

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082819\
 Data File : VW012275.D
 Acq On : 29 Aug 2019 02:02
 Operator : SY/VA
 Sample : K4543-14
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-9-S2

Quant Time: Aug 29 07:33:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

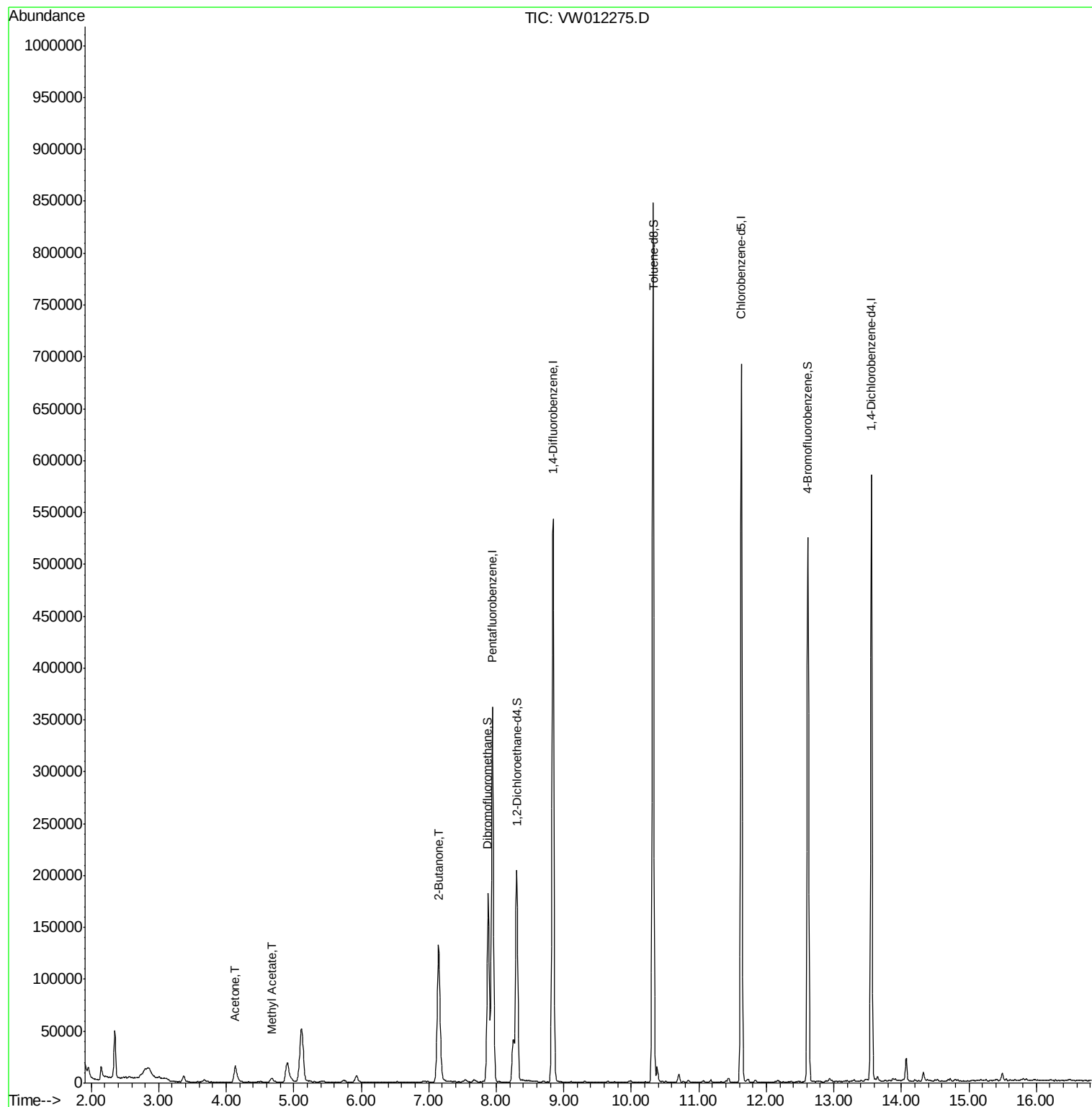
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	263105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	436289	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	363973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	146419	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	162987	52.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.22%	
35) Dibromofluoromethane	7.88	113	130519	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
50) Toluene-d8	10.32	98	531208	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
62) 4-Bromofluorobenzene	12.61	95	171164	45.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.98%	
Target Compounds						
16) Acetone	4.13	43	31260	39.099	ug/l	97
18) Methyl Acetate	4.67	43	8666	4.376	ug/l	93
25) 2-Butanone	7.15	43	10519	9.682	ug/l #	80

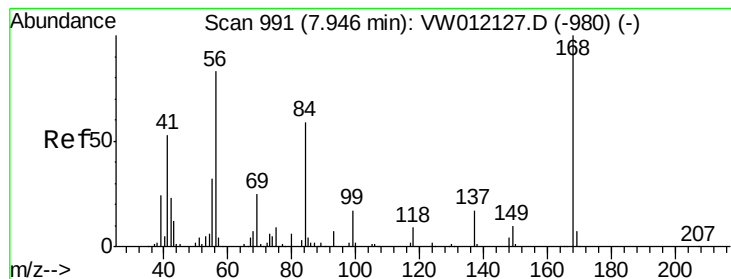
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012275.D

Acq: 29 Aug 2019 02:02

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MSVOA_W

ClientSampleId :

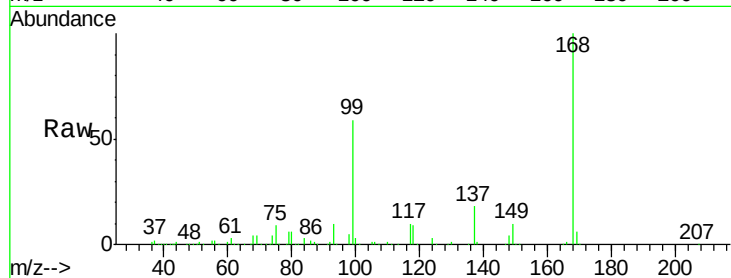
TP-9-S2

Tot Ion:168 Resp: 263105

Ion Ratio Lower Upper

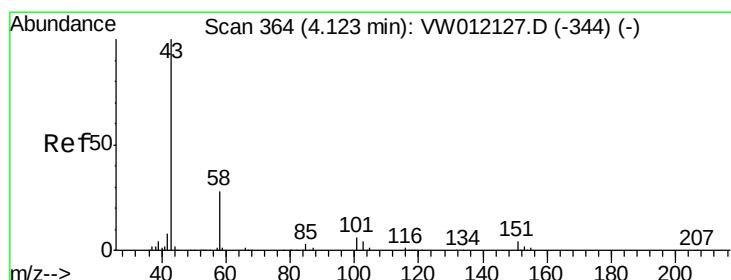
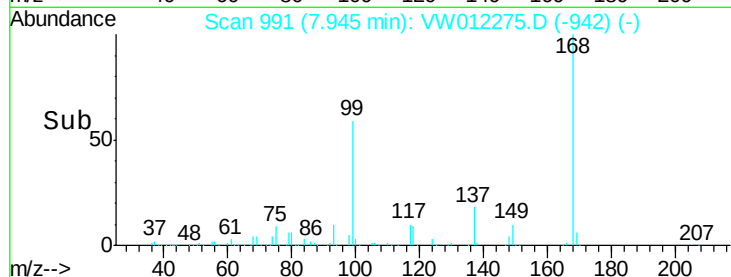
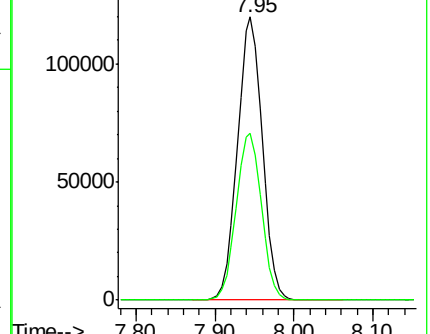
168 100

99 59.1 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 39.099 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW012275.D

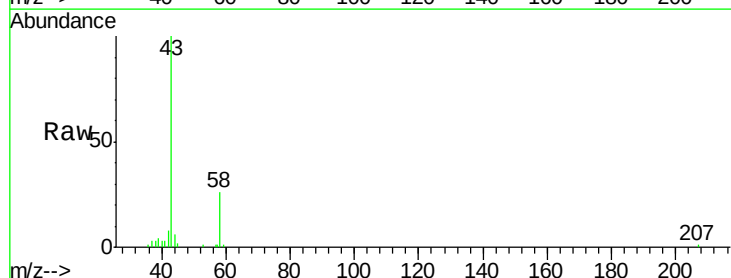
Acq: 29 Aug 2019 02:02

Tgt Ion: 43 Resp: 31260

Ion Ratio Lower Upper

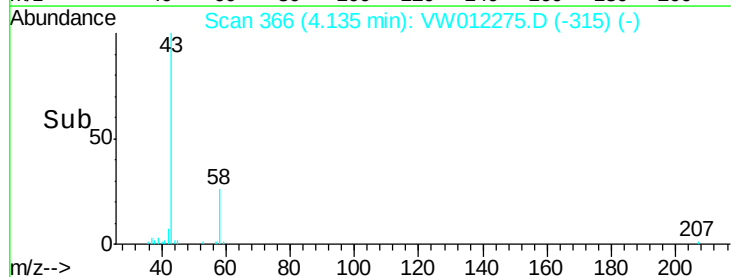
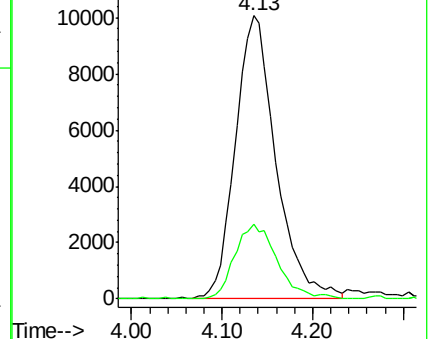
43 100

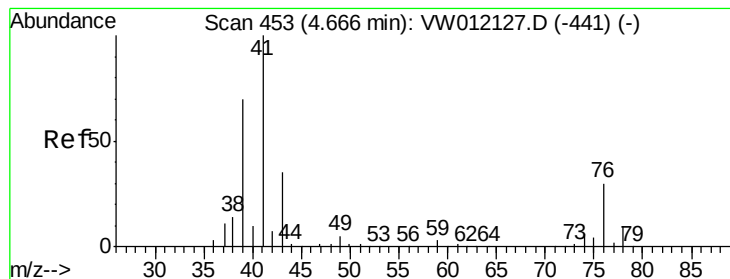
58 26.2 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#18

Methyl Acetate

Concen: 4.376 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW012275.D

Acq: 29 Aug 2019 02:02

Instrument :

MSVOA_W

ClientSampled :

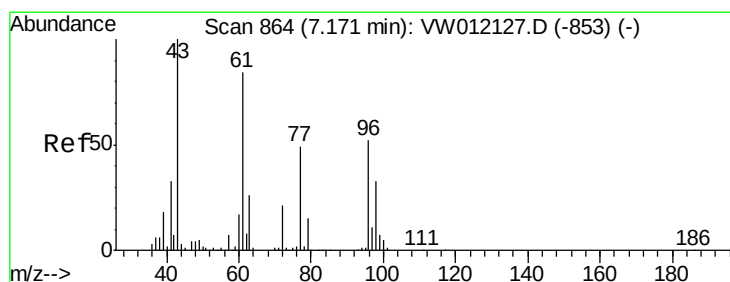
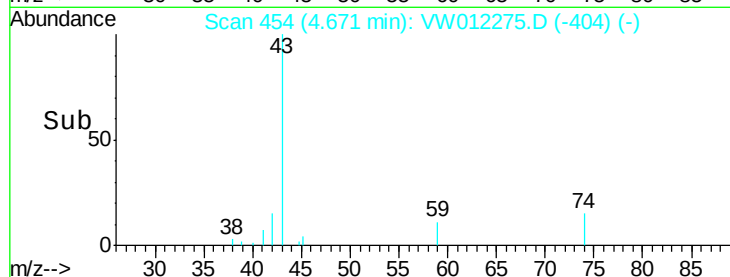
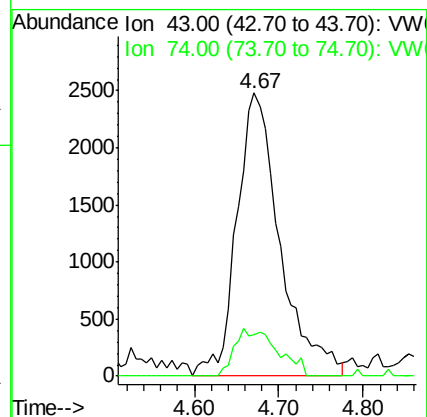
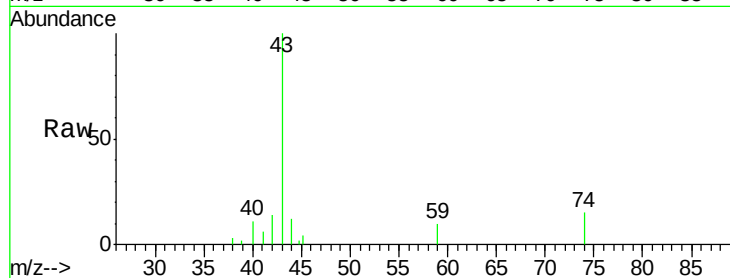
TP-9-S2

Tot Ion: 43 Resp: 8666

Ion Ratio Lower Upper

43 100

74 16.5 15.7 23.5



#25

2-Butanone

Concen: 9.682 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: VW012275.D

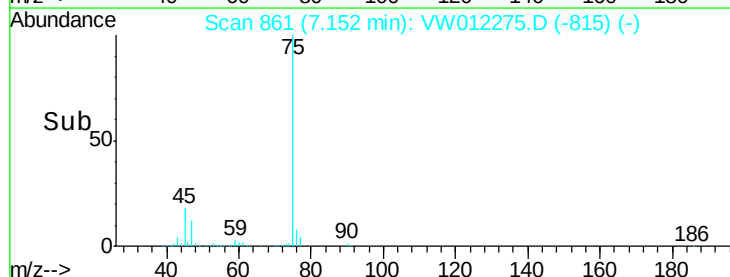
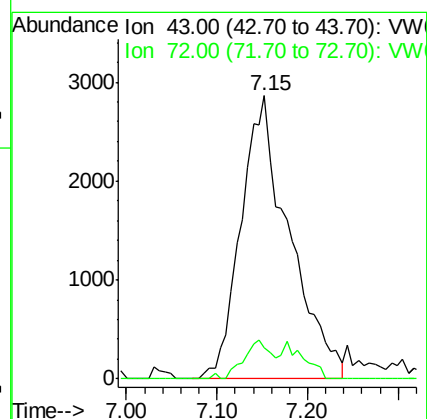
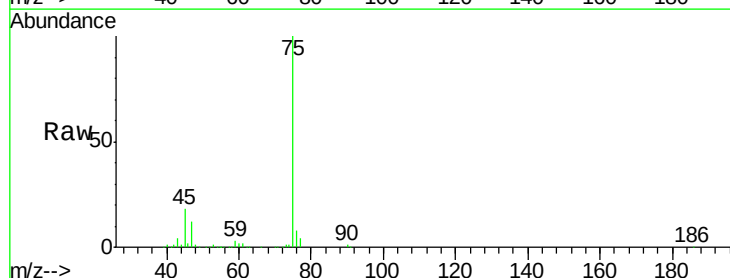
Acq: 29 Aug 2019 02:02

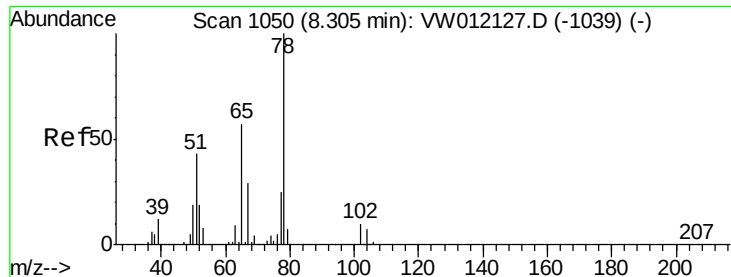
Tgt Ion: 43 Resp: 10519

Ion Ratio Lower Upper

43 100

72 11.2 16.6 24.8#

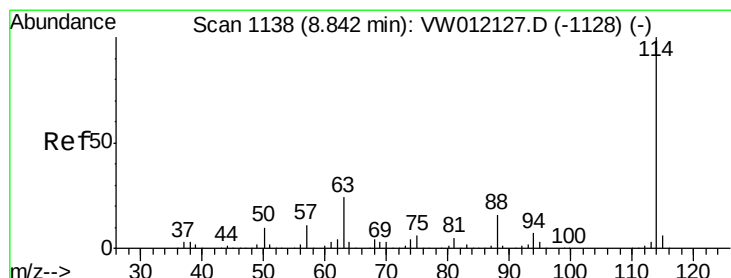
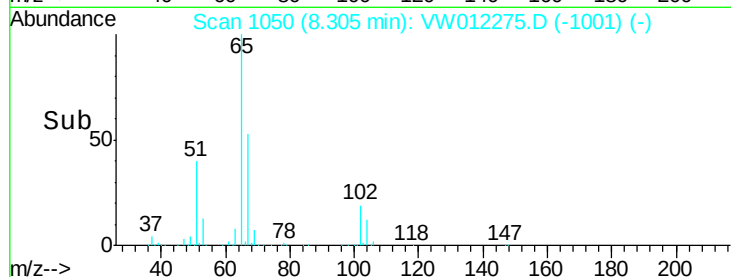
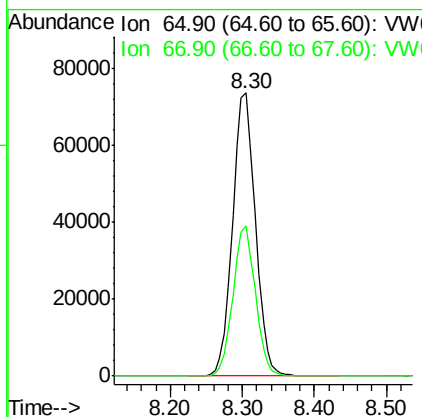
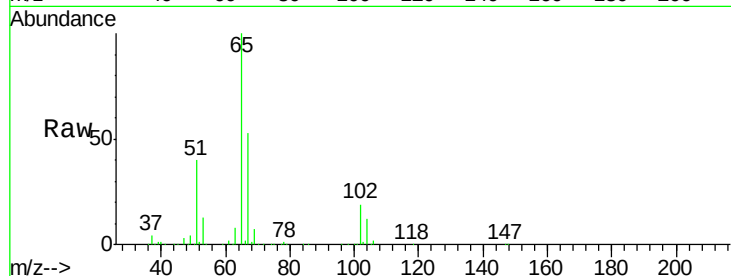




#33
 1,2-Dichloroethane-d4
 Concen: 52.111 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012275.D
 Acq: 29 Aug 2019 02:02

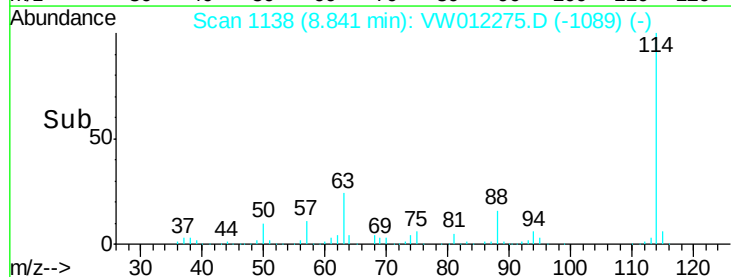
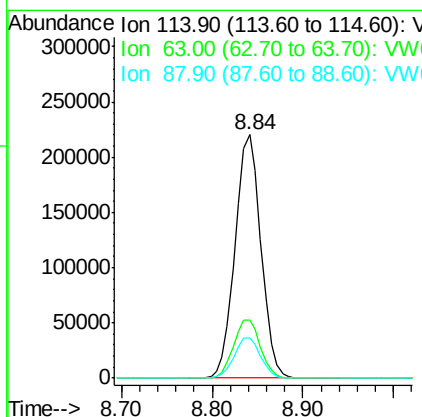
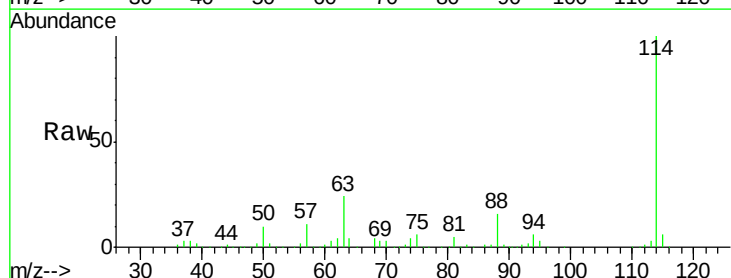
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-9-S2

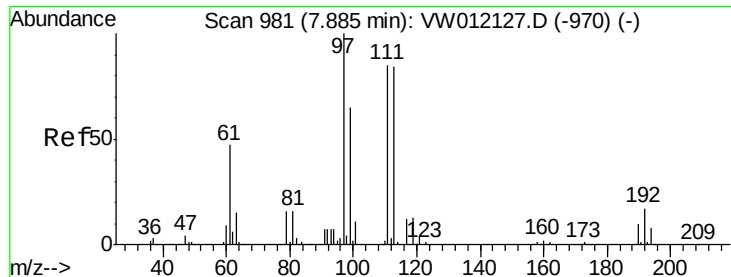
Tot Ion: 65 Resp: 162987
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012275.D
 Acq: 29 Aug 2019 02:02

Tgt Ion: 114 Resp: 436289
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 48.6
 88 16.4 0.0 32.2

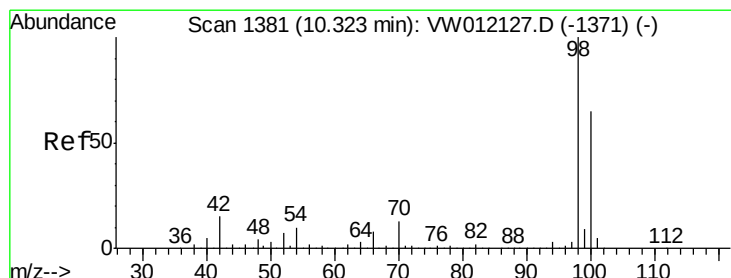
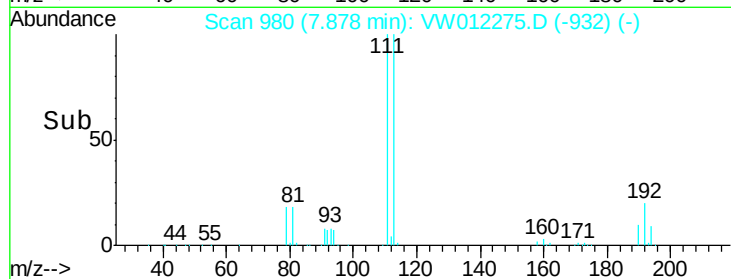
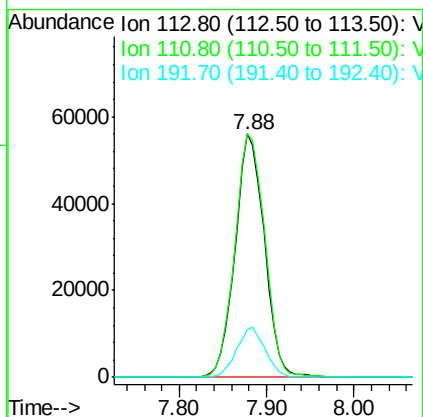
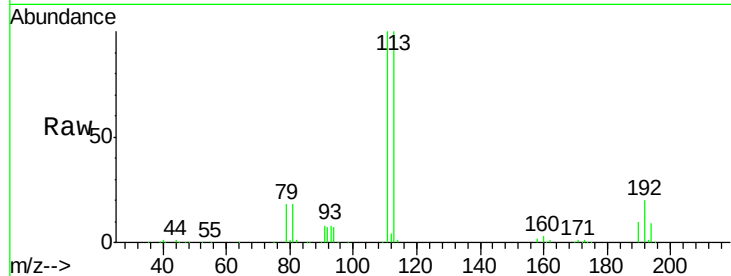




#35
Dibromofluoromethane
Concen: 50.118 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW012275.D
Acq: 29 Aug 2019 02:02

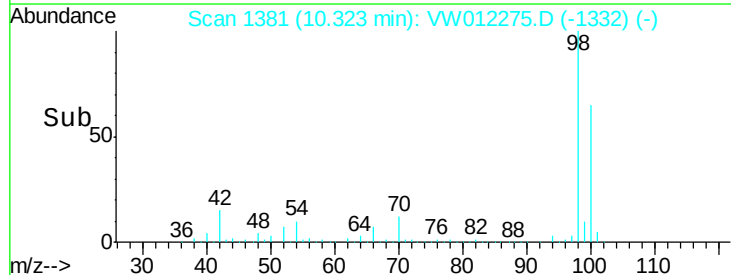
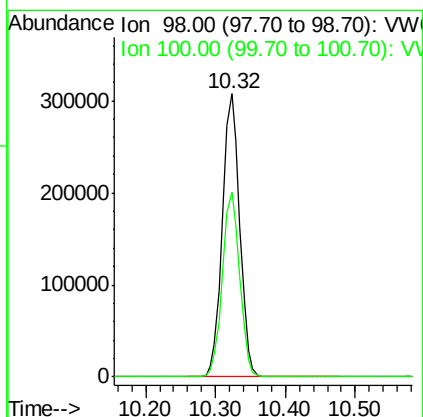
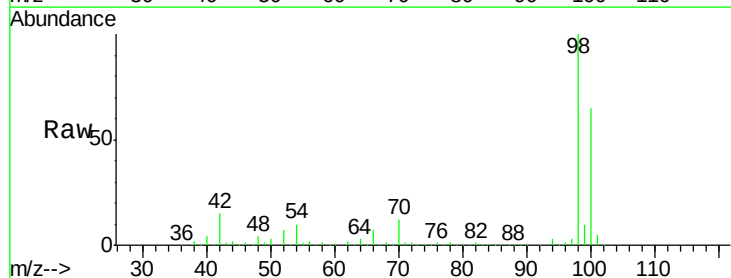
Instrument :
MSVOA_W
ClientSampleId :
TP-9-S2

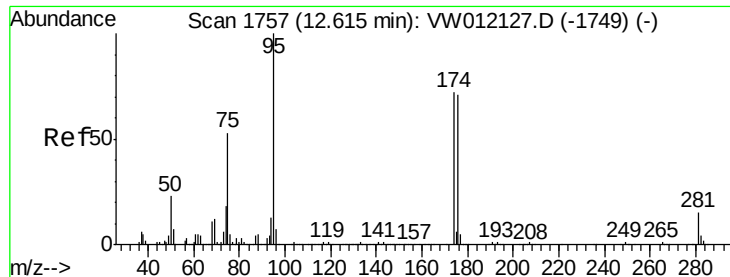
Tot Ion:113 Resp: 130519
Ion Ratio Lower Upper
113 100
111 102.9 82.7 124.1
192 20.1 16.2 24.2



#50
Toluene-d8
Concen: 50.307 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012275.D
Acq: 29 Aug 2019 02:02

Tgt Ion: 98 Resp: 531208
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6

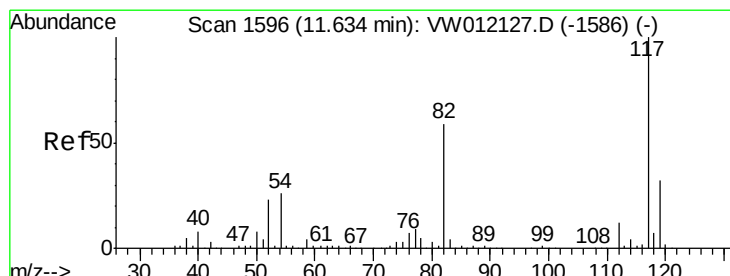
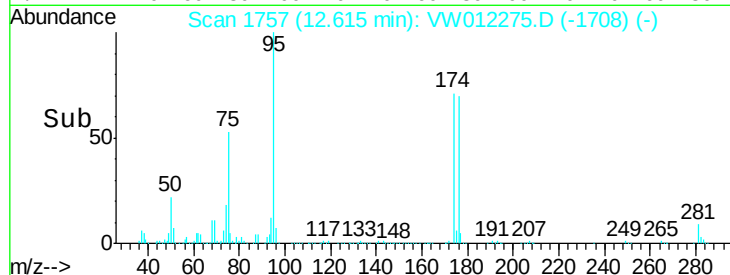
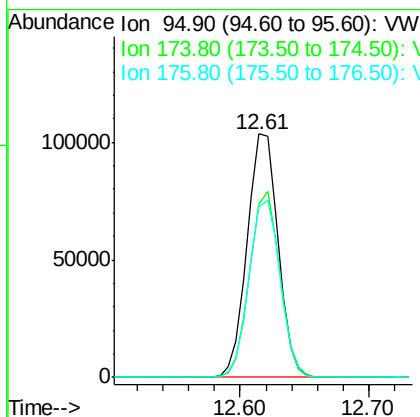
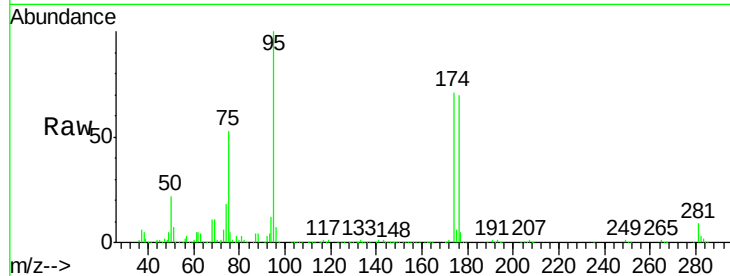




#62
4-Bromofluorobenzene
Concen: 45.985 ug/l
RT: 12.61 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012275.D
Acq: 29 Aug 2019 02:02

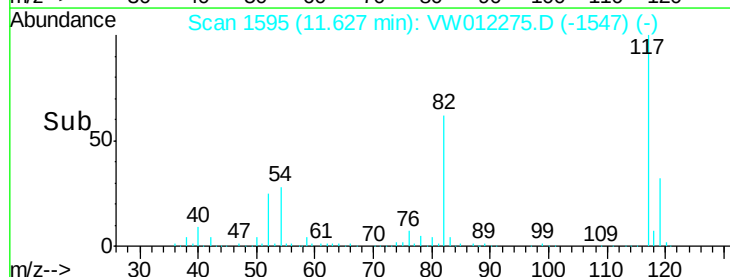
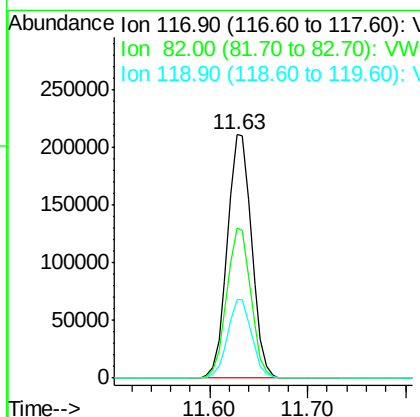
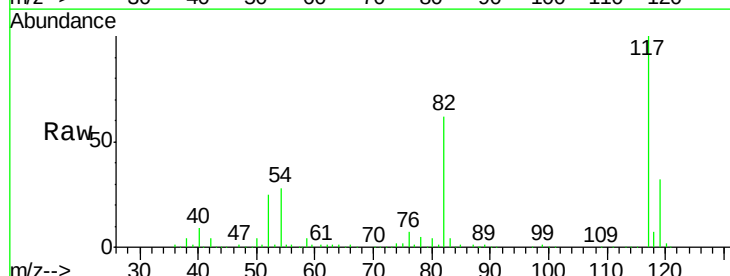
Instrument :
MSVOA_W
ClientSampleId :
TP-9-S2

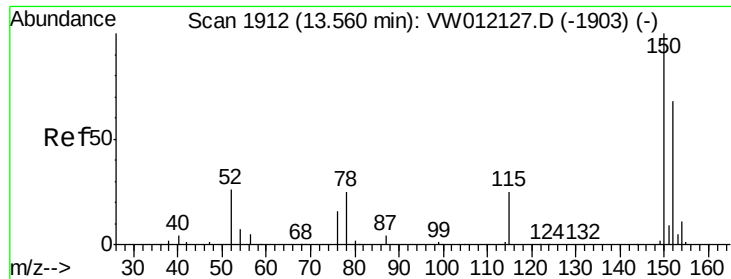
Tot Ion: 95 Resp: 171164
Ion Ratio Lower Upper
95 100
174 74.9 0.0 150.8
176 72.9 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012275.D
Acq: 29 Aug 2019 02:02

Tgt Ion: 117 Resp: 363973
Ion Ratio Lower Upper
117 100
82 61.7 47.4 71.2
119 32.1 25.4 38.2

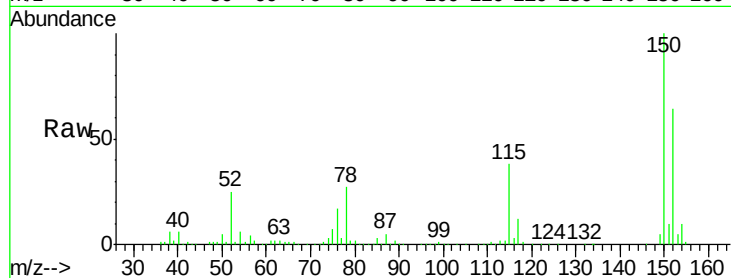




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW012275.D
 Acq: 29 Aug 2019 02:02

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-9-S2

Tot Ion:152 Resp: 146419
 Ion Ratio Lower Upper
 152 100
 115 61.1 30.1 90.3
 150 158.1 0.0 345.8



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

