

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
 Data File : VW006647.D
 Acq On : 05 Nov 2018 19:59
 Operator : SY/AP
 Sample : J5803-04
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SODUS-TS-002

Quant Time: Nov 06 03:14:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

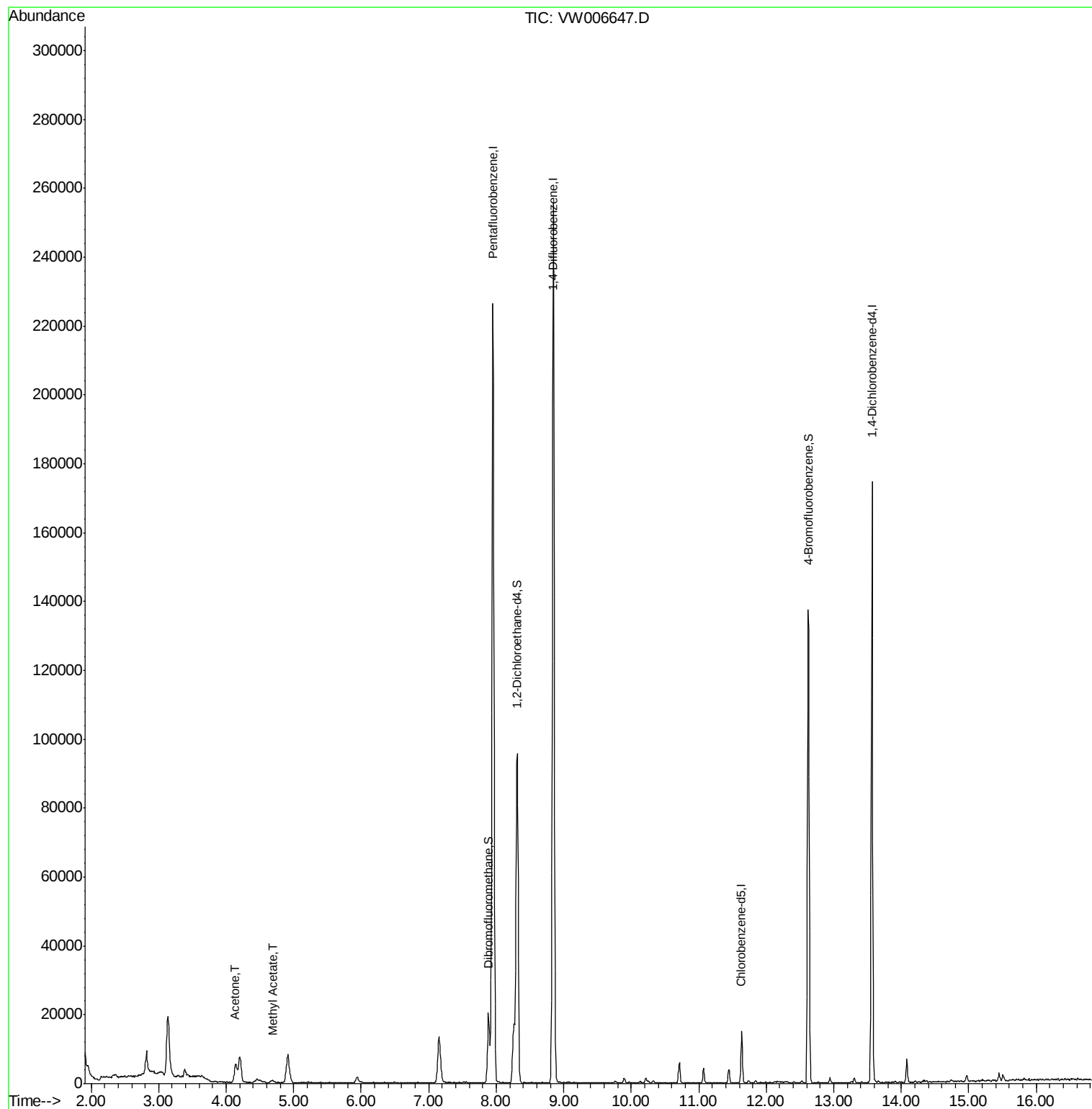
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	186358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	233868	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	9437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	50141	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	76703	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	
35) Dibromofluoromethane	7.89	113	14808	10.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	20.18%	
50) Toluene-d8	10.33	98	566	0.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	0.20%	
62) 4-Bromofluorobenzene	12.62	95	39830	19.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	39.32%	
Target Compounds						
16) Acetone	4.14	43	10466	40.467	ug/l	98
18) Methyl Acetate	4.68	43	1622	2.181	ug/l	92

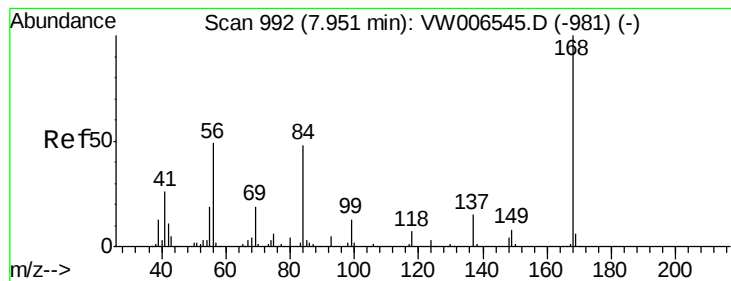
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

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ClientSampleId :

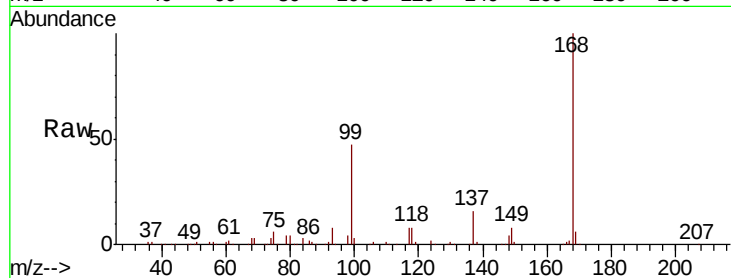
SODUS-TS-002

Tot Ion:168 Resp: 186358

Ion Ratio Lower Upper

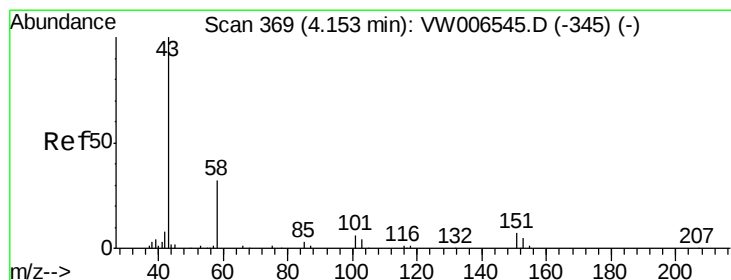
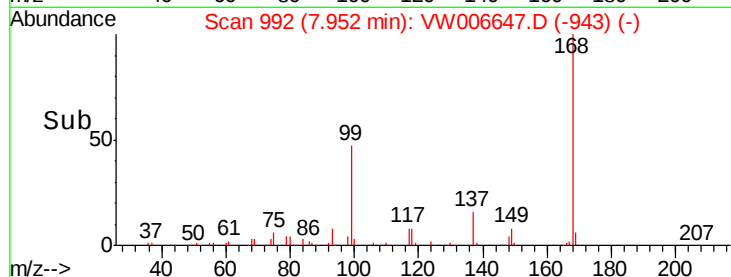
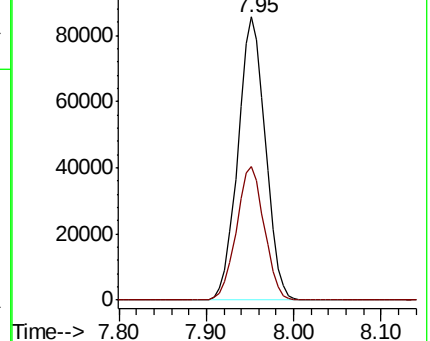
168 100

99 47.2 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 40.467 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006647.D

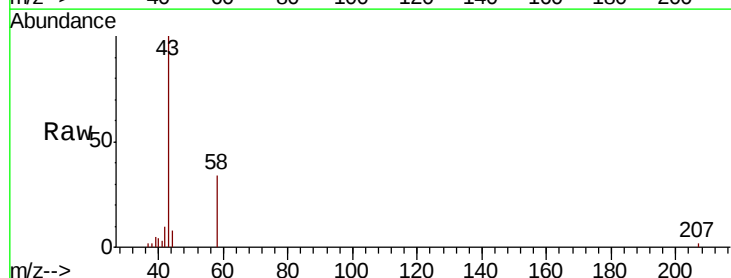
Acq: 05 Nov 2018 19:59

Tgt Ion: 43 Resp: 10466

Ion Ratio Lower Upper

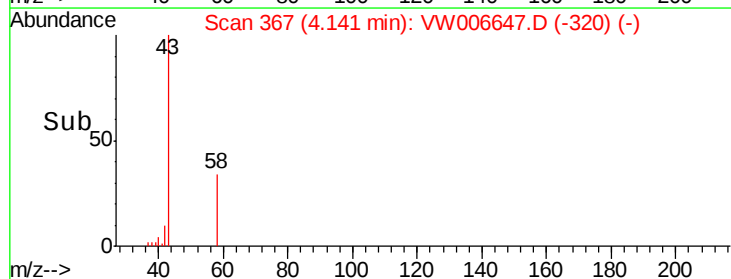
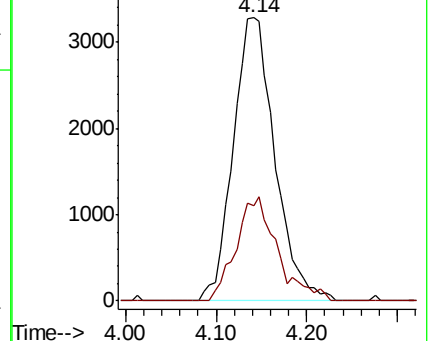
43 100

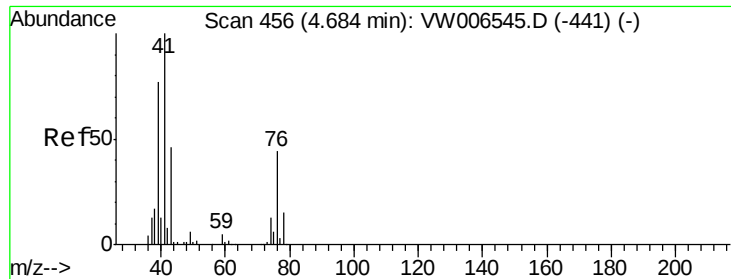
58 33.7 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

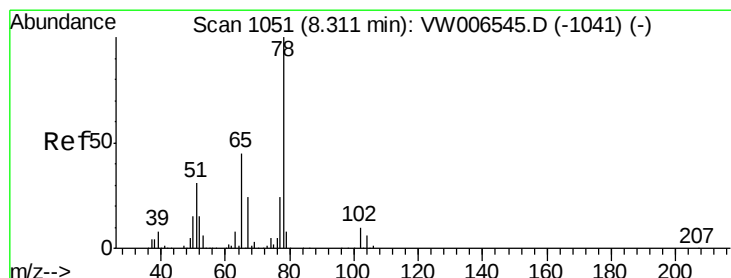
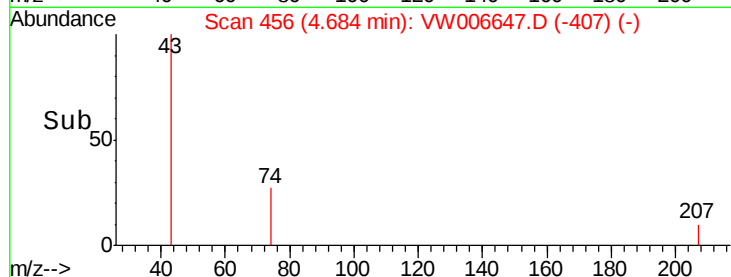
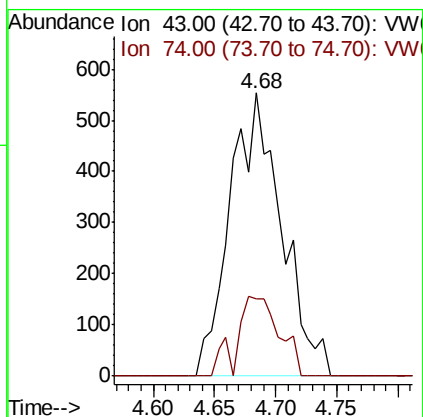
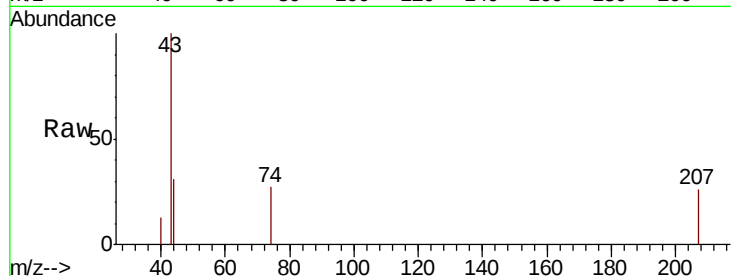




#18
Methvl Acetate
Concen: 2.181 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW006647.D
Acq: 05 Nov 2018 19:59

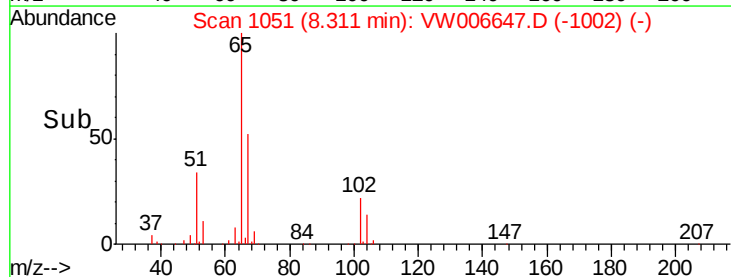
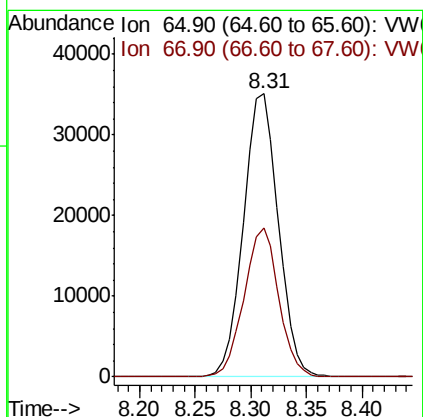
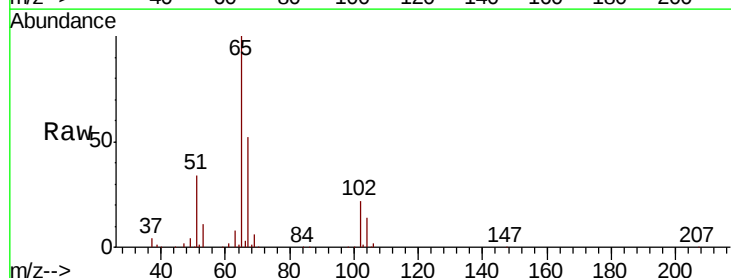
Instrument :
MSVOA_W
ClientSampleId :
SODUS-TS-002

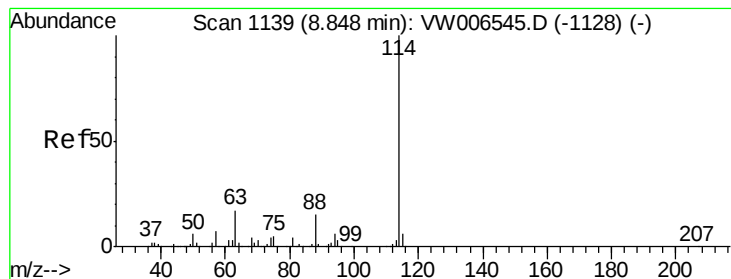
Tot Ion: 43 Resp: 1622
Ion Ratio Lower Upper
43 100
74 23.4 21.9 32.9



#33
1,2-Dichloroethane-d4
Concen: 47.882 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006647.D
Acq: 05 Nov 2018 19:59

Tgt Ion: 65 Resp: 76703
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006647.D

Acq: 05 Nov 2018 19:59

Instrument :

MSVOA_W

ClientSampleId :

SODUS-TS-002

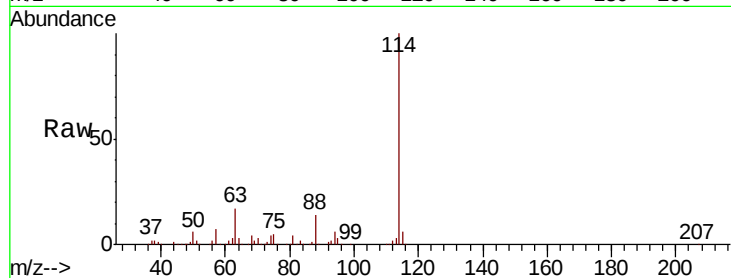
Tot Ion:114 Resp: 233868

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.4

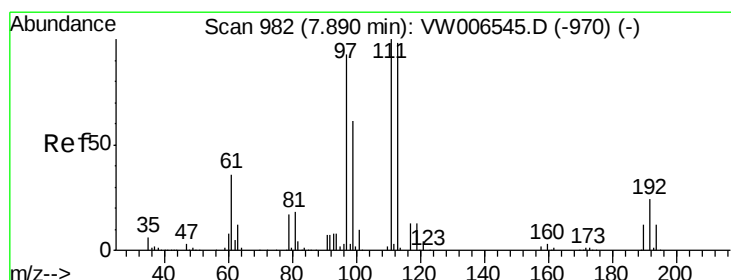
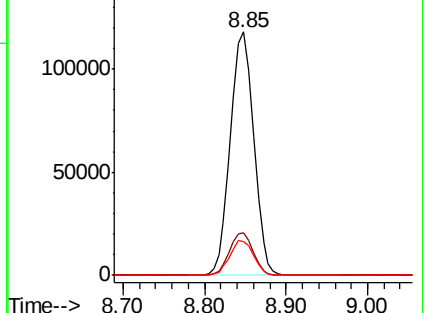
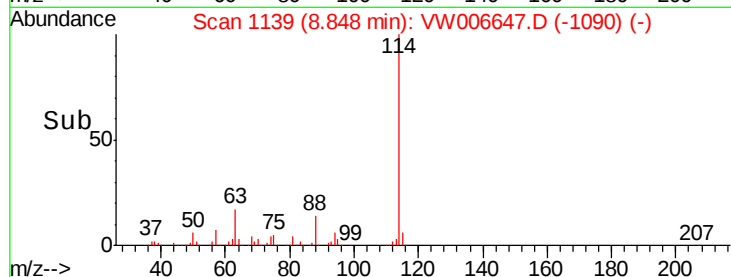
88 14.0 0.0 29.0



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: 10.089 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006647.D

Acq: 05 Nov 2018 19:59

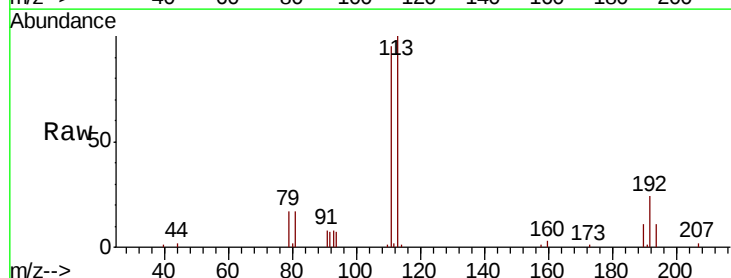
Tgt Ion:113 Resp: 14808

Ion Ratio Lower Upper

113 100

111 100.9 82.2 123.2

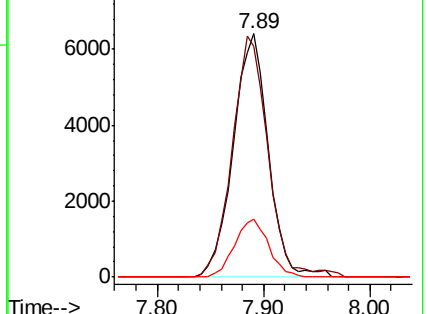
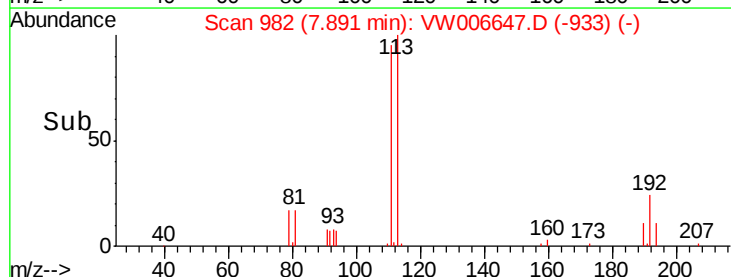
192 23.0 19.0 28.6

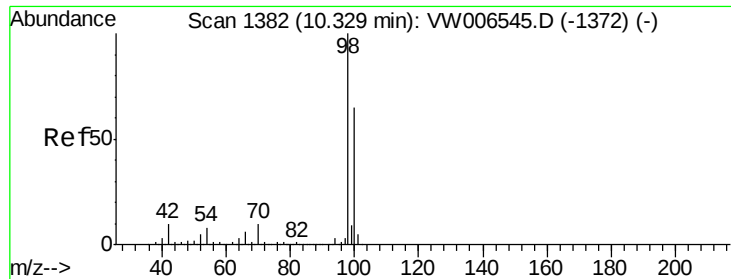


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 0.101 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006647.D

Acq: 05 Nov 2018 19:59

Instrument :

MSVOA_W

ClientSampleId :

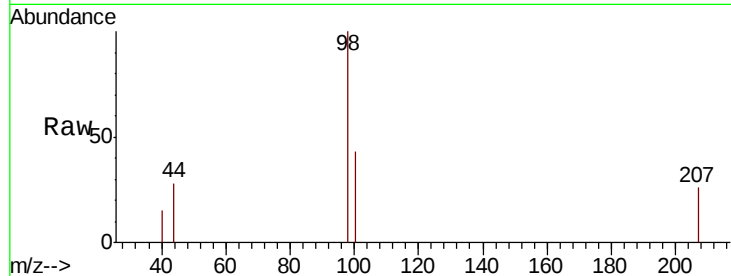
SODUS-TS-002

Tot Ion: 98 Resp: 566

Ion Ratio Lower Upper

98 100

100 54.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.33

400

300

200

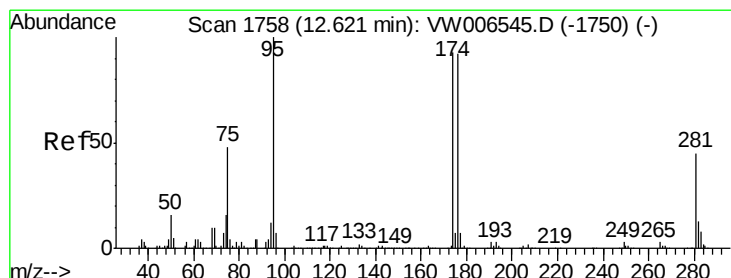
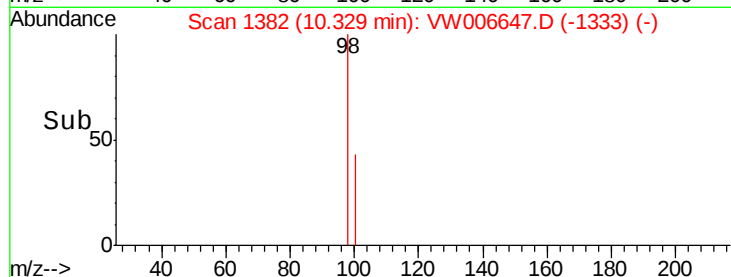
100

0

10.30

10.35

Time-->



#62

4-Bromofluorobenzene

Concen: 19.663 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006647.D

Acq: 05 Nov 2018 19:59

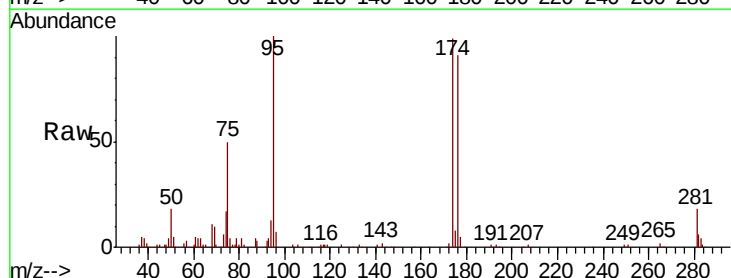
Tgt Ion: 95 Resp: 39830

Ion Ratio Lower Upper

95 100

174 101.2 0.0 192.4

176 97.3 0.0 187.4



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

30000

20000

10000

0

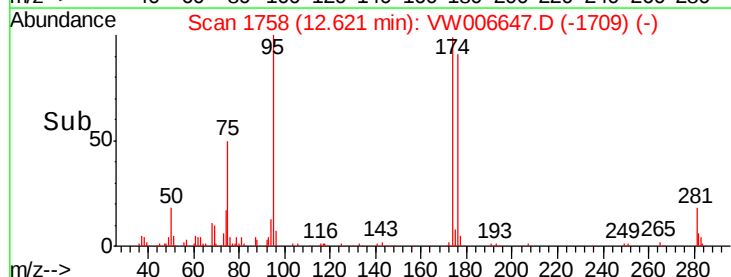
12.55

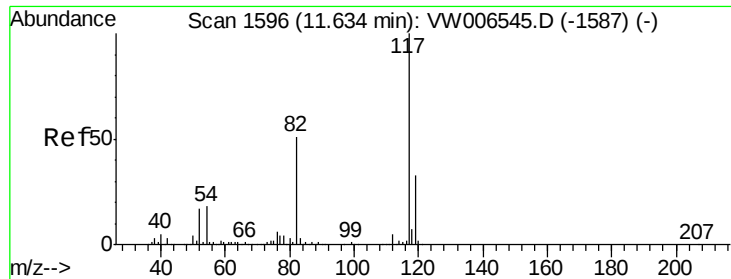
12.60

12.65

12.70

Time-->

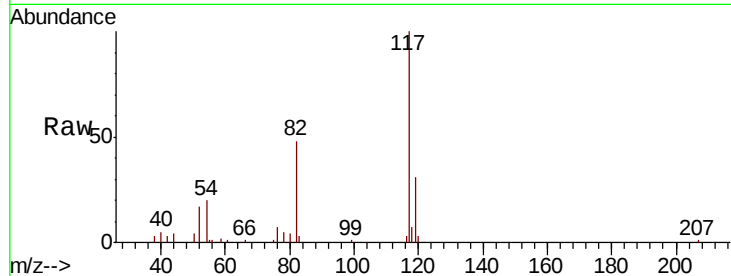




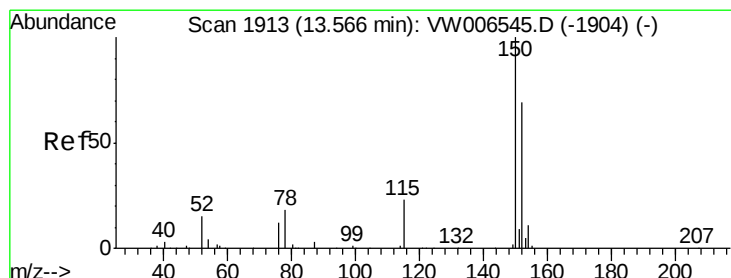
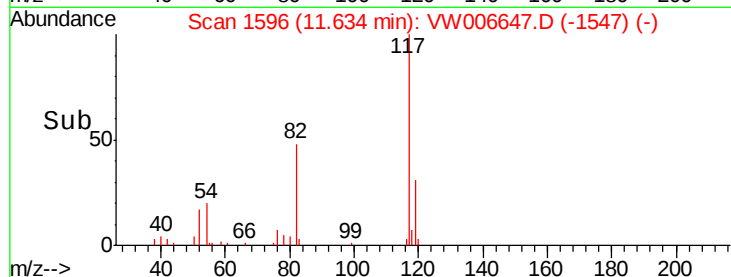
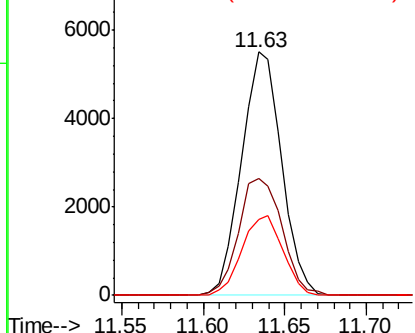
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006647.D
Acq: 05 Nov 2018 19:59

Instrument :
MSVOA_W
ClientSampleId :
SODUS-TS-002

Tot Ion	Ratio	Lower	Upper
117	100		
82	48.1	40.8	61.2
119	31.4	26.1	39.1

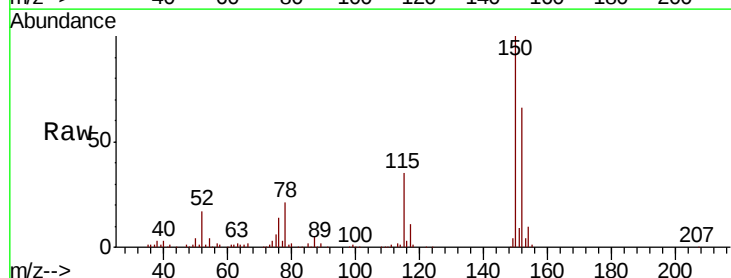


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006647.D
Acq: 05 Nov 2018 19:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.9	26.6	79.8
150	155.5	0.0	344.6



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

