

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090319\
 Data File : VW012552.D
 Acq On : 03 Sep 2019 17:39
 Operator : SY/VA
 Sample : K4560-02
 Misc : 7.23G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S404-K1-2.0-2.5-082619

Quant Time: Sep 03 18:15:39 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

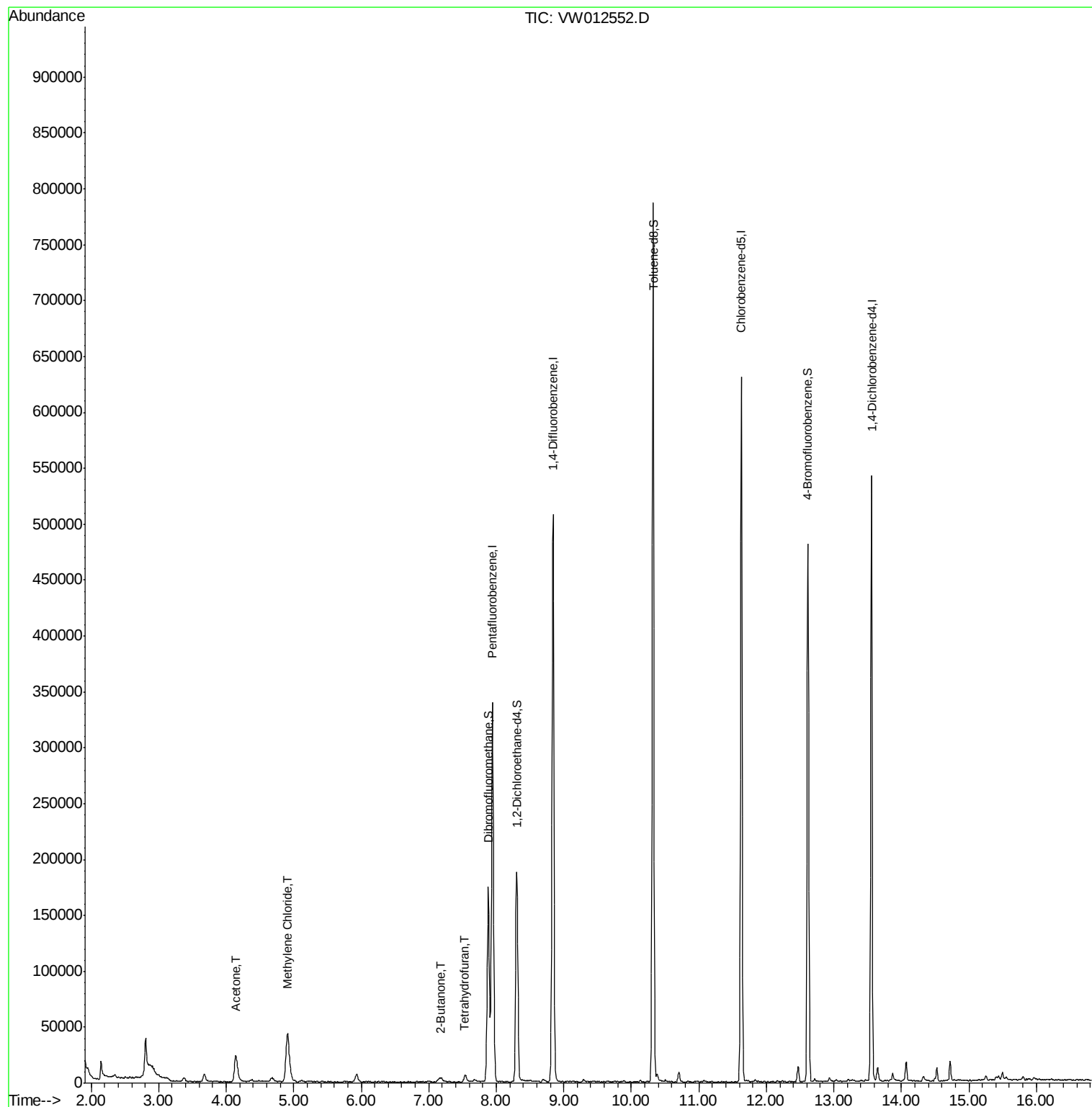
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	245604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	400942	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	334546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	135141	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	156896	53.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.48%	
35) Dibromofluoromethane	7.88	113	121072	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
50) Toluene-d8	10.32	98	488366	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.62	95	155915	45.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.16%	
Target Compounds						
16) Acetone	4.14	43	52500	70.345	ug/l	99
20) Methylene Chloride	4.91	84	34855	12.354	ug/l	97
25) 2-Butanone	7.18	43	5530	5.453	ug/l	100
29) Tetrahydrofuran	7.53	42	5077	8.344	ug/l	92

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012552.D

Acq: 03 Sep 2019 17:39

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MSVOA_W

ClientSampleId :

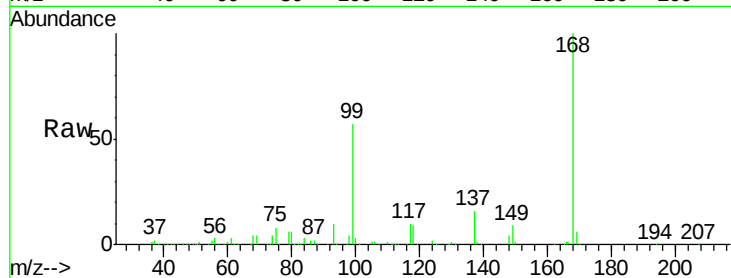
S404-K1-2.0-2.5-082619

Tot Ion:168 Resp: 245604

Ion Ratio Lower Upper

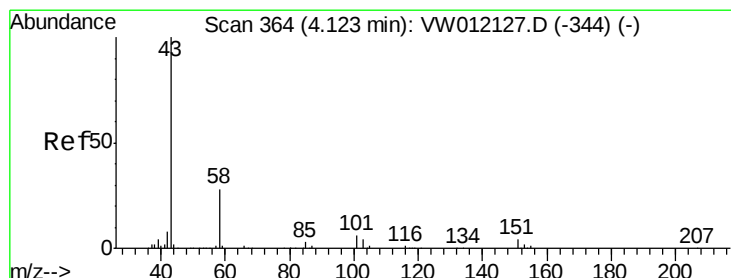
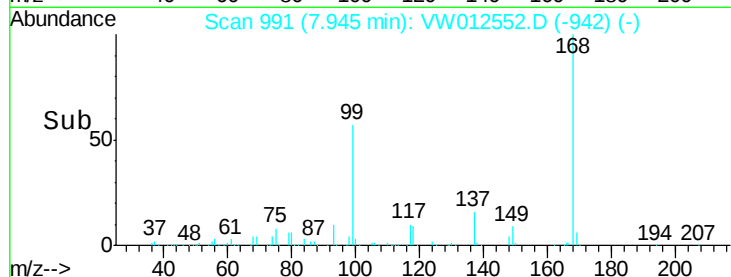
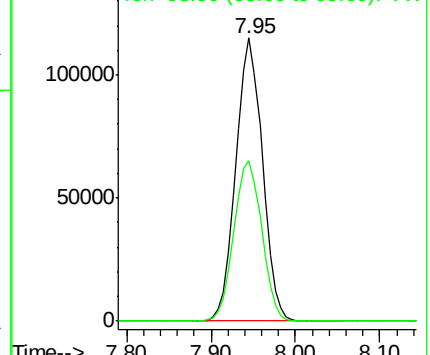
168 100

99 56.9 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: 70.345 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012552.D

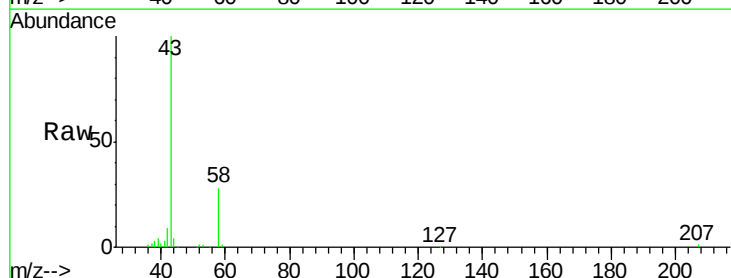
Acq: 03 Sep 2019 17:39

Tgt Ion: 43 Resp: 52500

Ion Ratio Lower Upper

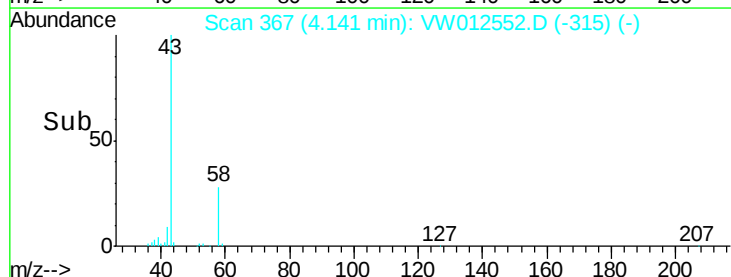
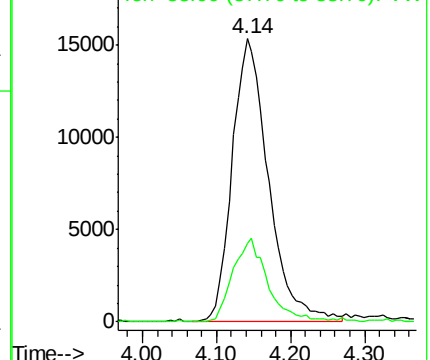
43 100

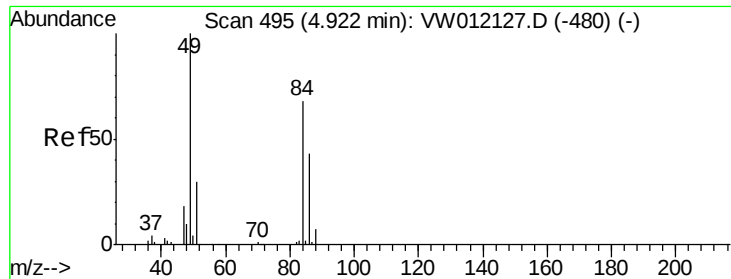
58 27.7 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

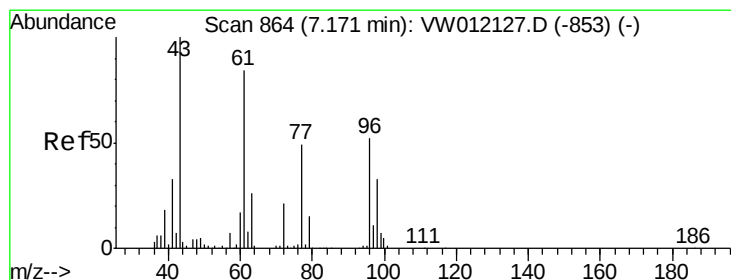
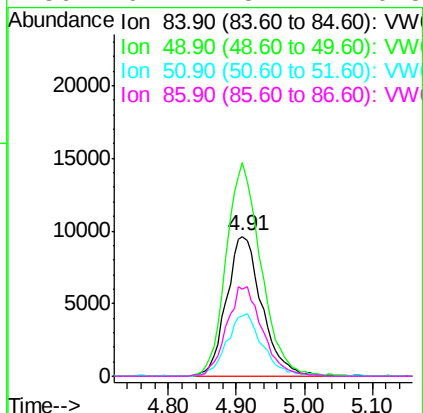
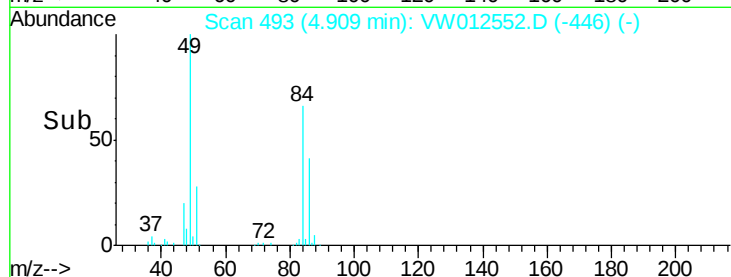
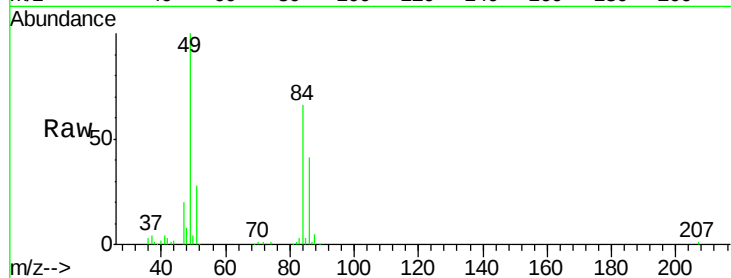




#20
Methvlene Chloride
Concen: 12.354 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012552.D
Acq: 03 Sep 2019 17:39

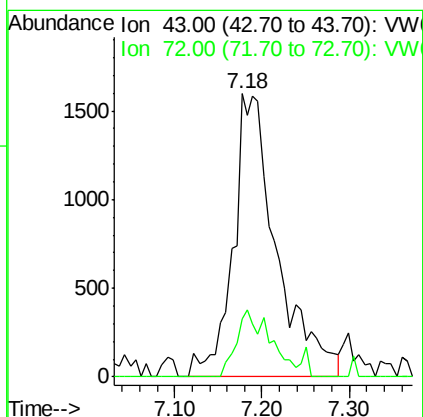
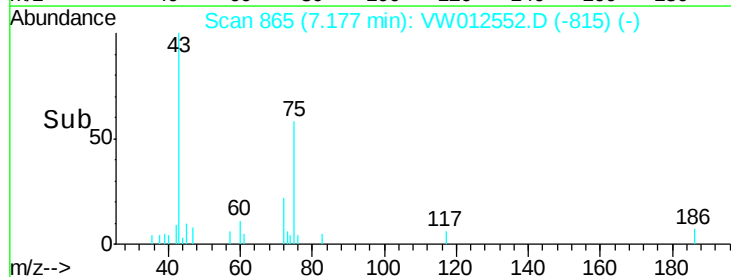
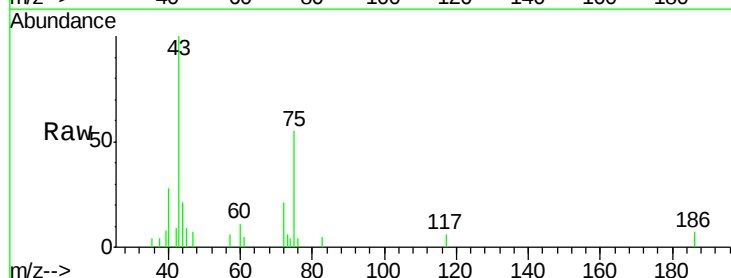
Instrument :
MSVOA_W
ClientSampleId :
S404-K1-2.0-2.5-082619

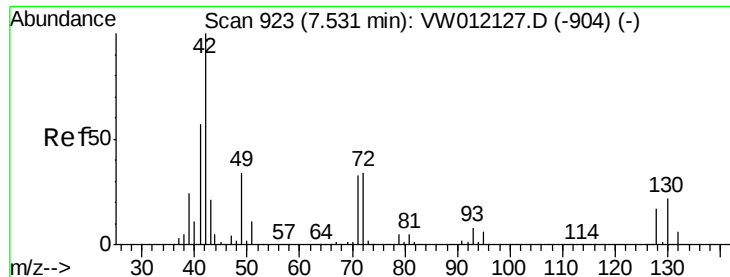
Tot Ion: 84 Resp: 34855
Ion Ratio Lower Upper
84 100
49 152.6 117.8 176.8
51 43.3 35.6 53.4
86 62.4 51.2 76.8



#25
2-Butanone
Concen: 5.453 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW012552.D
Acq: 03 Sep 2019 17:39

Tgt Ion: 43 Resp: 5530
Ion Ratio Lower Upper
43 100
72 20.5 16.6 24.8

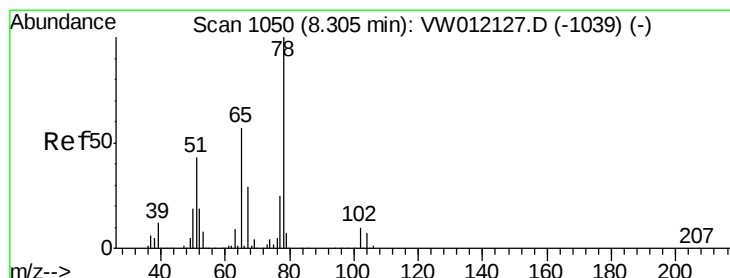
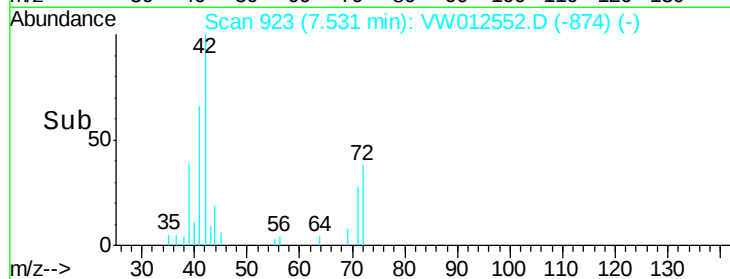
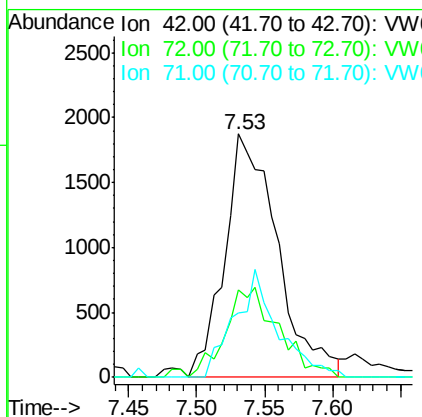
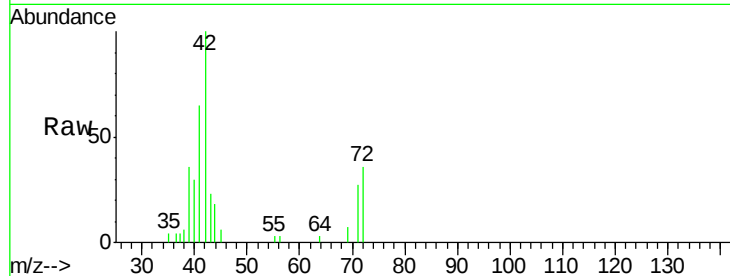




#29
Tetrahydrofuran
Concen: 8.344 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012552.D
Acq: 03 Sep 2019 17:39

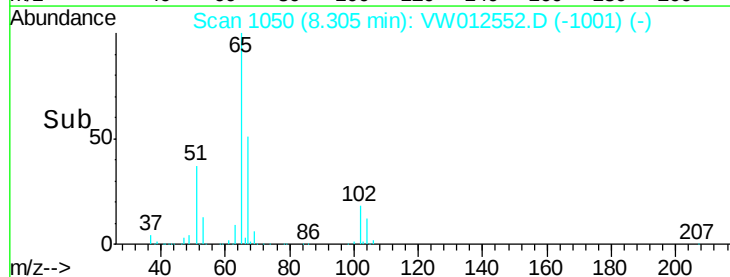
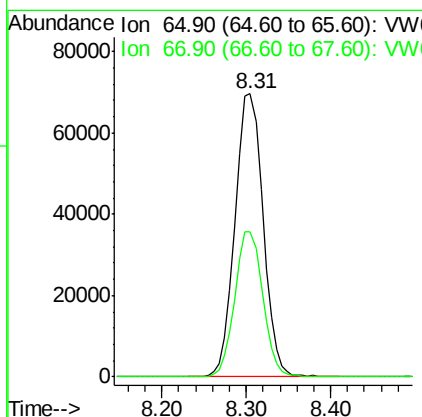
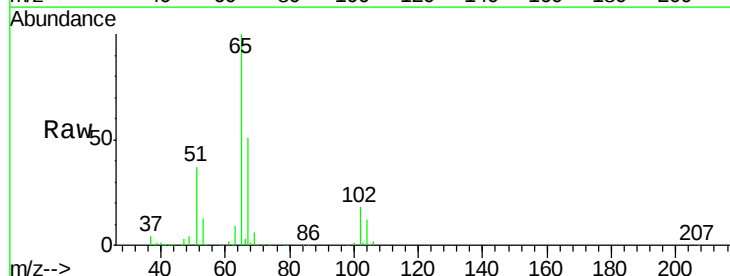
Instrument :
MSVOA_W
ClientSampleId :
S404-K1-2.0-2.5-082619

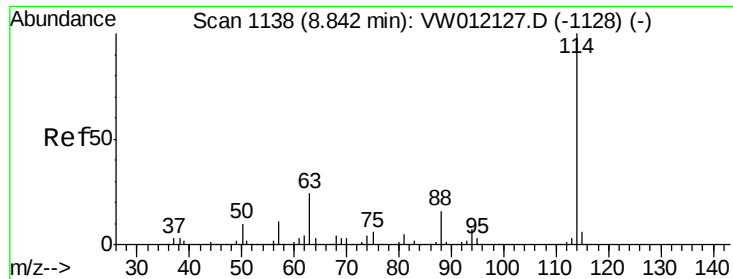
Tot Ion:	42	Resp:	5077
Ion	Ratio	Lower	Upper
42	100		
72	38.0	27.3	40.9
71	36.6	25.5	38.3



#33
1,2-Dichloroethane-d4
Concen: 53.738 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012552.D
Acq: 03 Sep 2019 17:39

Tgt Ion:	65	Resp:	156896
Ion	Ratio	Lower	Upper
65	100		
67	51.2	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: VW012552.D

Acq: 03 Sep 2019 17:39

Instrument :

MSVOA_W

ClientSampleId :

S404-K1-2.0-2.5-082619

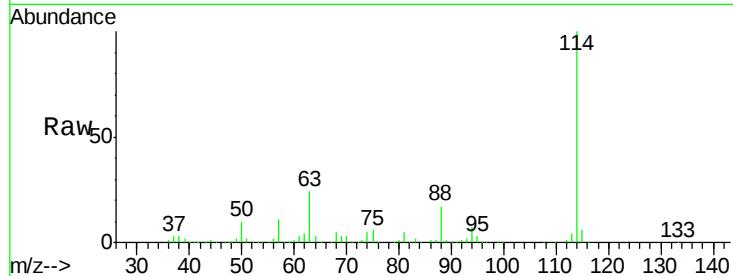
Tot Ion:114 Resp: 400942

Ion Ratio Lower Upper

114 100

63 23.9 0.0 48.6

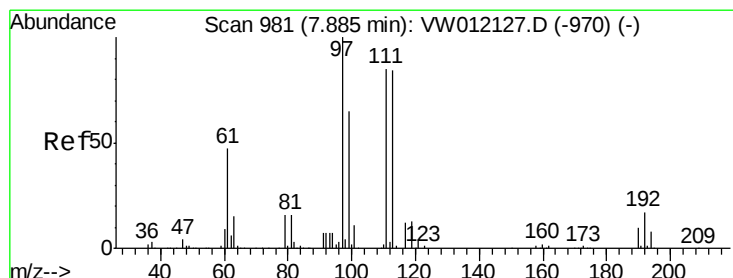
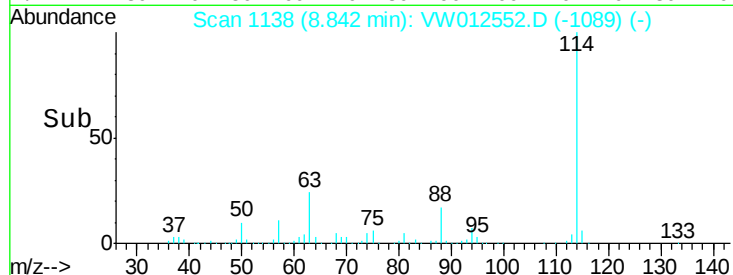
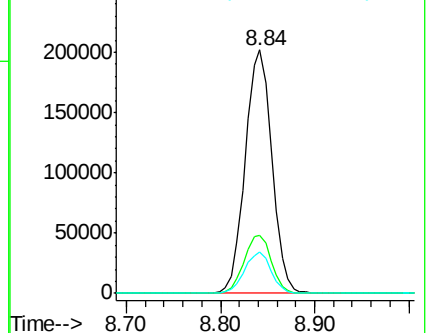
88 16.8 0.0 32.2



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: 50.589 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012552.D

Acq: 03 Sep 2019 17:39

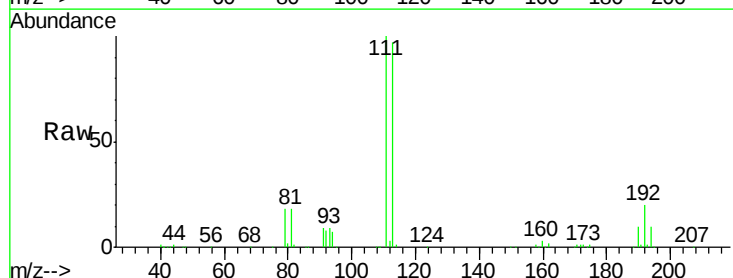
Tgt Ion:113 Resp: 121072

Ion Ratio Lower Upper

113 100

111 103.3 82.7 124.1

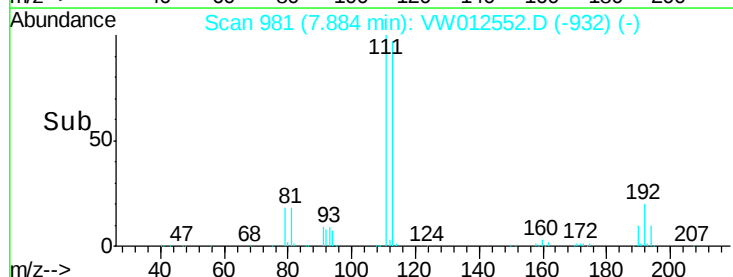
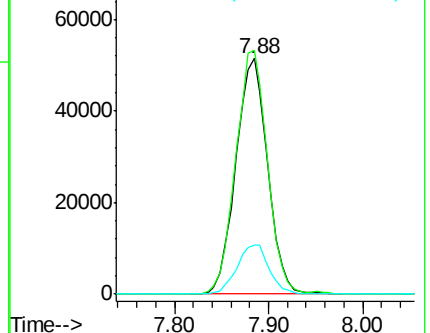
192 21.1 16.2 24.2

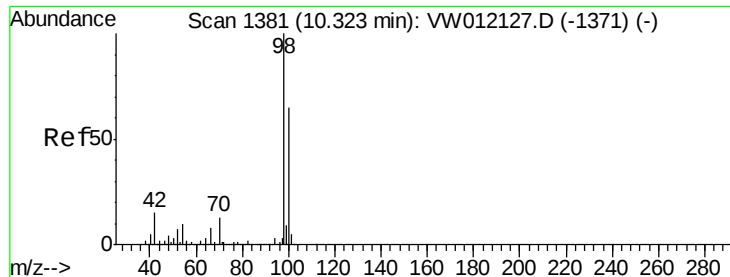


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.327 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012552.D

Acq: 03 Sep 2019 17:39

Instrument :

MSVOA_W

ClientSampleId :

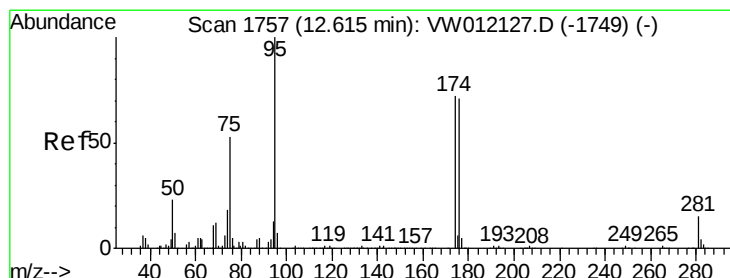
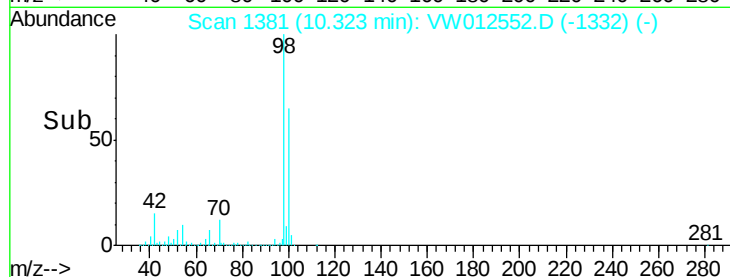
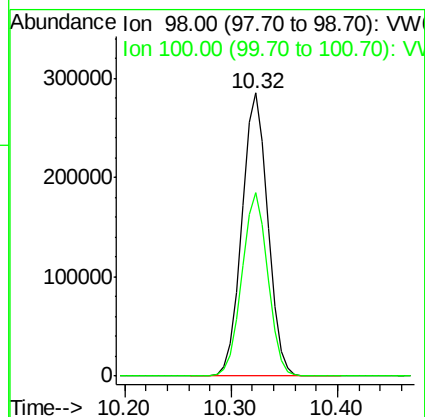
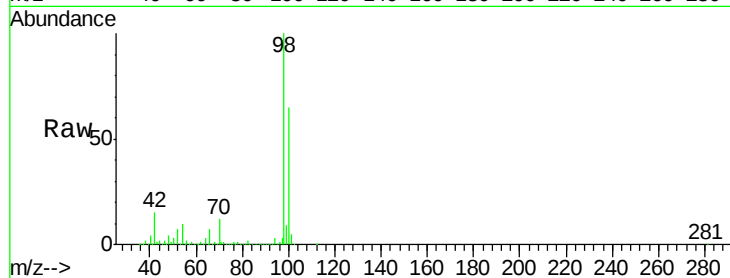
S404-K1-2.0-2.5-082619

Tot Ion: 98 Resp: 488366

Ion Ratio Lower Upper

98 100

100 64.7 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 45.581 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012552.D

Acq: 03 Sep 2019 17:39

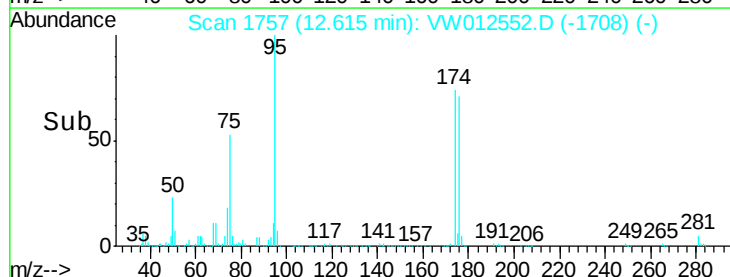
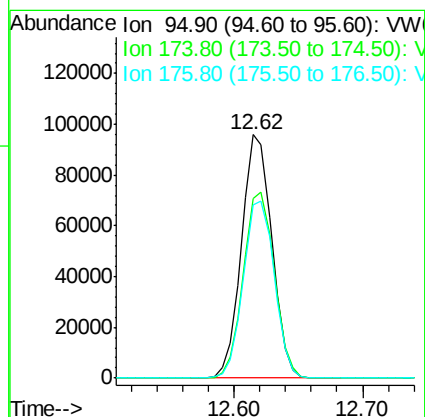
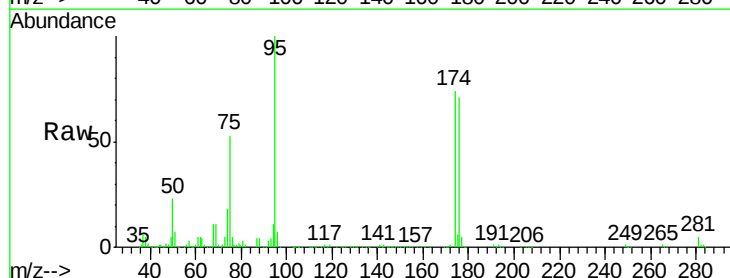
Tgt Ion: 95 Resp: 155915

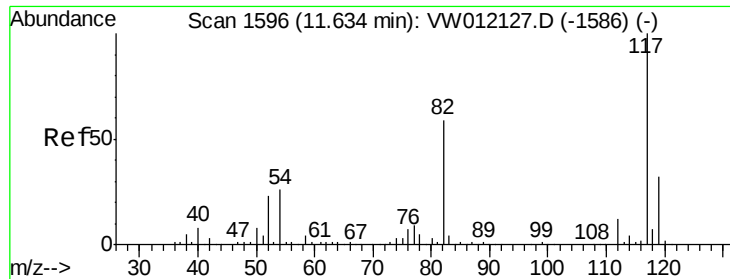
Ion Ratio Lower Upper

95 100

174 78.3 0.0 150.8

176 74.7 0.0 148.6

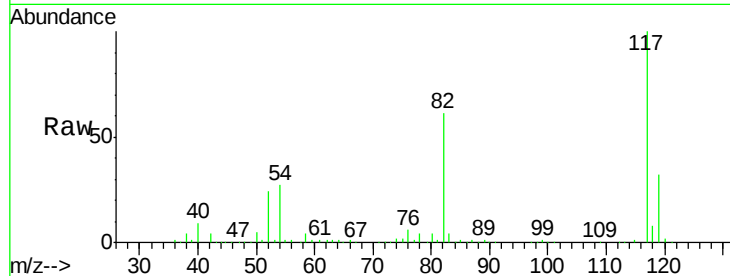




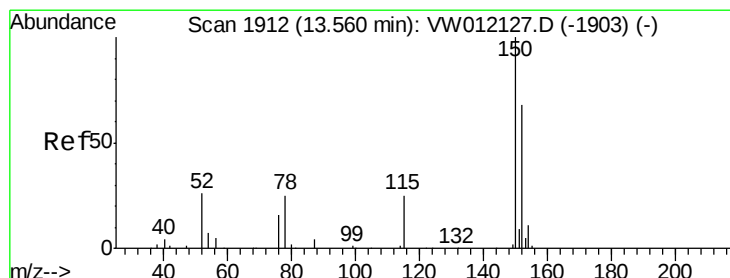
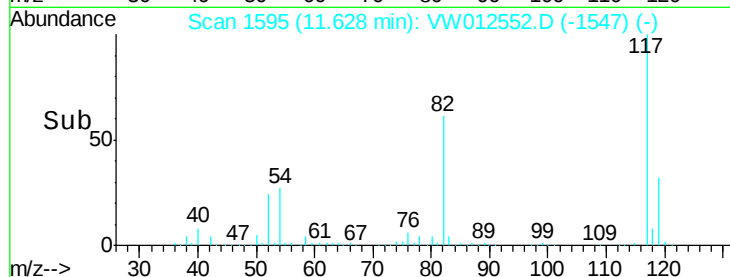
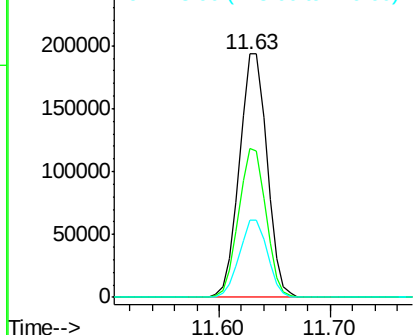
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012552.D
Acq: 03 Sep 2019 17:39

Instrument :
MSVOA_W
ClientSampleId :
S404-K1-2.0-2.5-082619

Tot Ion:117 Resp: 334546
Ion Ratio Lower Upper
117 100
82 61.2 47.4 71.2
119 31.7 25.4 38.2

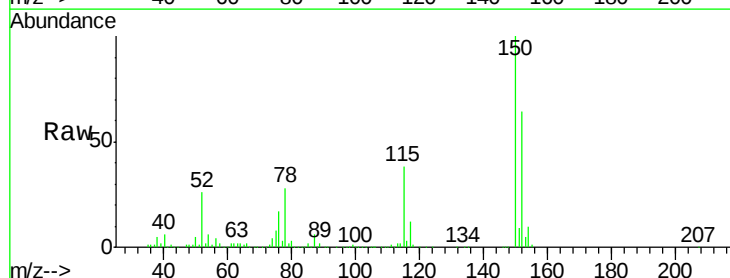


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012552.D
Acq: 03 Sep 2019 17:39

Tgt Ion:152 Resp: 135141
Ion Ratio Lower Upper
152 100
115 60.0 30.1 90.3
150 156.3 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

