

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092418\
 Data File : VW005598.D
 Acq On : 24 Sep 2018 20:56
 Operator : VA/AP
 Sample : J4993-04RE
 Misc : 5.20G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NS-SLUDGERE

Quant Time: Sep 25 07:39:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

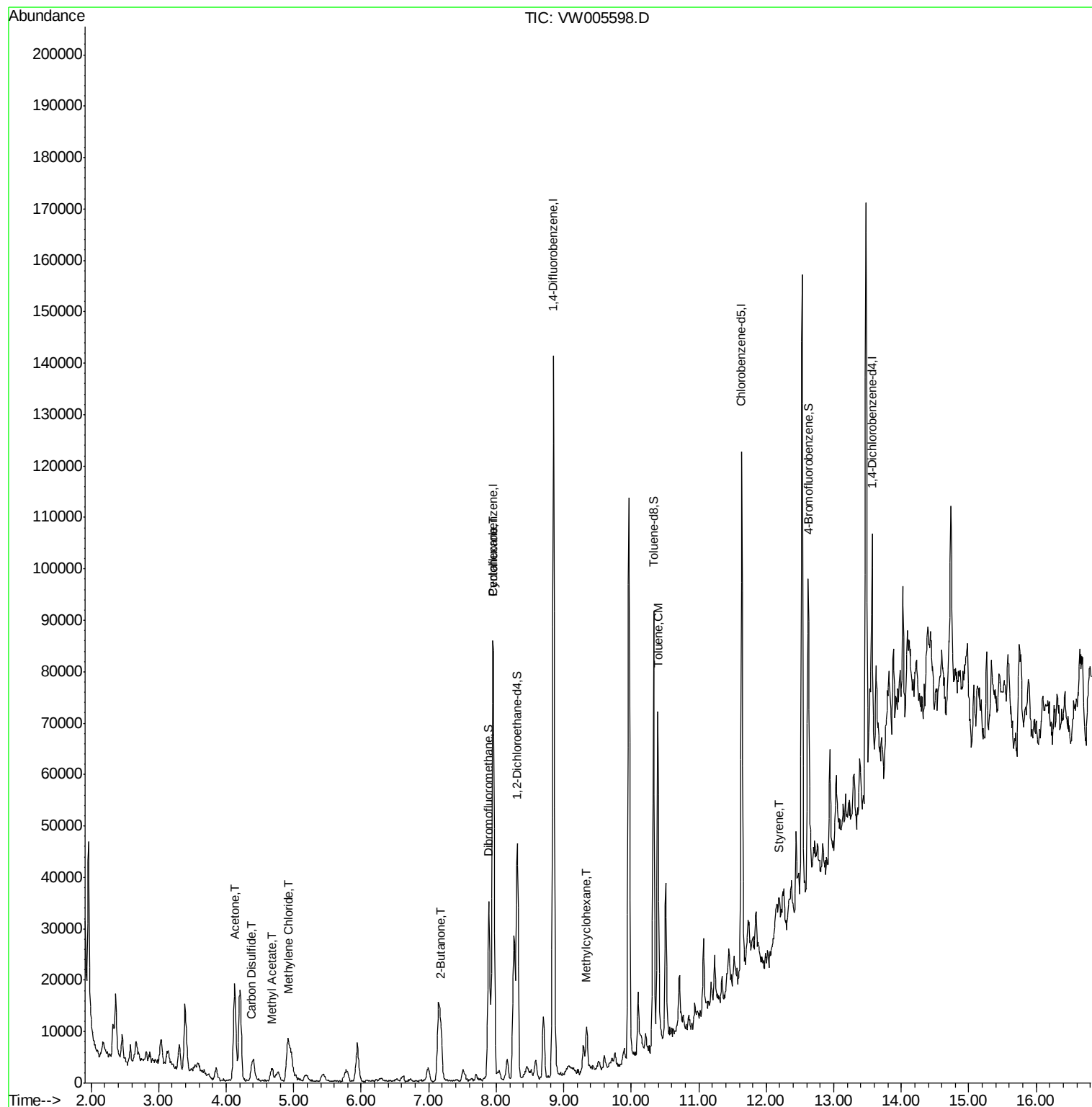
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	60227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	110552	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	56831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	12720	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	37244	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.98%	
35) Dibromofluoromethane	7.89	113	23660	34.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.06%	
50) Toluene-d8	10.33	98	52451	18.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	37.06%	
62) 4-Bromofluorobenzene	12.63	95	12476	11.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	23.82%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	32833	296.096	ug/l	99
17) Carbon Disulfide	4.37	76	3592	2.096	ug/l	95
18) Methyl Acetate	4.67	43	4823	14.342	ug/l	95
20) Methylene Chloride	4.92	84	5612	5.636	ug/l	88
25) 2-Butanone	7.18	43	13255	76.918	ug/l	99
31) Cyclohexane	7.95	56	3543	3.221	ug/l #	58
39) Methylcyclohexane	9.34	83	3492	2.660	ug/l	95
52) Toluene	10.39	92	27596	14.026	ug/l	98
70) Styrene	12.19	104	1991	1.561	ug/l	94

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092418\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 21 09:05:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW005598.D

Acq: 24 Sep 2018 20:56

Instrument :

MSVOA_W

ClientSampleId :

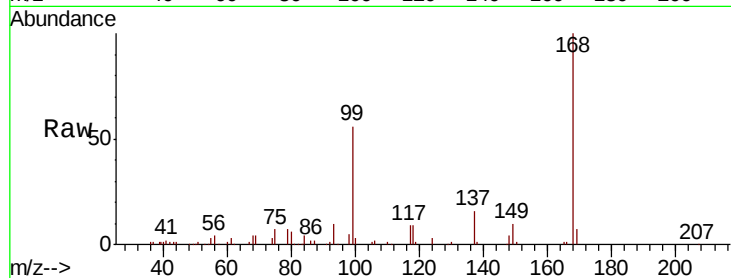
NS-SLUDGERE

Tot Ion:168 Resp: 60227

Ion Ratio Lower Upper

168 100

99 55.6 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

30000

25000

20000

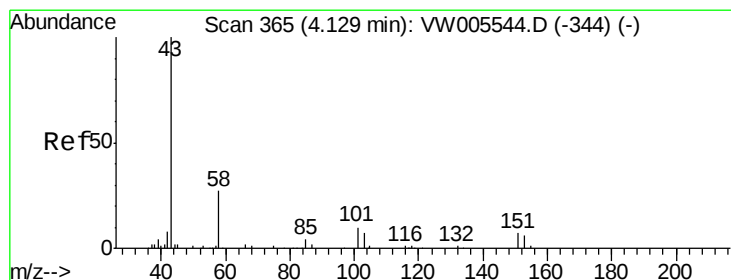
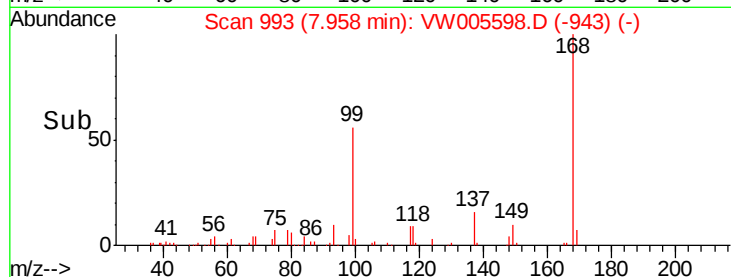
15000

10000

5000

0

Time-->



#16

Acetone

Concen: 296.096 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW005598.D

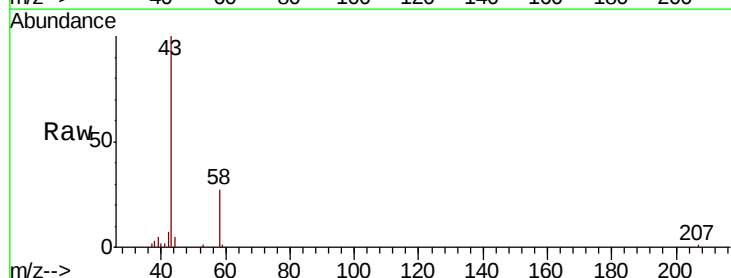
Acq: 24 Sep 2018 20:56

Tgt Ion: 43 Resp: 32833

Ion Ratio Lower Upper

43 100

58 26.6 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

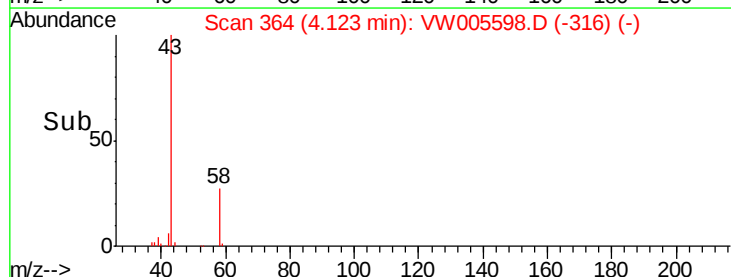
4.12

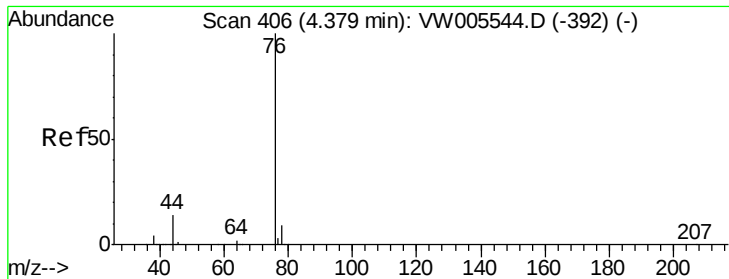
10000

5000

0

Time-->





#17

Carbon Disulfide

Concen: 2.096 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW005598.D

Acq: 24 Sep 2018 20:56

Instrument :

MSVOA_W

ClientSampleId :

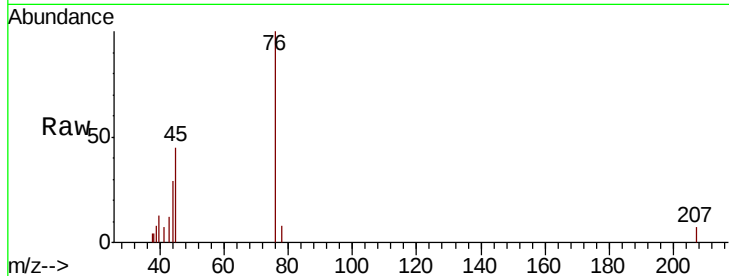
NS-SLUDGERE

Tot Ion: 76 Resp: 3592

Ion Ratio Lower Upper

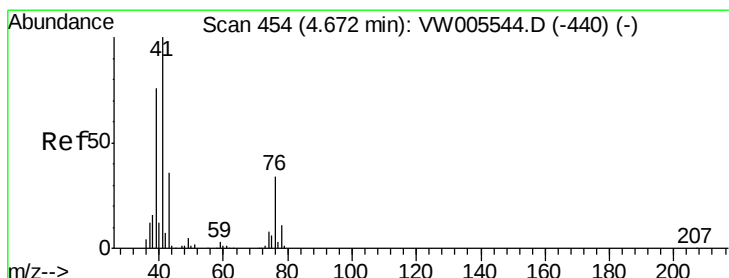
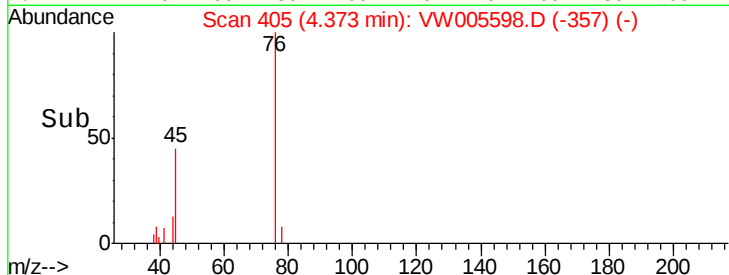
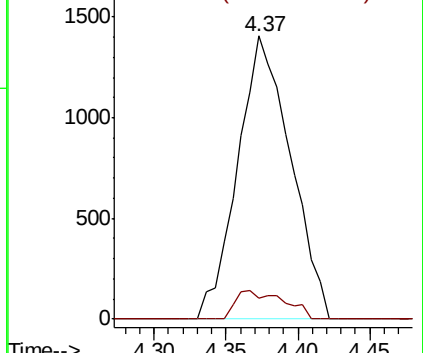
76 100

78 7.5 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 14.342 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW005598.D

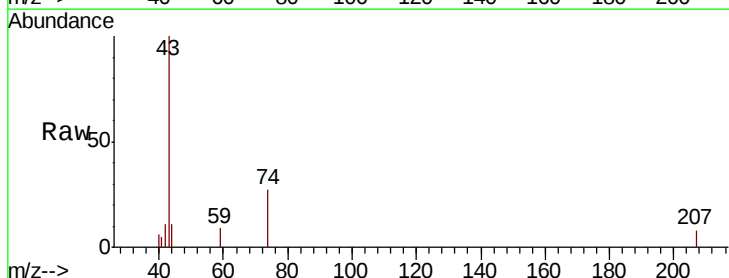
Acq: 24 Sep 2018 20:56

Tgt Ion: 43 Resp: 4823

Ion Ratio Lower Upper

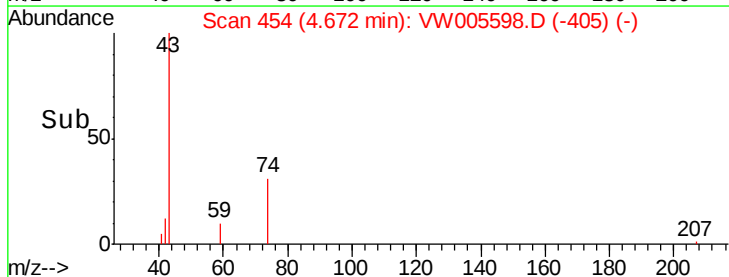
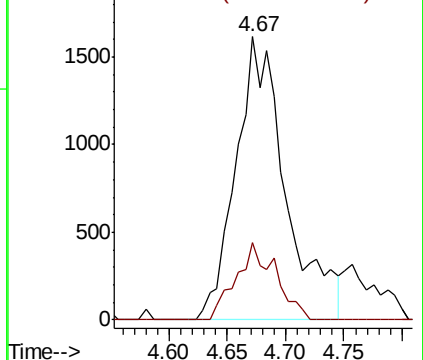
43 100

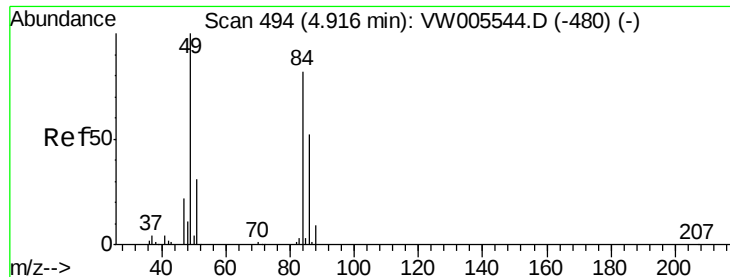
74 21.5 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



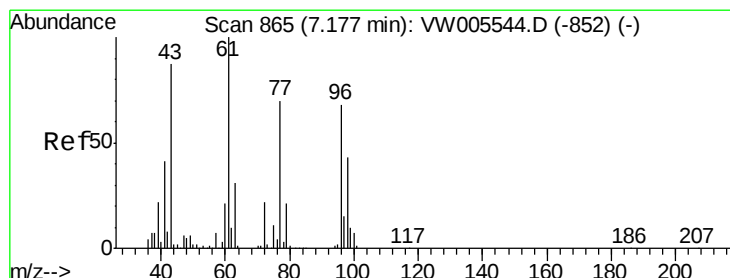
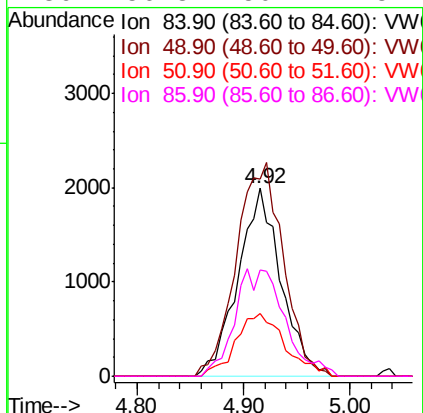
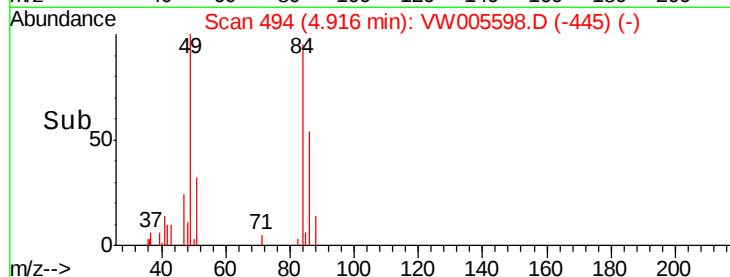
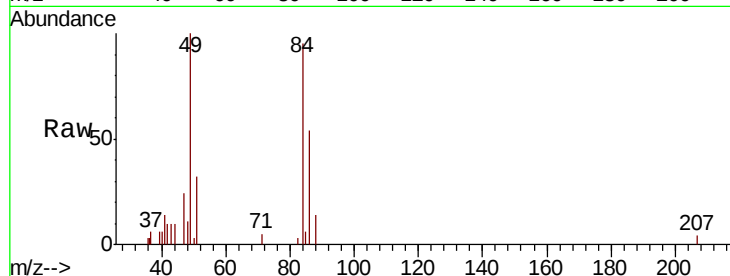


#20
Methylene Chloride
Concen: 5.636 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW005598.D
Acq: 24 Sep 2018 20:56

Instrument :
MSVOA_W
ClientSampleId :
NS-SLUDGERE

Tot Ion: 84 Resp: 5612

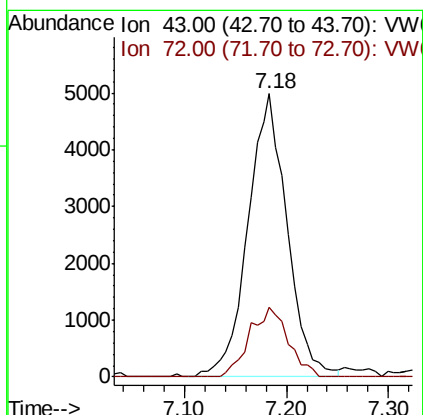
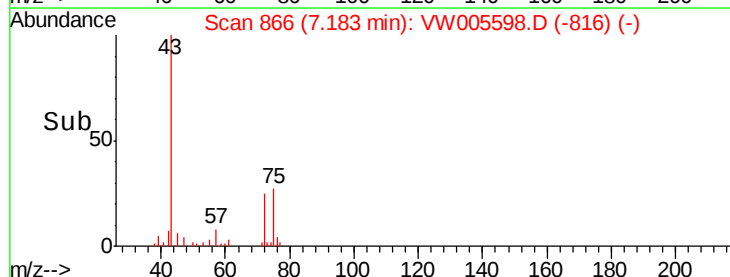
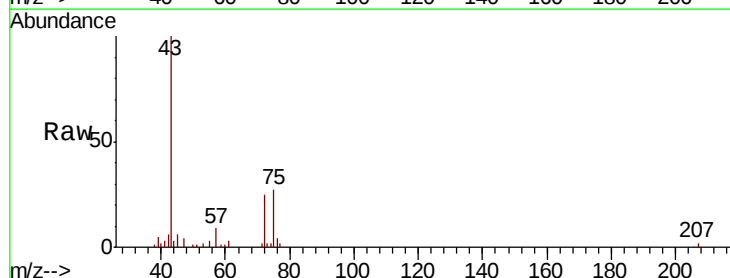
Ion	Ratio	Lower	Upper
84	100		
49	104.8	97.0	145.6
51	33.3	30.2	45.2
86	56.8	50.2	75.4

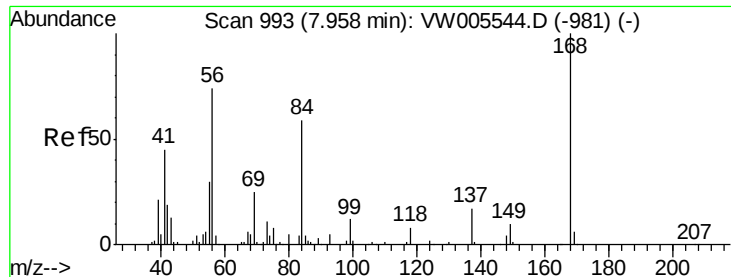


#25
2-Butanone
Concen: 76.918 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW005598.D
Acq: 24 Sep 2018 20:56

Tgt Ion: 43 Resp: 13255

Ion	Ratio	Lower	Upper
43	100		
72	24.6	19.9	29.9

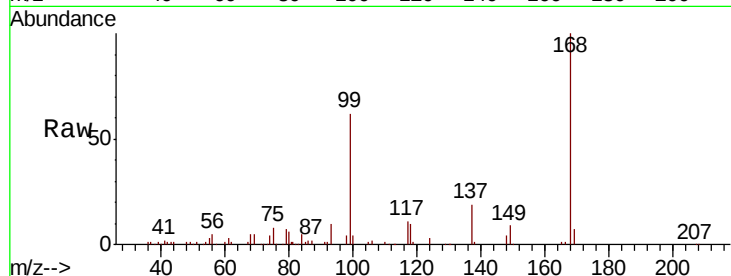




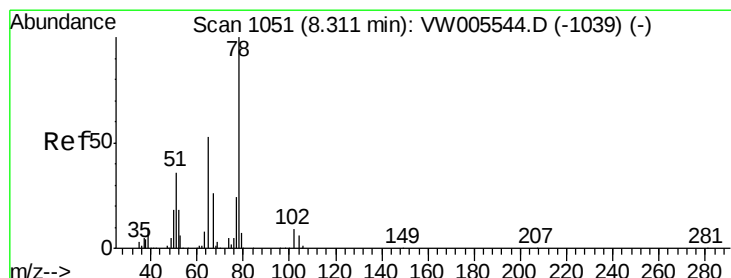
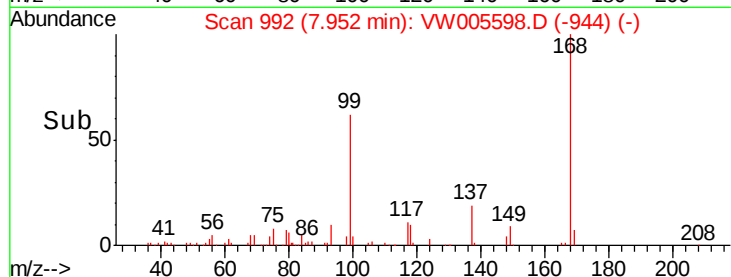
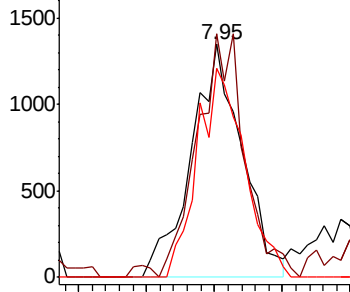
#31
Cyclohexane
Concen: 3.221 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005598.D
Acq: 24 Sep 2018 20:56

Instrument :
MSVOA_W
ClientSampleId :
NS-SLUDGERE

Tot Ion: 56 Resp: 3543
Ion Ratio Lower Upper
56 100
69 100.1 27.0 40.4#
84 90.0 64.2 96.4

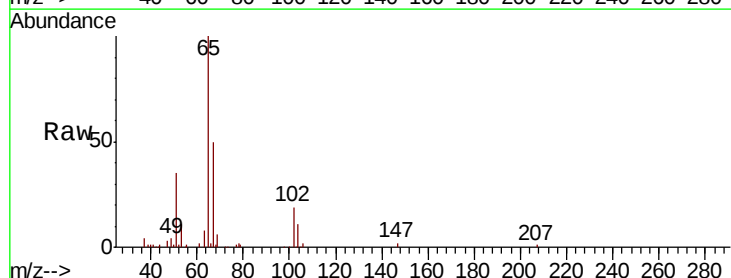


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

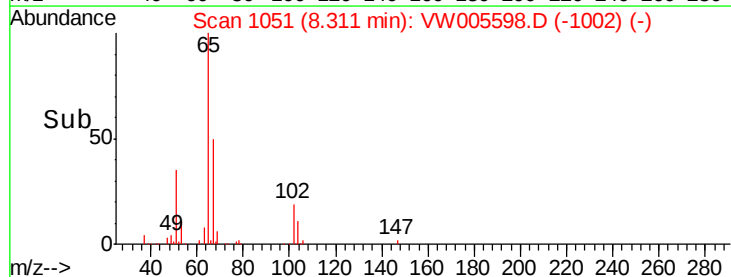
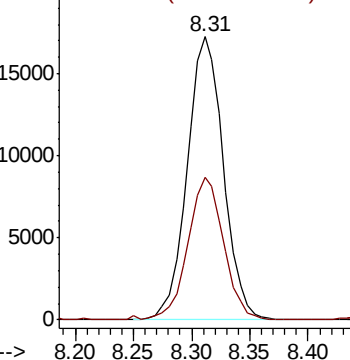


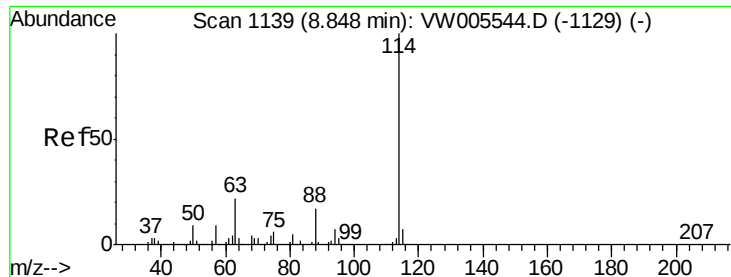
#33
1,2-Dichloroethane-d4
Concen: 52.492 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005598.D
Acq: 24 Sep 2018 20:56

Tgt Ion: 65 Resp: 37244
Ion Ratio Lower Upper
65 100
67 49.9 0.0 100.6



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

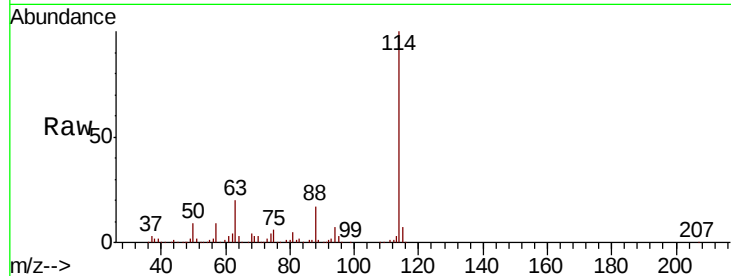




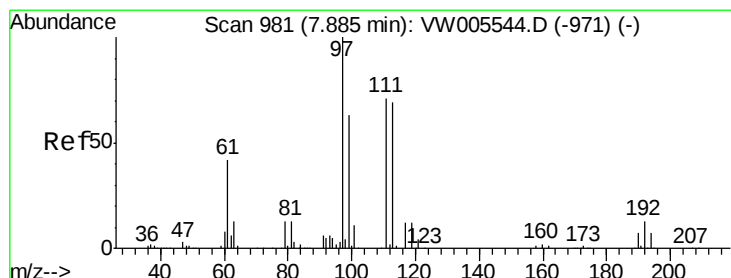
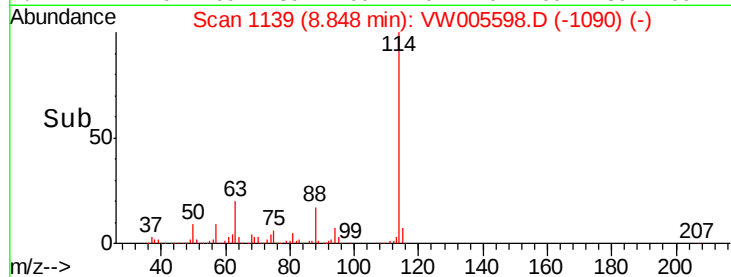
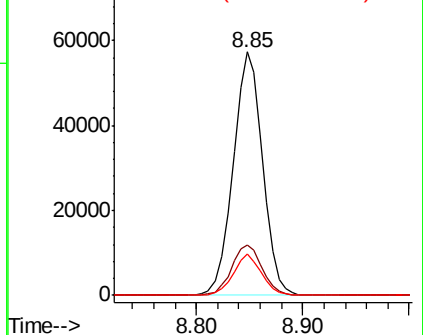
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005598.D
 Acq: 24 Sep 2018 20:56

Instrument :
 MSVOA_W
 ClientSampleId :
 NS-SLUDGERE

Tot Ion:	114	Resp:	110552
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	43.0
88	17.2	0.0	33.0

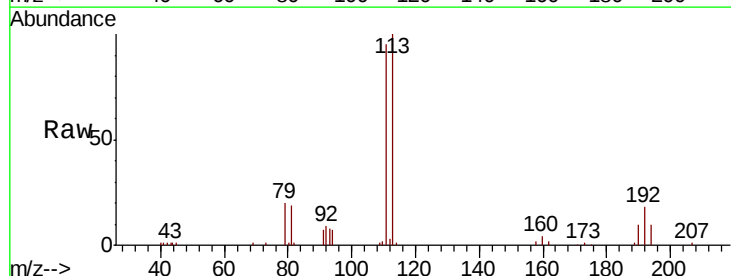


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

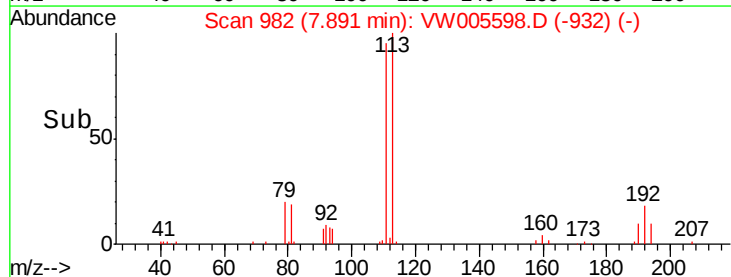
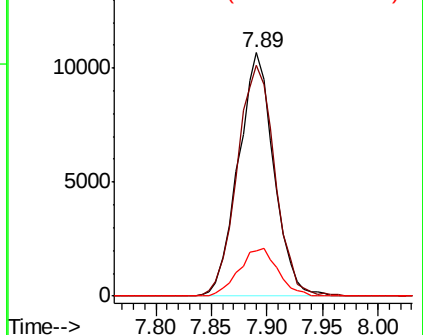


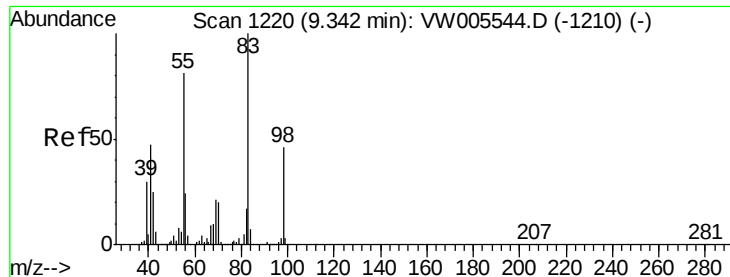
#35
 Dibromofluoromethane
 Concen: 34.032 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005598.D
 Acq: 24 Sep 2018 20:56

Tgt Ion:	113	Resp:	23660
Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.6	123.8
192	21.3	17.0	25.4



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

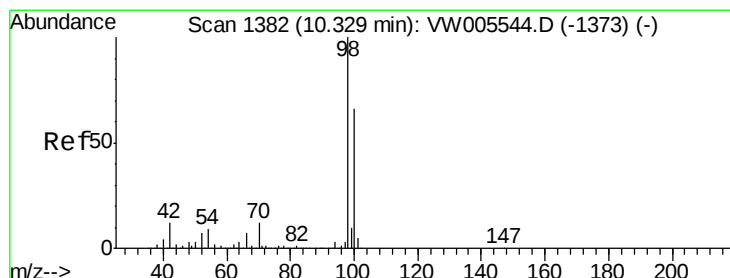
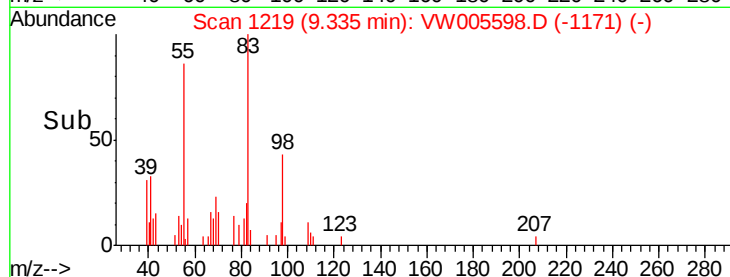
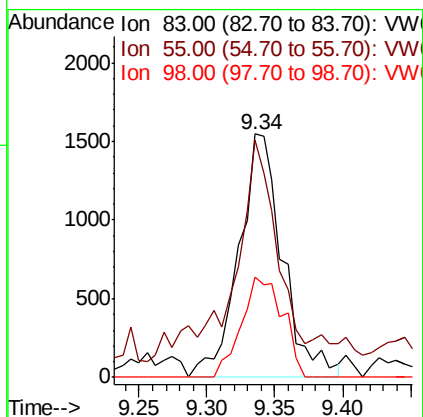
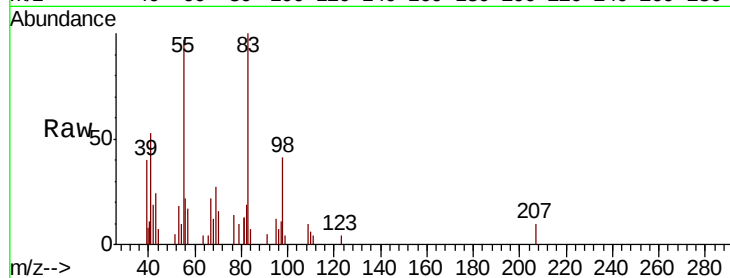




#39
Methylcyclohexane
Concen: 2.660 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW005598.D
Acq: 24 Sep 2018 20:56

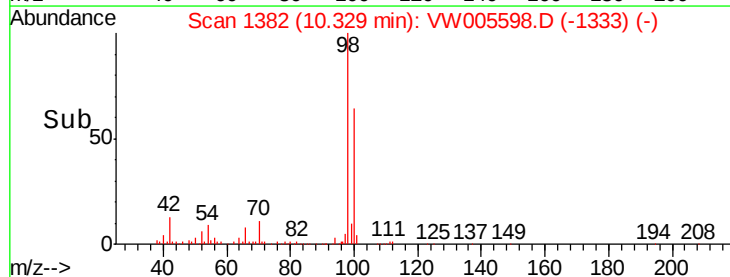
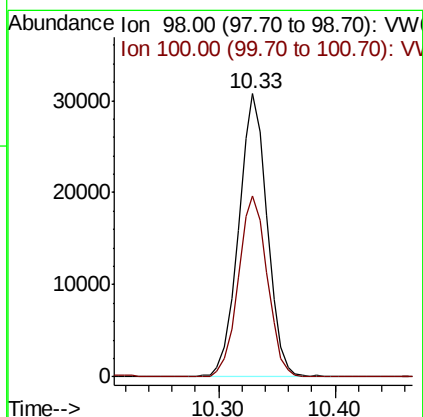
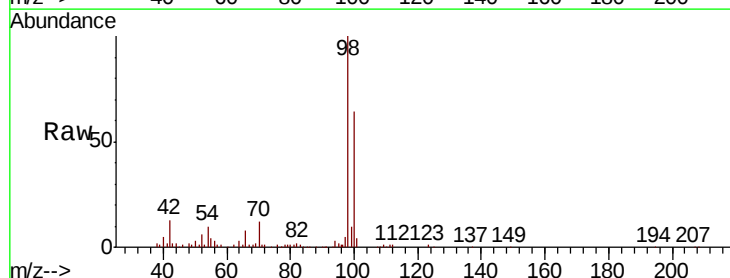
Instrument :
MSVOA_W
ClientSampleId :
NS-SLUDGERE

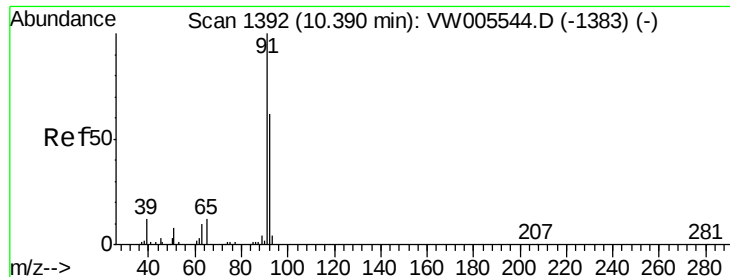
Tot Ion: 83 Resp: 3492
Ion Ratio Lower Upper
83 100
55 83.3 64.6 97.0
98 41.1 37.0 55.6



#50
Toluene-d8
Concen: 18.529 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005598.D
Acq: 24 Sep 2018 20:56

Tgt Ion: 98 Resp: 52451
Ion Ratio Lower Upper
98 100
100 65.1 51.6 77.4





#52

Toluene

Concen: 14.026 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW005598.D

Acq: 24 Sep 2018 20:56

Instrument :

MSVOA_W

ClientSampleId :

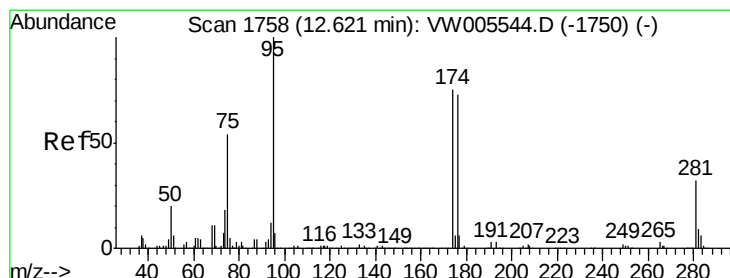
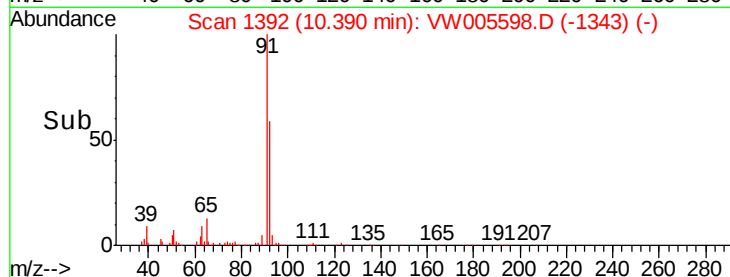
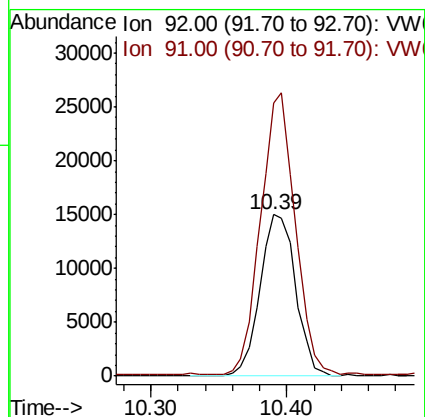
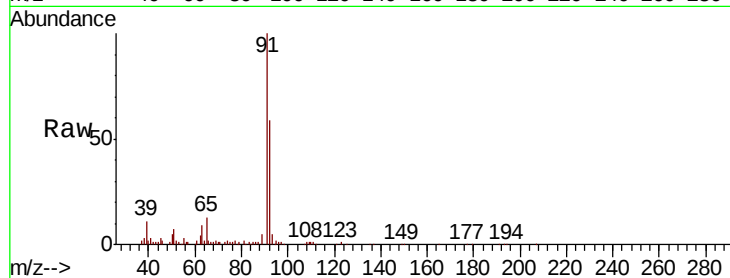
NS-SLUDGERE

Tot Ion: 92 Resp: 27596

Ion Ratio Lower Upper

92 100

91 168.4 137.1 205.7



#62

4-Bromofluorobenzene

Concen: 11.911 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005598.D

Acq: 24 Sep 2018 20:56

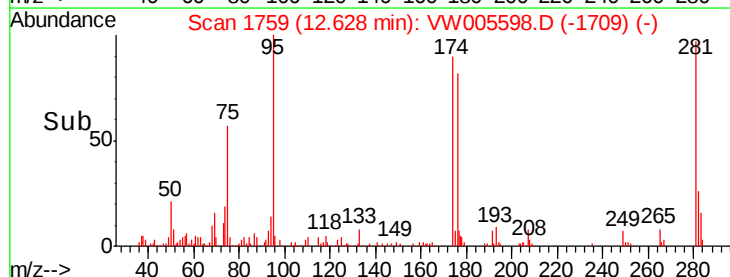
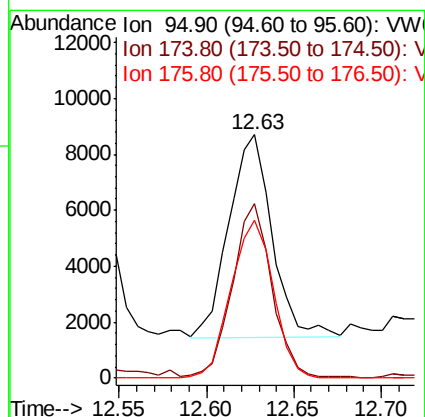
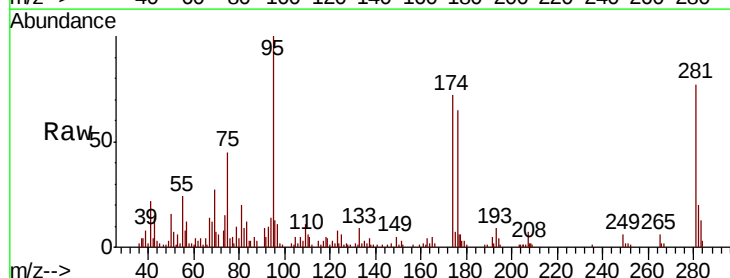
Tgt Ion: 95 Resp: 12476

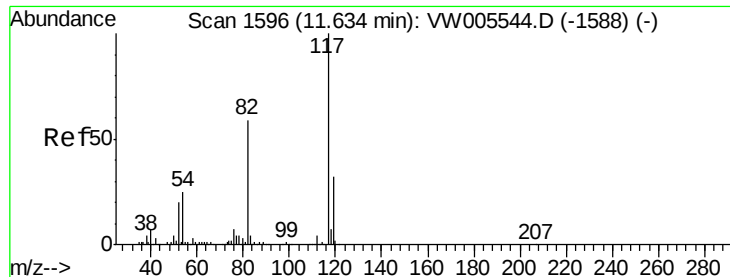
Ion Ratio Lower Upper

95 100

174 79.0 0.0 163.8

176 76.1 0.0 158.0

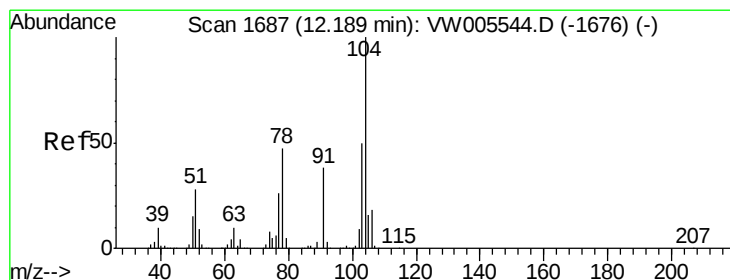
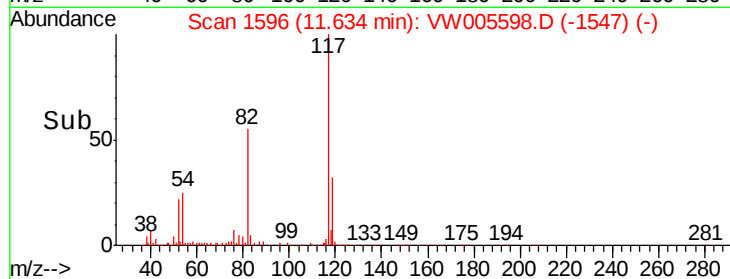
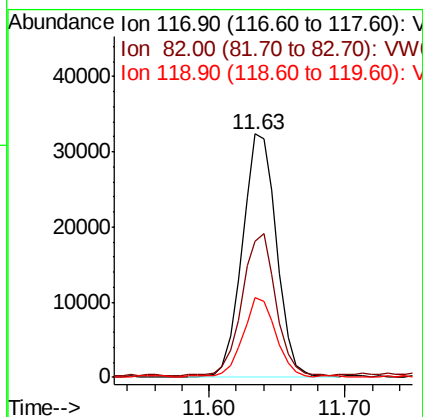
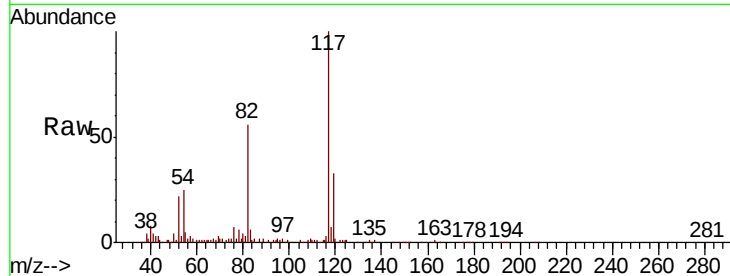




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005598.D
Acq: 24 Sep 2018 20:56

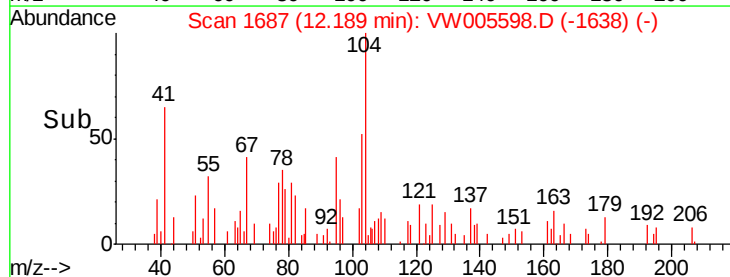
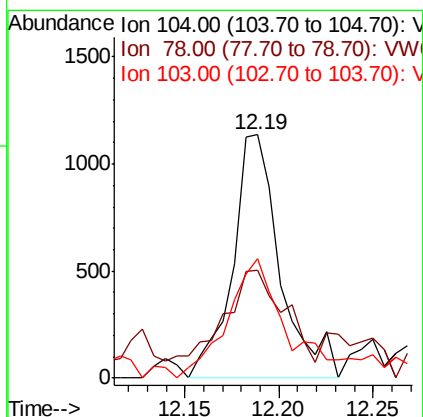
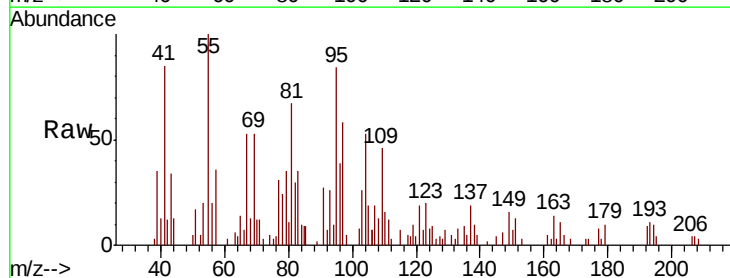
Instrument :
MSVOA_W
ClientSampleId :
NS-SLUDGERE

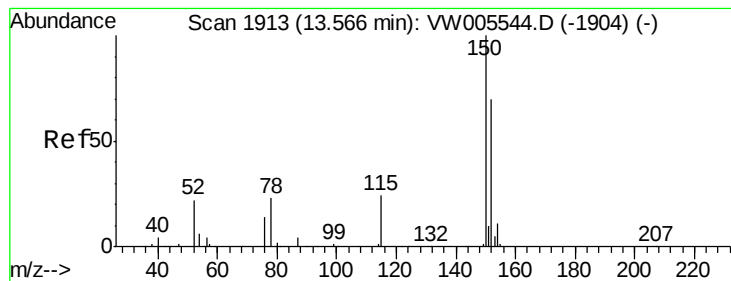
Tot Ion:117 Resp: 56831
Ion Ratio Lower Upper
117 100
82 54.9 46.9 70.3
119 32.1 25.7 38.5



#70
Styrene
Concen: 1.561 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005598.D
Acq: 24 Sep 2018 20:56

Tgt Ion:104 Resp: 1991
Ion Ratio Lower Upper
104 100
78 46.8 42.2 63.4
103 59.1 44.6 66.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005598.D

Acq: 24 Sep 2018 20:56

Instrument :

MSVOA_W

ClientSampleId :

NS-SLUDGERE

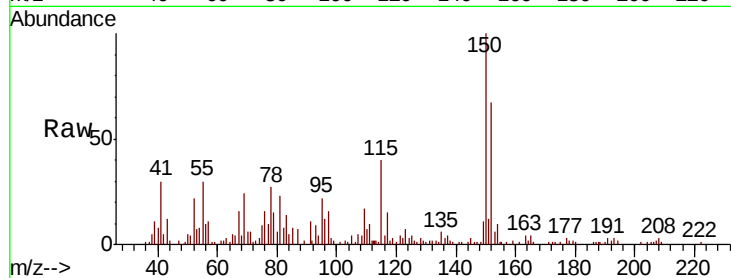
Tot Ion:152 Resp: 12720

Ion Ratio Lower Upper

152 100

115 54.7 30.0 90.0

150 145.3 0.0 348.6



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

