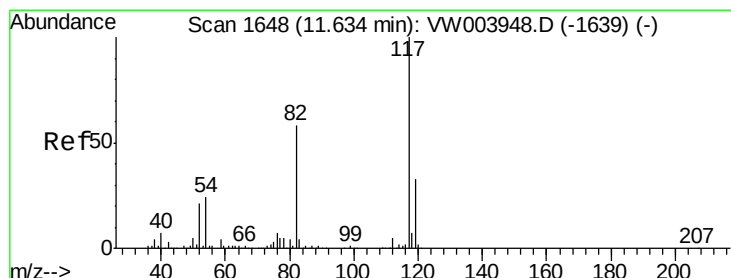
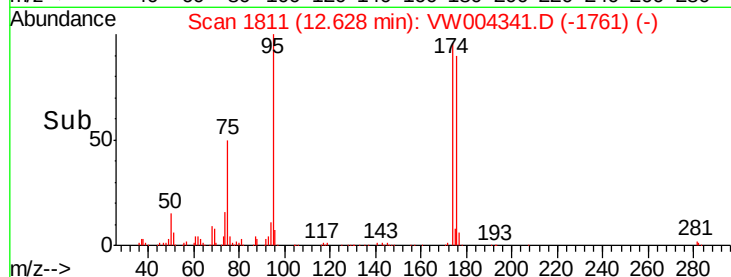
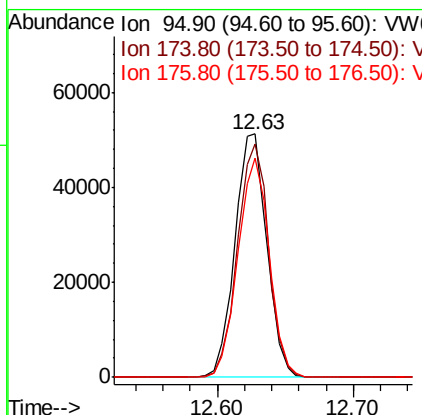
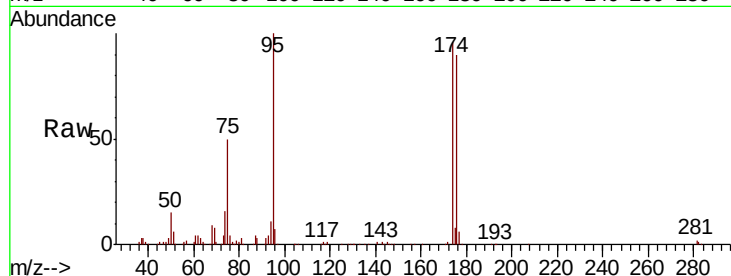




#62
4-Bromofluorobenzene
Concen: 44.570 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW004341.D
Acq: 30 Jul 2018 05:01

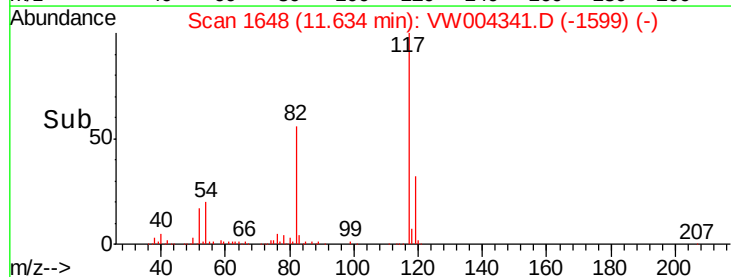
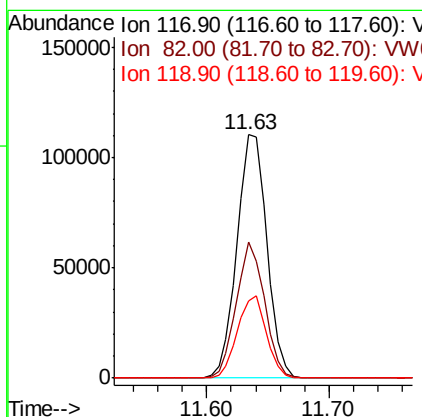
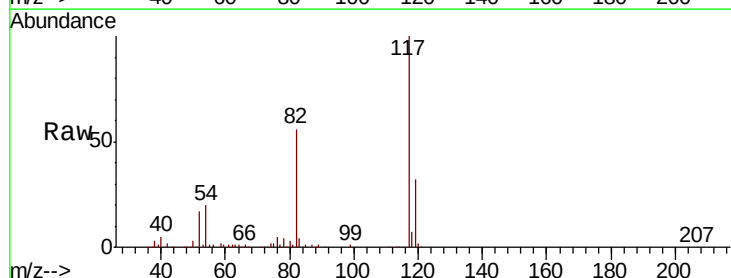
Instrument :
MSVOA_W
ClientSampleId :

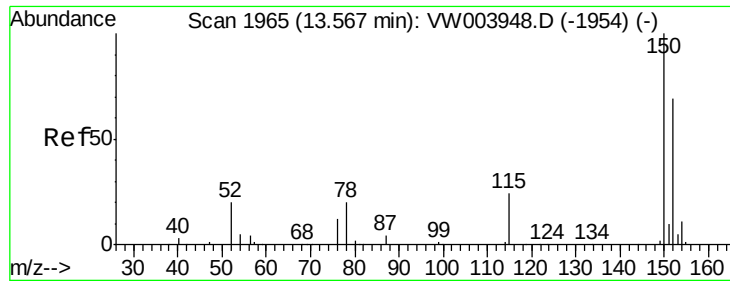
Tot Ion: 95 Resp: 83603
Ion Ratio Lower Upper
95 100
174 93.5 0.0 167.8
176 88.8 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004341.D
Acq: 30 Jul 2018 05:01

Tgt Ion: 117 Resp: 187221
Ion Ratio Lower Upper
117 100
82 55.9 47.9 71.9
119 31.9 27.1 40.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW004341.D

Acq: 30 Jul 2018 05:01

Instrument :

MSVOA_W

ClientSampleId :

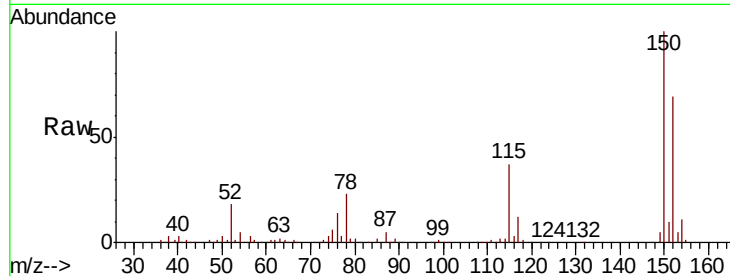
Tot Ion:152 Resp: 101354

Ion Ratio Lower Upper

152 100

115 54.4 28.8 86.4

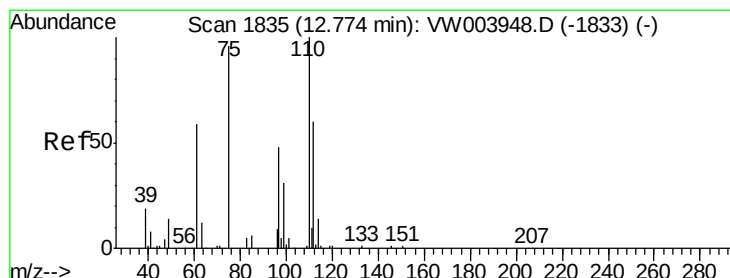
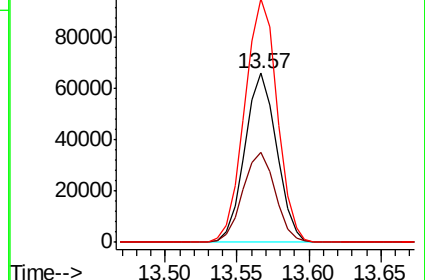
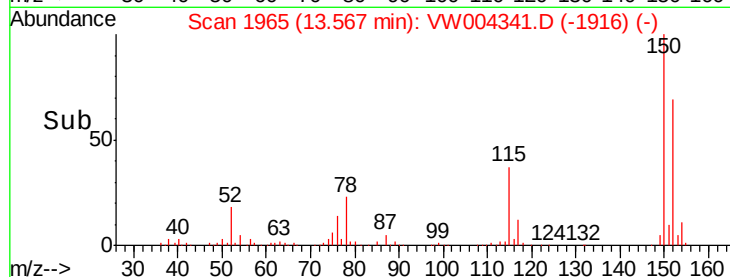
150 147.3 0.0 346.4



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: 44.650 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004341.D

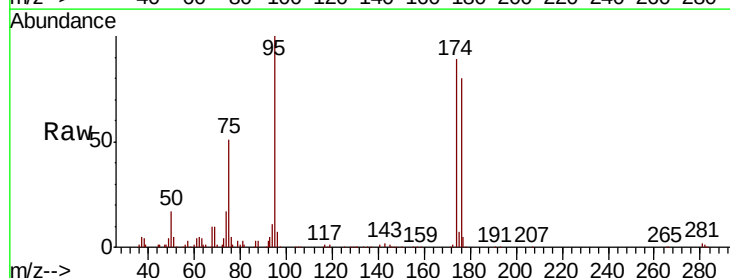
Acq: 30 Jul 2018 05:01

Tgt Ion: 75 Resp: 41302

Ion Ratio Lower Upper

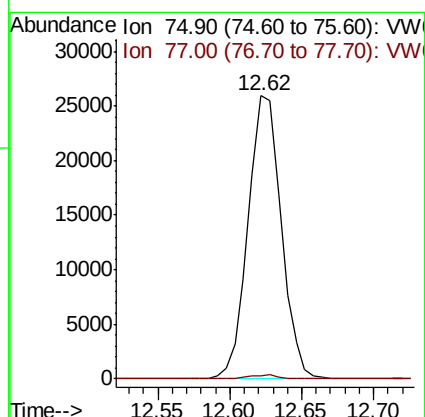
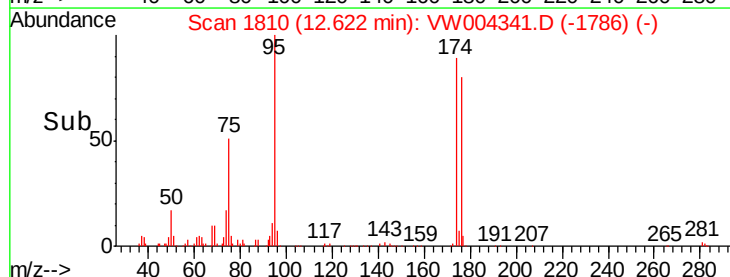
75 100

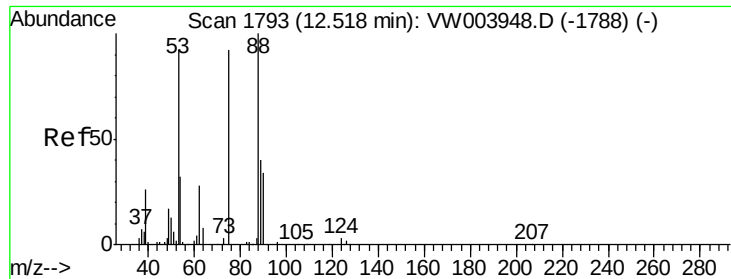
77 1.2 0.0 0.0#



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: 103.896 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004341.D

Acq: 30 Jul 2018 05:01

Instrument :

MSVOA_W

ClientSampleId :

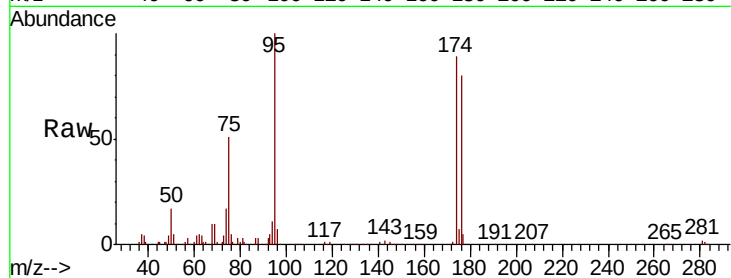
Tot Ion: 75 Resp: 41302

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.0 36.0 54.0#



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

