

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004343.D
 Acq On : 30 Jul 2018 05:52
 Operator : SY/AP
 Sample : J4189-15
 Misc : 5.87G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 30 07:00:17 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	112478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	158917	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	126027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	53353	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	58654	51.70	ug/l	0.00
Spiked Amount			Recovery	=	103.40%	
35) Dibromofluoromethane	7.88	113	52443	52.22	ug/l	0.00
Spiked Amount			Recovery	=	104.44%	
50) Toluene-d8	10.33	98	173711	43.77	ug/l	0.00
Spiked Amount			Recovery	=	87.54%	
62) 4-Bromofluorobenzene	12.62	95	50313	36.00	ug/l	0.00
Spiked Amount			Recovery	=	72.00%	

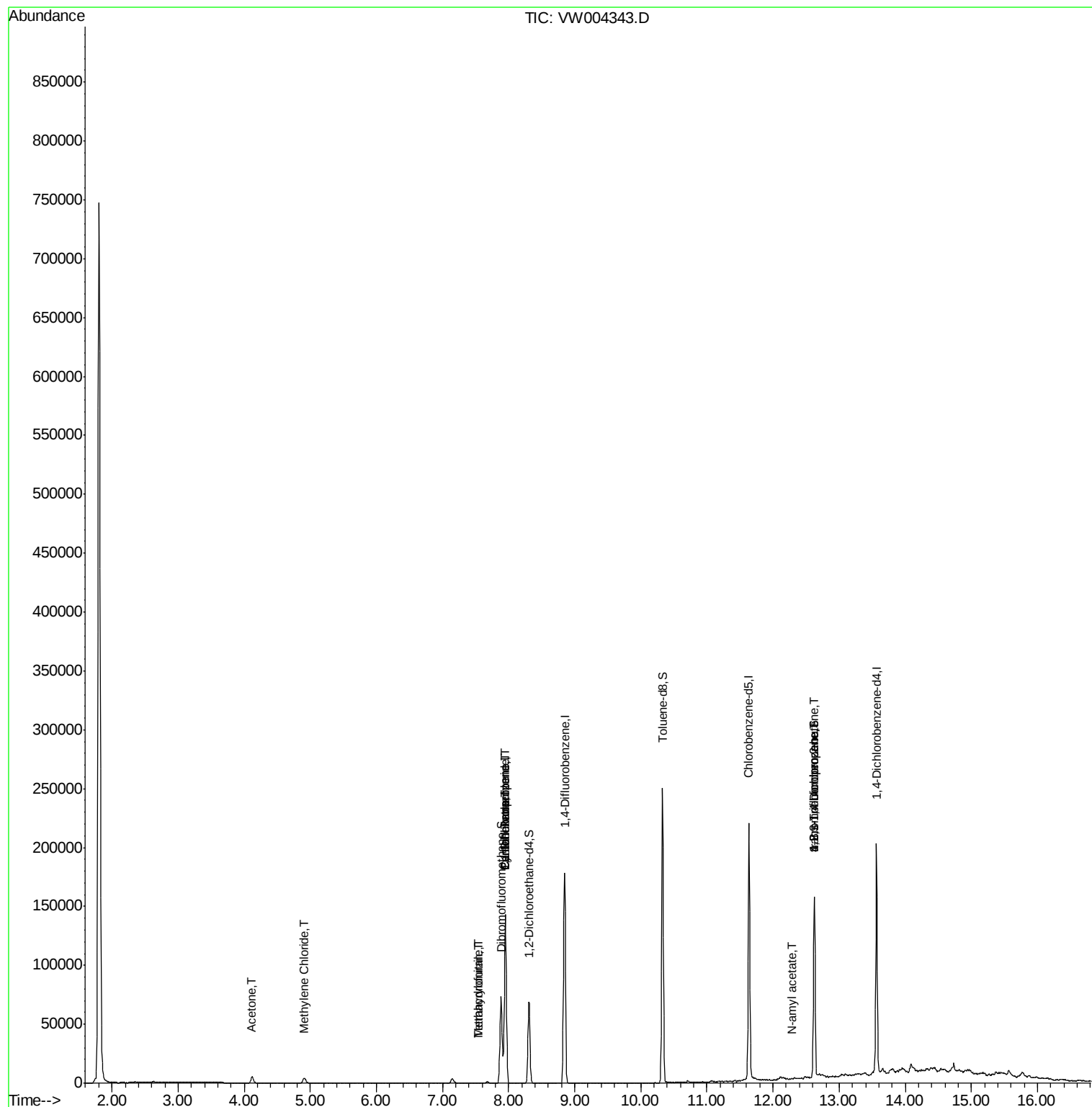
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.36	50	20	Below Cal	#	44
11) Tert butyl alcohol	5.18	59	23	Below Cal	#	72
16) Acetone	4.12	43	9545	44.767	ug/l	98
20) Methylene Chloride	4.90	84	3834	2.047	ug/l #	79
29) Tetrahydrofuran	7.54	42	153	3.356	ug/l #	56
31) Cyclohexane	7.95	56	2064	1.066	ug/l #	20
36) 1,1-Dichloropropene	7.95	75	7853	4.940	ug/l #	52
38) Carbon Tetrachloride	7.95	117	10010	6.377	ug/l #	16
41) Methacrylonitrile	7.55	41	72	2.259	ug/l #	26
74) N-amyl acetate	12.27	43	179	2.069	ug/l #	52
76) 1,2,3-Trichloropropane	12.62	75	24503	50.322	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	24503	117.092	ug/l #	11

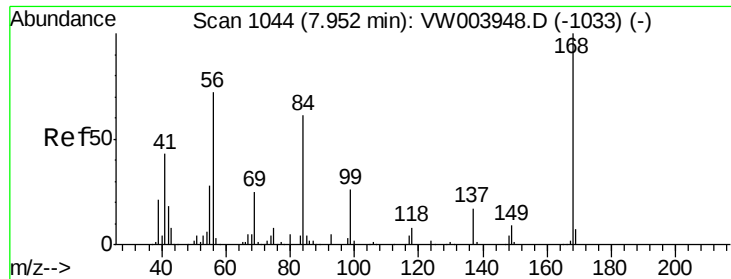
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW073018\
Data File : VW004343.D
Acq On : 30 Jul 2018 05:52
Operator : SY/AP
Sample : J4189-15
Misc : 5.87G/5ML/MSVOA W/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jul 30 07:00:17 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
Quant Title : SW846 8260
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: VW004343.D

Acq: 30 Jul 2018 05:52

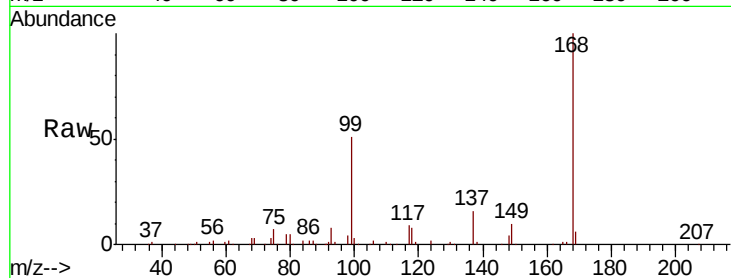
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 112478

Ion Ratio Lower Upper

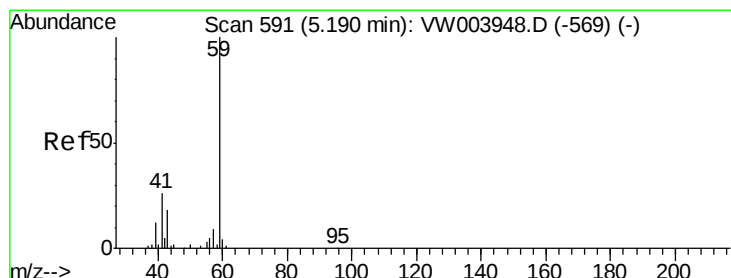
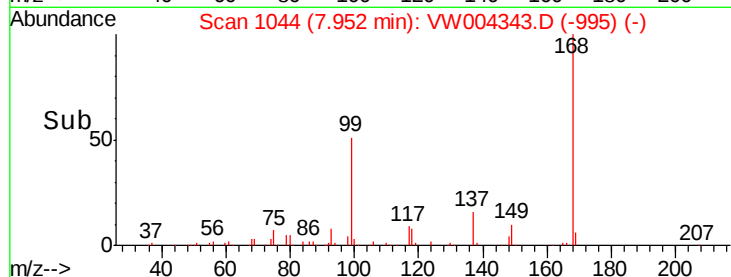
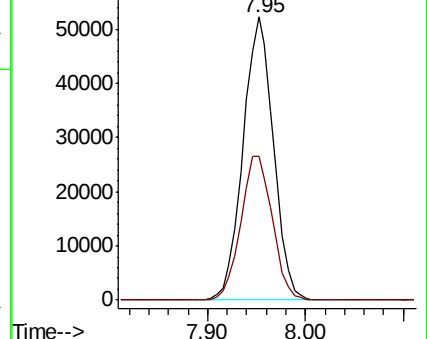
168 100

99 51.0 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.18 min Scan# 589

Delta R.T. 0.01 min

Lab File: VW004343.D

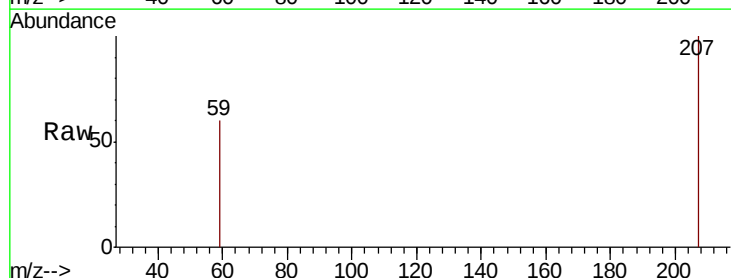
Acq: 30 Jul 2018 05:52

Tgt Ion: 59 Resp: 23

Ion Ratio Lower Upper

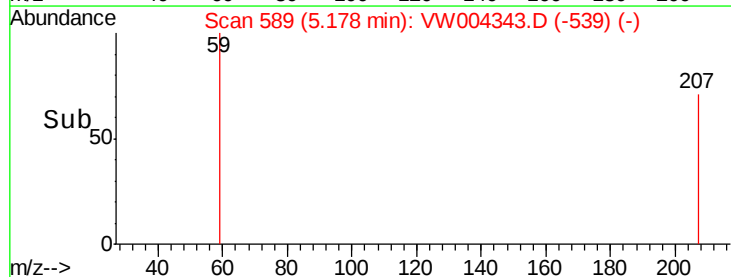
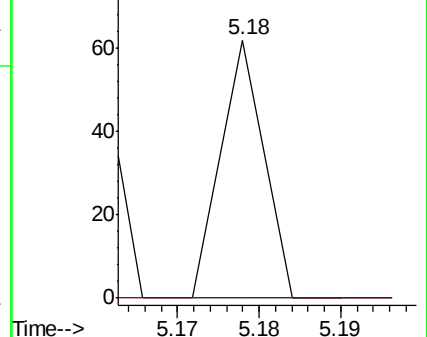
59 100

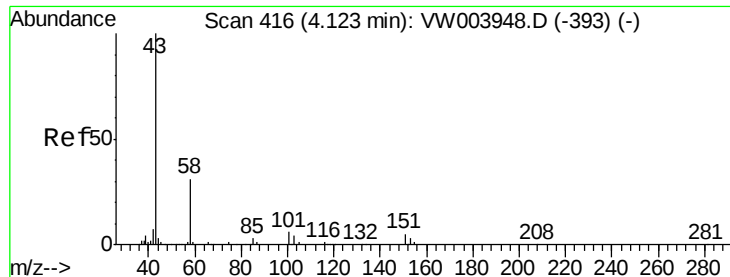
57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 44.767 ug/l

RT: 4.12 min Scan# 415

Delta R.T. 0.00 min

Lab File: VW004343.D

Acq: 30 Jul 2018 05:52

Instrument :

MSVOA_W

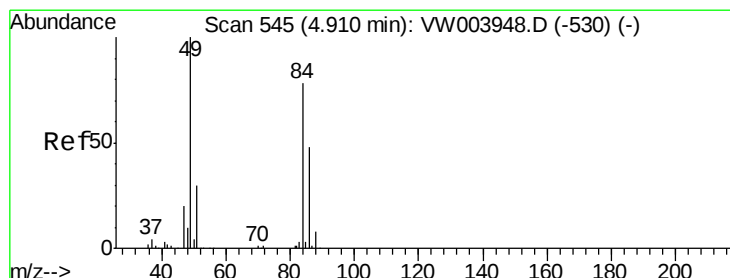
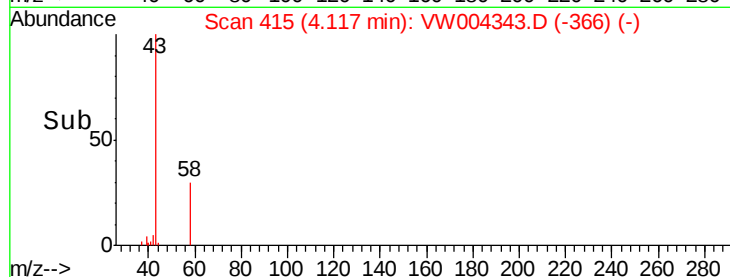
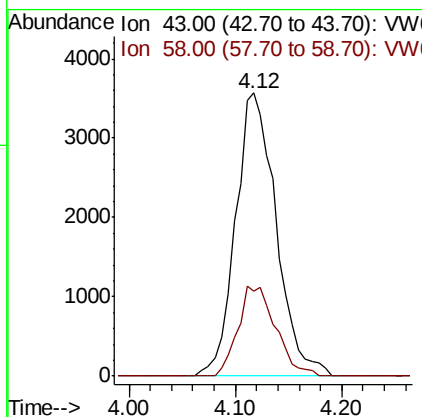
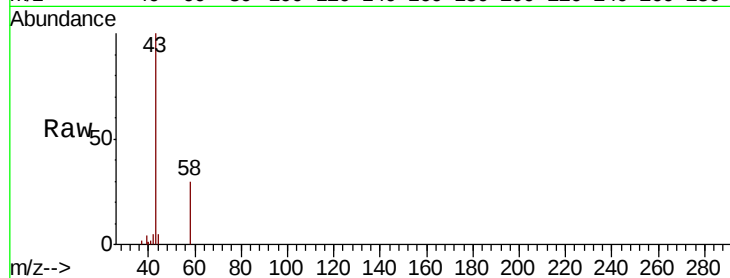
ClientSampleId :

Tot Ion: 43 Resp: 9545

Ion Ratio Lower Upper

43 100

58 29.9 24.8 37.2



#20

Methylene Chloride

Concen: 2.047 ug/l

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW004343.D

Acq: 30 Jul 2018 05:52

Tgt Ion: 84 Resp: 3834

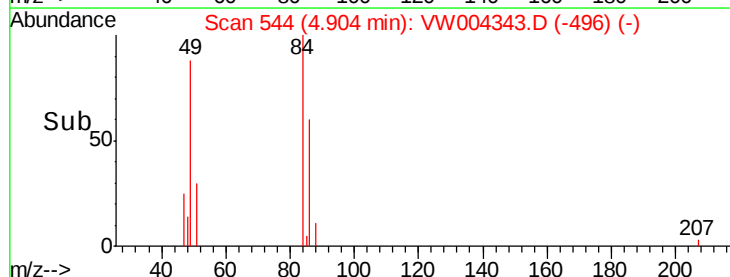
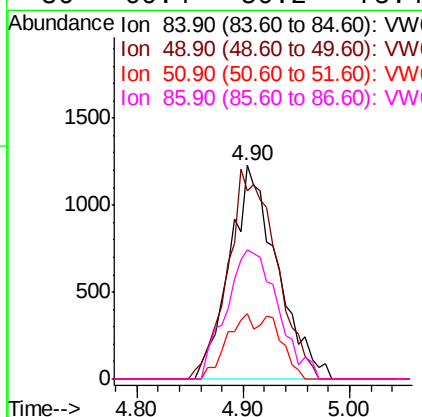
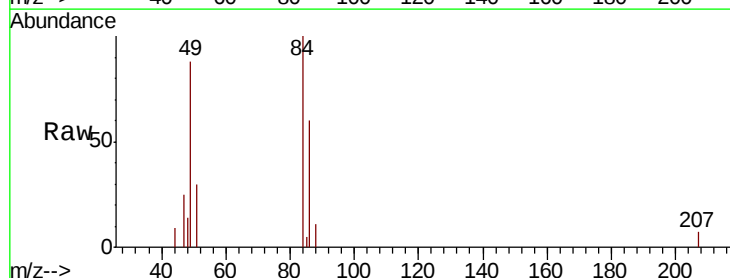
Ion Ratio Lower Upper

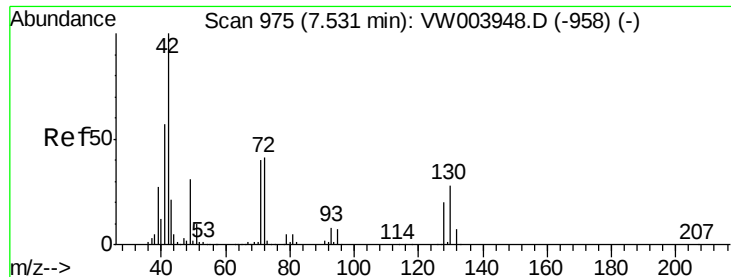
84 100

49 88.0 100.5 150.7#

51 30.3 30.9 46.3#

86 60.4 50.2 75.4

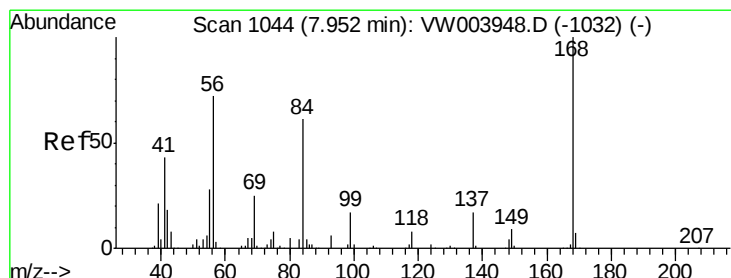
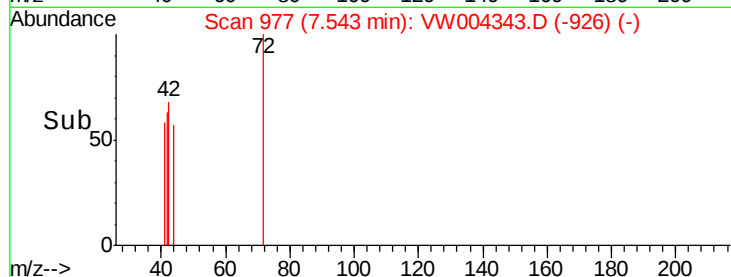
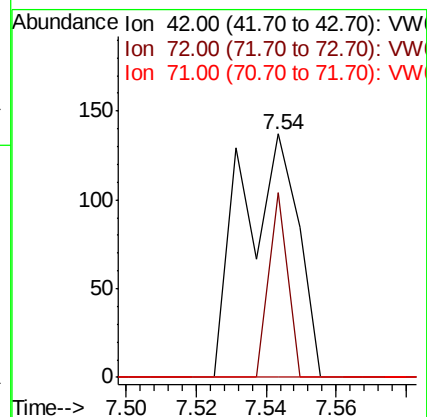
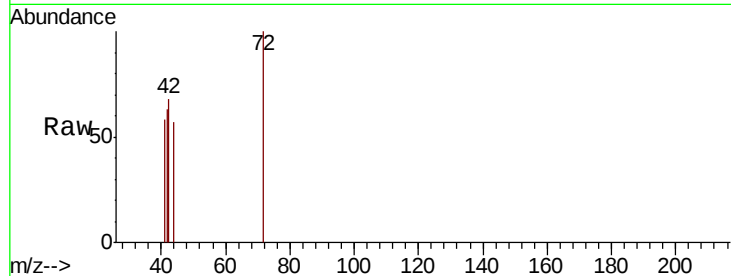




#29
Tetrahydrofuran
Concen: 3.356 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW004343.D
Acq: 30 Jul 2018 05:52

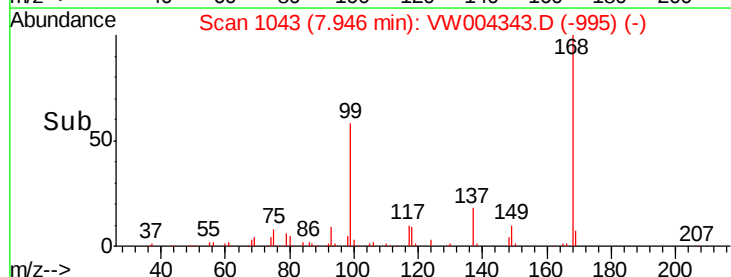
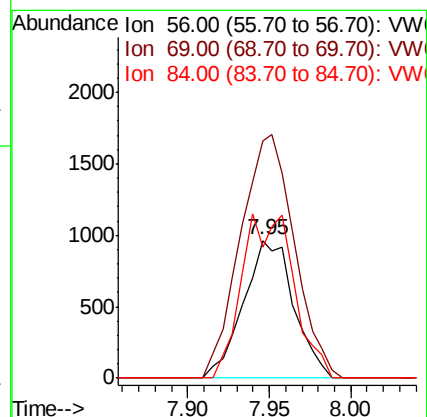
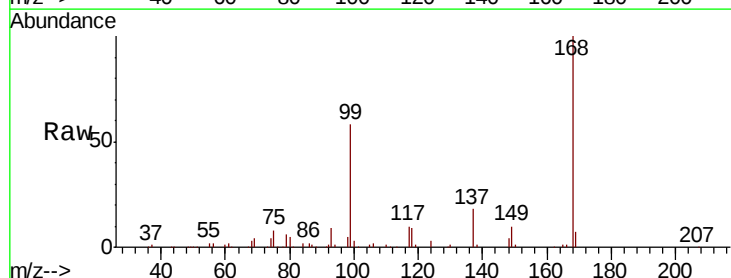
Instrument :
MSVOA_W
ClientSampleId :

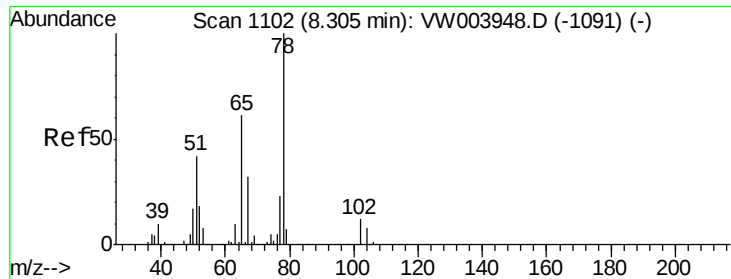
Tot Ion: 42 Resp: 153
Ion Ratio Lower Upper
42 100
72 24.8 32.6 48.8#
71 0.0 31.3 46.9#



#31
Cyclohexane
Concen: 1.066 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW004343.D
Acq: 30 Jul 2018 05:52

Tgt Ion: 56 Resp: 2064
Ion Ratio Lower Upper
56 100
69 172.3 26.3 39.5#
84 95.3 66.2 99.4





#33

1,2-Dichloroethane-d4

Concen: 51.696 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.01 min

Lab File: VW004343.D

Acq: 30 Jul 2018 05:52

Instrument :

MSVOA_W

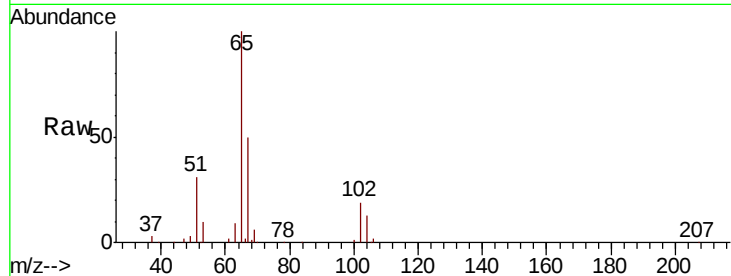
ClientSampleId :

Tot Ion: 65 Resp: 58654

Ion Ratio Lower Upper

65 100

67 50.2 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

30000

25000

20000

15000

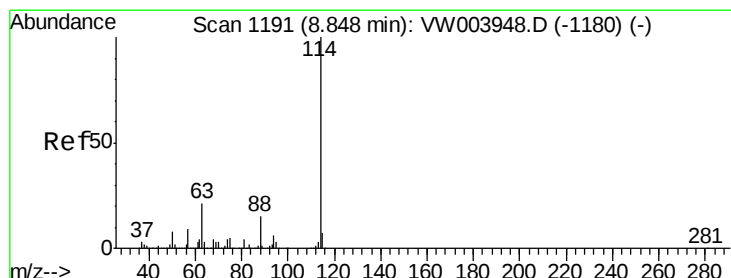
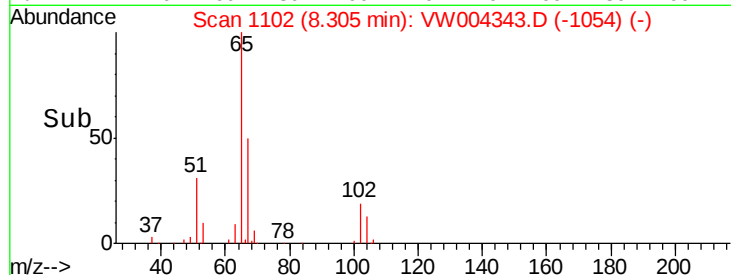
10000

5000

0

Time-->

8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW004343.D

Acq: 30 Jul 2018 05:52

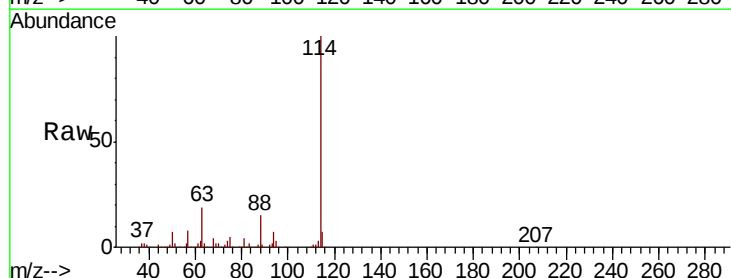
Tgt Ion: 114 Resp: 158917

Ion Ratio Lower Upper

114 100

63 18.9 0.0 41.4

88 14.9 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

8.85

100000

80000

60000

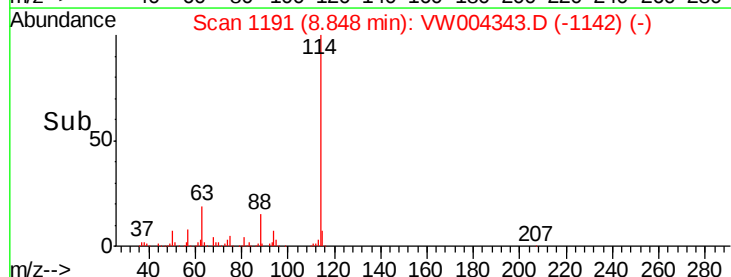
40000

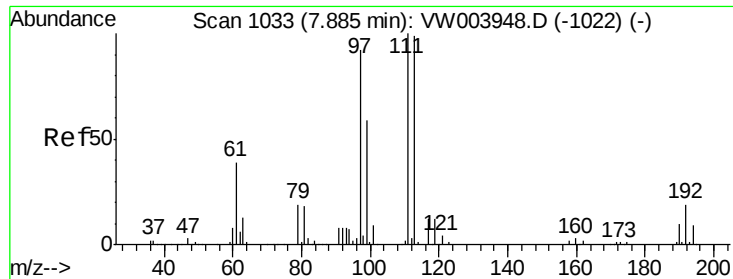
20000

0

Time-->

8.75 8.80 8.85 8.90 8.95

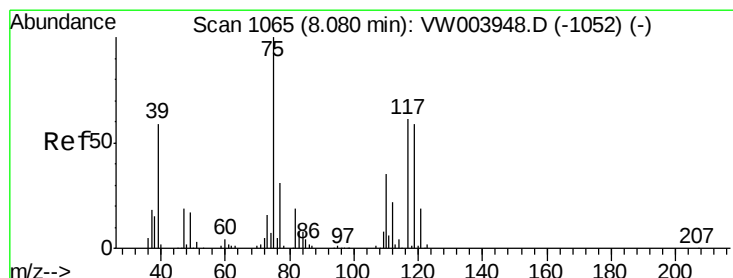
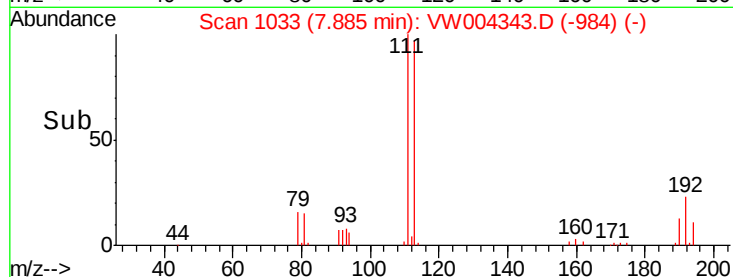
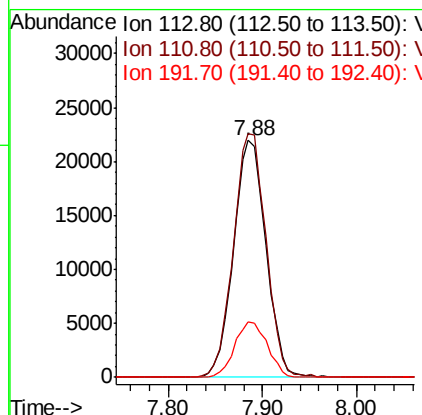
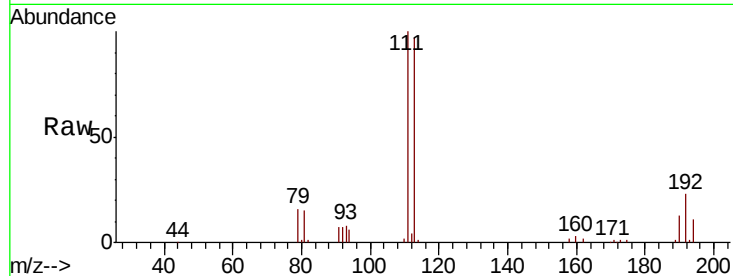




#35
 Dibromofluoromethane
 Concen: 52.219 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004343.D
 Acq: 30 Jul 2018 05:52

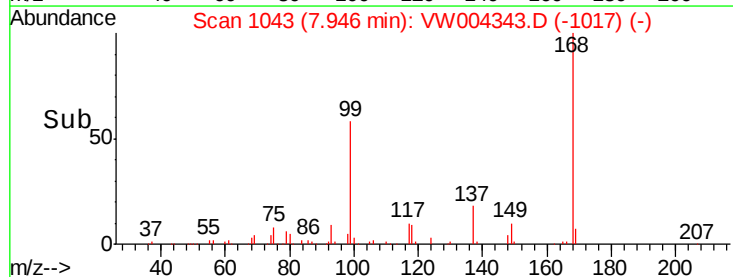
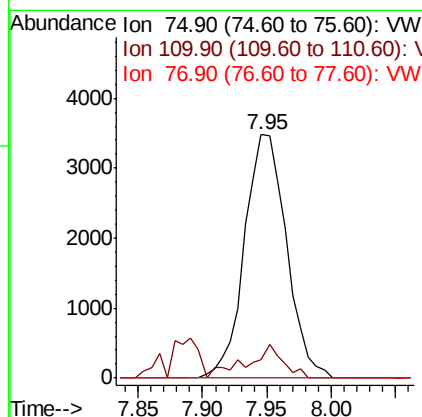
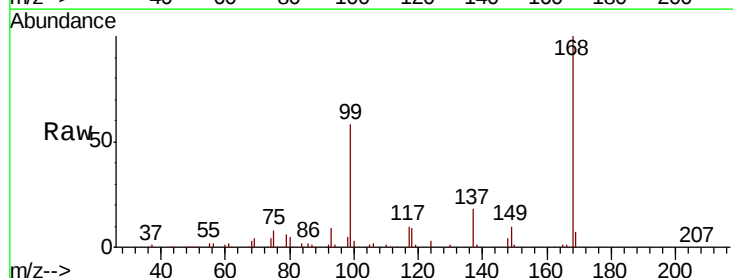
Instrument :
 MSVOA_W
 ClientSampleId :

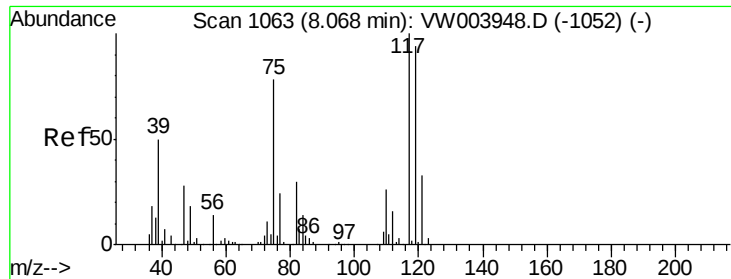
Tot Ion:113 Resp: 52443
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.1 123.1
 192 23.4 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 4.940 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.14 min
 Lab File: VW004343.D
 Acq: 30 Jul 2018 05:52

Tgt Ion: 75 Resp: 7853
 Ion Ratio Lower Upper
 75 100
 110 11.1 17.3 52.0#
 77 0.0 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 6.377 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004343.D

Acq: 30 Jul 2018 05:52

Instrument :

MSVOA_W

ClientSampleId :

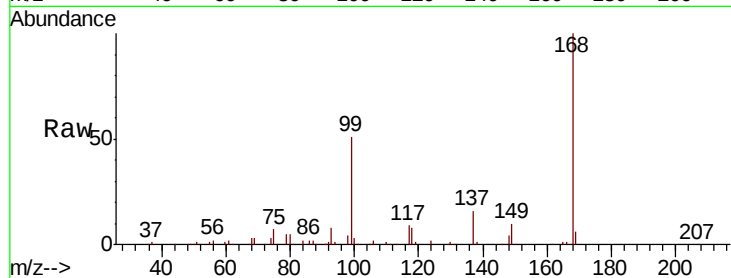
Tot Ion:117 Resp: 10010

Ion Ratio Lower Upper

117 100

119 6.9 79.7 119.5#

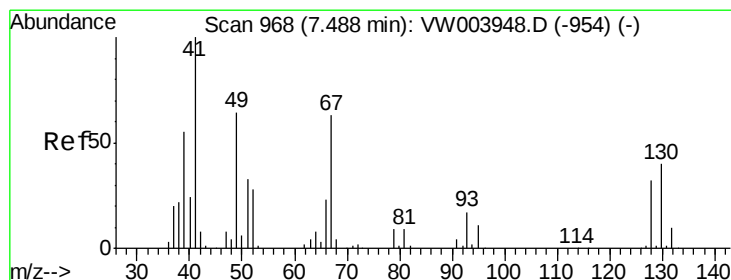
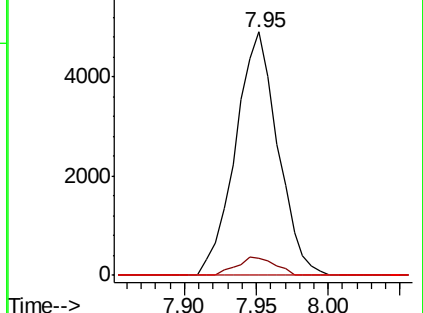
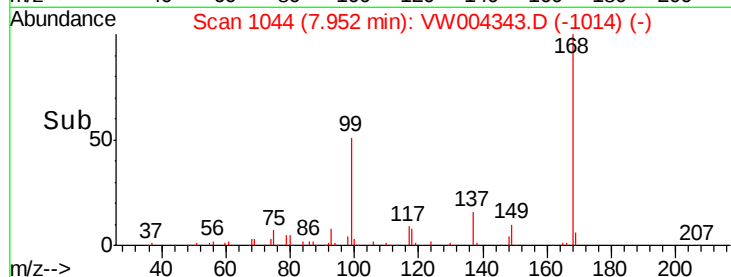
121 0.0 25.7 38.5#



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



#41

Methacrylonitrile

Concen: 2.259 ug/l

RT: 7.55 min Scan# 978

Delta R.T. 0.06 min

Lab File: VW004343.D

Acq: 30 Jul 2018 05:52

Tgt Ion: 41 Resp: 72

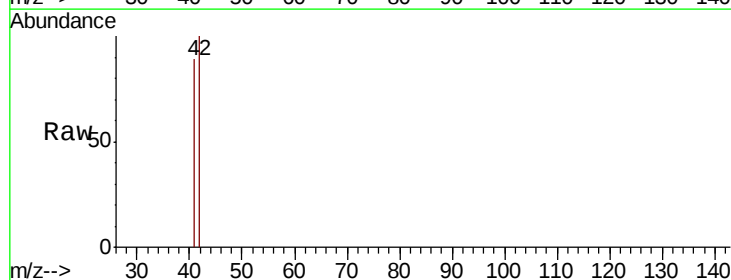
Ion Ratio Lower Upper

41 100

39 0.0 41.2 61.8#

67 0.0 53.4 80.0#

52 0.0 22.4 33.6#

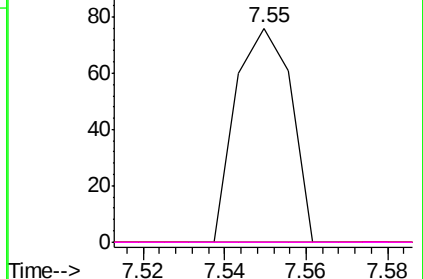
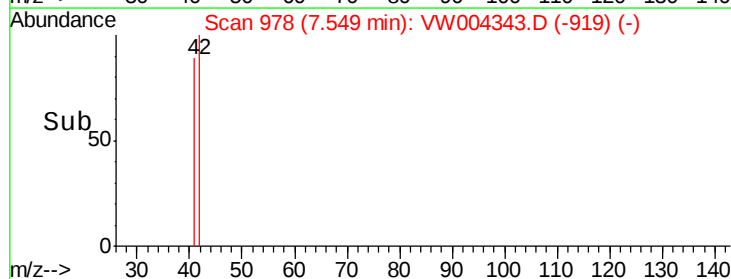


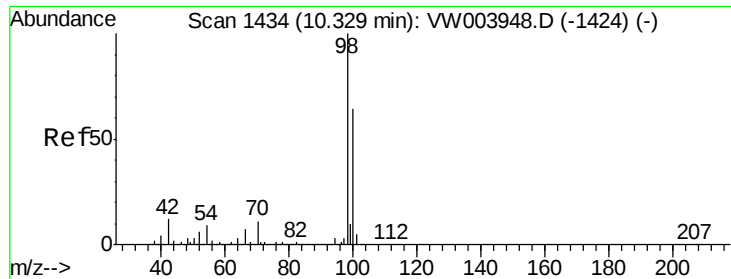
Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW





#50

Toluene-d8

Concen: 43.766 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004343.D

Acq: 30 Jul 2018 05:52

Instrument :

MSVOA_W

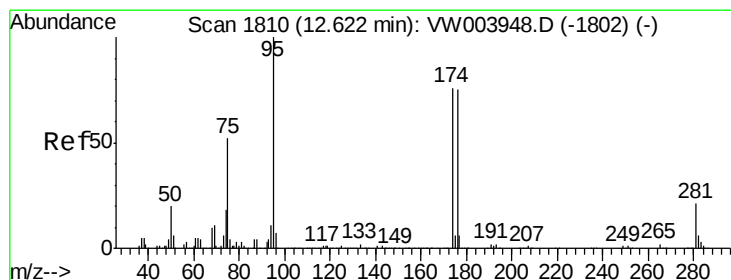
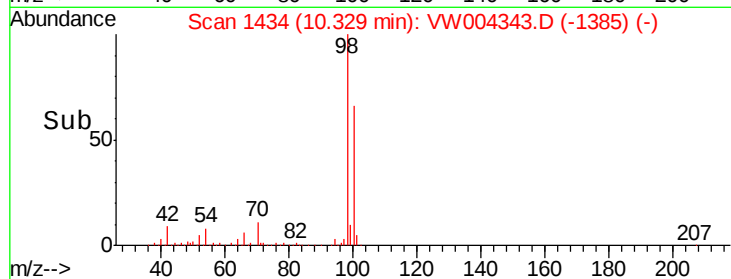
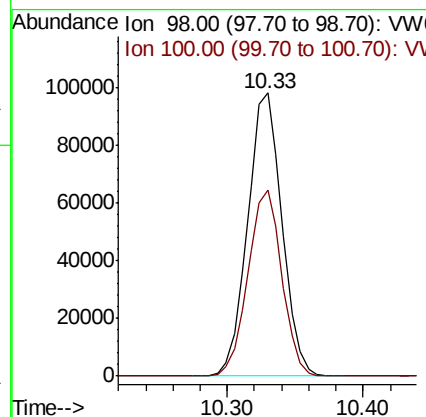
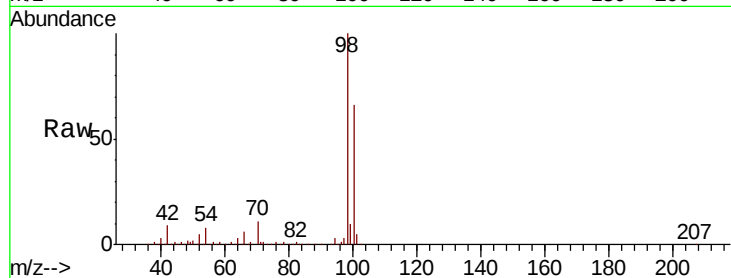
ClientSampled :

Tot Ion: 98 Resp: 173711

Ion Ratio Lower Upper

98 100

100 64.7 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 36.002 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004343.D

Acq: 30 Jul 2018 05:52

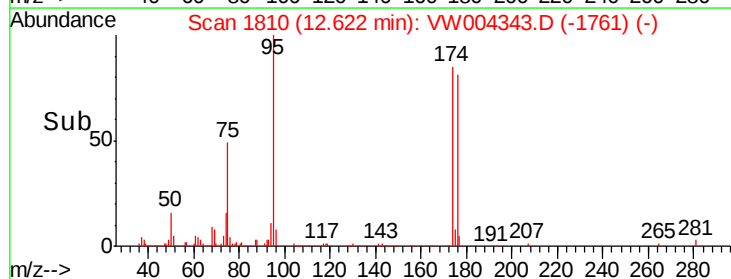
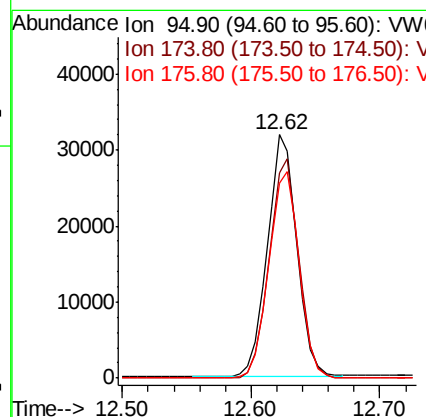
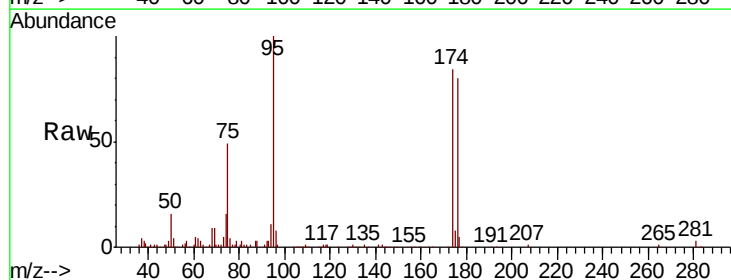
Tgt Ion: 95 Resp: 50313

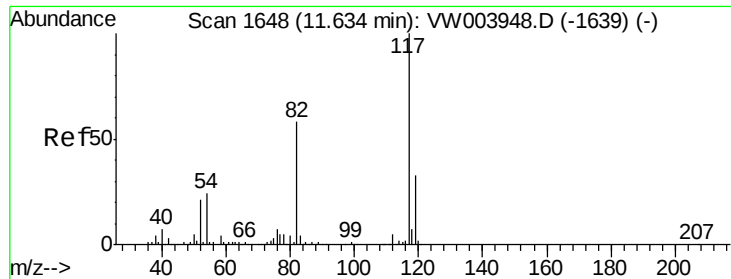
Ion Ratio Lower Upper

95 100

174 91.3 0.0 167.8

176 88.4 0.0 162.4

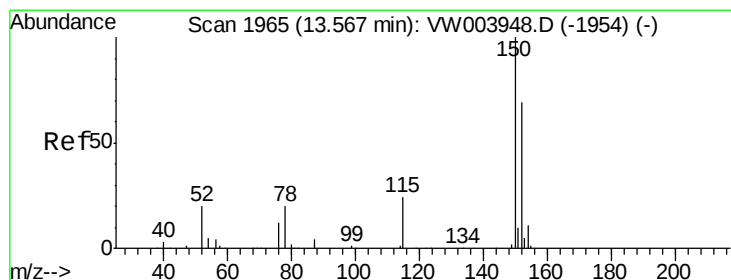
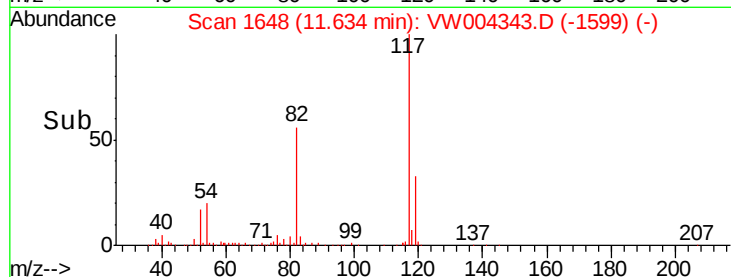
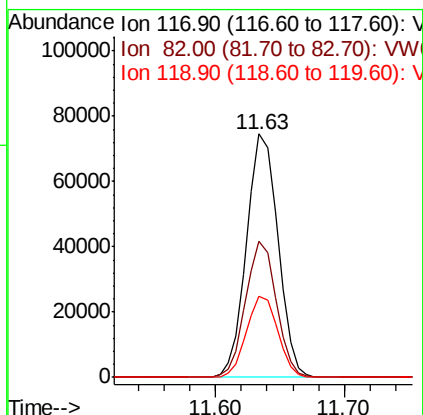
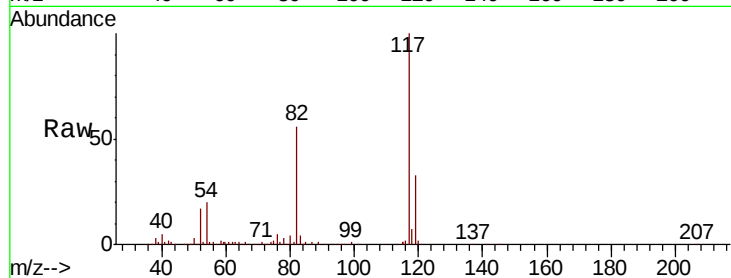




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004343.D
Acq: 30 Jul 2018 05:52

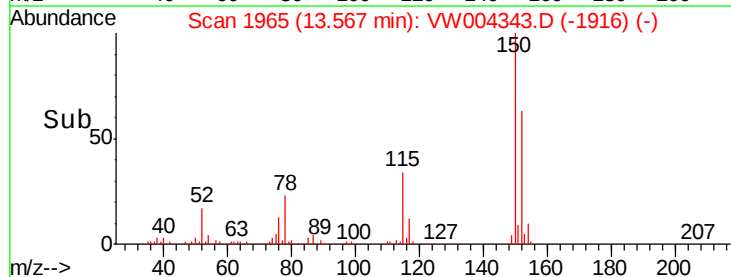
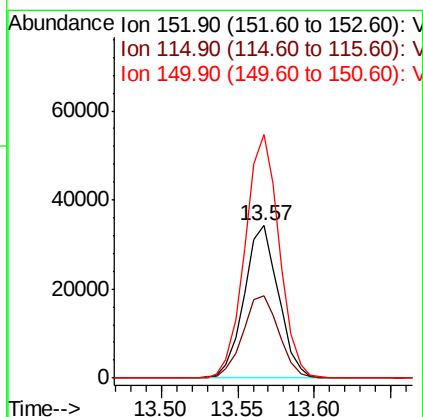
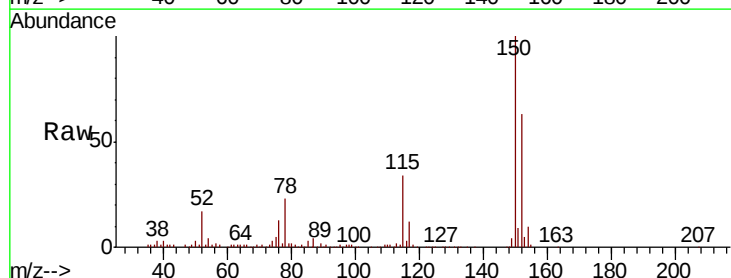
Instrument :
MSVOA_W
ClientSampleId :

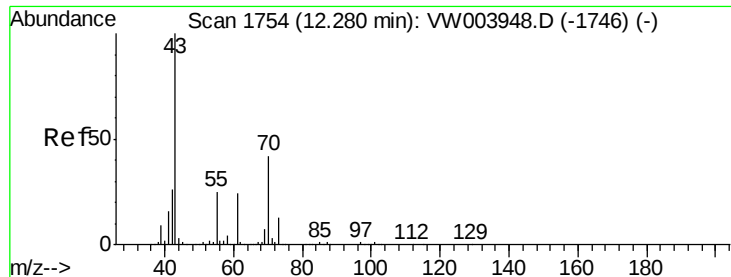
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	47.9	71.9
119	33.1	27.1	40.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004343.D
Acq: 30 Jul 2018 05:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.8	86.4
150	159.1	0.0	346.4





#74

N-amvl acetate

Concen: 2.069 ug/l

RT: 12.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VW004343.D

Acq: 30 Jul 2018 05:52

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 179

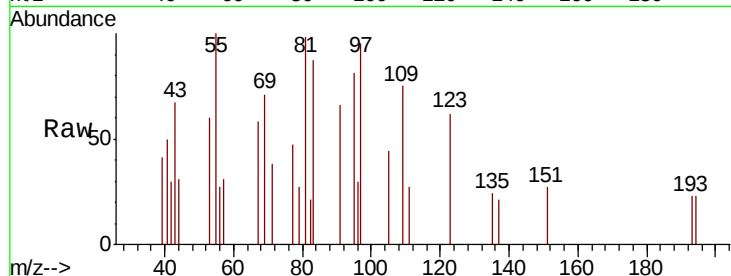
Ion Ratio Lower Upper

43 100

70 0.0 34.2 51.4#

55 37.4 21.8 32.8#

61 0.0 18.9 28.3#

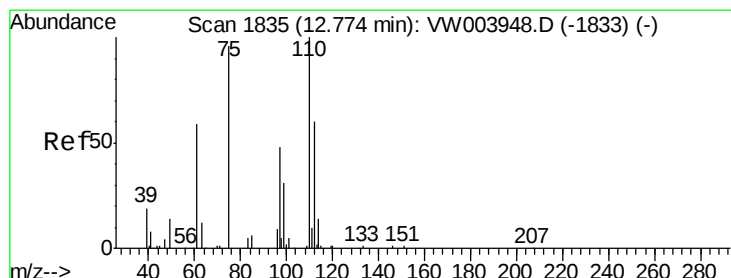
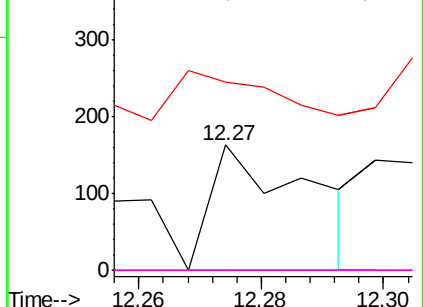
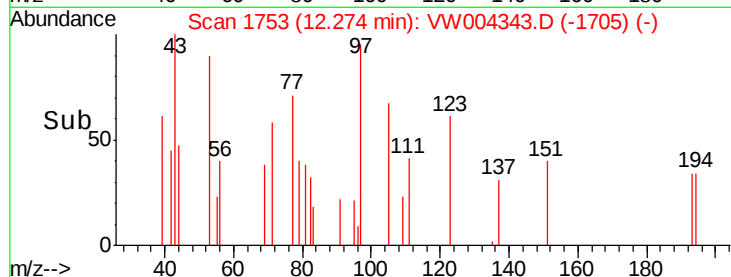


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#76

1,2,3-Trichloropropane

Concen: 50.322 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004343.D

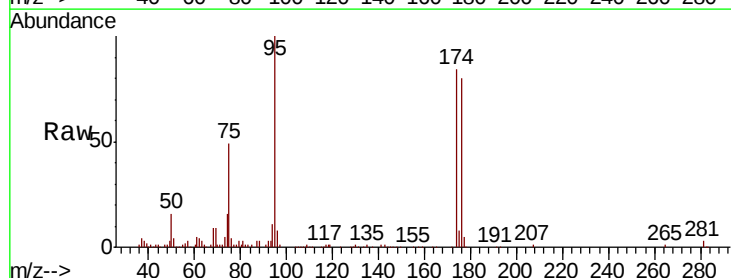
Acq: 30 Jul 2018 05:52

Tgt Ion: 75 Resp: 24503

Ion Ratio Lower Upper

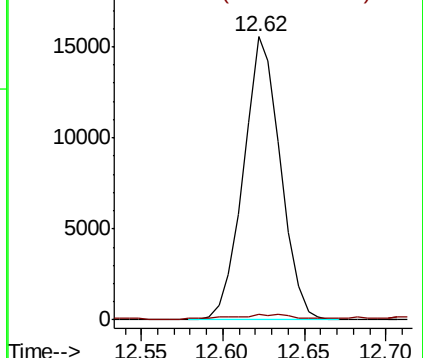
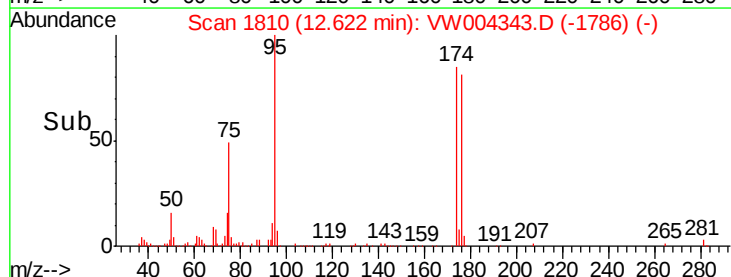
75 100

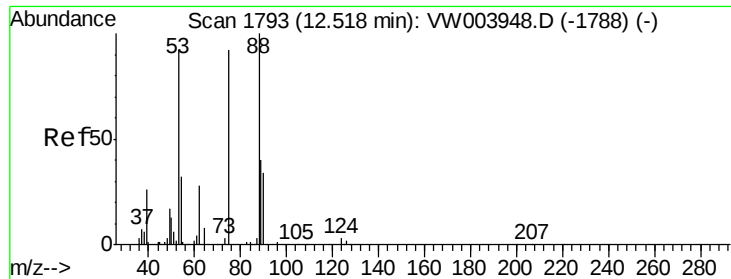
77 3.5 0.0 0.0#



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: 117.092 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW004343.D
 Acq: 30 Jul 2018 05:52

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 24503
 Ion Ratio Lower Upper
 75 100
 53 0.6 77.6 116.4#
 89 0.1 36.0 54.0#

