

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090319\
 Data File : VW012554.D
 Acq On : 03 Sep 2019 18:30
 Operator : SY/VA
 Sample : K4550-01RE
 Misc : 4.28G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S402-K1-2.0-2.5-082619RE

Quant Time: Sep 03 19:11:30 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

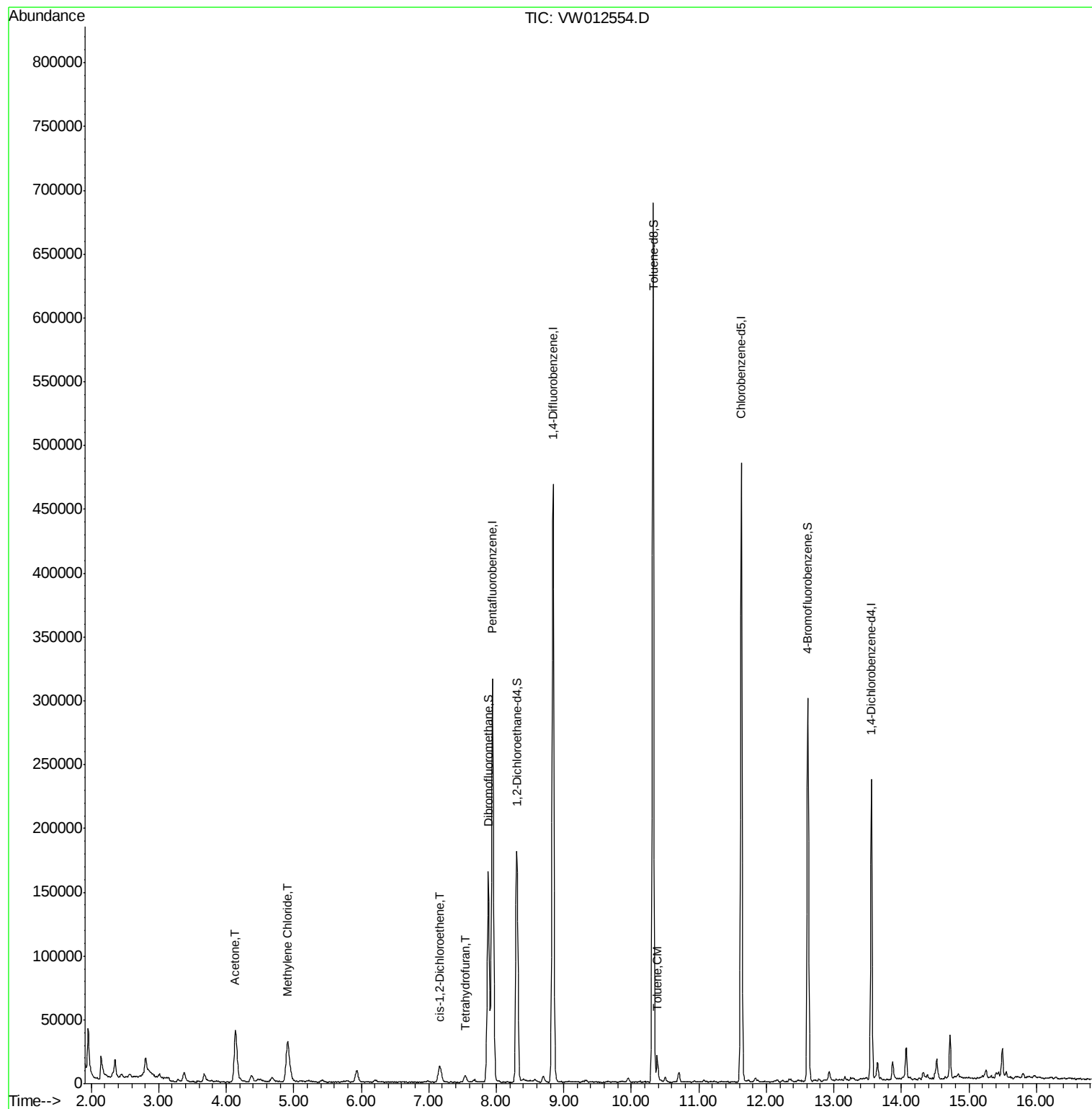
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	230495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	361152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	250735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	59670	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	147942	53.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.98%	
35) Dibromofluoromethane	7.88	113	115784	53.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.42%	
50) Toluene-d8	10.32	98	427001	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
62) 4-Bromofluorobenzene	12.61	95	92000	29.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.72%	
Target Compounds						
16) Acetone	4.13	43	84927	121.254	ug/l	96
20) Methylene Chloride	4.91	84	23974	9.054	ug/l	93
27) cis-1,2-Dichloroethene	7.17	96	4864	1.836	ug/l	93
29) Tetrahydrofuran	7.54	42	4881	8.548	ug/l	97
52) Toluene	10.38	92	8340	1.362	ug/l	94

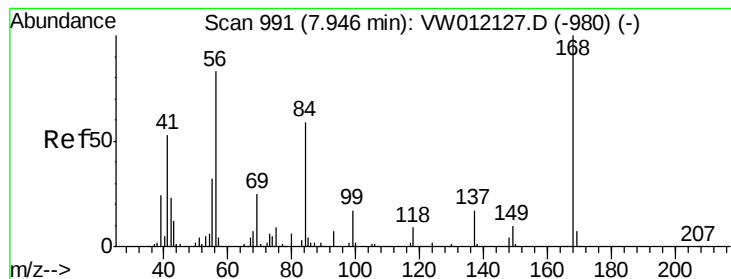
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090319\
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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
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: VW012554.D

Acq: 03 Sep 2019 18:30

Instrument :

MSVOA_W

ClientSampleId :

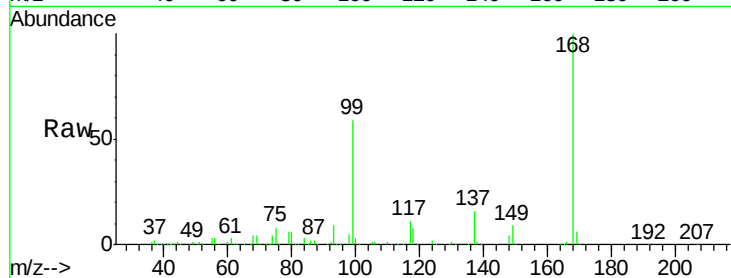
S402-K1-2.0-2.5-082619RE

Tot Ion:168 Resp: 230495

Ion Ratio Lower Upper

168 100

99 59.4 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

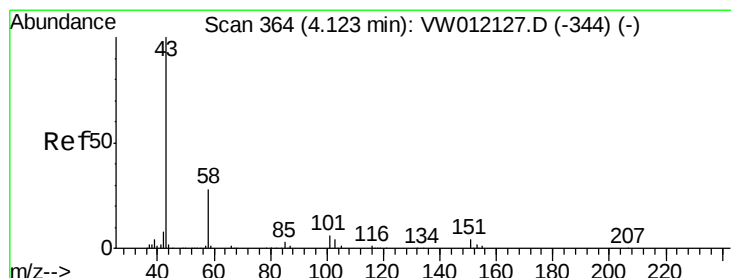
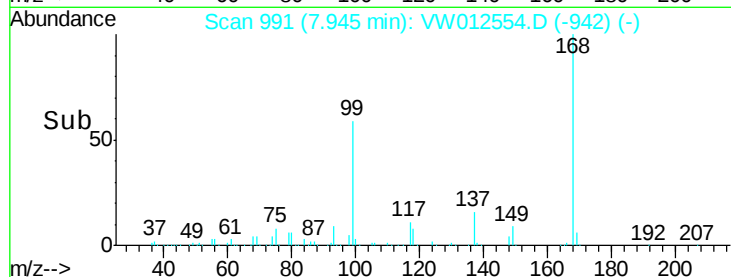
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 121.254 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW012554.D

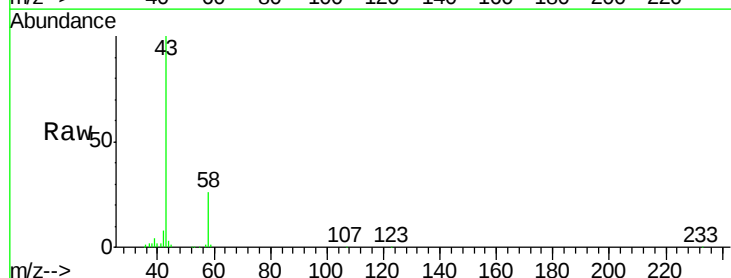
Acq: 03 Sep 2019 18:30

Tgt Ion: 43 Resp: 84927

Ion Ratio Lower Upper

43 100

58 26.1 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

30000

25000

20000

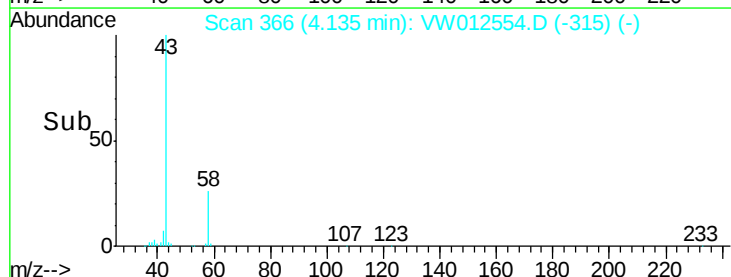
15000

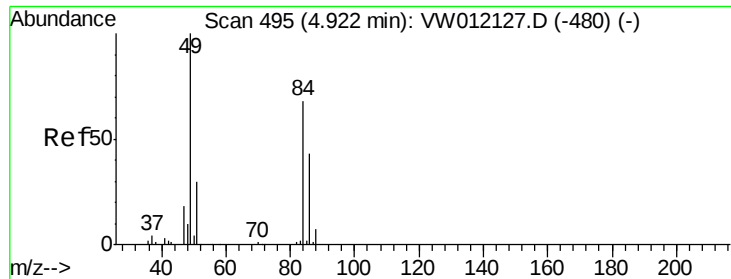
10000

5000

0

Time--> 4.00 4.10 4.20 4.30

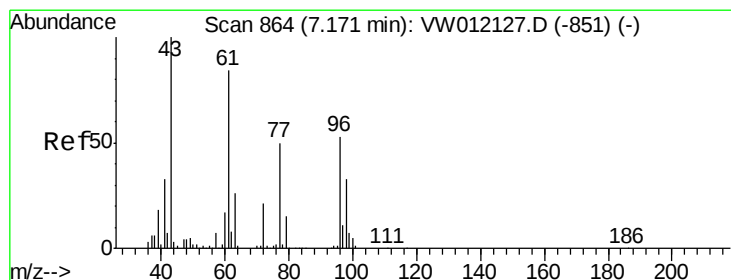
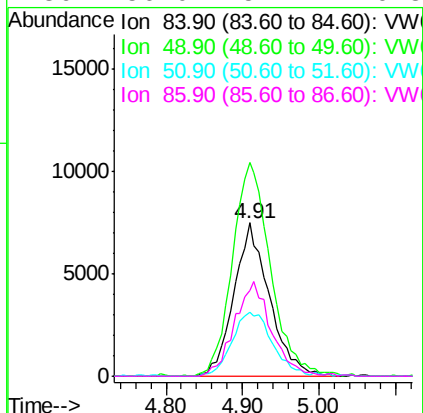
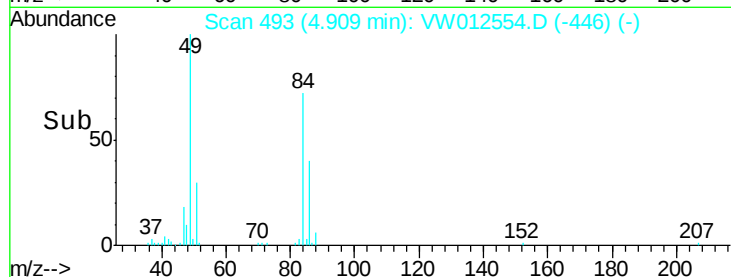
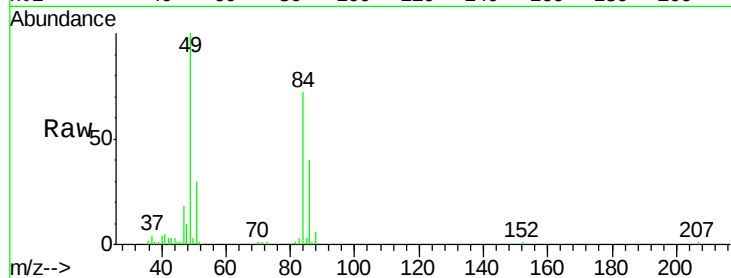




#20
Methylene Chloride
Concen: 9.054 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012554.D
Acq: 03 Sep 2019 18:30

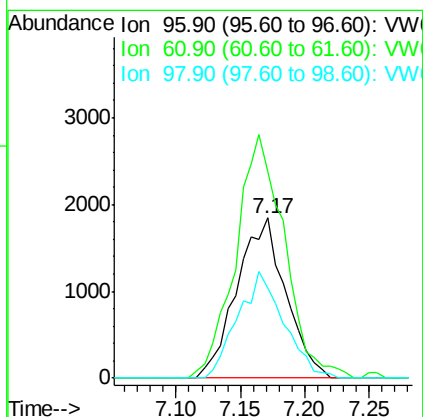
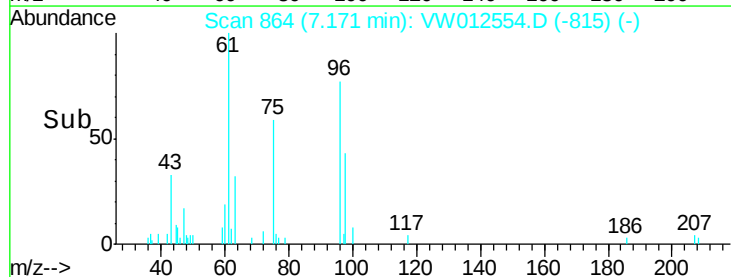
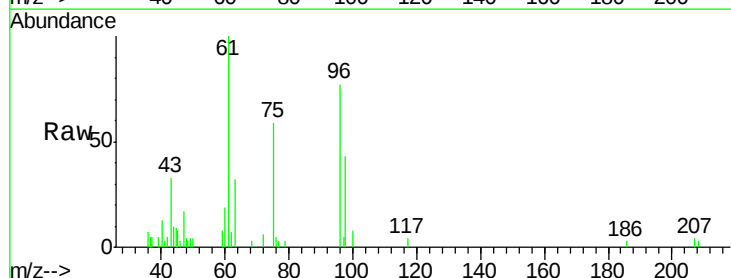
Instrument :
MSVOA_W
ClientSampleId :
S402-K1-2.0-2.5-082619RE

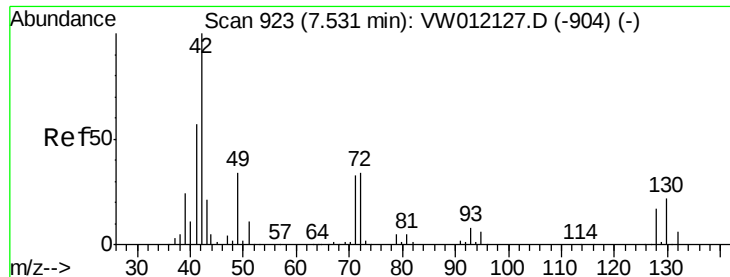
Tot Ion:	84	Resp:	23974
Ion	Ratio	Lower	Upper
84	100		
49	139.2	117.8	176.8
51	41.7	35.6	53.4
86	56.0	51.2	76.8



#27
cis-1,2-Dichloroethene
Concen: 1.836 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW012554.D
Acq: 03 Sep 2019 18:30

Tgt Ion:	96	Resp:	4864
Ion	Ratio	Lower	Upper
96	100		
61	151.4	0.0	326.6
98	62.6	0.0	127.4





#29

Tetrahydrofuran

Concen: 8.548 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW012554.D

Acq: 03 Sep 2019 18:30

Instrument :

MSVOA_W

ClientSampleId :

S402-K1-2.0-2.5-082619RE

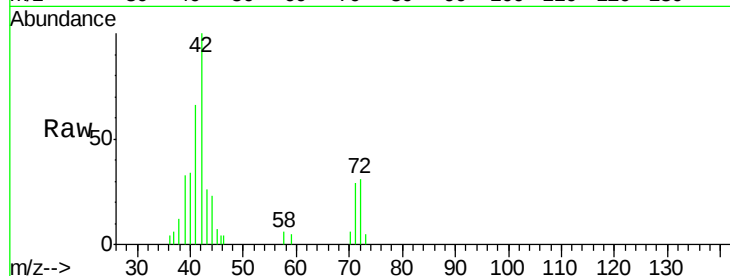
Tot Ion: 42 Resp: 4881

Ion Ratio Lower Upper

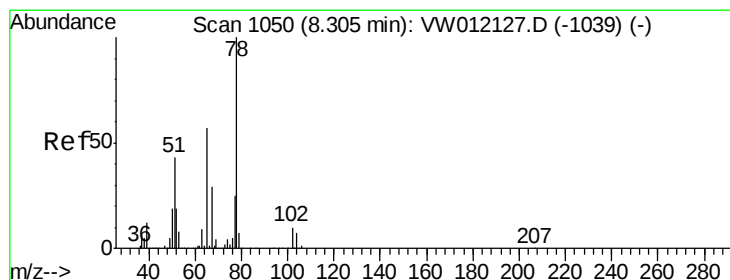
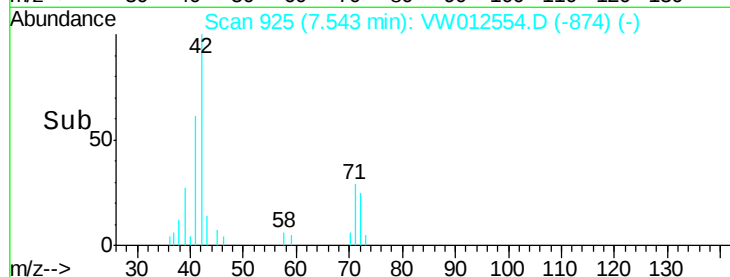
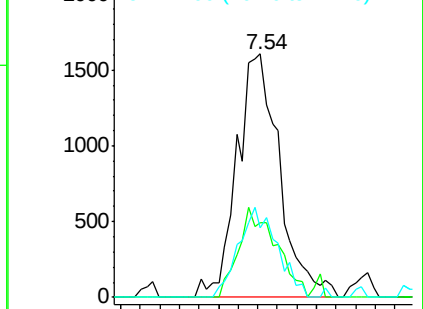
42 100

72 32.7 27.3 40.9

71 33.5 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: 53.993 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012554.D

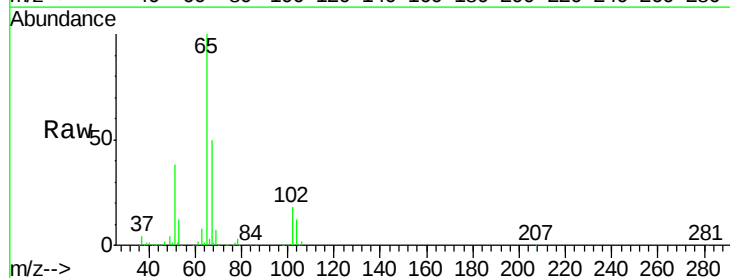
Acq: 03 Sep 2019 18:30

Tgt Ion: 65 Resp: 147942

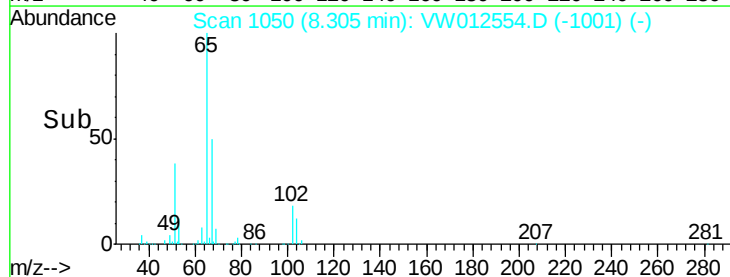
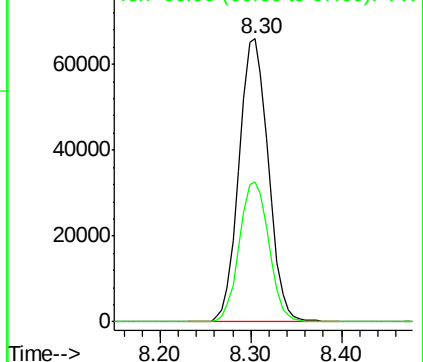
Ion Ratio Lower Upper

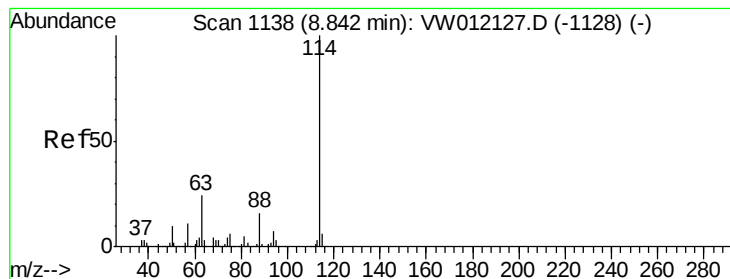
65 100

67 50.0 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: VW012554.D

Acq: 03 Sep 2019 18:30

Instrument :

MSVOA_W

ClientSampleId :

S402-K1-2.0-2.5-082619RE

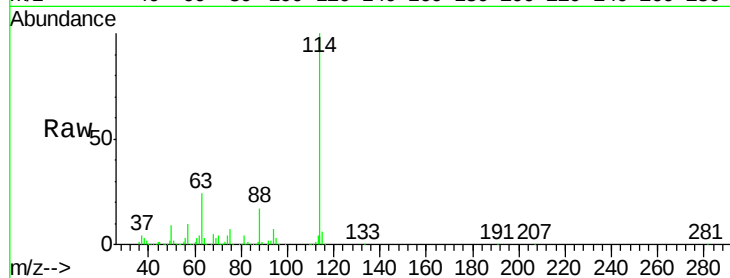
Tot Ion:114 Resp: 361152

Ion Ratio Lower Upper

114 100

63 24.4 0.0 48.6

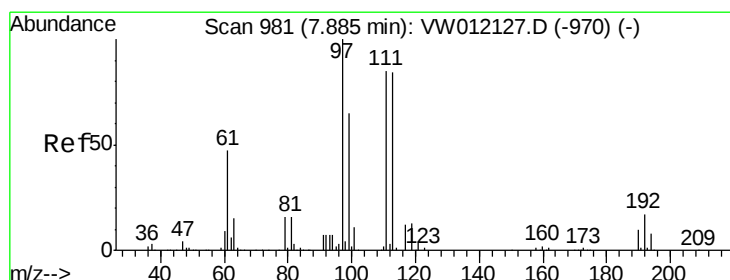
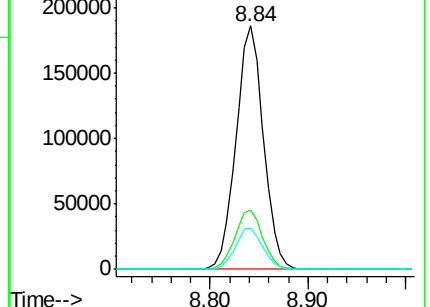
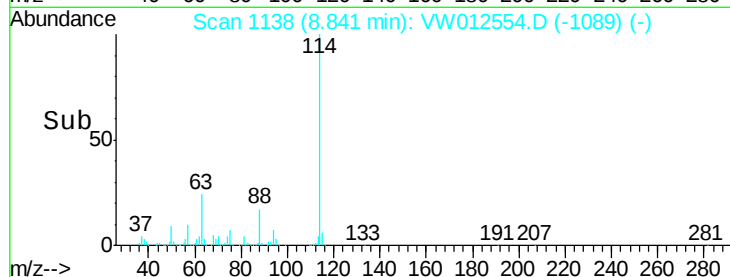
88 17.1 0.0 32.2



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: 53.710 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012554.D

Acq: 03 Sep 2019 18:30

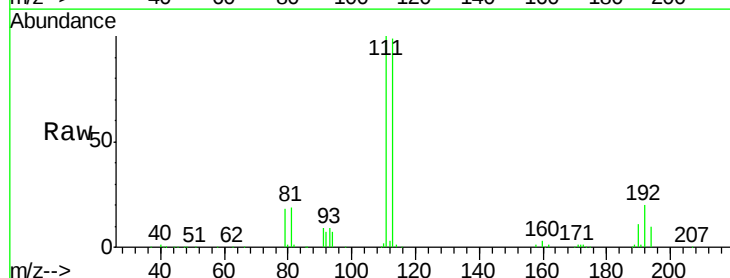
Tgt Ion:113 Resp: 115784

Ion Ratio Lower Upper

113 100

111 101.9 82.7 124.1

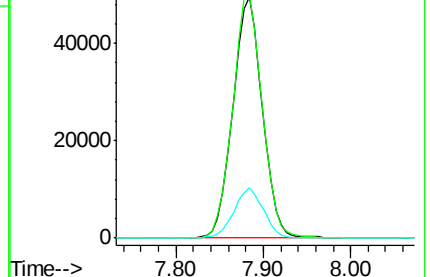
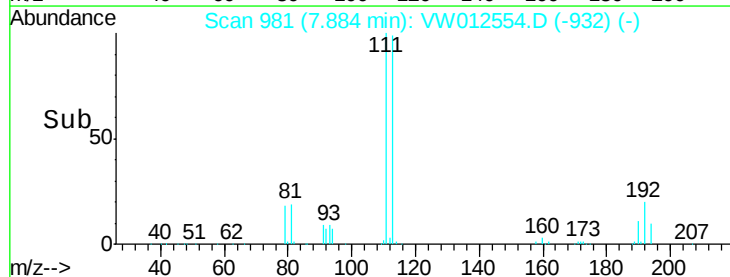
192 20.7 16.2 24.2

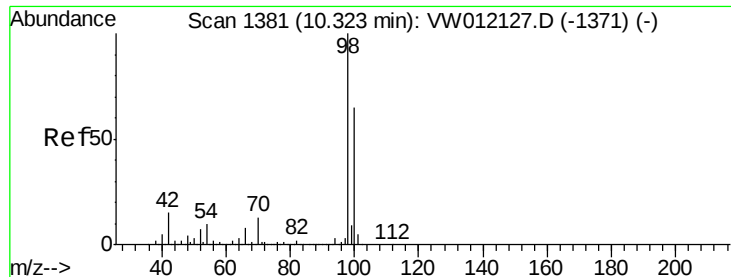


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

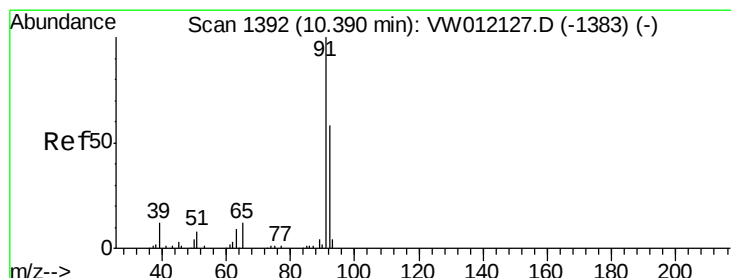
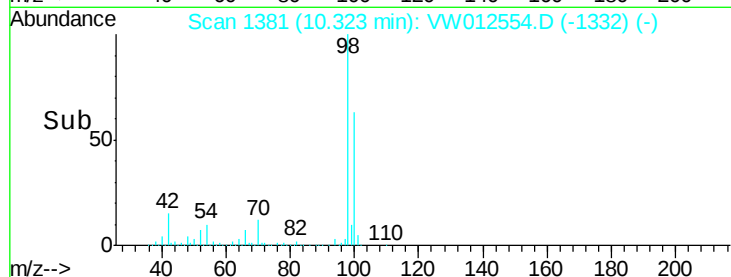
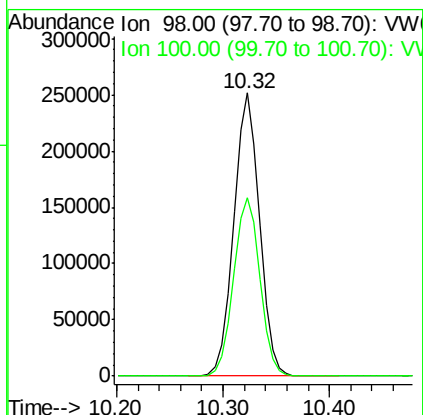
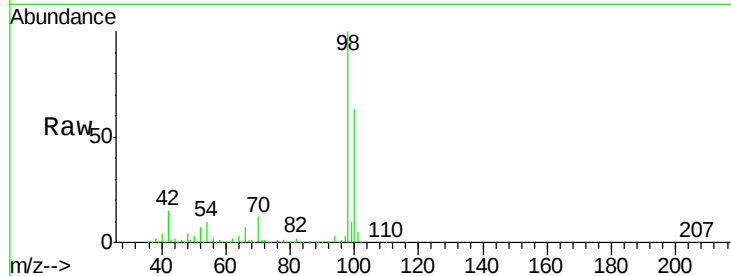




#50
Toluene-d8
Concen: 48.851 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012554.D
Acq: 03 Sep 2019 18:30

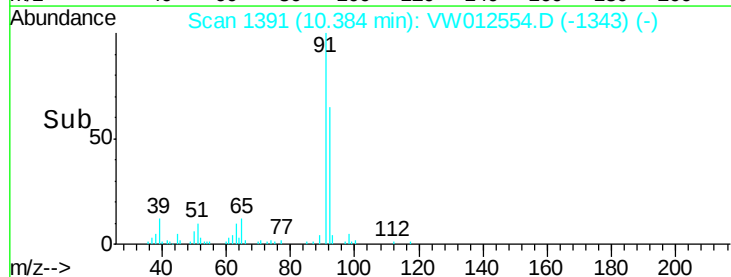
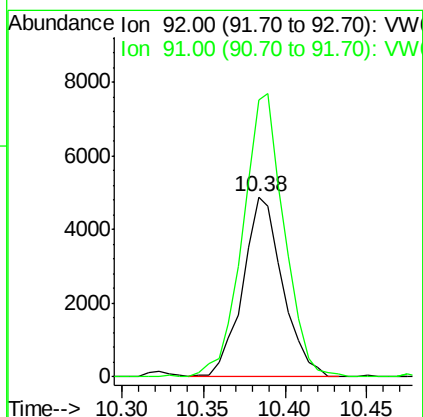
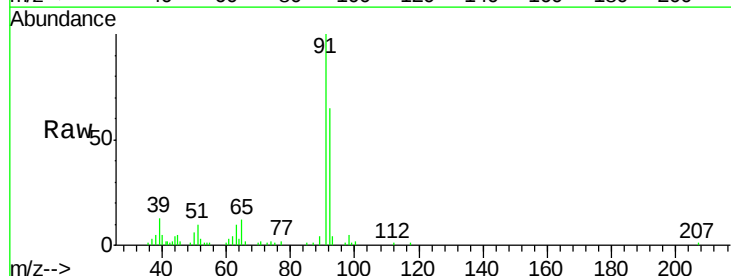
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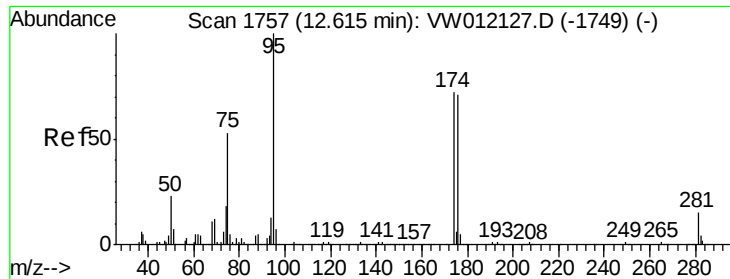
Tot Ion: 98 Resp: 427001
Ion Ratio Lower Upper
98 100
100 64.3 52.4 78.6



#52
Toluene
Concen: 1.362 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW012554.D
Acq: 03 Sep 2019 18:30

Tgt Ion: 92 Resp: 8340
Ion Ratio Lower Upper
92 100
91 162.1 136.6 204.8

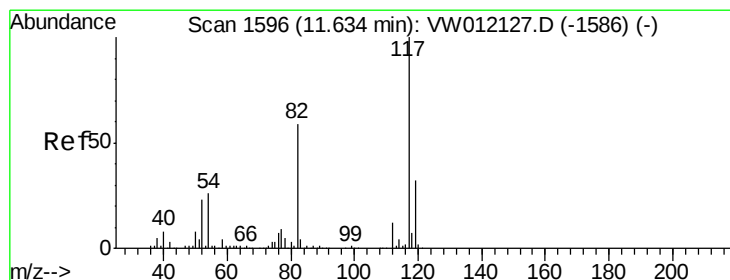
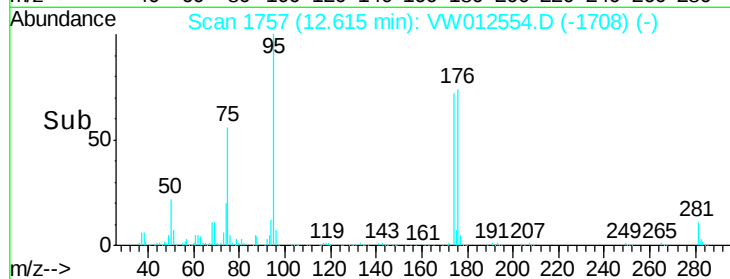
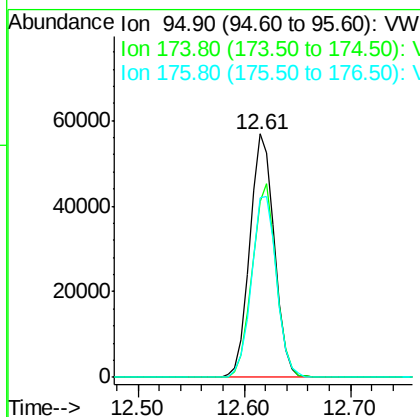
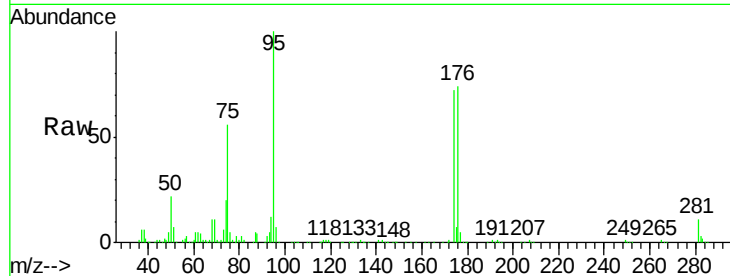




#62
4-Bromofluorobenzene
Concen: 29.859 ug/l
RT: 12.61 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012554.D
Acq: 03 Sep 2019 18:30

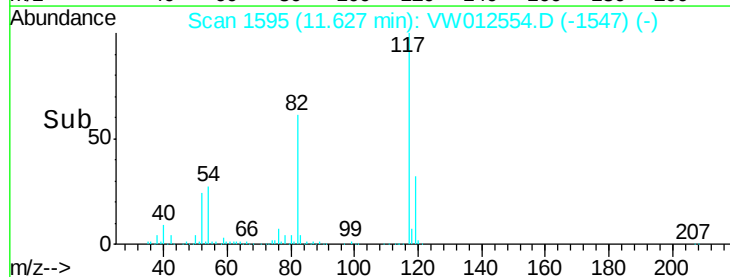
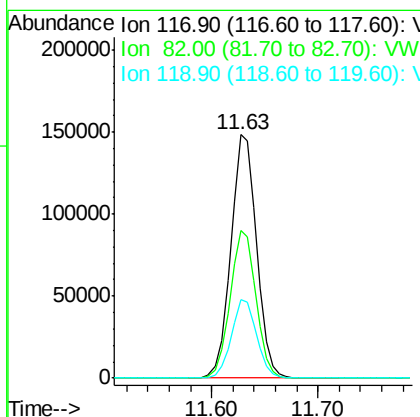
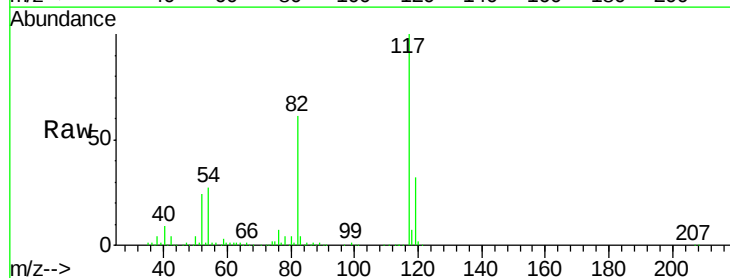
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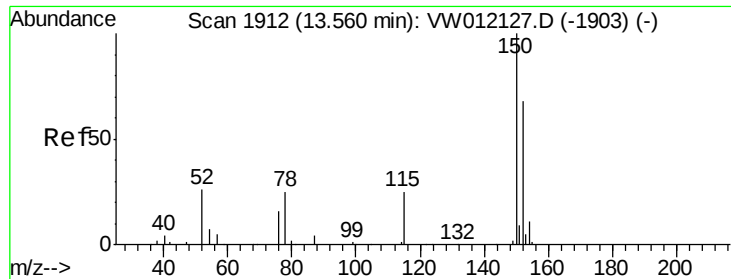
Tot Ion	95	Resp	92000
Ion Ratio	100	Lower	Upper
174	77.8	0.0	150.8
176	76.1	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012554.D
Acq: 03 Sep 2019 18:30

Tgt Ion	117	Resp	250735
Ion Ratio	100	Lower	Upper
82	60.9	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: VW012554.D

Acq: 03 Sep 2019 18:30

Instrument :

MSVOA_W

ClientSampleId :

S402-K1-2.0-2.5-082619RE

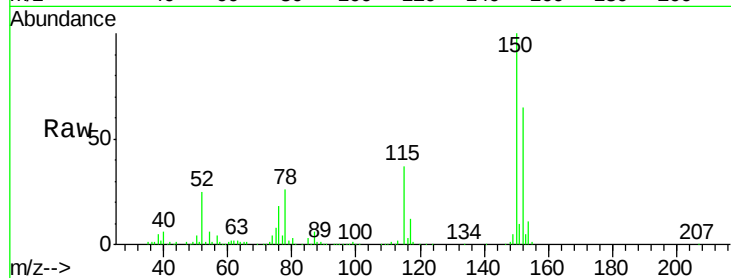
Tot Ion:152 Resp: 59670

Ion Ratio Lower Upper

152 100

115 59.8 30.1 90.3

150 157.0 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

