

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
 Data File : VW007077.D
 Acq On : 27 Nov 2018 06:01
 Operator : VAY/AP
 Sample : J6065-01
 Misc : 5.83G/5ML/MSVOA_W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 USTS-1-2-3

Quant Time: Nov 27 07:59:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

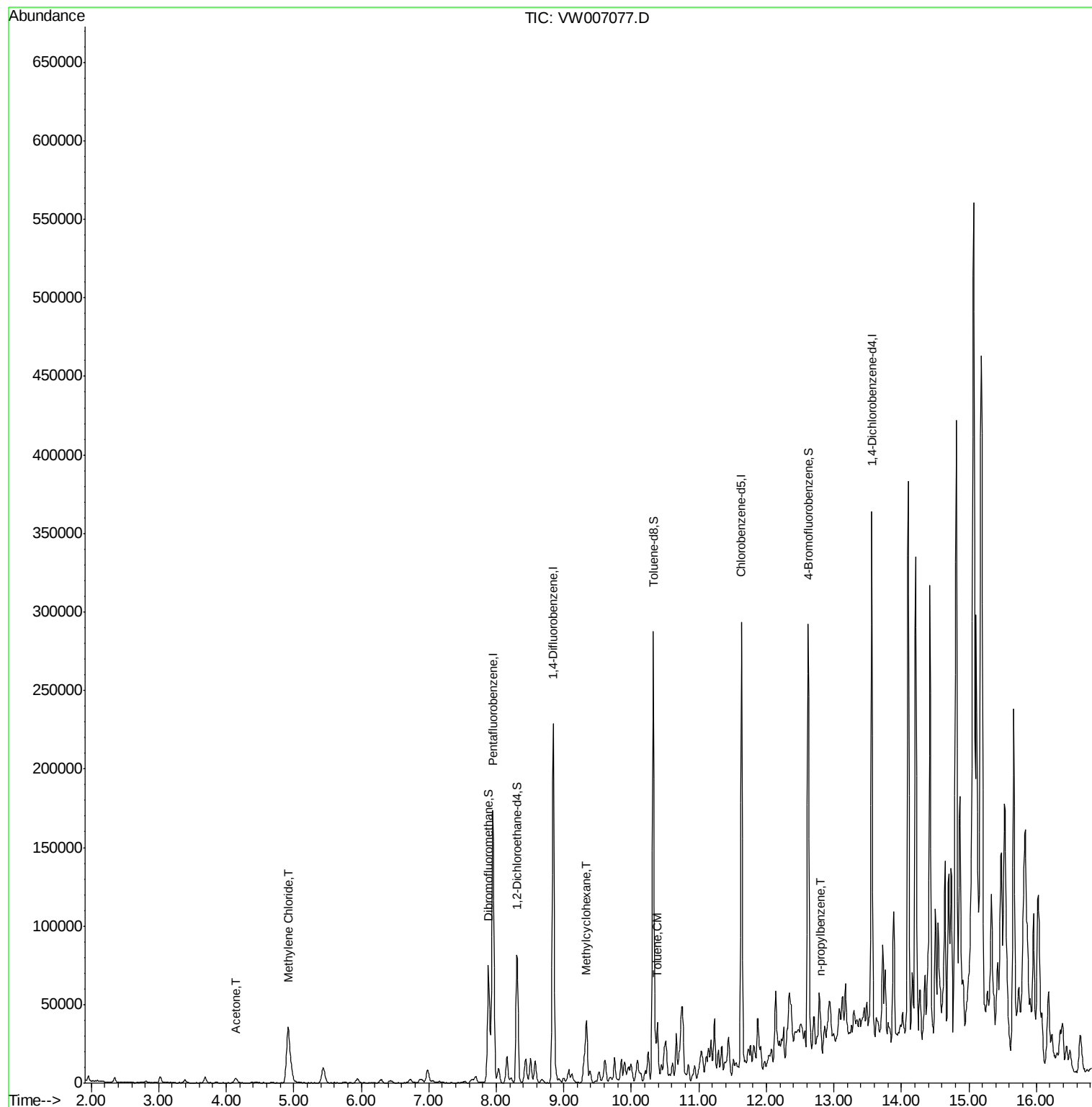
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	120491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	189425	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	159766	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	86784	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	64729	54.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.74%	
35) Dibromofluoromethane	7.88	113	54079	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
50) Toluene-d8	10.32	98	162911	34.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.98%	
62) 4-Bromofluorobenzene	12.62	95	89234	48.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.00%	
Target Compounds						
16) Acetone	4.15	43	6118	35.72	ug/l	98
20) Methylene Chloride	4.92	84	24861	14.37	ug/l	98
39) Methylcyclohexane	9.34	83	15438	6.66	ug/l	91
52) Toluene	10.39	92	14667	4.31	ug/l	95
78) n-propylbenzene	12.81	91	10279	1.26	ug/l	98

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

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Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007077.D

Acq: 27 Nov 2018 06:01

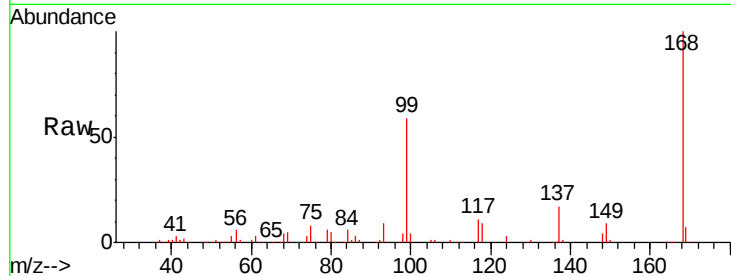
Instrument :
MSVOA_W
ClientSampleId :
USTS-1-2-3

Tgt Ion:168 Resp: 120491

Ion Ratio Lower Upper

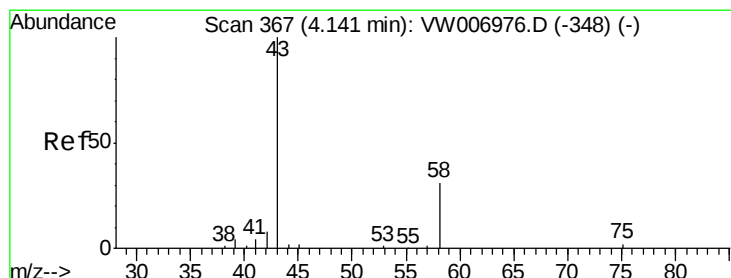
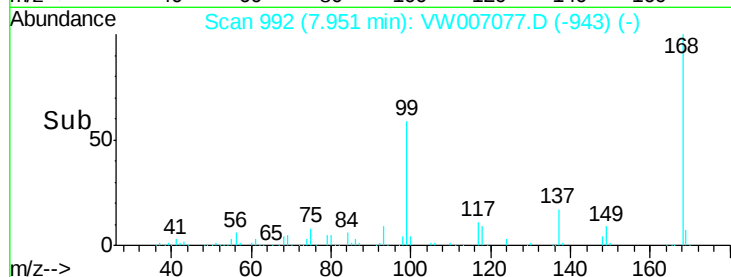
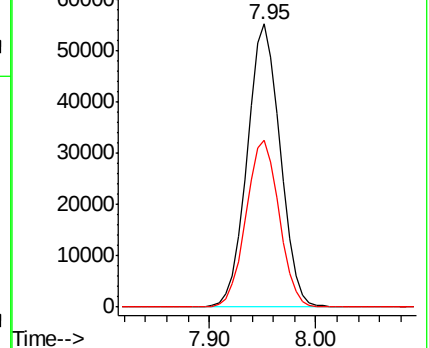
168 100

99 59.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 35.72 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW007077.D

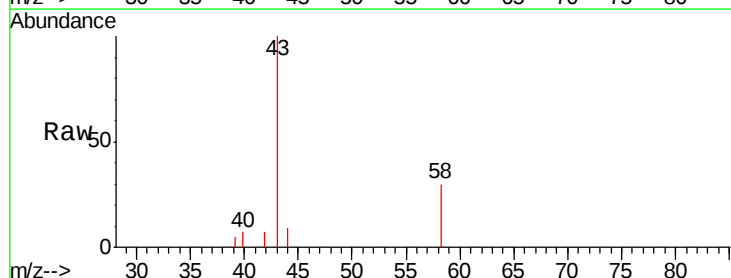
Acq: 27 Nov 2018 06:01

Tgt Ion: 43 Resp: 6118

Ion Ratio Lower Upper

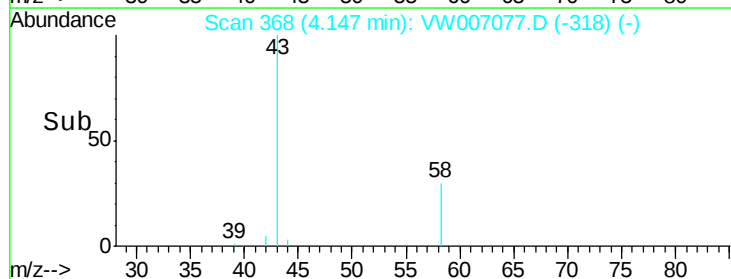
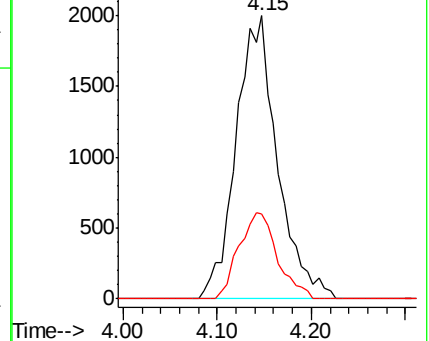
43 100

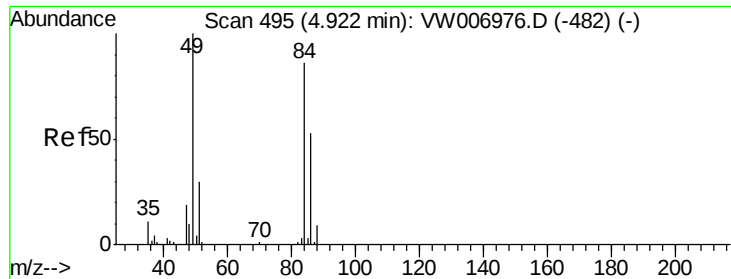
58 29.8 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 14.37 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW007077.D

Acq: 27 Nov 2018 06:01

Instrument :

MSVOA_W

ClientSampleId :

USTS-1-2-3

Tgt Ion: 84 Resp: 24861

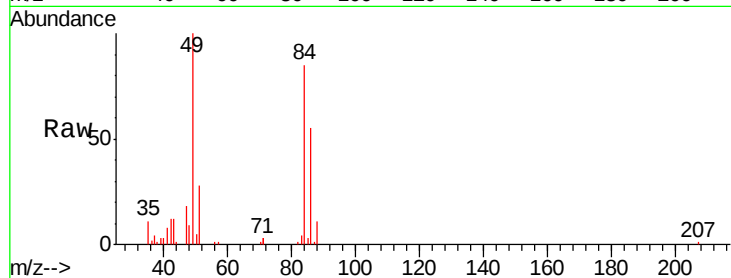
Ion Ratio Lower Upper

84 100

49 117.2 93.4 140.0

51 33.3 28.4 42.6

86 64.4 49.8 74.8

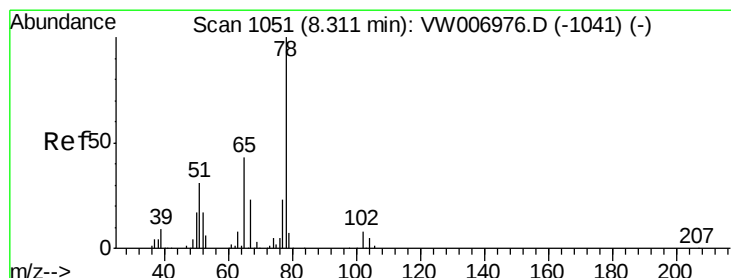
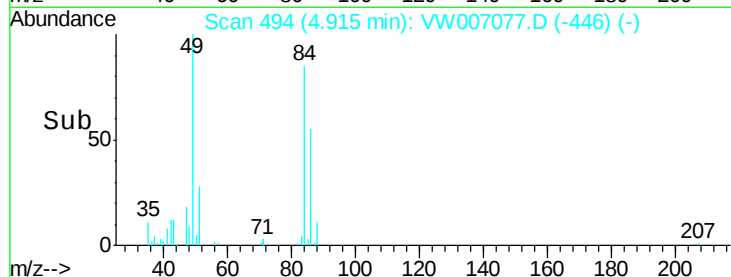
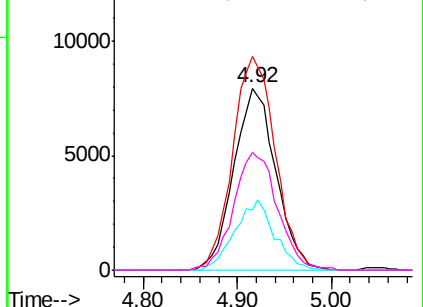


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 54.87 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW007077.D

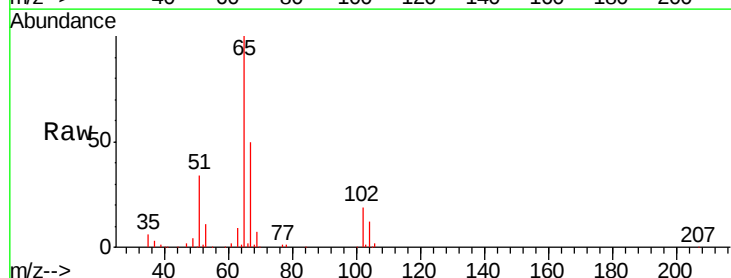
Acq: 27 Nov 2018 06:01

Tgt Ion: 65 Resp: 64729

Ion Ratio Lower Upper

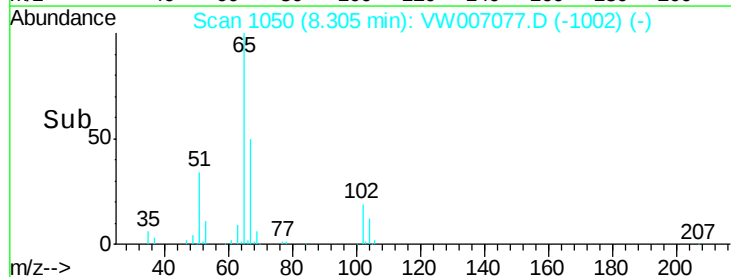
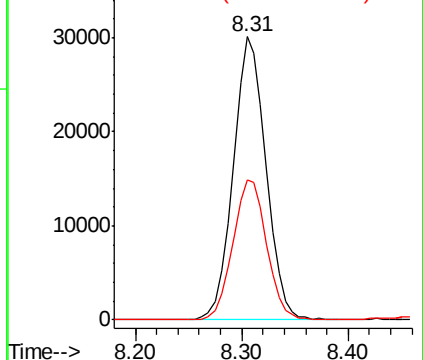
65 100

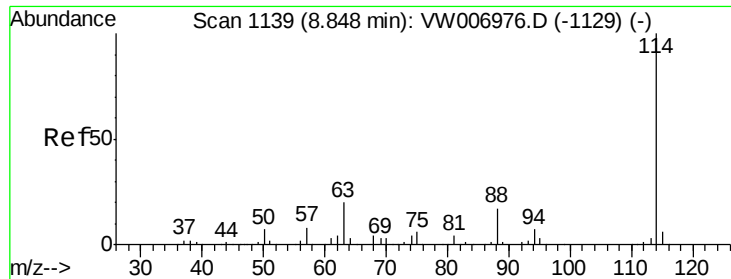
67 51.2 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

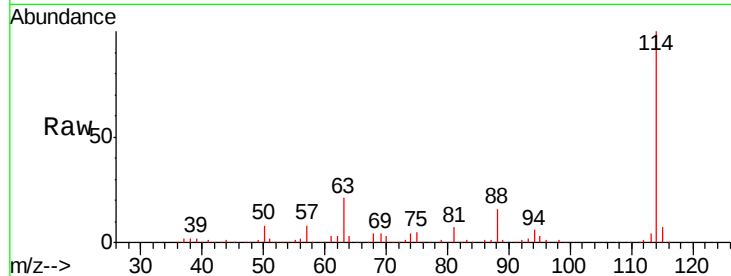




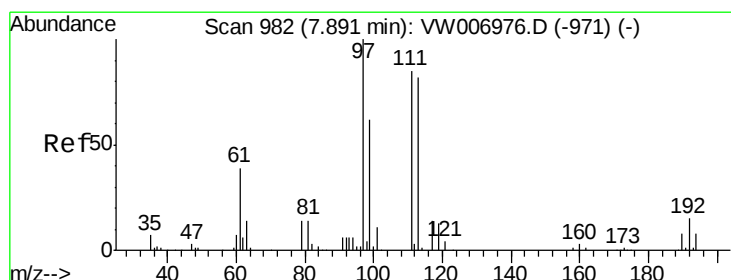
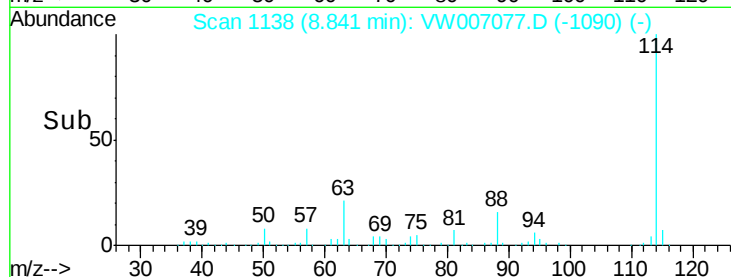
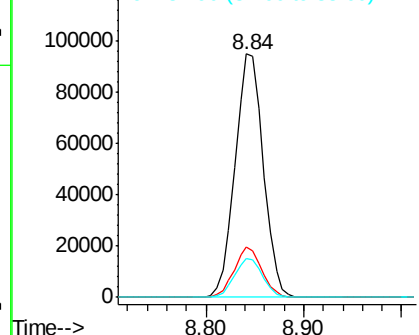
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007077.D
 Acq: 27 Nov 2018 06:01

Instrument :
 MSVOA_W
 ClientSampleId :
 USTS-1-2-3

Tgt Ion:114 Resp: 189425
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.4
 88 16.2 0.0 34.2

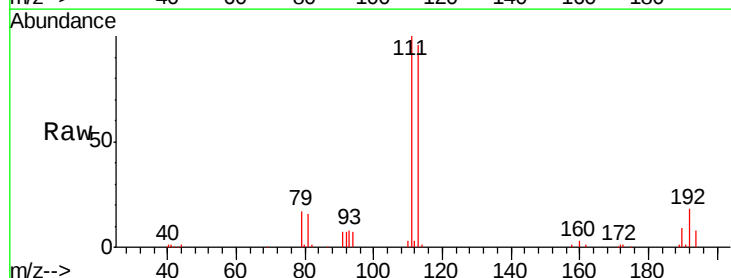


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

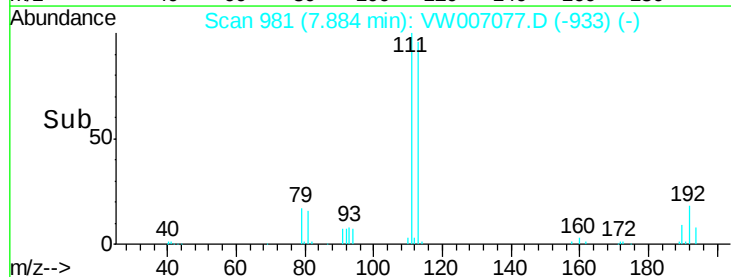
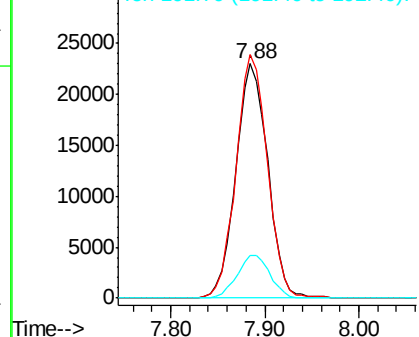


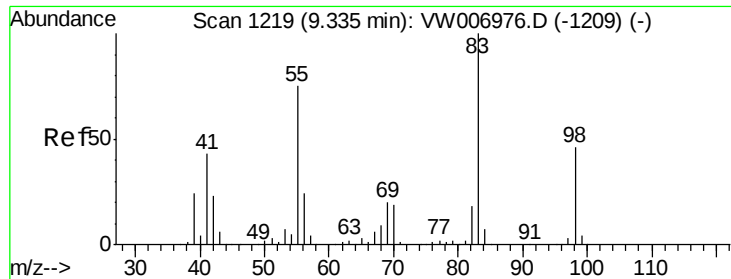
#35
 Dibromofluoromethane
 Concen: 50.55 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007077.D
 Acq: 27 Nov 2018 06:01

Tgt Ion:113 Resp: 54079
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.0 121.6
 192 18.5 15.0 22.6



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

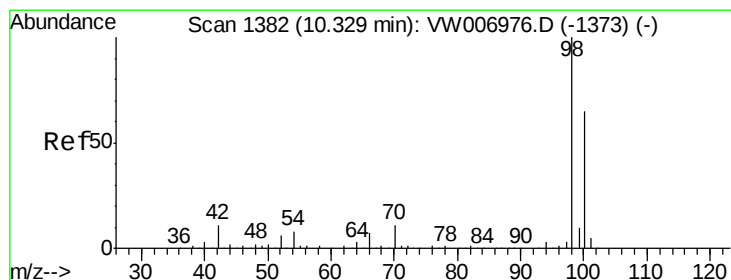
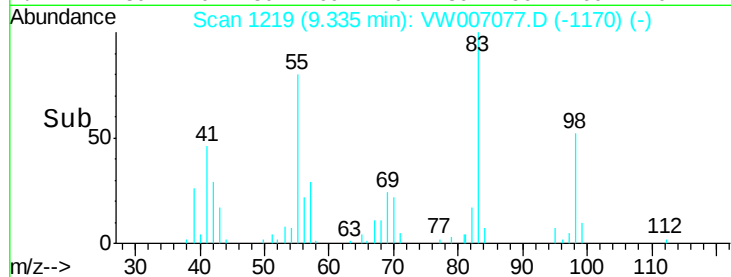
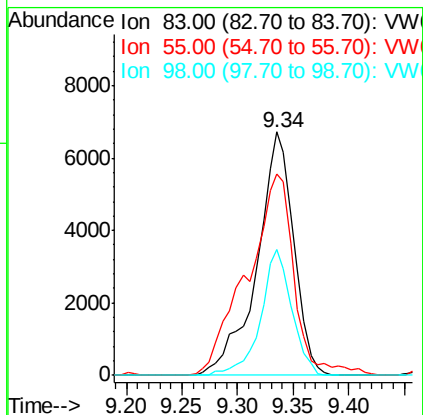
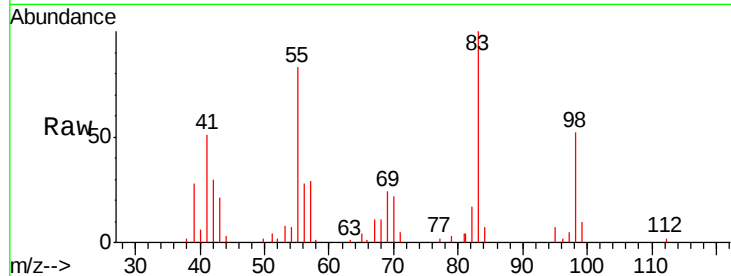




#39
Methylcyclohexane
Concen: 6.66 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007077.D
Acq: 27 Nov 2018 06:01

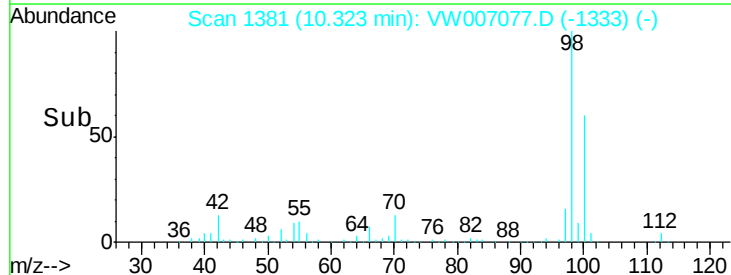
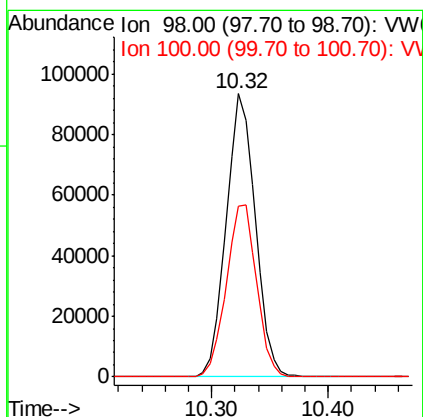
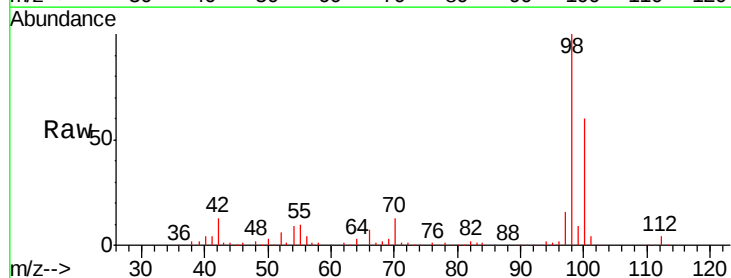
Instrument :
MSVOA_W
ClientSampleId :
USTS-1-2-3

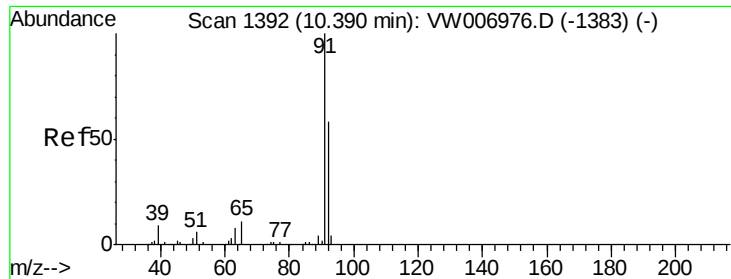
Tgt Ion: 83 Resp: 15438
Ion Ratio Lower Upper
83 100
55 82.8 59.6 89.4
98 51.7 37.1 55.7



#50
Toluene-d8
Concen: 34.49 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007077.D
Acq: 27 Nov 2018 06:01

Tgt Ion: 98 Resp: 162911
Ion Ratio Lower Upper
98 100
100 62.9 52.2 78.2





#52

Toluene

Concen: 4.31 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007077.D

Acq: 27 Nov 2018 06:01

Instrument :

MSVOA_W

ClientSampleId :

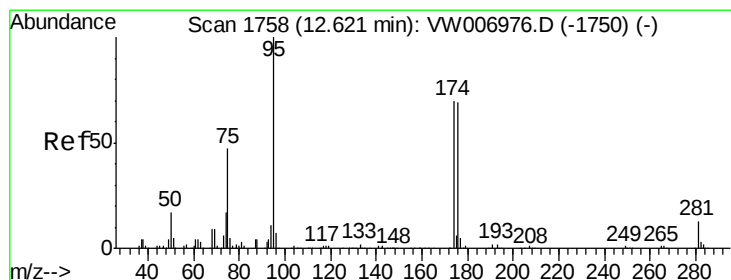
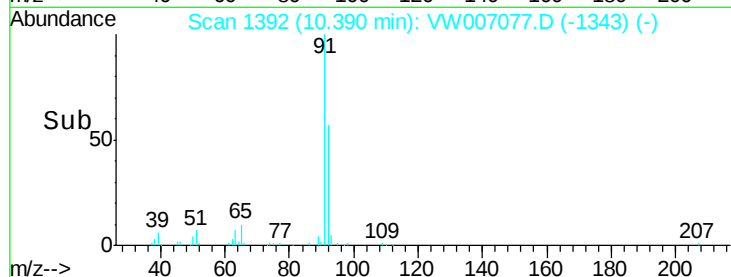
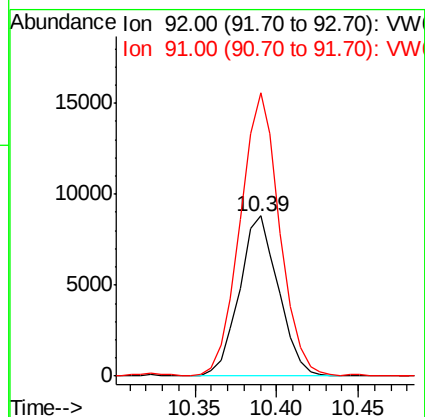
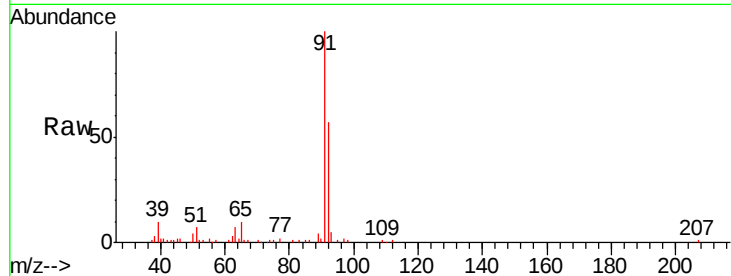
USTS-1-2-3

Tgt Ion: 92 Resp: 14667

Ion Ratio Lower Upper

92 100

91 178.2 137.3 205.9



#62

4-Bromofluorobenzene

Concen: 48.00 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007077.D

Acq: 27 Nov 2018 06:01

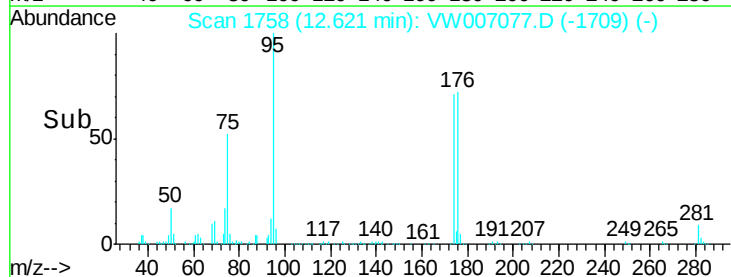
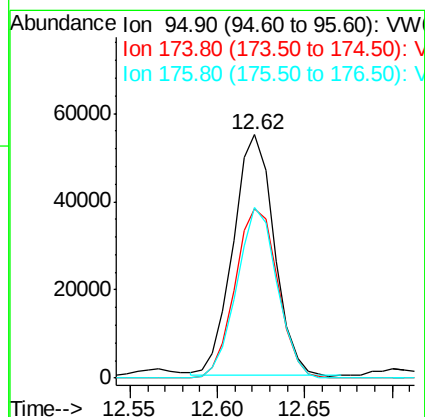
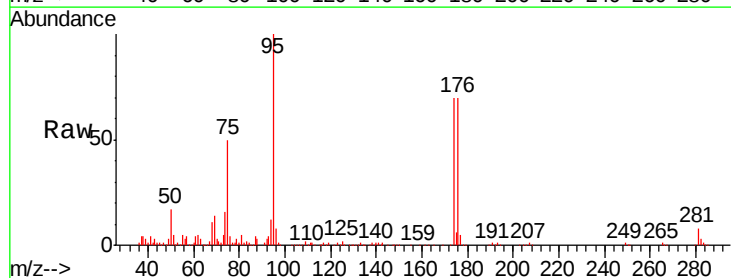
Tgt Ion: 95 Resp: 89234

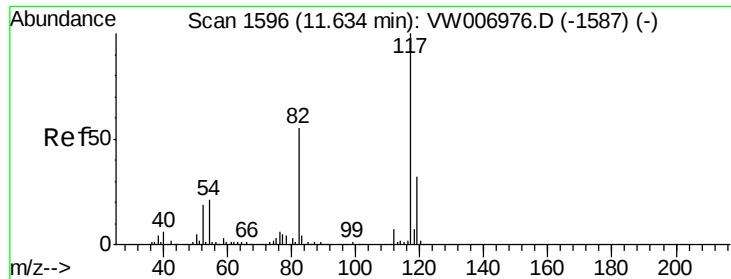
Ion Ratio Lower Upper

95 100

174 73.2 0.0 143.6

176 69.8 0.0 140.4

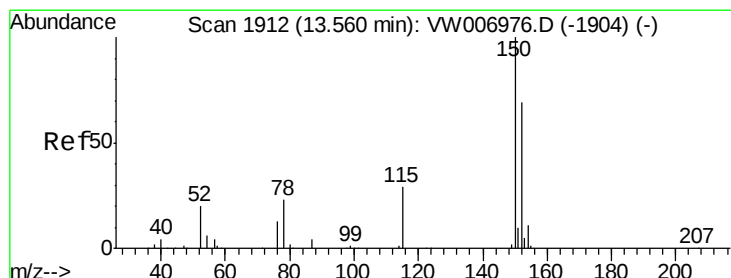
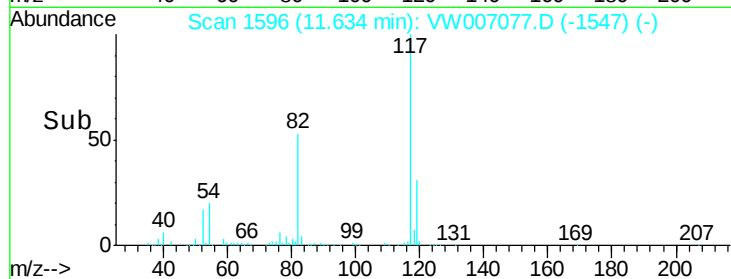
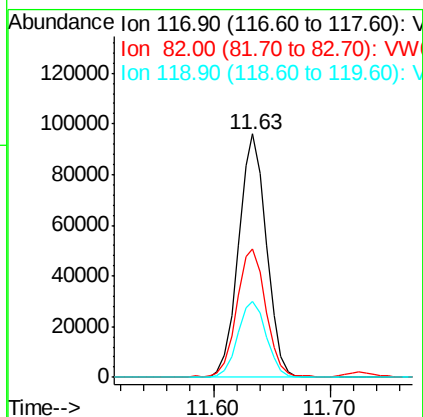
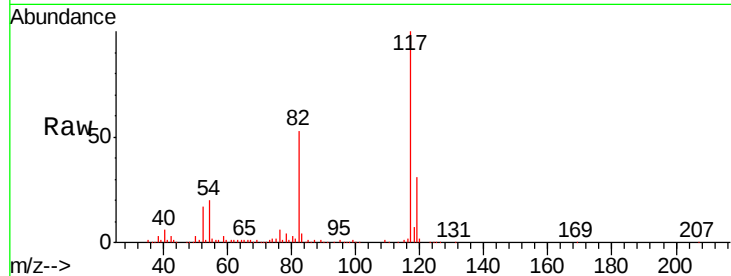




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007077.D
Acq: 27 Nov 2018 06:01

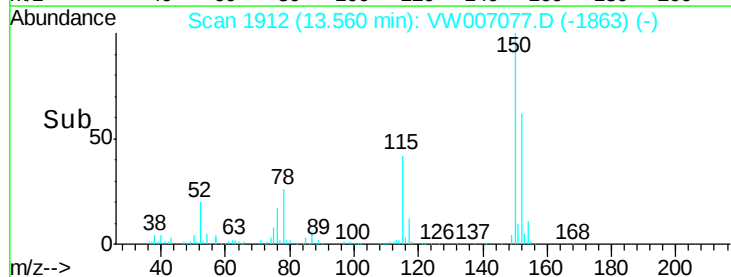
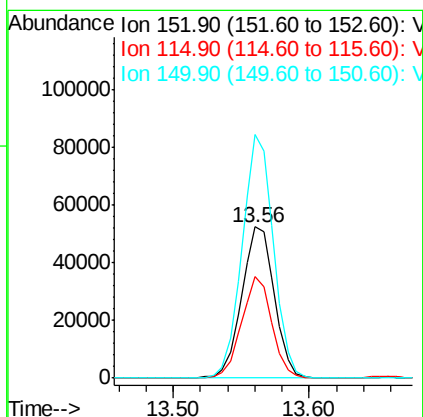
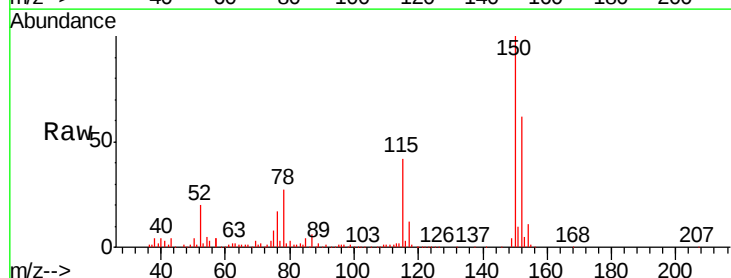
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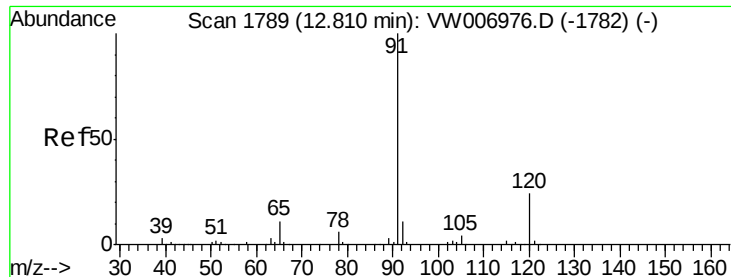
Tgt Ion:117 Resp: 159766
Ion Ratio Lower Upper
117 100
82 52.4 44.2 66.2
119 31.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007077.D
Acq: 27 Nov 2018 06:01

Tgt Ion:152 Resp: 86784
Ion Ratio Lower Upper
152 100
115 63.0 31.4 94.2
150 156.0 0.0 353.4





#78

n-propylbenzene

Concen: 1.26 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007077.D

Acq: 27 Nov 2018 06:01

Instrument :

MSVOA_W

ClientSampleId :

USTS-1-2-3

Tgt Ion: 91 Resp: 10279

Ion Ratio Lower Upper

91 100

120 22.2 11.7 35.1

