

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 :
 TP-14-S

Quant Time: Jul 30 07:19:39 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%	

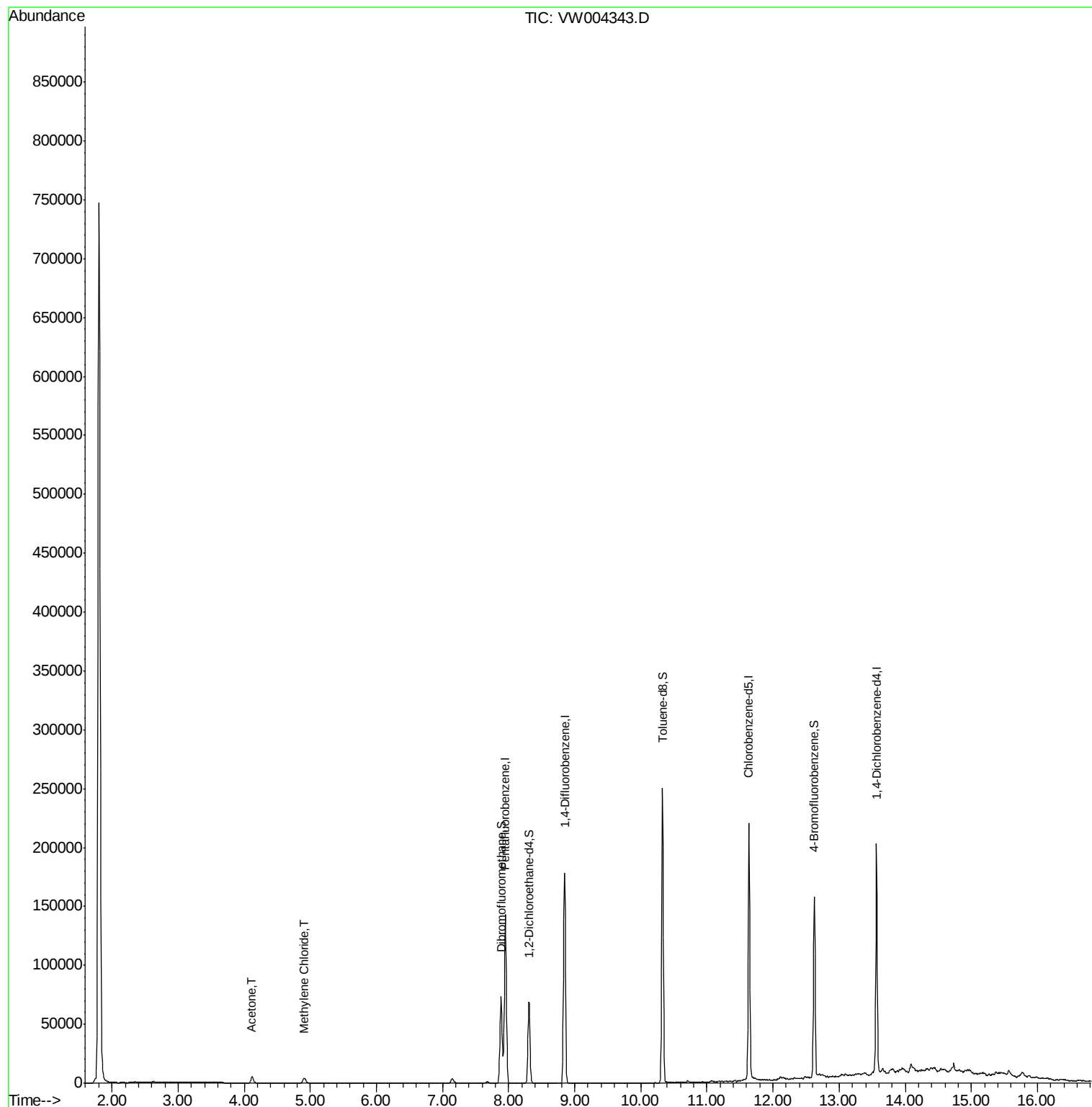
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	9545	44.77	ug/l	98
20) Methylene Chloride	4.90	84	3834	2.05	ug/l	# 79

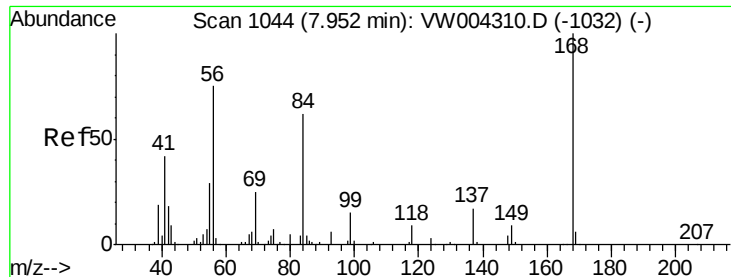
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jul 30 02:37:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004343.D

Acq: 30 Jul 2018 05:52

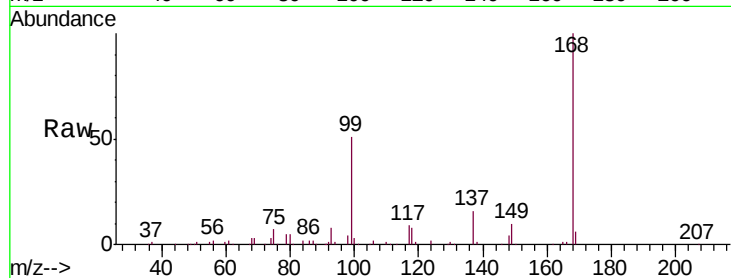
Instrument :
MSVOA_W
ClientSampled :
TP-14-S

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

7.95

60000

50000

40000

30000

20000

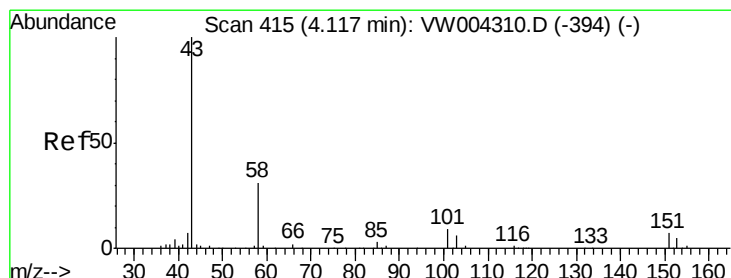
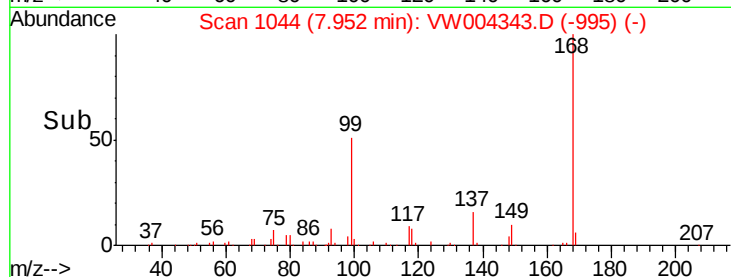
10000

0

Time-->

7.90

8.00



#16

Acetone

Concen: 44.77 ug/l

RT: 4.12 min Scan# 415

Delta R.T. 0.00 min

Lab File: VW004343.D

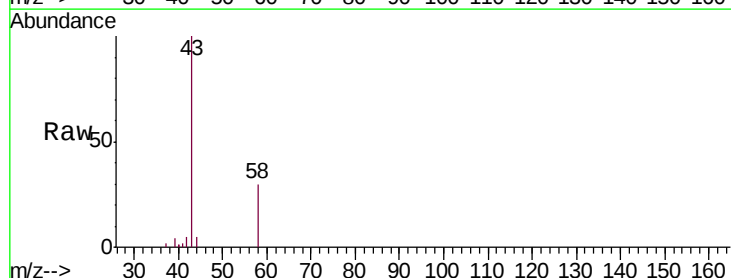
Acq: 30 Jul 2018 05:52

Tgt Ion: 43 Resp: 9545

Ion Ratio Lower Upper

43 100

58 29.9 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

4000

3000

2000

1000

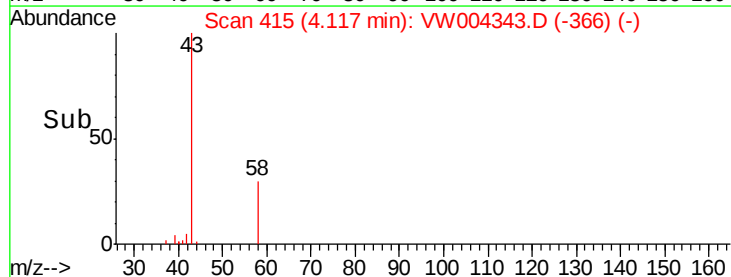
0

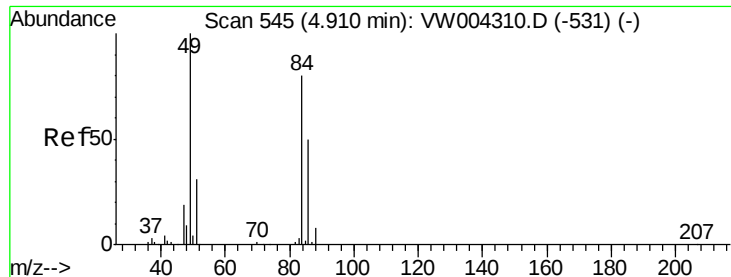
Time-->

4.00

4.10

4.20





#20

Methylene Chloride

Concen: 2.05 ug/l

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW004343.D

Acq: 30 Jul 2018 05:52

Instrument :

MSVOA_W

ClientSampled :

TP-14-S

Tot Ion: 84 Resp: 3834

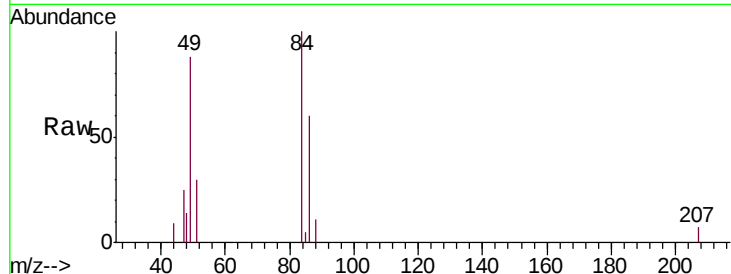
Ion Ratio Lower Upper

84 100

49 88.0 100.5 150.7#

51 30.3 30.9 46.3#

86 60.4 50.2 75.4

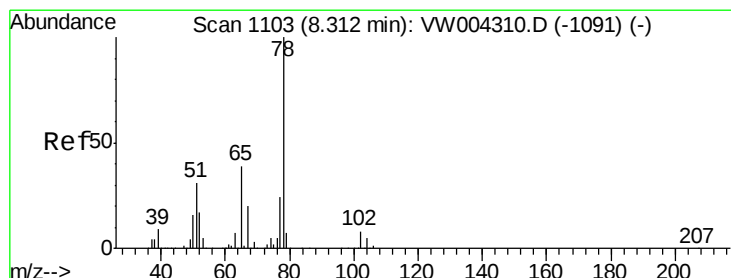
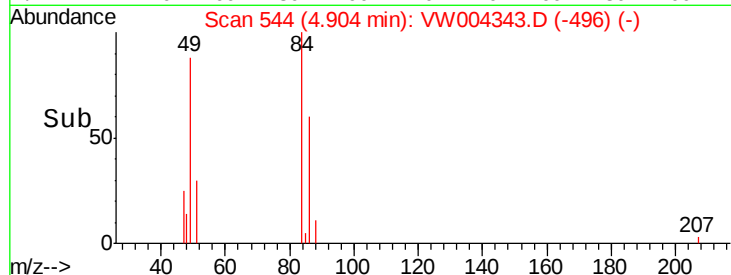
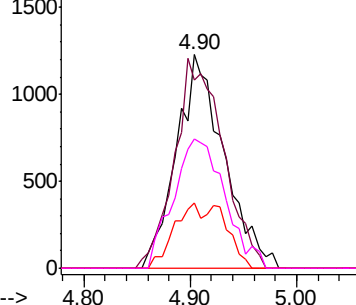


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#33

1,2-Dichloroethane-d4

Concen: 51.70 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.01 min

Lab File: VW004343.D

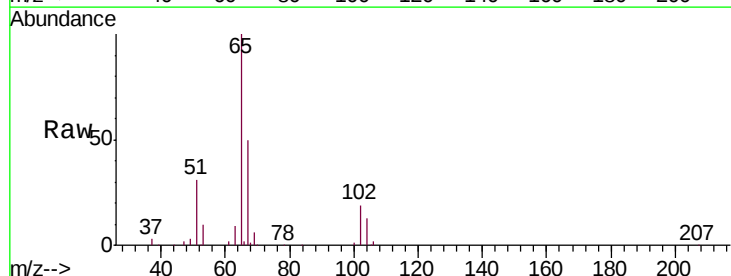
Acq: 30 Jul 2018 05:52

Tgt Ion: 65 Resp: 58654

Ion Ratio Lower Upper

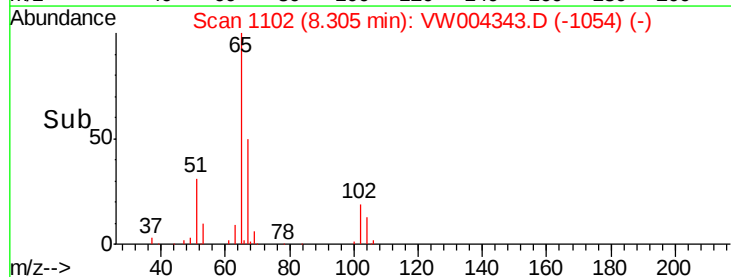
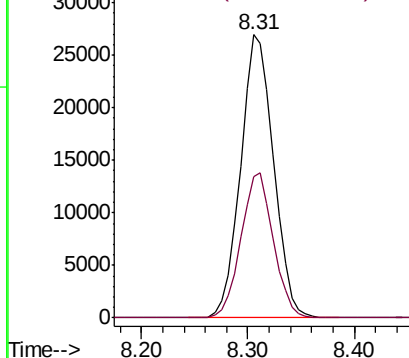
65 100

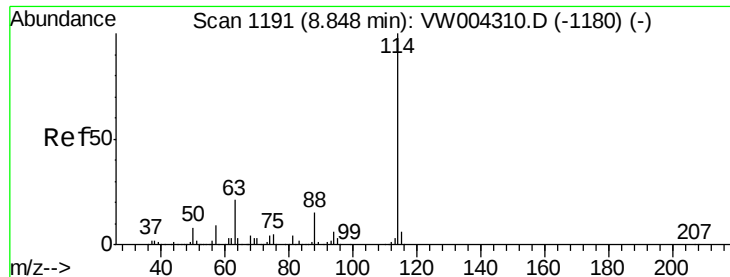
67 50.2 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

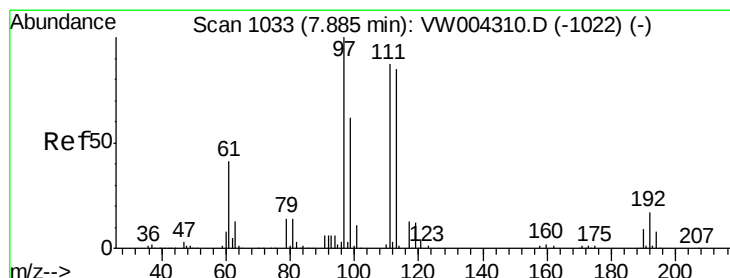
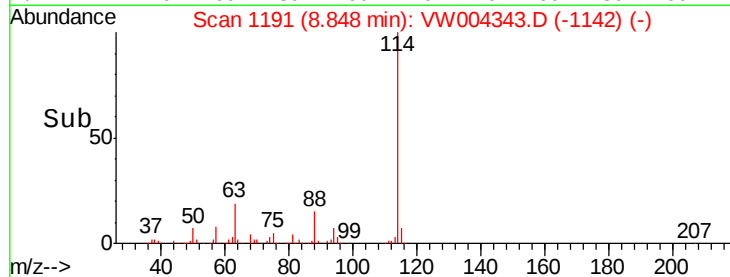
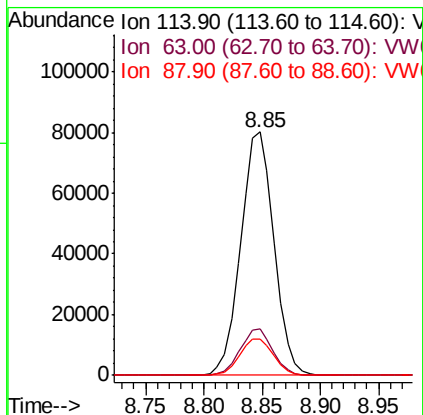
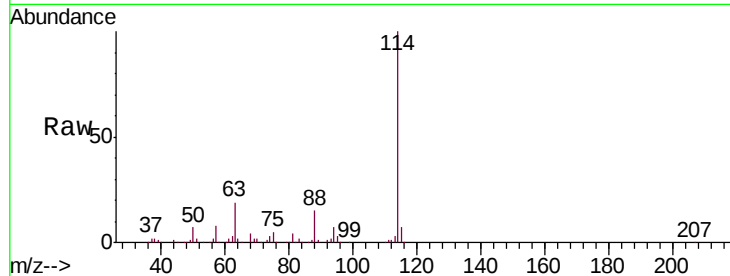




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004343.D
 Acq: 30 Jul 2018 05:52

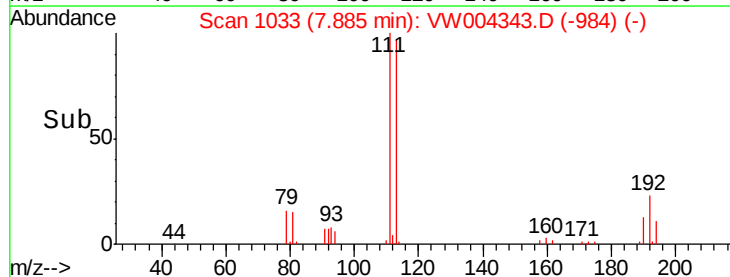
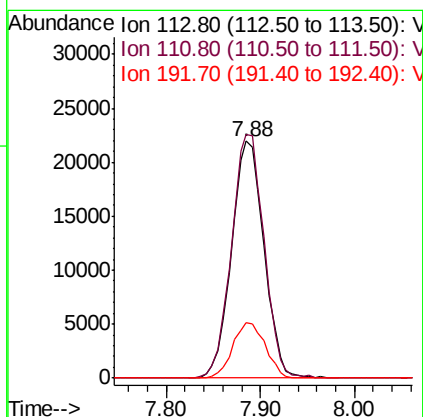
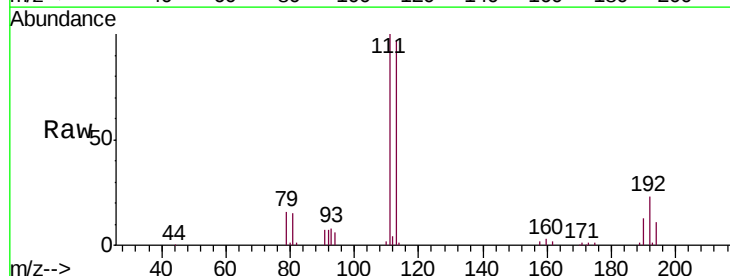
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-14-S

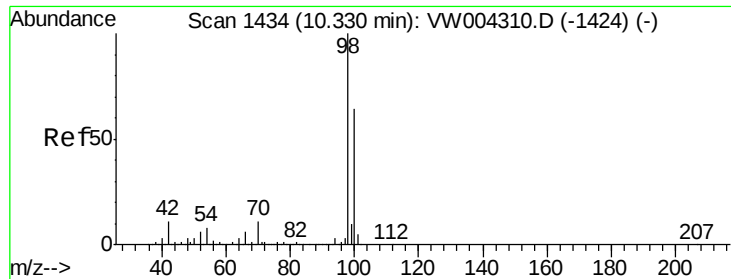
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	41.4
88	14.9	0.0	30.6



#35
 Dibromofluoromethane
 Concen: 52.22 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004343.D
 Acq: 30 Jul 2018 05:52

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.1	123.1
192	23.4	16.2	24.4





#50

Toluene-d8

Concen: 43.77 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

ClientSampleId :

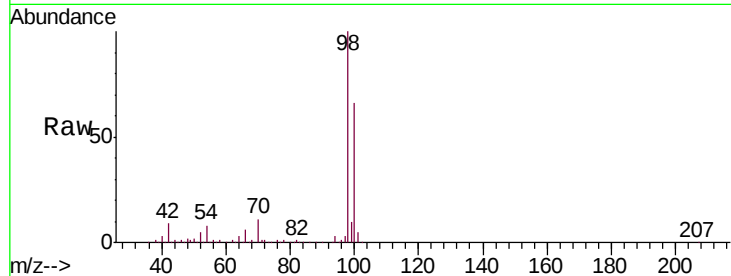
TP-14-S

Tot Ion: 98 Resp: 173711

Ion Ratio Lower Upper

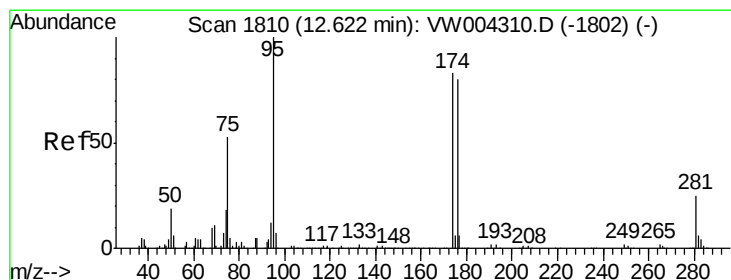
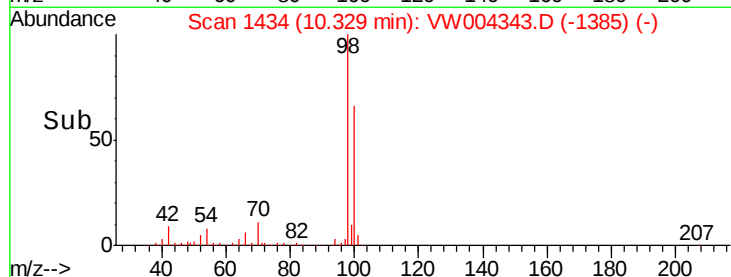
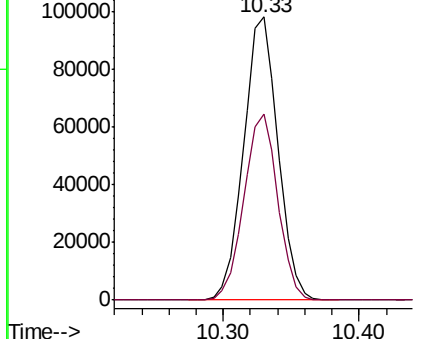
98 100

100 64.7 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 36.00 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004343.D

Acq: 30 Jul 2018 05:52

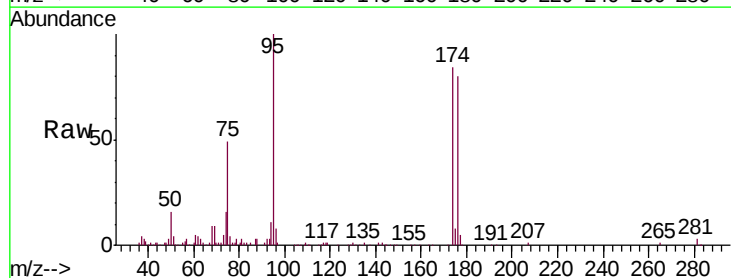
Tgt Ion: 95 Resp: 50313

Ion Ratio Lower Upper

95 100

174 91.3 0.0 167.8

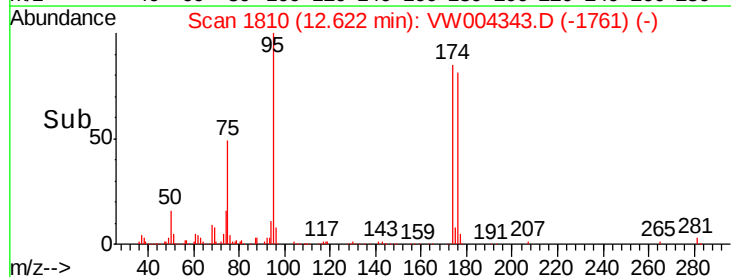
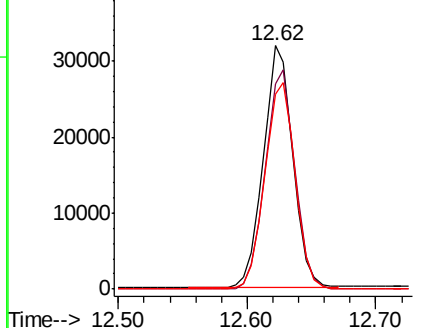
176 88.4 0.0 162.4

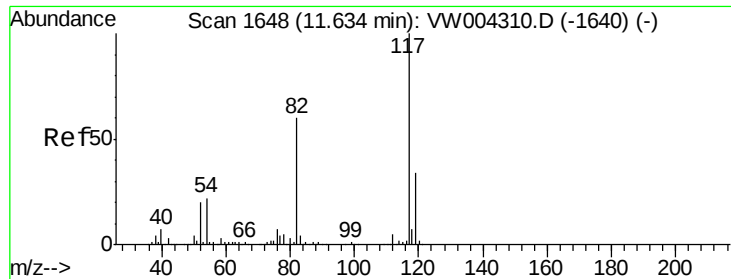


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

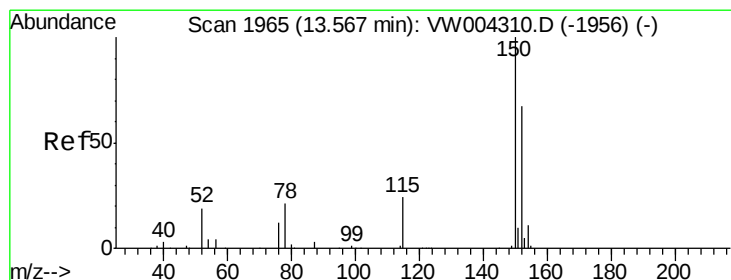
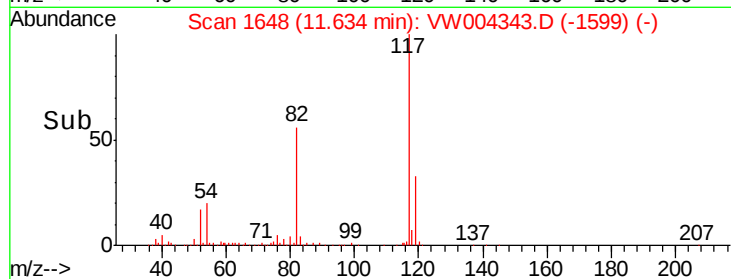
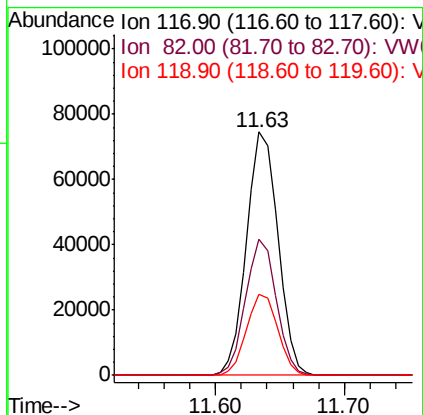
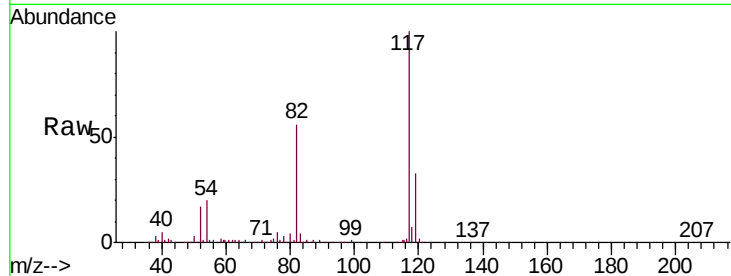




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004343.D
Acq: 30 Jul 2018 05:52

Instrument :
MSVOA_W
ClientSampleId :
TP-14-S

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: 50.00 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

