

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090319\
 Data File : VW012551.D
 Acq On : 03 Sep 2019 17:13
 Operator : SY/VA
 Sample : K4551-09
 Misc : 6.77G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S400-K1-2.0-2.5-082619

Quant Time: Sep 03 18:14:19 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

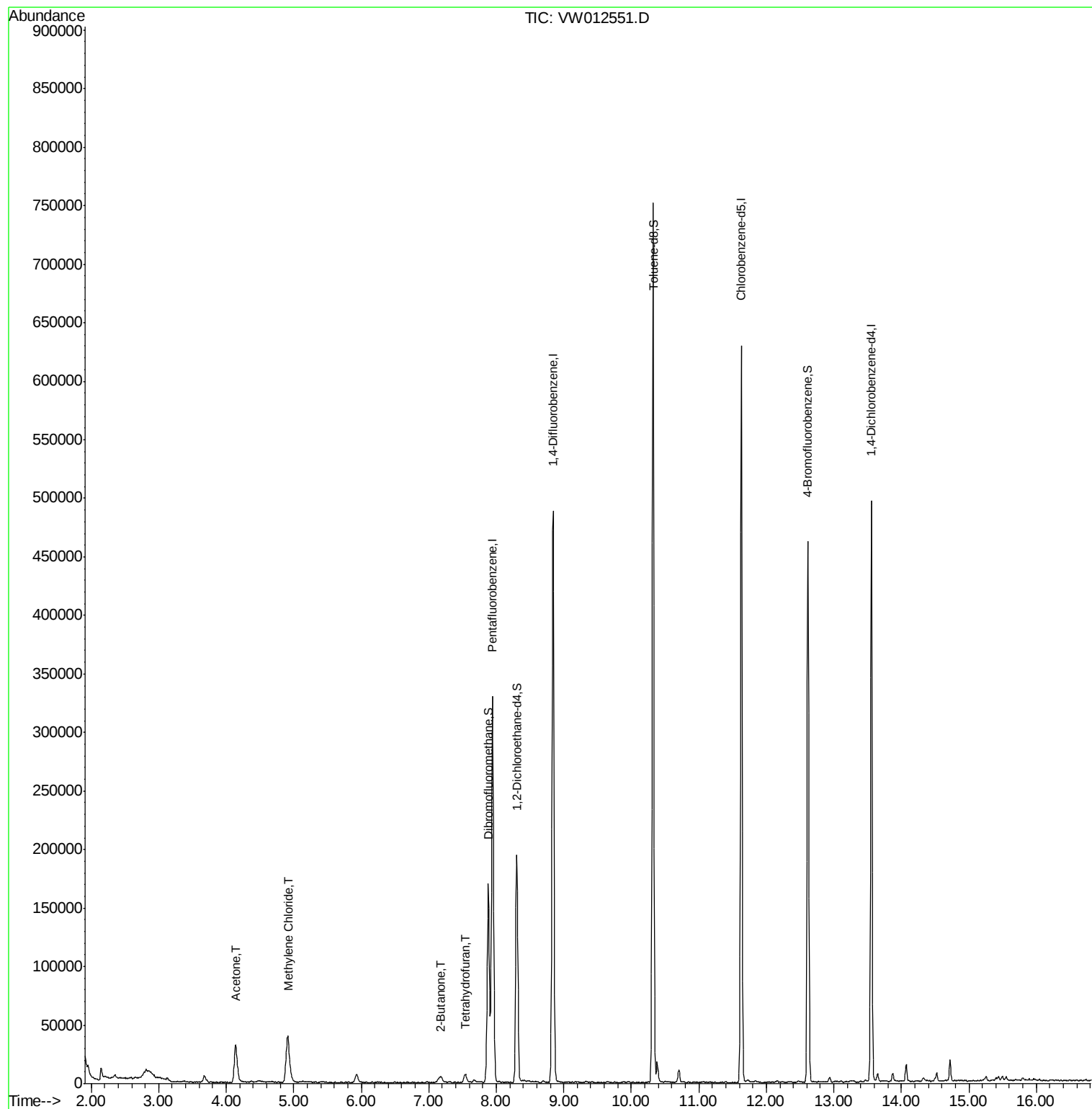
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	237083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	386762	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	323877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	125449	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	158986	56.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.82%	
35) Dibromofluoromethane	7.88	113	120161	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.10%	
50) Toluene-d8	10.32	98	473624	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.62	95	148361	44.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.92%	
Target Compounds						
16) Acetone	4.14	43	66637	92.497	ug/l	98
20) Methylene Chloride	4.91	84	31173	11.446	ug/l	94
25) 2-Butanone	7.18	43	7073	7.225	ug/l	96
29) Tetrahydrofuran	7.54	42	6936	11.809	ug/l	96

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090319\
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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: VW012551.D

Acq: 03 Sep 2019 17:13

Instrument :

MSVOA_W

ClientSampleId :

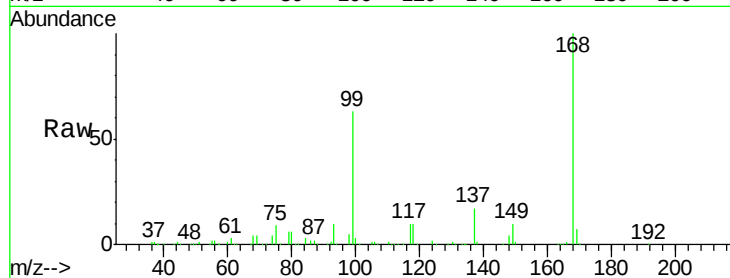
S400-K1-2.0-2.5-082619

Tot Ion:168 Resp: 237083

Ion Ratio Lower Upper

168 100

99 62.8 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

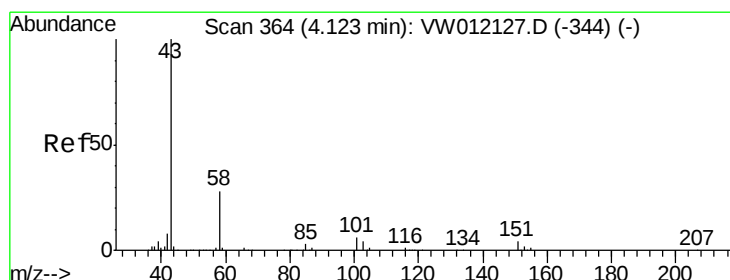
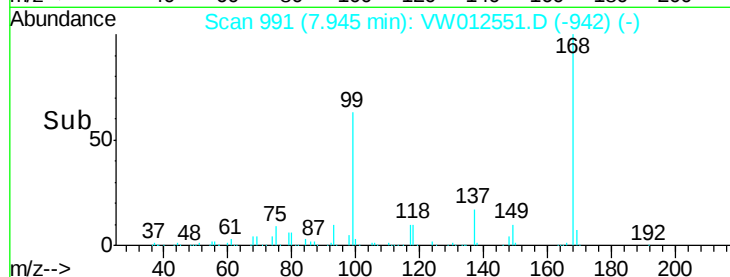
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 92.497 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012551.D

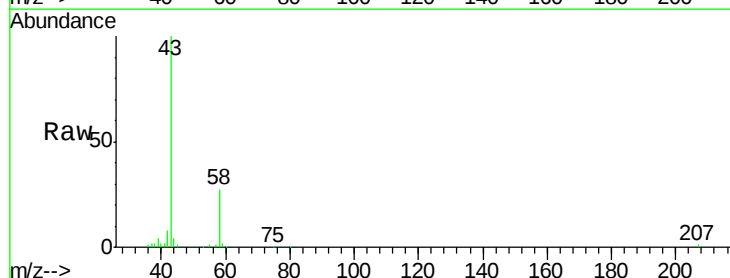
Acq: 03 Sep 2019 17:13

Tgt Ion: 43 Resp: 66637

Ion Ratio Lower Upper

43 100

58 27.0 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

25000

20000

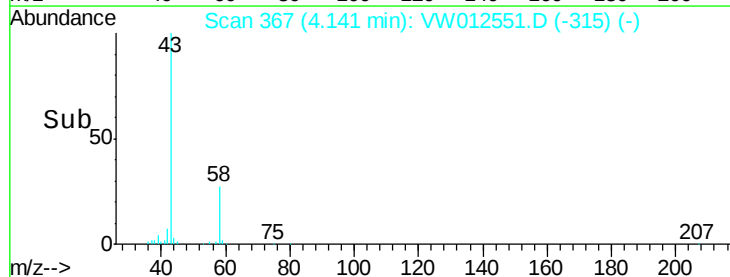
15000

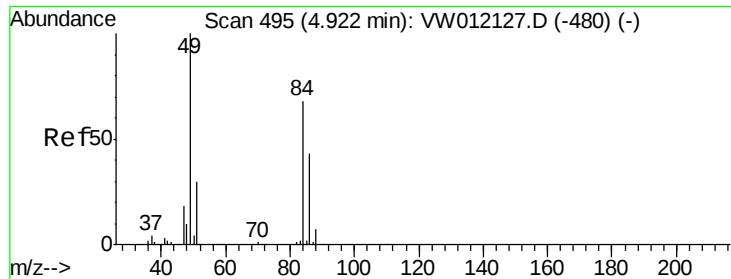
10000

5000

0

Time--> 4.00 4.10 4.20

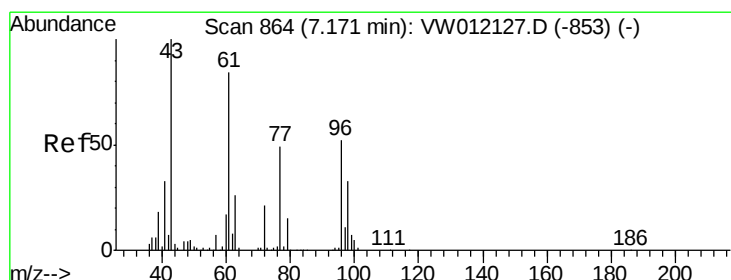
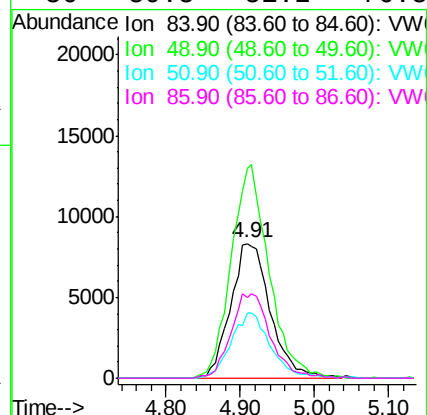
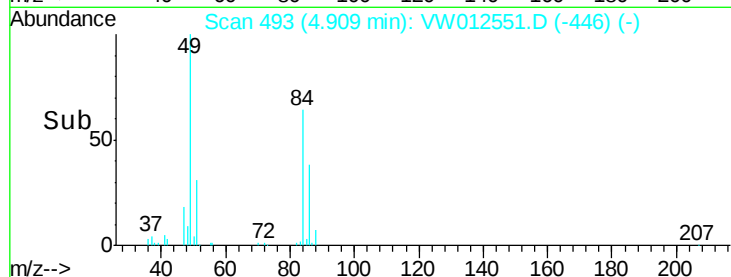
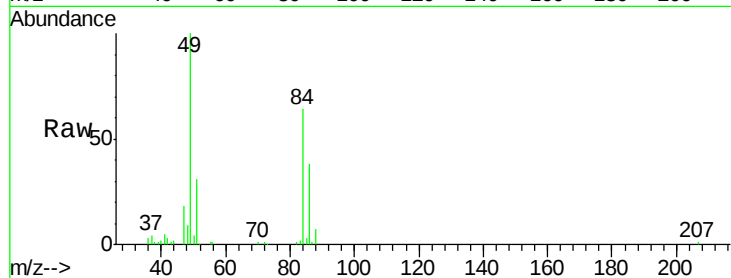




#20
Methvlene Chloride
Concen: 11.446 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012551.D
Acq: 03 Sep 2019 17:13

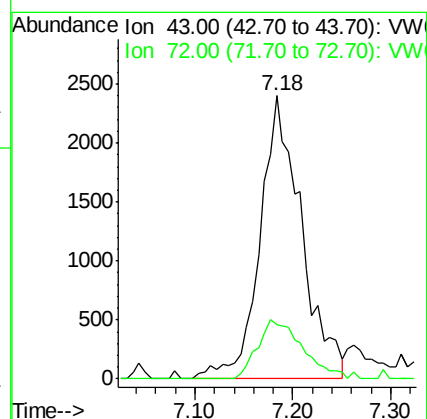
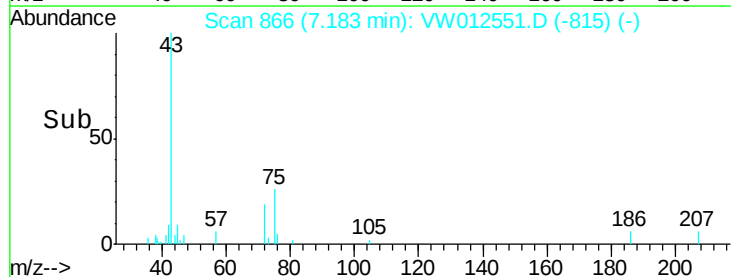
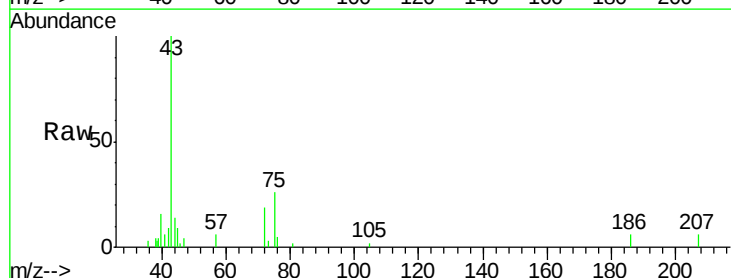
Instrument :
MSVOA_W
ClientSampleId :
S400-K1-2.0-2.5-082619

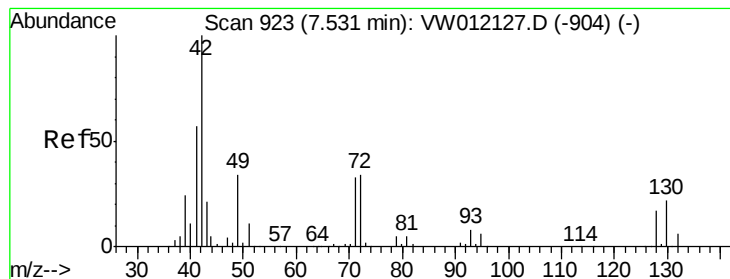
Tot Ion:	84	Resp:	31173
Ion	Ratio	Lower	Upper
84	100		
49	155.9	117.8	176.8
51	47.9	35.6	53.4
86	59.5	51.2	76.8



#25
2-Butanone
Concen: 7.225 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW012551.D
Acq: 03 Sep 2019 17:13

Tgt Ion:	43	Resp:	7073
Ion	Ratio	Lower	Upper
43	100		
72	19.0	16.6	24.8





#29

Tetrahydrofuran

Concen: 11.809 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW012551.D

Acq: 03 Sep 2019 17:13

Instrument :

MSVOA_W

ClientSampleId :

S400-K1-2.0-2.5-082619

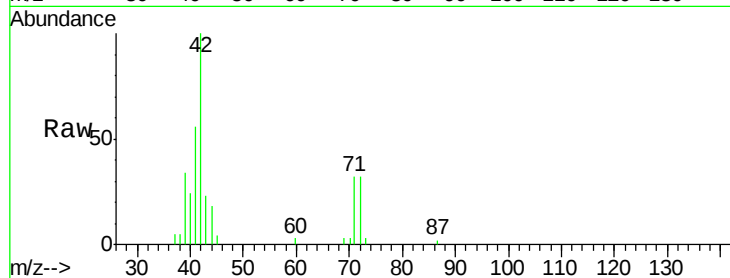
Tot Ion: 42 Resp: 6936

Ion Ratio Lower Upper

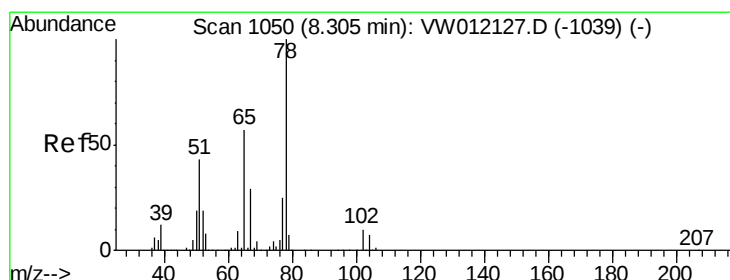
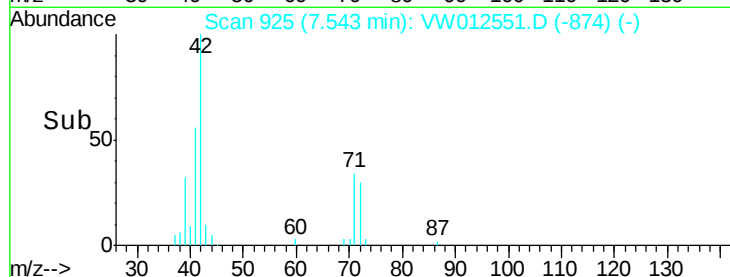
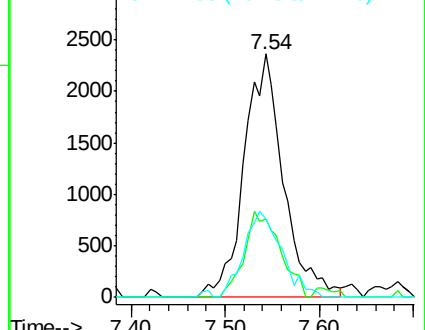
42 100

72 31.8 27.3 40.9

71 33.6 25.5 38.3



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#33

1,2-Dichloroethane-d4

Concen: 56.411 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012551.D

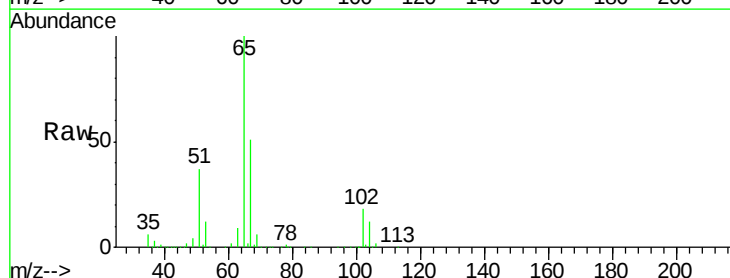
Acq: 03 Sep 2019 17:13

Tgt Ion: 65 Resp: 158986

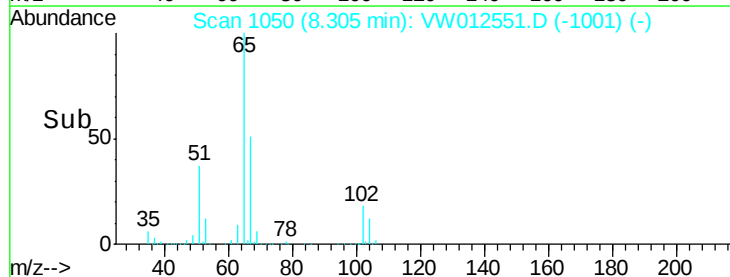
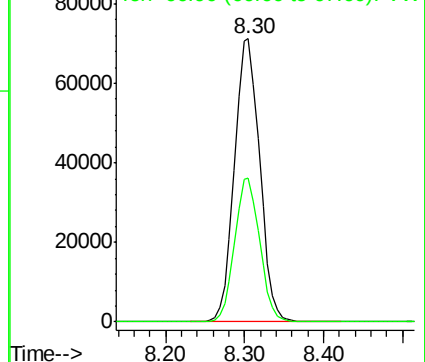
Ion Ratio Lower Upper

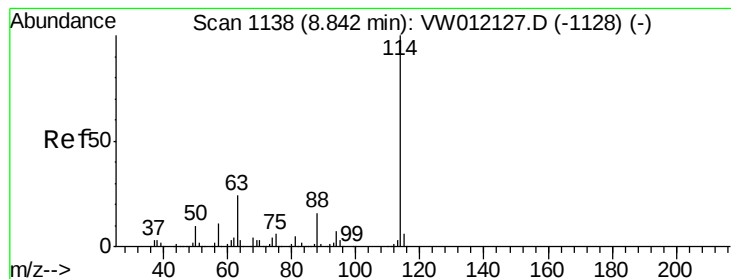
65 100

67 50.4 0.0 102.6



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: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012551.D

Acq: 03 Sep 2019 17:13

Instrument :

MSVOA_W

ClientSampleId :

S400-K1-2.0-2.5-082619

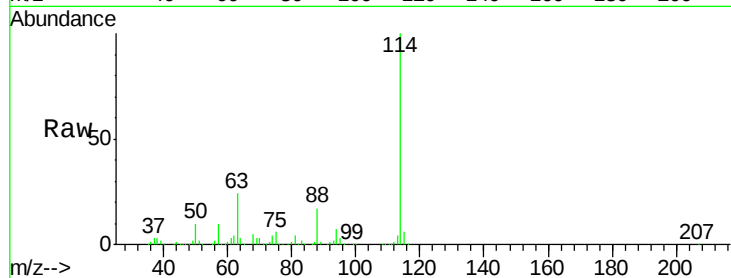
Tot Ion:114 Resp: 386762

Ion Ratio Lower Upper

114 100

63 24.0 0.0 48.6

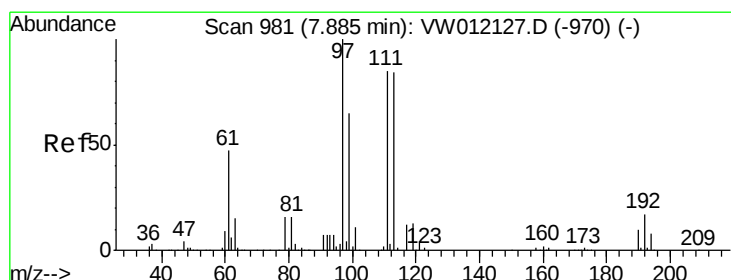
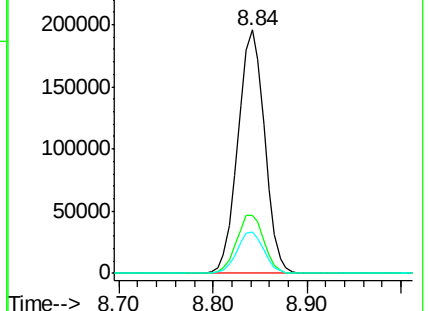
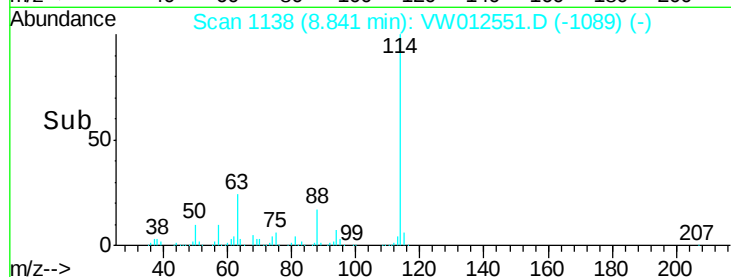
88 16.9 0.0 32.2



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: 52.049 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012551.D

Acq: 03 Sep 2019 17:13

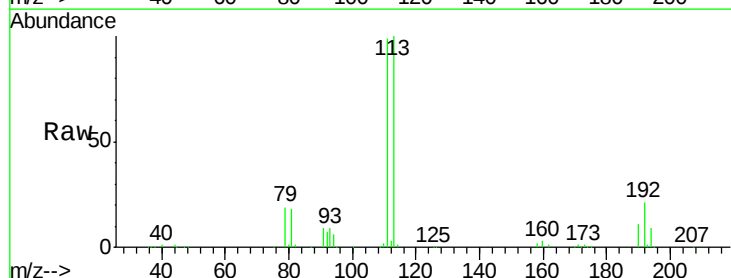
Tgt Ion:113 Resp: 120161

Ion Ratio Lower Upper

113 100

111 103.2 82.7 124.1

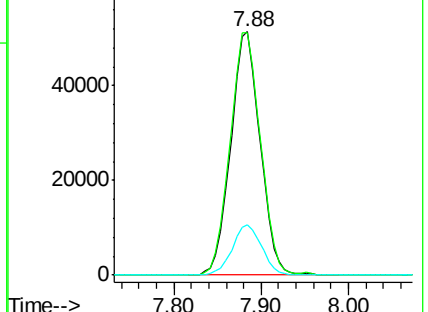
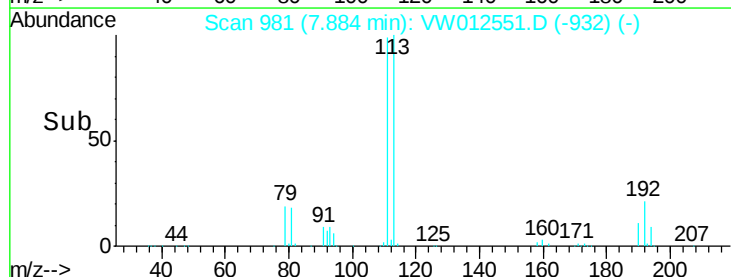
192 20.8 16.2 24.2

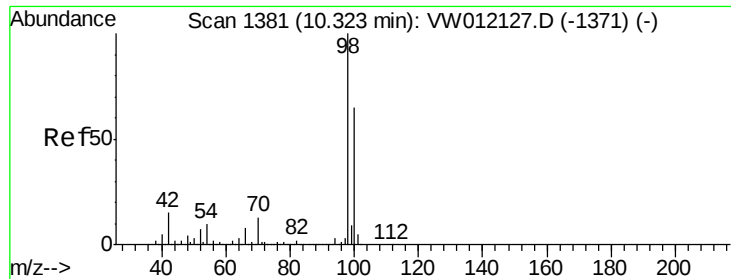


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.597 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012551.D

Acq: 03 Sep 2019 17:13

Instrument :

MSVOA_W

ClientSampleId :

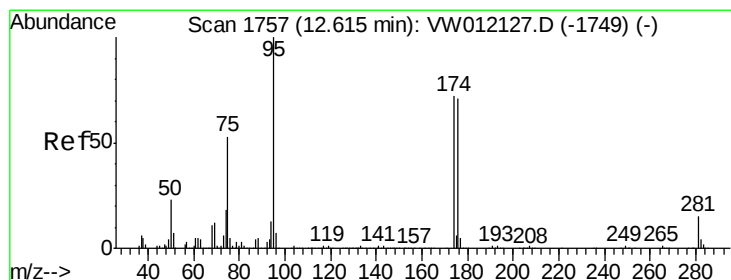
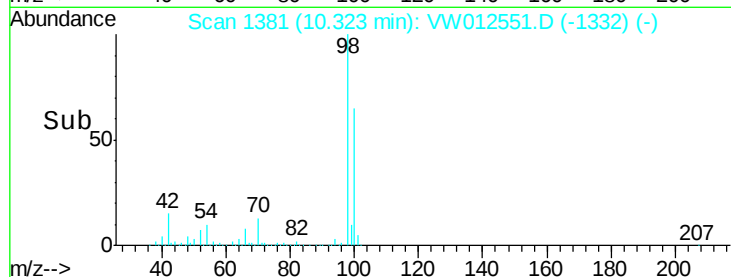
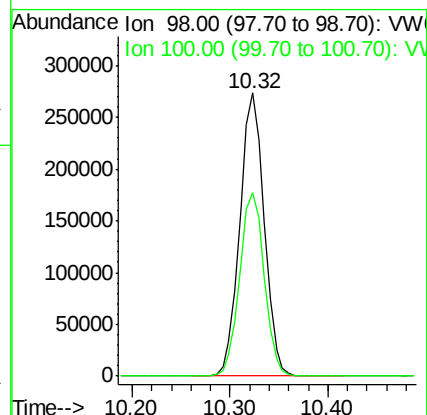
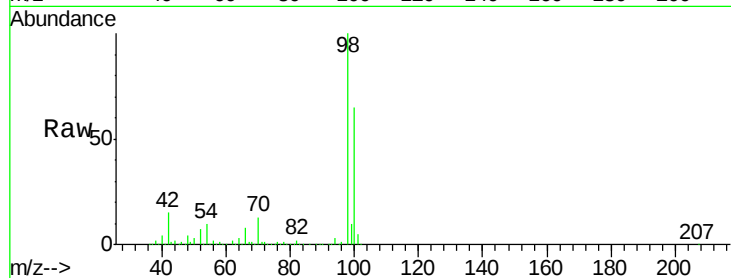
S400-K1-2.0-2.5-082619

Tot Ion: 98 Resp: 473624

Ion Ratio Lower Upper

98 100

100 65.5 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 44.963 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012551.D

Acq: 03 Sep 2019 17:13

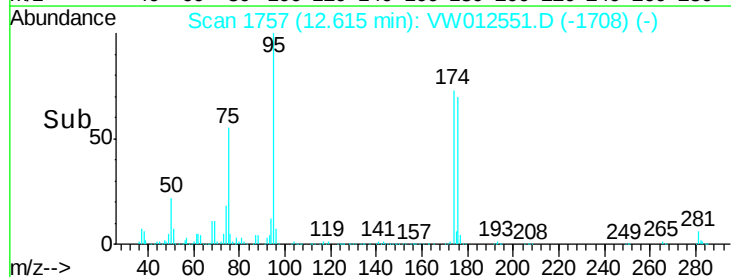
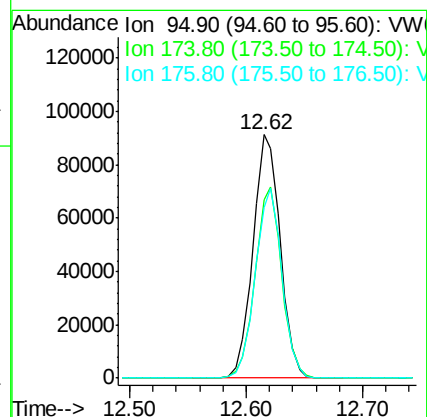
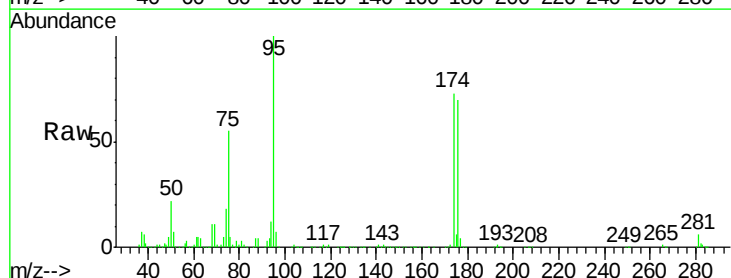
Tgt Ion: 95 Resp: 148361

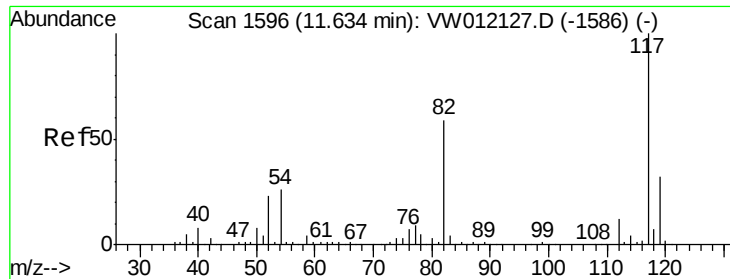
Ion Ratio Lower Upper

95 100

174 76.8 0.0 150.8

176 76.3 0.0 148.6

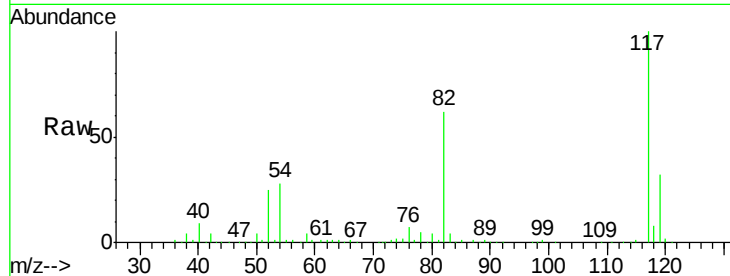




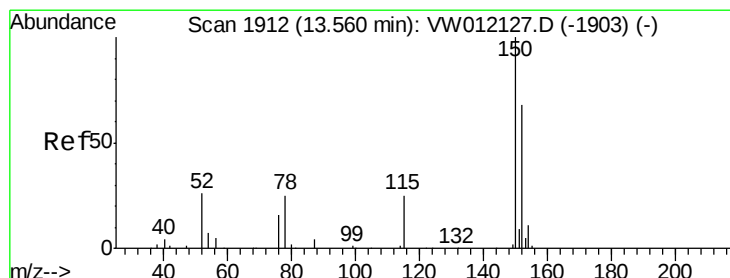
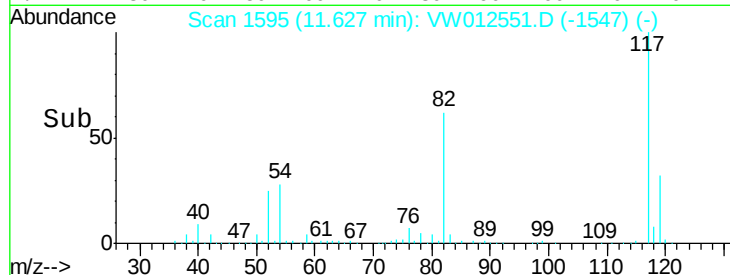
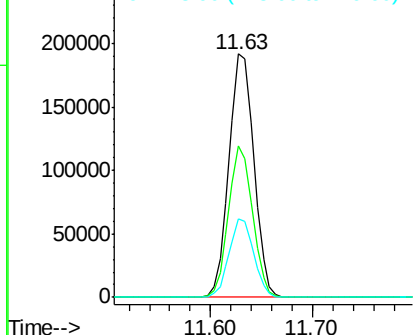
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012551.D
Acq: 03 Sep 2019 17:13

Instrument :
MSVOA_W
ClientSampleId :
S400-K1-2.0-2.5-082619

Tot Ion:117 Resp: 323877
Ion Ratio Lower Upper
117 100
82 62.4 47.4 71.2
119 32.0 25.4 38.2

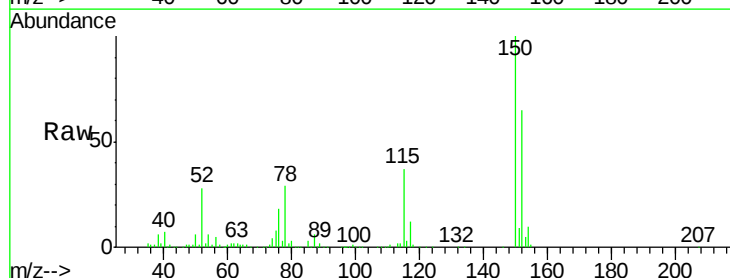


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012551.D
Acq: 03 Sep 2019 17:13

Tgt Ion:152 Resp: 125449
Ion Ratio Lower Upper
152 100
115 58.5 30.1 90.3
150 156.2 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

