

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083119\
 Data File : VW012411.D
 Acq On : 31 Aug 2019 19:52
 Operator : SY/VA
 Sample : K4493-06
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-I-(1.9)

Quant Time: Sep 01 04:41:06 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	205306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	340851	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	290916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	121109	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	139080	56.99	ug/l	0.00
Spiked Amount			Recovery	=	113.98%	
35) Dibromofluoromethane	7.88	113	107768	52.97	ug/l	0.00
Spiked Amount			Recovery	=	105.94%	
50) Toluene-d8	10.32	98	423059	51.28	ug/l	0.00
Spiked Amount			Recovery	=	102.56%	
62) 4-Bromofluorobenzene	12.62	95	137443	47.26	ug/l	0.00
Spiked Amount			Recovery	=	94.52%	

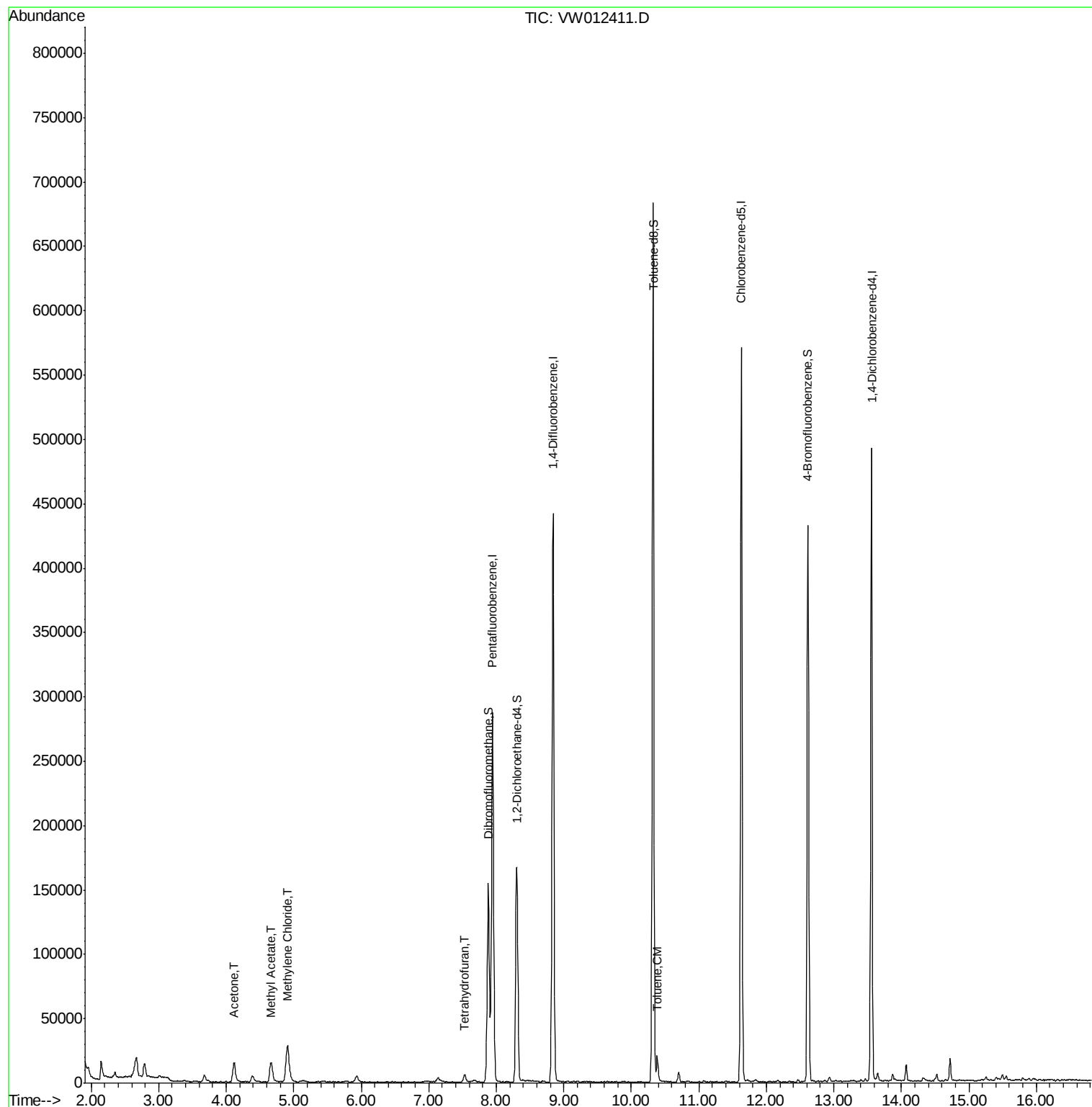
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	28011	44.899	ug/l	100
18) Methyl Acetate	4.66	43	32022	20.723	ug/l	100
20) Methylene Chloride	4.91	84	20732	8.790	ug/l	97
29) Tetrahydrofuran	7.52	42	4639	9.121	ug/l	98
52) Toluene	10.38	92	8013	1.387	ug/l	97

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

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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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012411.D

Acq: 31 Aug 2019 19:52

Instrument :

MSVOA_W

ClientSampleId :

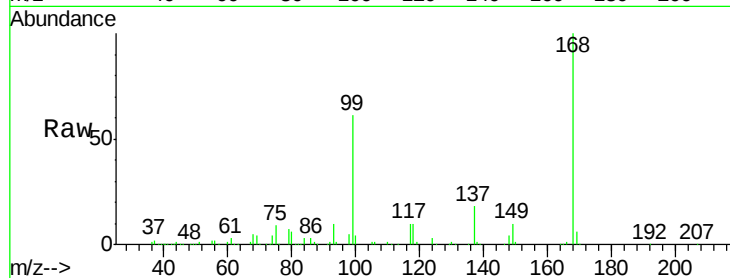
T9-12-13-I-(1.9)

Tot Ion:168 Resp: 205306

Ion Ratio Lower Upper

168 100

99 60.8 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

100000

80000

60000

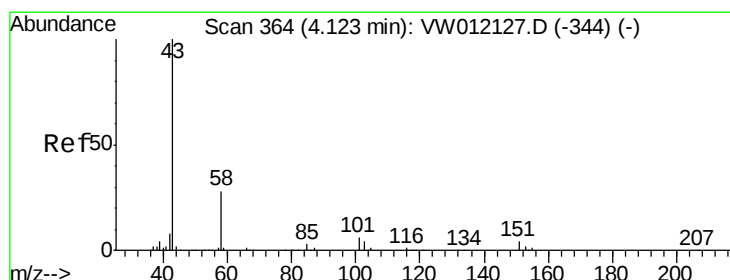
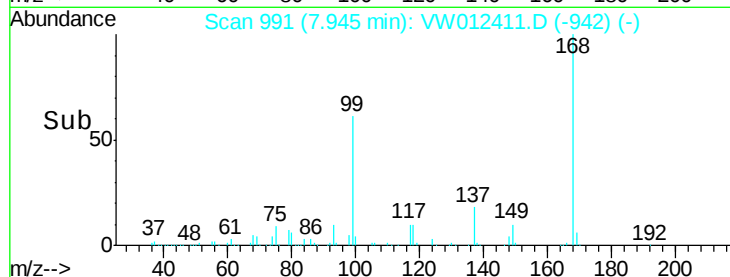
40000

20000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 44.899 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW012411.D

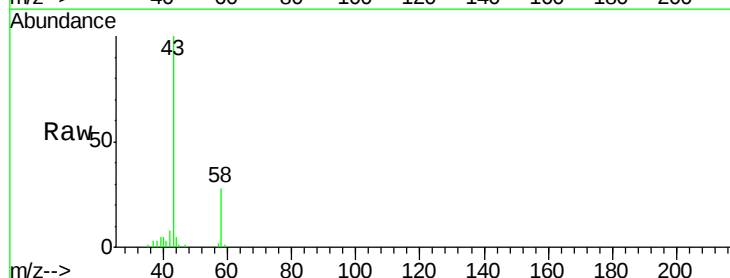
Acq: 31 Aug 2019 19:52

Tgt Ion: 43 Resp: 28011

Ion Ratio Lower Upper

43 100

58 28.2 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

10000

8000

6000

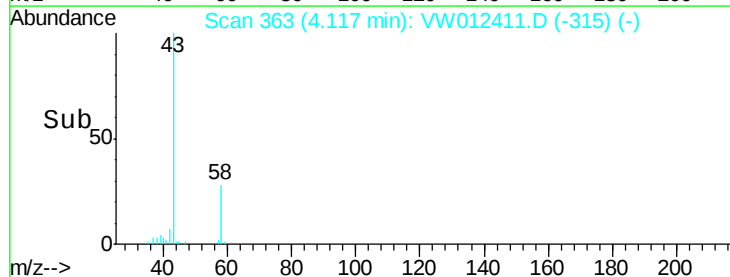
4000

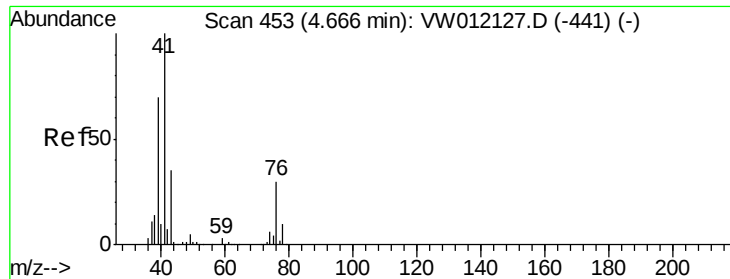
2000

0

4.00 4.10 4.20

Time-->

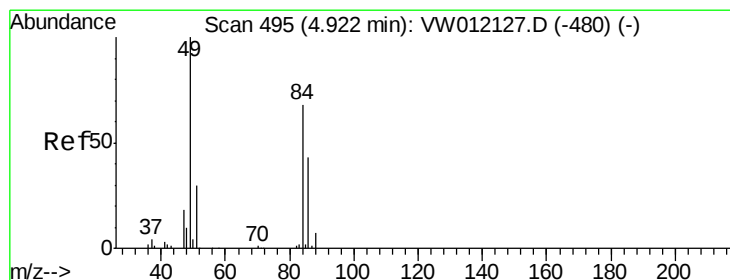
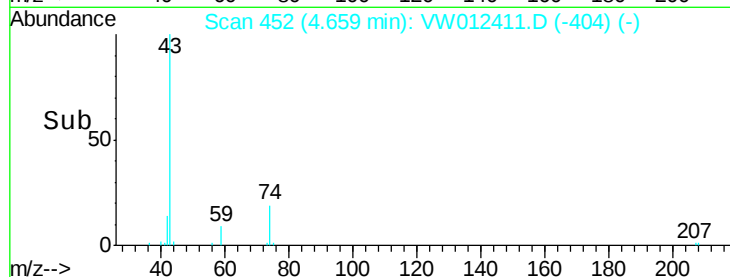
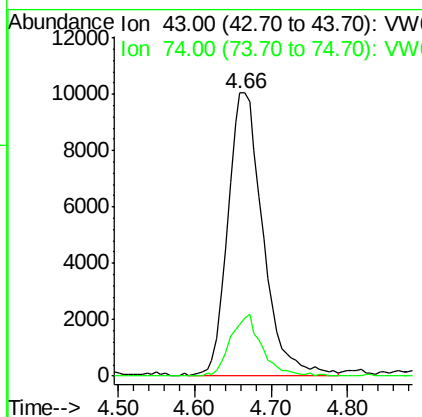
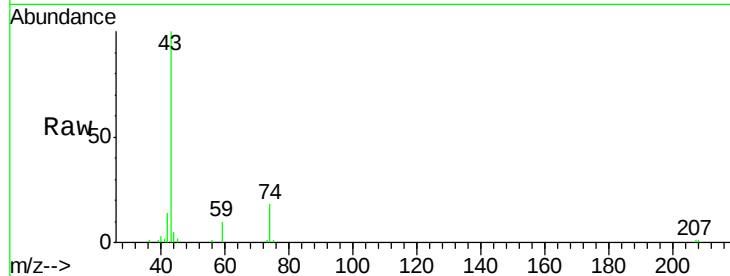




#18
Methvl Acetate
Concen: 20.723 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW012411.D
Acq: 31 Aug 2019 19:52

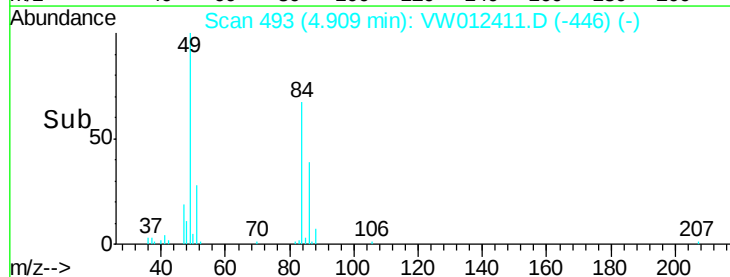
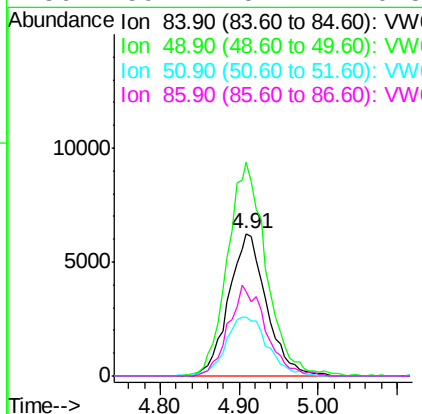
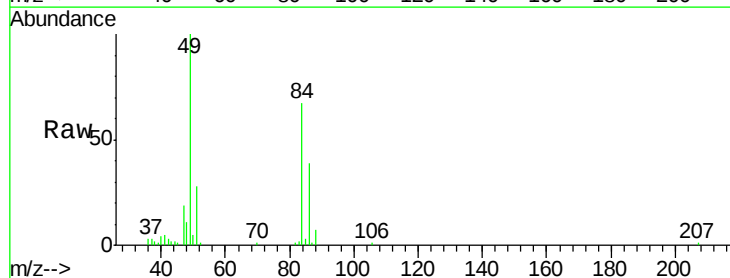
Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-I-(1.9)

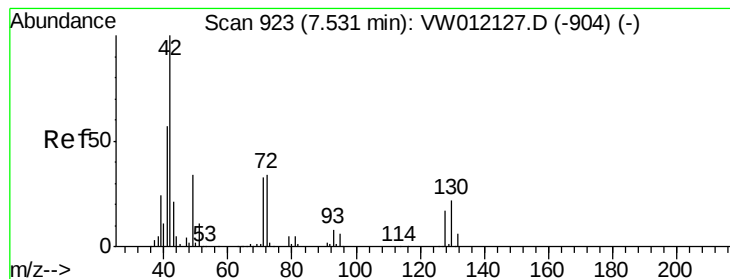
Tot Ion: 43 Resp: 32022
Ion Ratio Lower Upper
43 100
74 19.4 15.7 23.5



#20
Methylene Chloride
Concen: 8.790 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012411.D
Acq: 31 Aug 2019 19:52

Tgt Ion: 84 Resp: 20732
Ion Ratio Lower Upper
84 100
49 149.0 117.8 176.8
51 41.8 35.6 53.4
86 59.1 51.2 76.8





#29

Tetrahydrofuran

Concen: 9.121 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.01 min

Lab File: VW012411.D

Acq: 31 Aug 2019 19:52

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-I-(1.9)

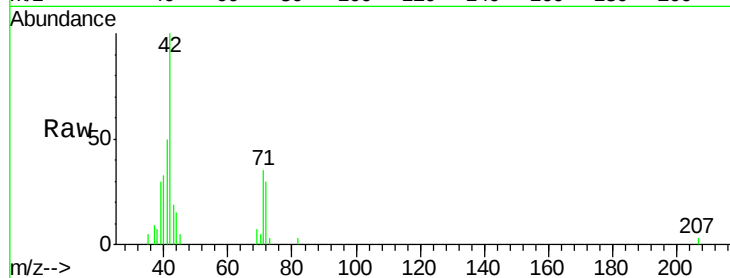
Tot Ion: 42 Resp: 4639

Ion Ratio Lower Upper

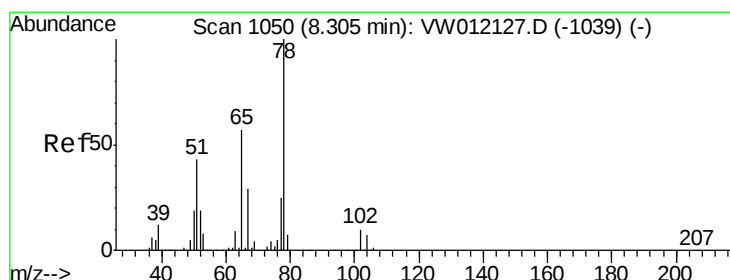
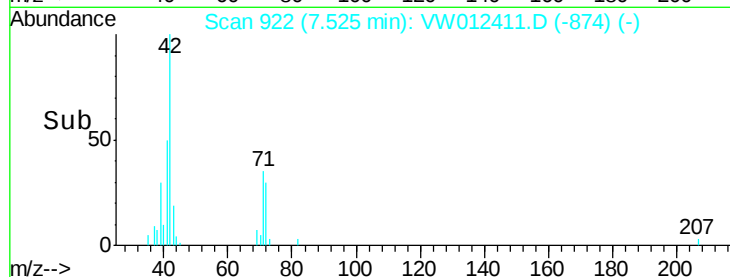
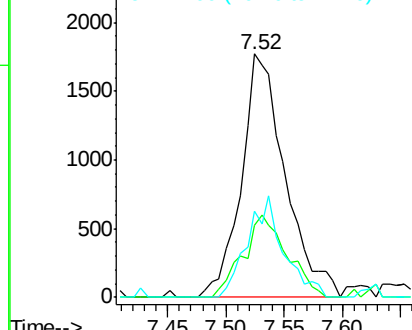
42 100

72 34.0 27.3 40.9

71 34.3 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: 56.986 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012411.D

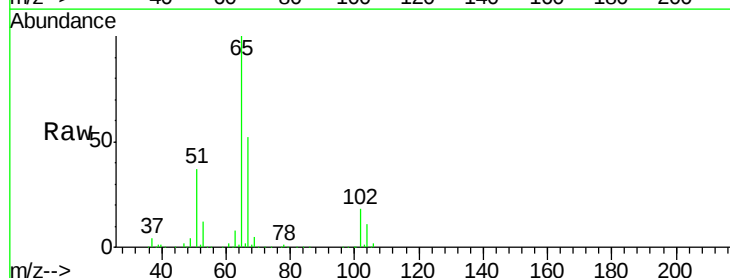
Acq: 31 Aug 2019 19:52

Tgt Ion: 65 Resp: 139080

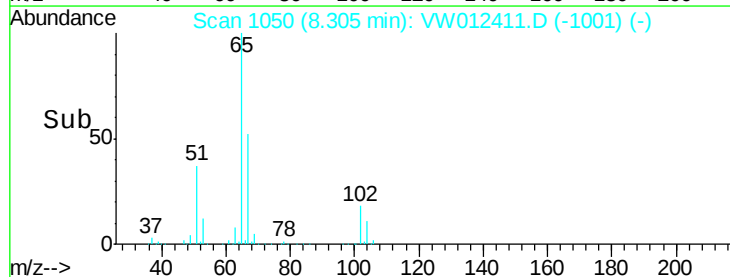
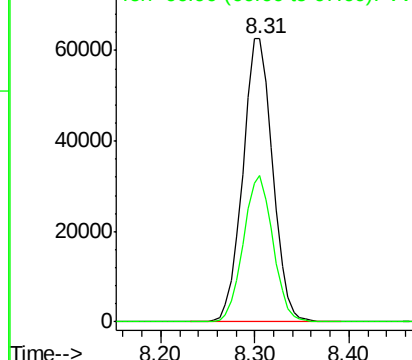
Ion Ratio Lower Upper

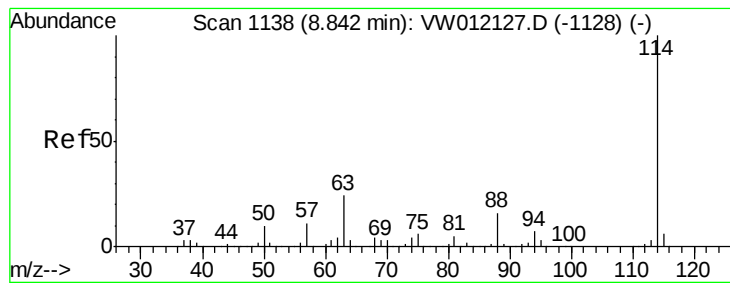
65 100

67 51.2 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: VW012411.D

Acq: 31 Aug 2019 19:52

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-I-(1.9)

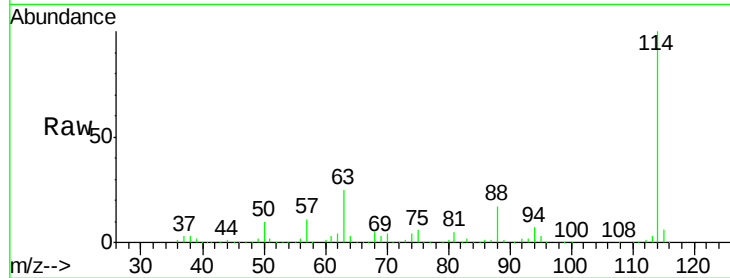
Tot Ion:114 Resp: 340851

Ion Ratio Lower Upper

114 100

63 25.4 0.0 48.6

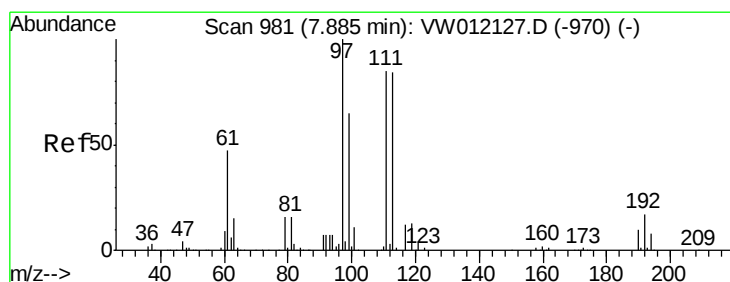
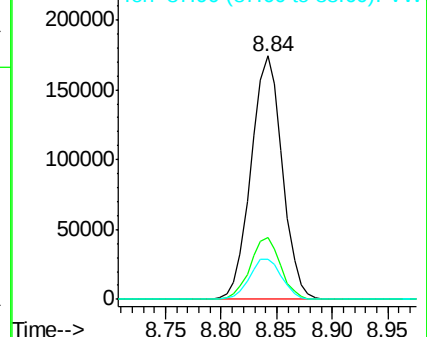
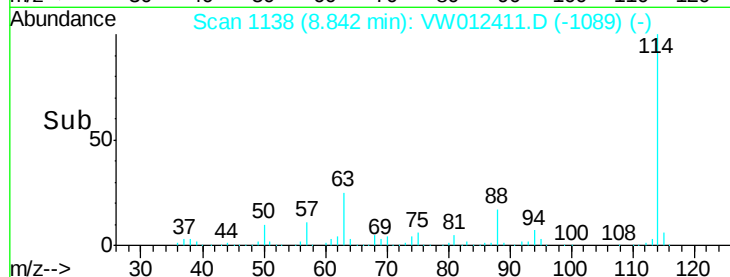
88 16.7 0.0 32.2



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: 52.969 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012411.D

Acq: 31 Aug 2019 19:52

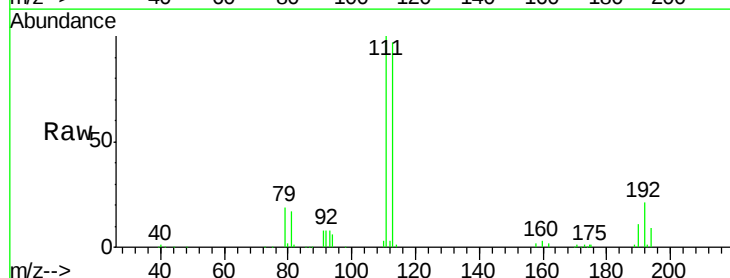
Tgt Ion:113 Resp: 107768

Ion Ratio Lower Upper

113 100

111 103.5 82.7 124.1

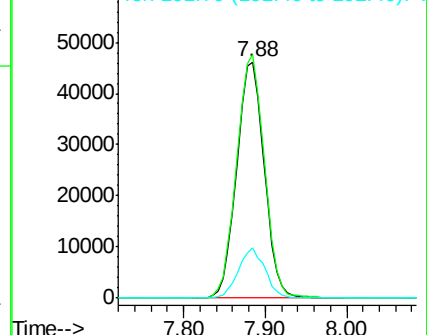
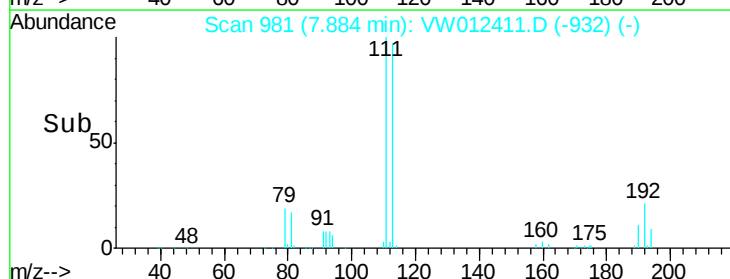
192 20.5 16.2 24.2

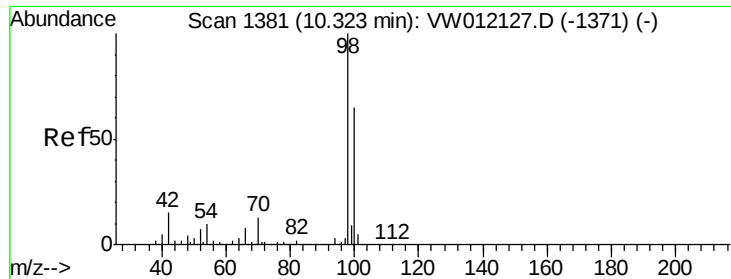


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

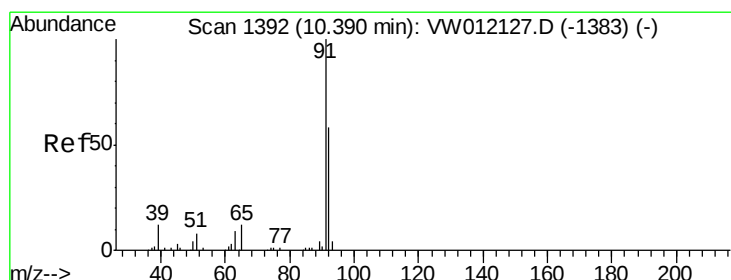
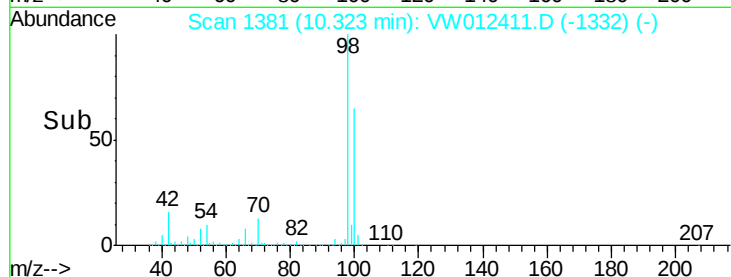
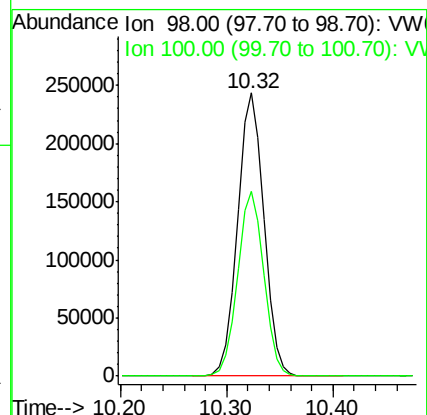
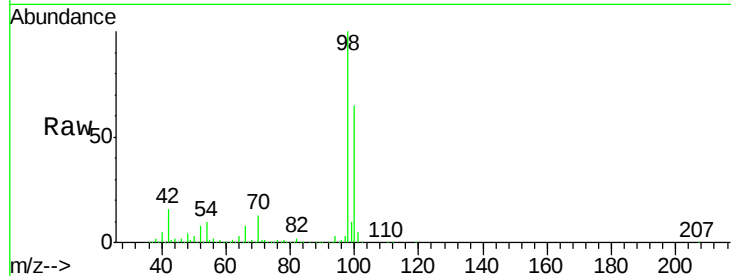




#50
Toluene-d8
Concen: 51.283 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012411.D
Acq: 31 Aug 2019 19:52

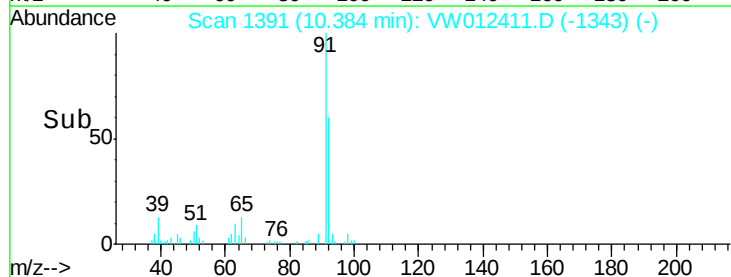
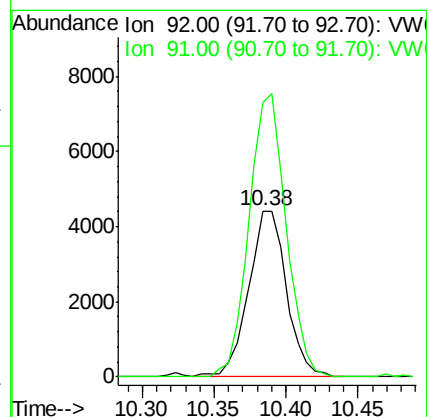
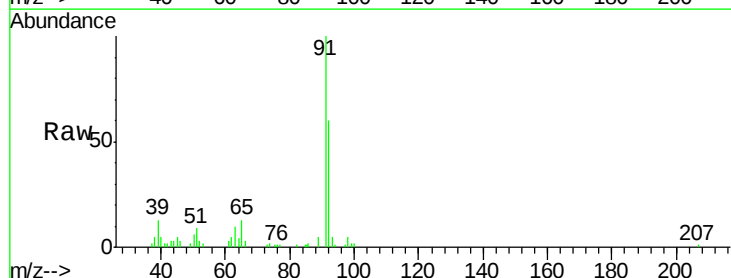
Instrument :
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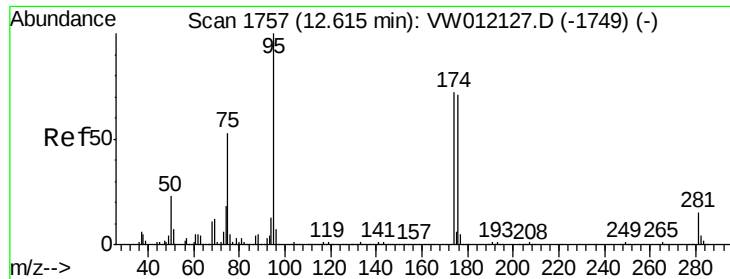
Tot Ion: 98 Resp: 423059
Ion Ratio Lower Upper
98 100
100 64.9 52.4 78.6



#52
Toluene
Concen: 1.387 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW012411.D
Acq: 31 Aug 2019 19:52

Tgt Ion: 92 Resp: 8013
Ion Ratio Lower Upper
92 100
91 166.9 136.6 204.8

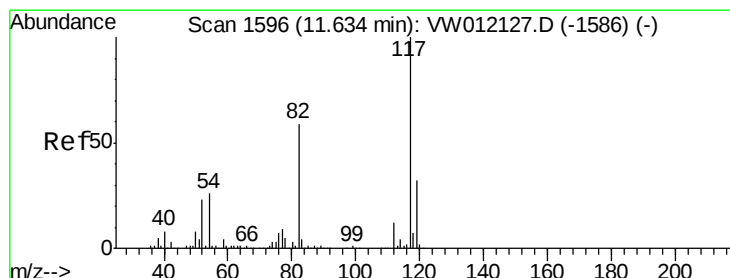
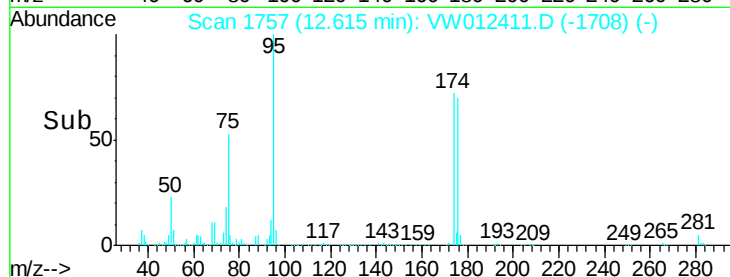
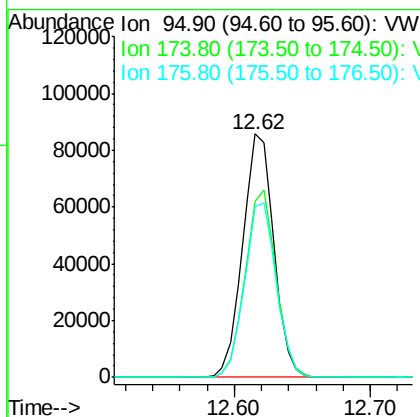
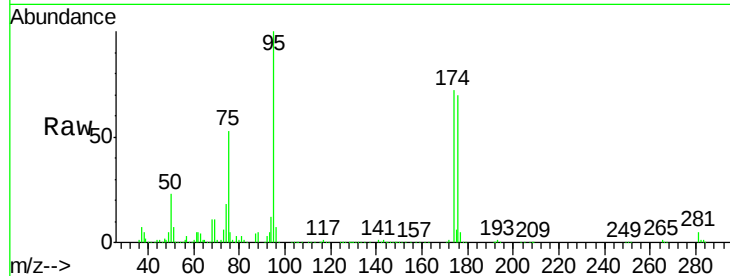




#62
4-Bromofluorobenzene
Concen: 47.265 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012411.D
Acq: 31 Aug 2019 19:52

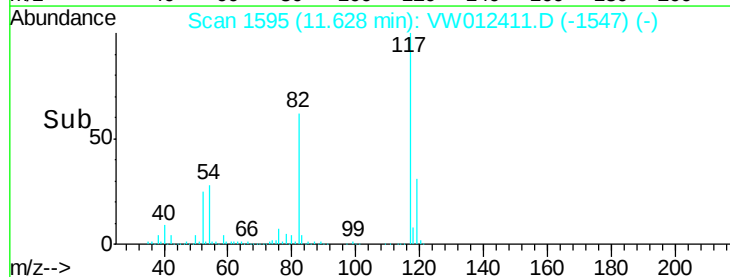
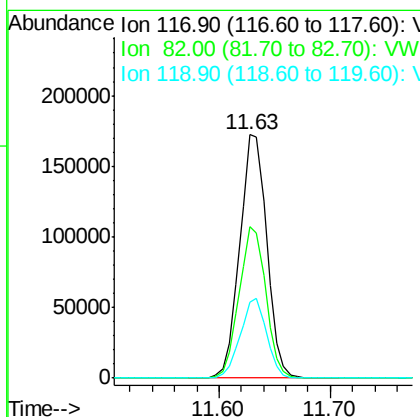
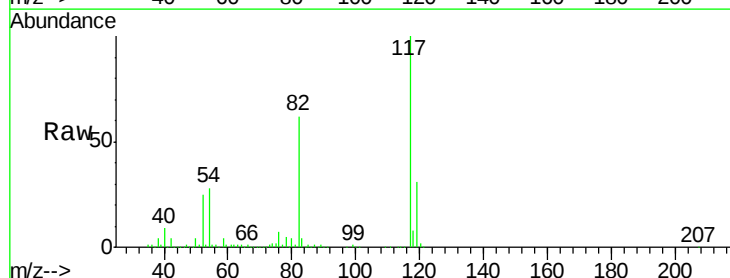
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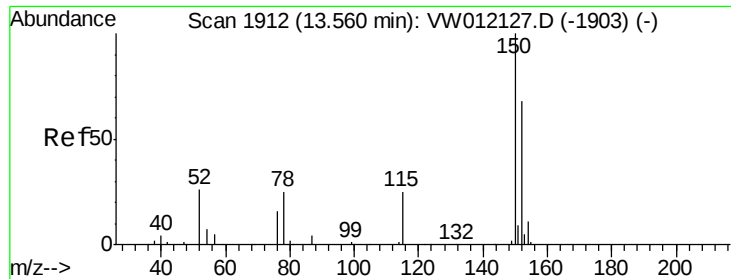
Tot Ion: 95 Resp: 137443
Ion Ratio Lower Upper
95 100
174 77.0 0.0 150.8
176 73.3 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012411.D
Acq: 31 Aug 2019 19:52

Tgt Ion: 117 Resp: 290916
Ion Ratio Lower Upper
117 100
82 62.1 47.4 71.2
119 31.4 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: VW012411.D

Acq: 31 Aug 2019 19:52

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-I-(1.9)

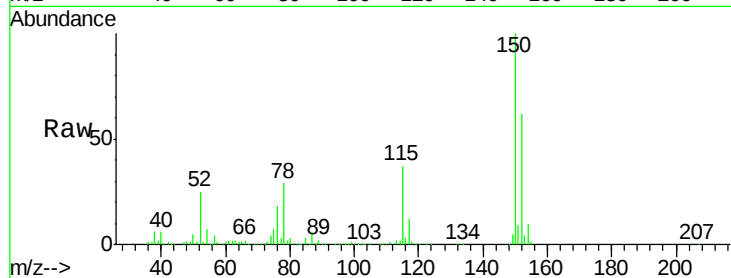
Tot Ion:152 Resp: 121109

Ion Ratio Lower Upper

152 100

115 60.5 30.1 90.3

150 158.6 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

