

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012644.D
 Acq On : 05 Sep 2019 16:45
 Operator : SY/VA
 Sample : K4639-04RE
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DW-02RE

Quant Time: Sep 05 17:16:52 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

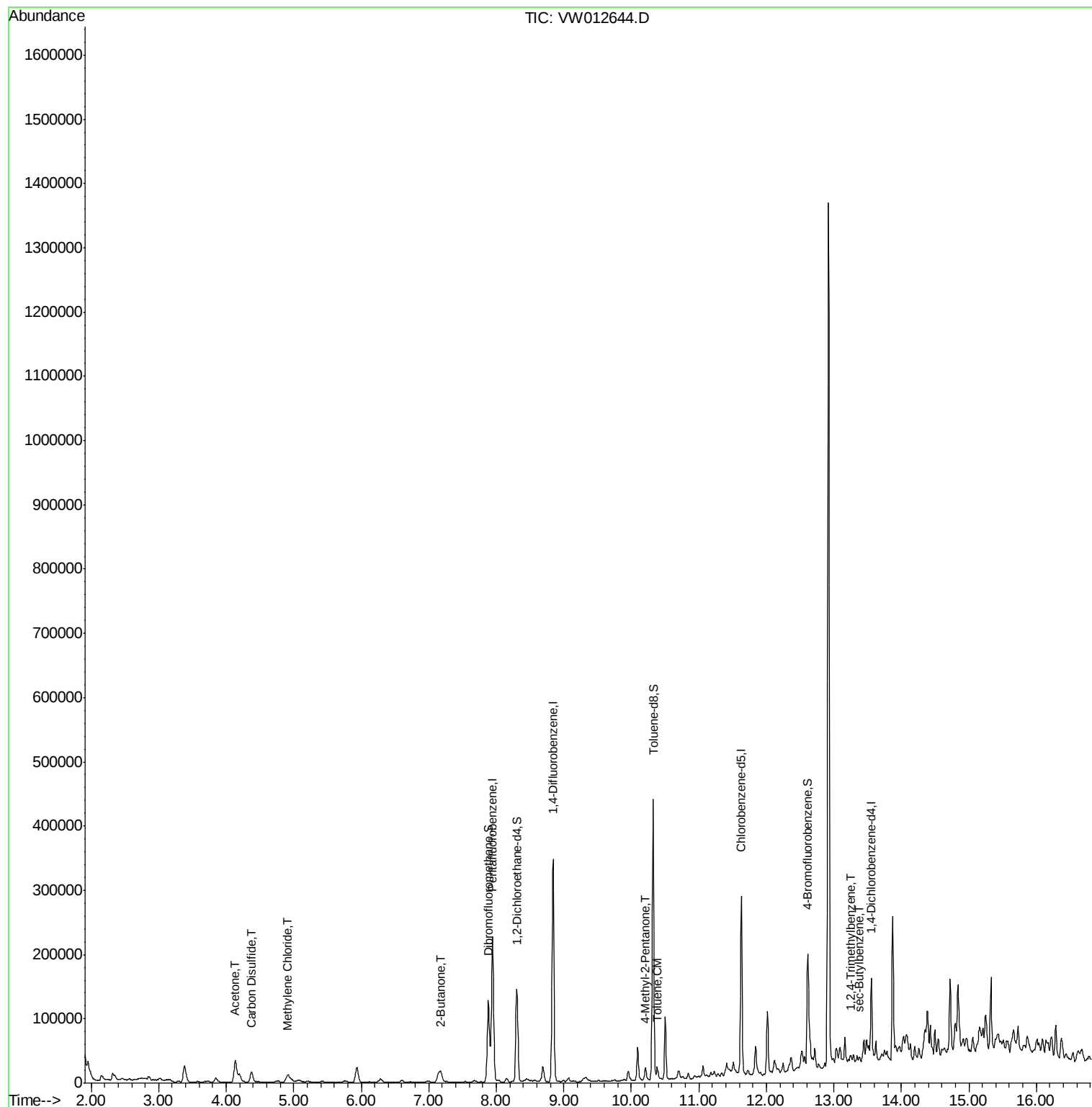
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	163606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	272219	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	146466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	27288	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	118616	60.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.98%	
35) Dibromofluoromethane	7.88	113	88461	54.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.88%	
50) Toluene-d8	10.32	98	269331	40.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.76%	
62) 4-Bromofluorobenzene	12.62	95	51548	22.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	44.40%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	68266	137.314	ug/l	96
17) Carbon Disulfide	4.37	76	34217	6.899	ug/l	97
20) Methylene Chloride	4.91	84	8140	4.331	ug/l	89
25) 2-Butanone	7.18	43	25850	38.264	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	14414	9.925	ug/l	99
52) Toluene	10.38	92	7186	1.557	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	7266	4.234	ug/l	99
85) sec-Butylbenzene	13.38	105	4549	2.194	ug/l #	69

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

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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: VW012644.D

Acq: 05 Sep 2019 16:45

Instrument :

MSVOA_W

ClientSampleId :

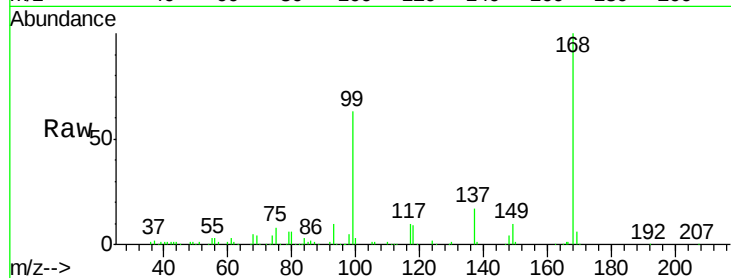
DW-02RE

Tot Ion:168 Resp: 163606

Ion Ratio Lower Upper

168 100

99 62.7 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

80000

60000

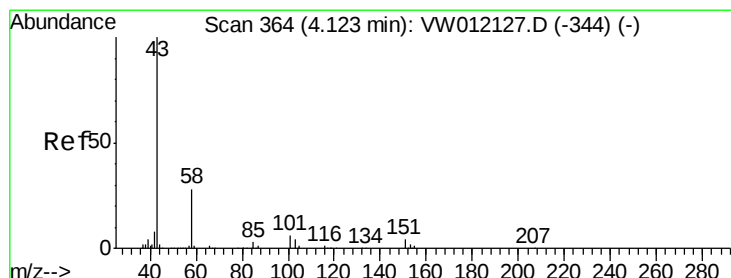
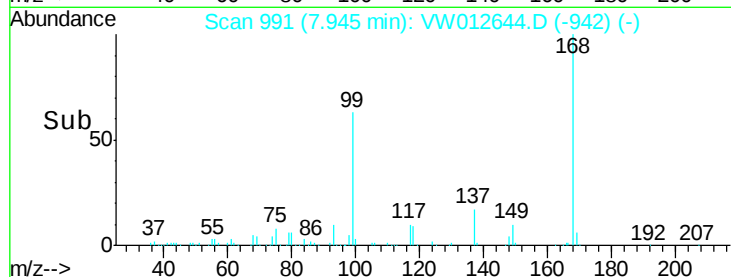
40000

20000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 137.314 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW012644.D

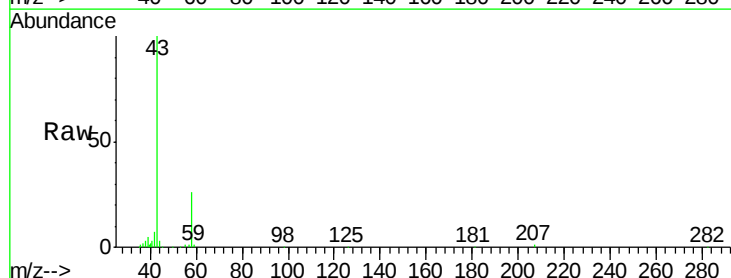
Acq: 05 Sep 2019 16:45

Tgt Ion: 43 Resp: 68266

Ion Ratio Lower Upper

43 100

58 26.0 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

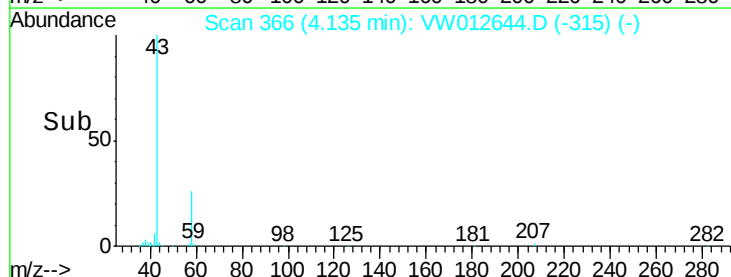
10000

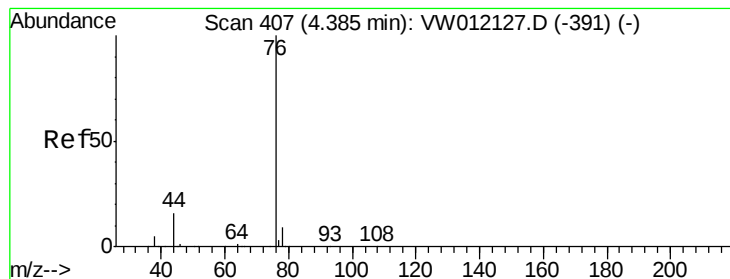
5000

0

4.00 4.10 4.20 4.30

Time-->





#17

Carbon Disulfide

Concen: 6.899 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW012644.D

Acq: 05 Sep 2019 16:45

Instrument :

MSVOA_W

ClientSampleId :

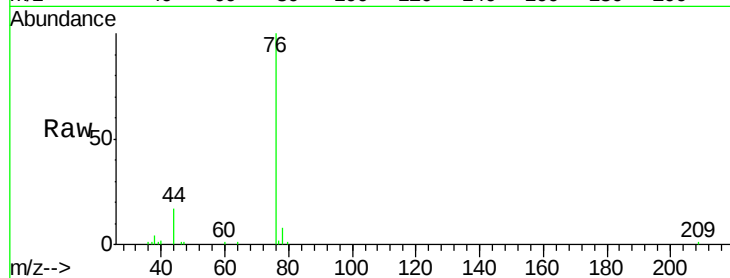
DW-02RE

Tot Ion: 76 Resp: 34217

Ion Ratio Lower Upper

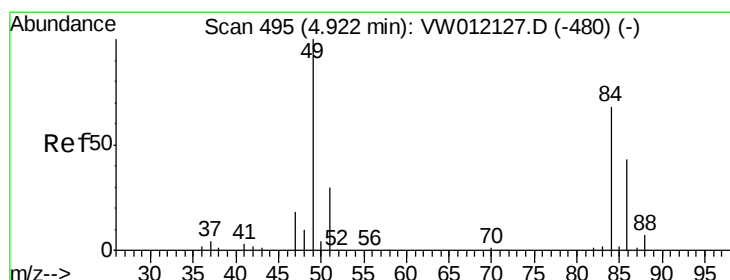
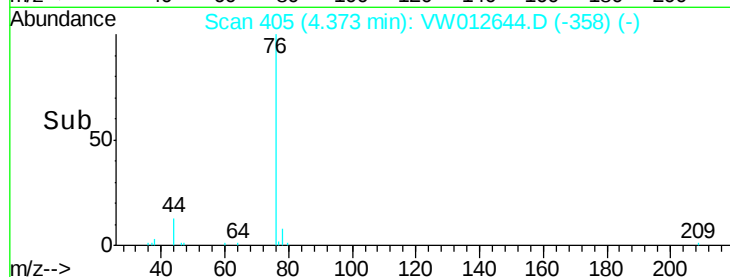
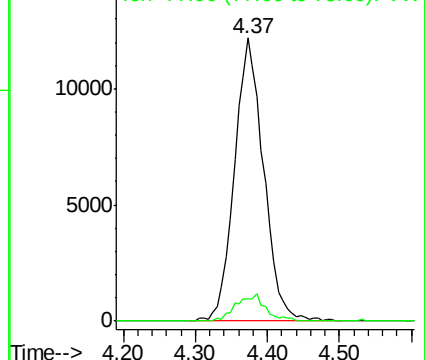
76 100

78 8.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 4.331 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012644.D

Acq: 05 Sep 2019 16:45

Tgt Ion: 84 Resp: 8140

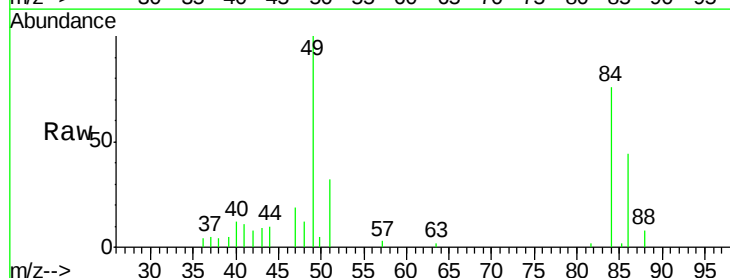
Ion Ratio Lower Upper

84 100

49 128.9 117.8 176.8

51 41.9 35.6 53.4

86 57.3 51.2 76.8

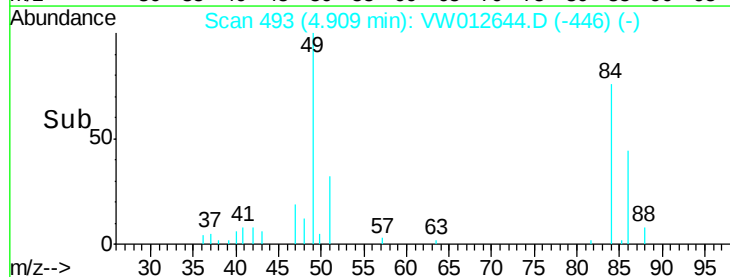
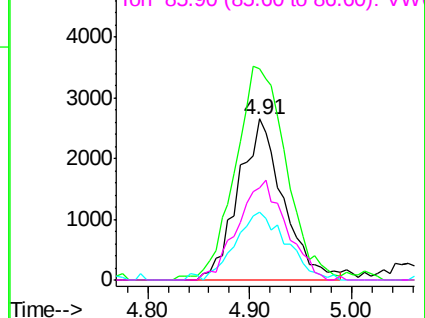


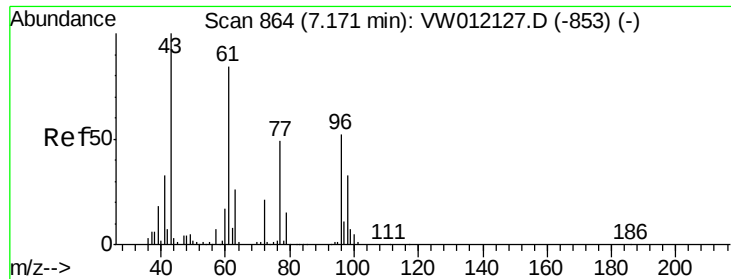
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#25

2-Butanone

Concen: 38.264 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW012644.D

Acq: 05 Sep 2019 16:45

Instrument :

MSVOA_W

ClientSampleId :

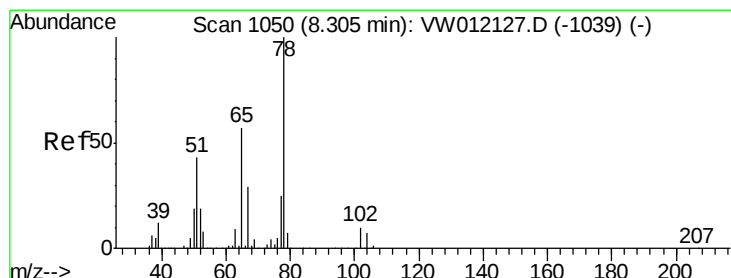
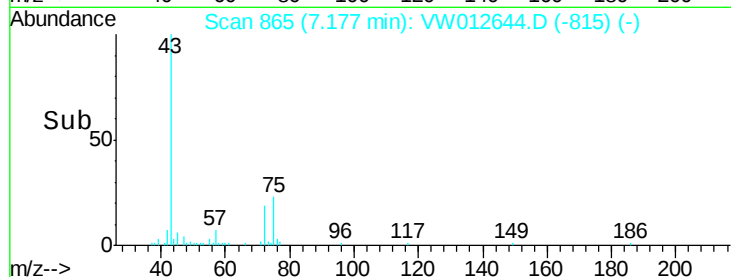
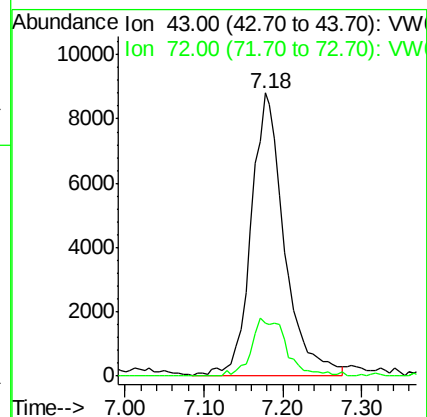
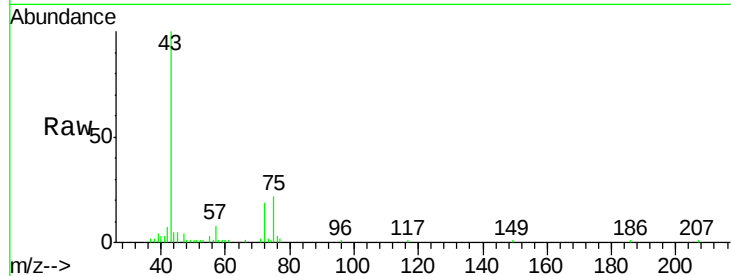
DW-02RE

Tot Ion: 43 Resp: 25850

Ion Ratio Lower Upper

43 100

72 18.5 16.6 24.8



#33

1,2-Dichloroethane-d4

Concen: 60.989 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012644.D

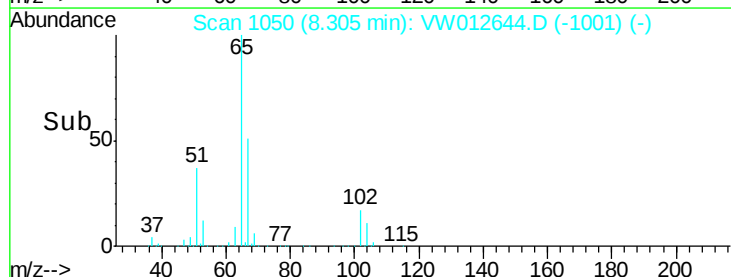
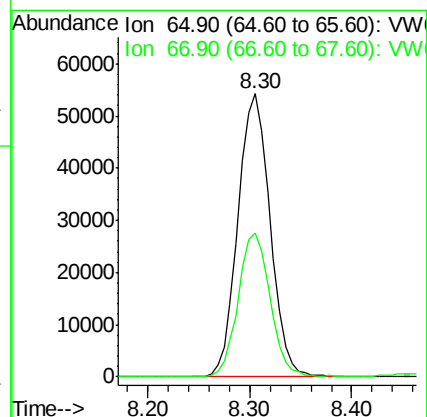
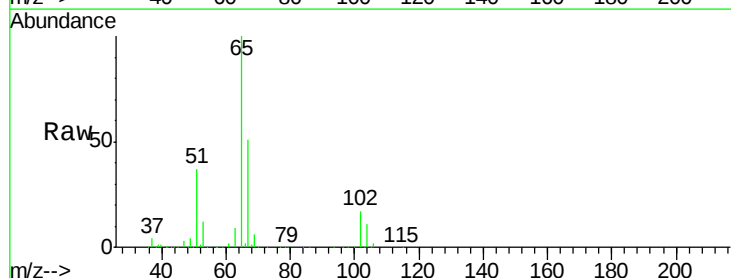
Acq: 05 Sep 2019 16:45

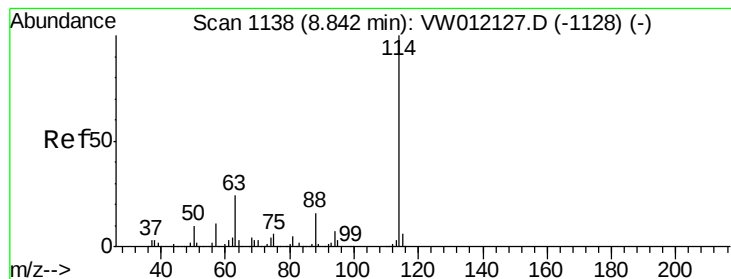
Tgt Ion: 65 Resp: 118616

Ion Ratio Lower Upper

65 100

67 50.8 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: VW012644.D

Acq: 05 Sep 2019 16:45

Instrument :

MSVOA_W

ClientSampleId :

DW-02RE

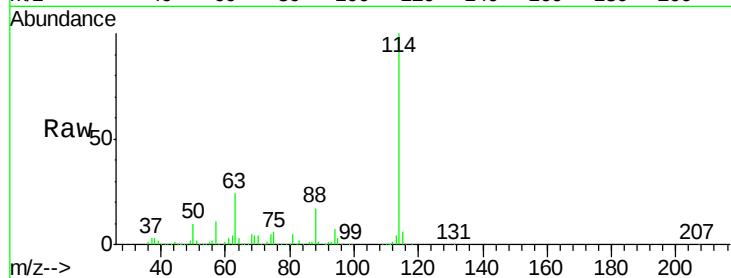
Tot Ion:114 Resp: 272219

Ion Ratio Lower Upper

114 100

63 23.9 0.0 48.6

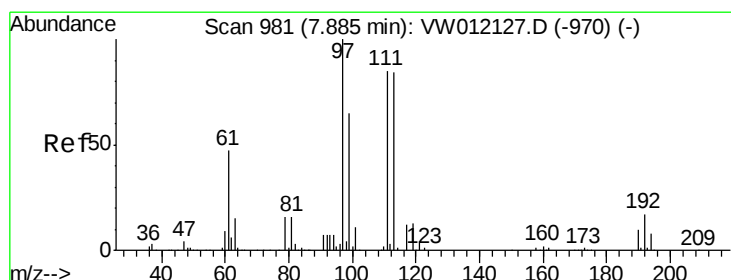
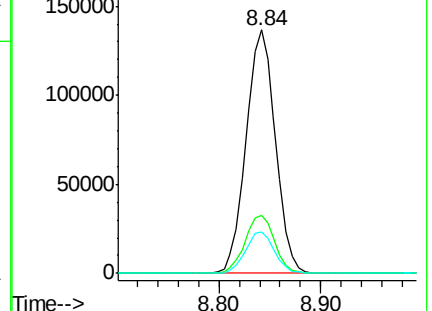
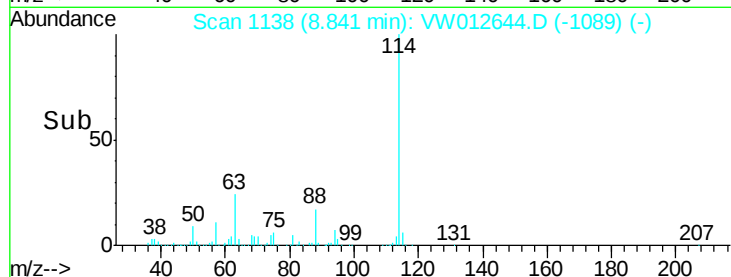
88 16.9 0.0 32.2



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: 54.441 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012644.D

Acq: 05 Sep 2019 16:45

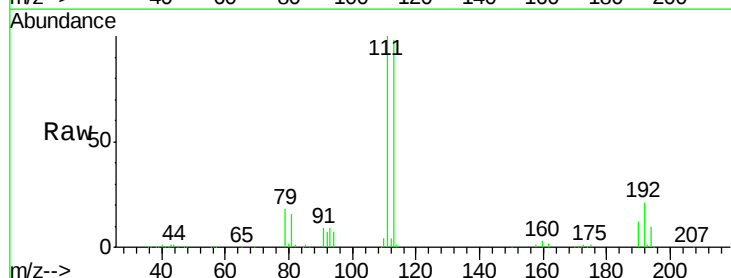
Tgt Ion:113 Resp: 88461

Ion Ratio Lower Upper

113 100

111 104.4 82.7 124.1

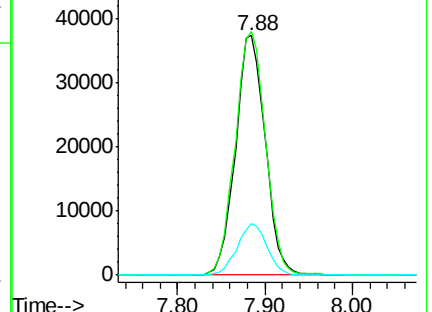
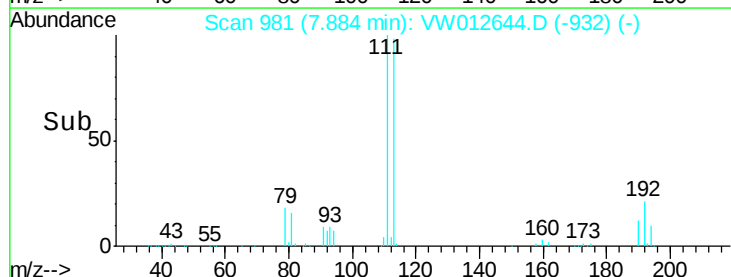
192 21.6 16.2 24.2

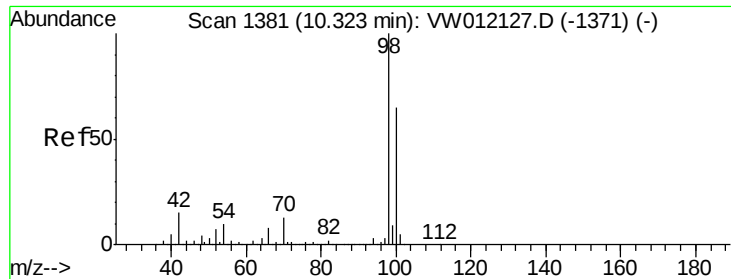


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 40.879 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012644.D

Acq: 05 Sep 2019 16:45

Instrument :

MSVOA_W

ClientSampleId :

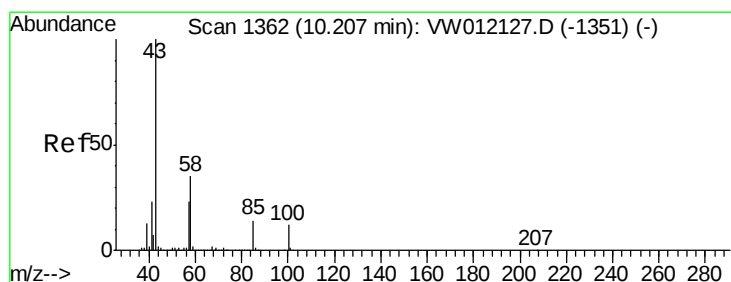
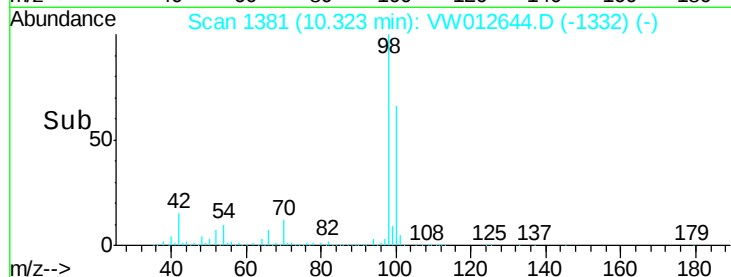
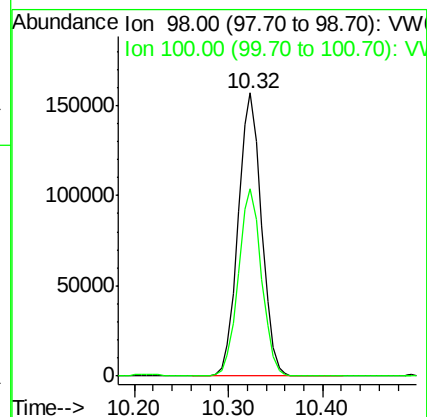
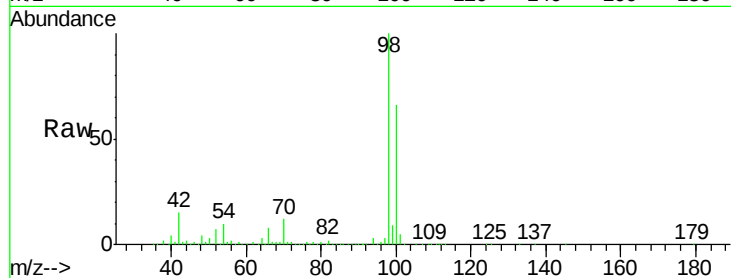
DW-02RE

Tot Ion: 98 Resp: 269331

Ion Ratio Lower Upper

98 100

100 65.6 52.4 78.6



#51

4-Methyl-2-Pentanone

Concen: 9.925 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW012644.D

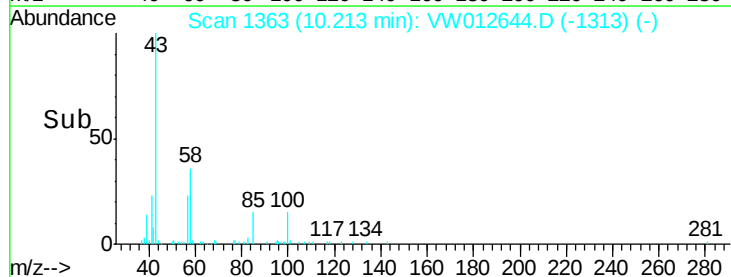
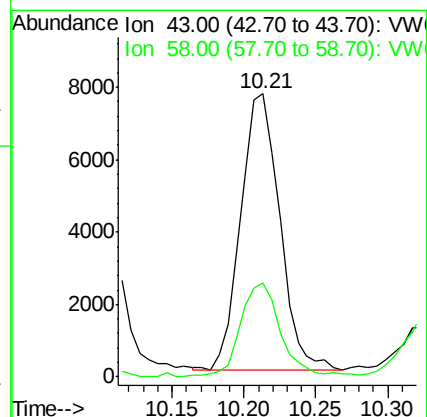
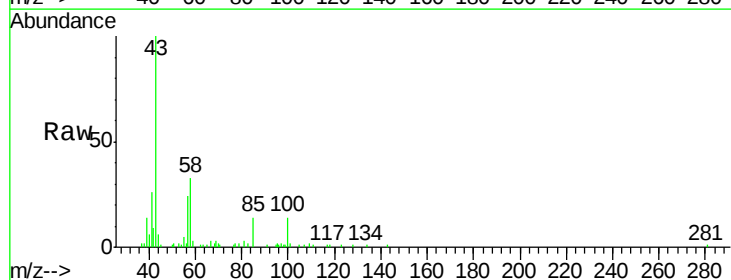
Acq: 05 Sep 2019 16:45

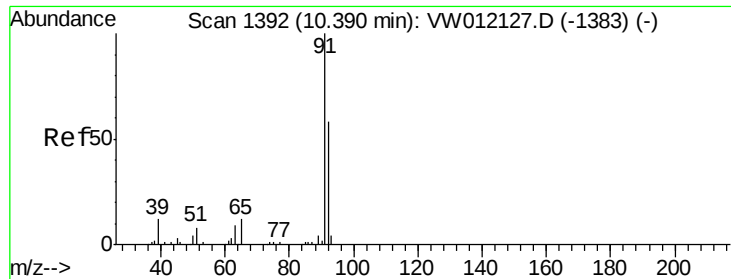
Tgt Ion: 43 Resp: 14414

Ion Ratio Lower Upper

43 100

58 34.5 28.2 42.2





#52

Toluene

Concen: 1.557 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012644.D

Acq: 05 Sep 2019 16:45

Instrument :

MSVOA_W

ClientSampleId :

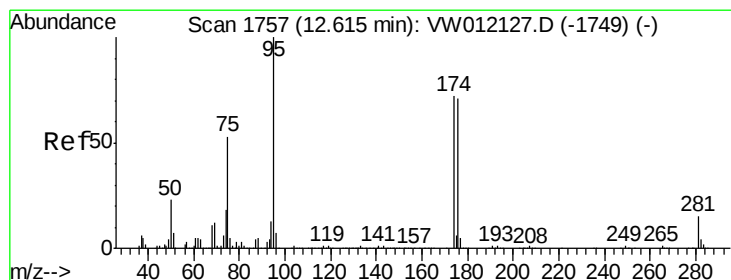
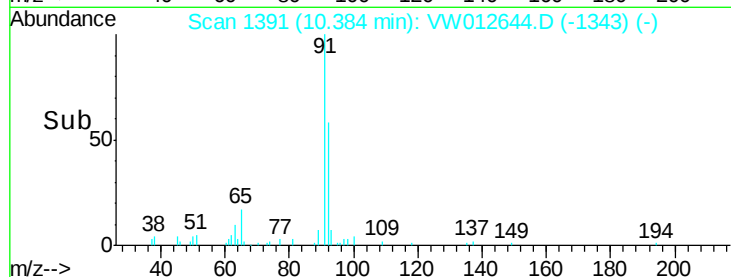
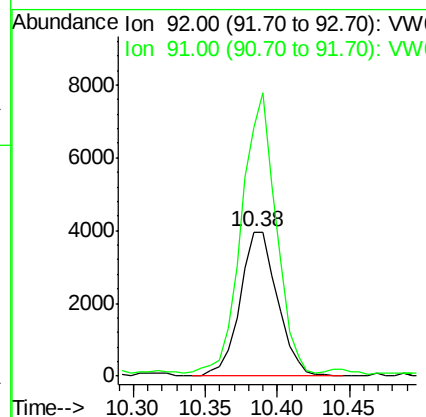
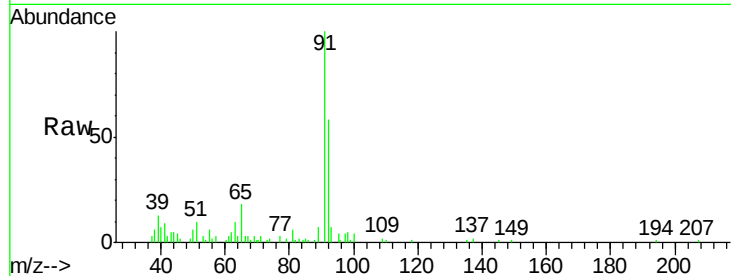
DW-02RE

Tot Ion: 92 Resp: 7186

Ion Ratio Lower Upper

92 100

91 176.5 136.6 204.8



#62

4-Bromofluorobenzene

Concen: 22.196 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW012644.D

Acq: 05 Sep 2019 16:45

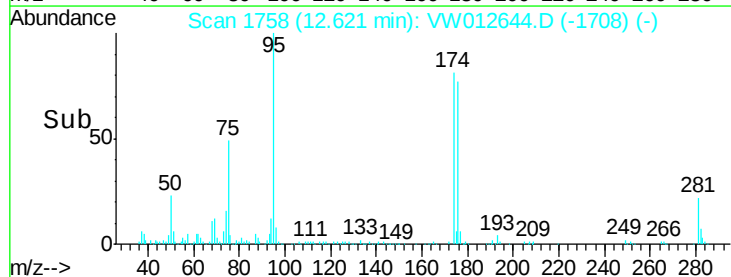
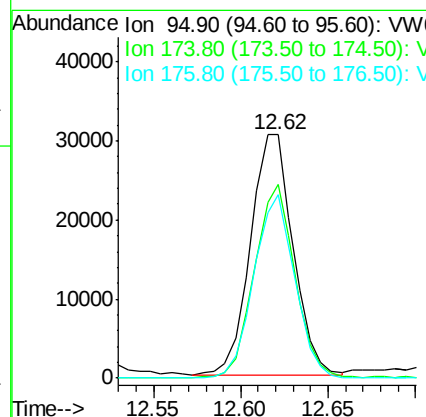
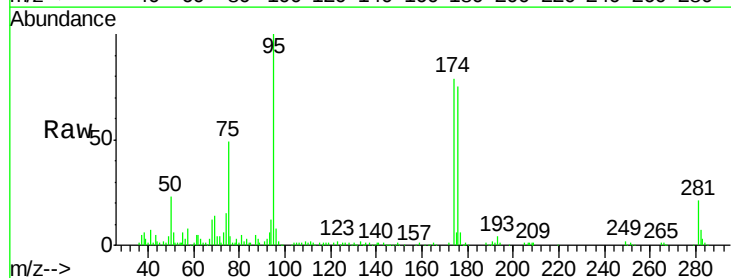
Tgt Ion: 95 Resp: 51548

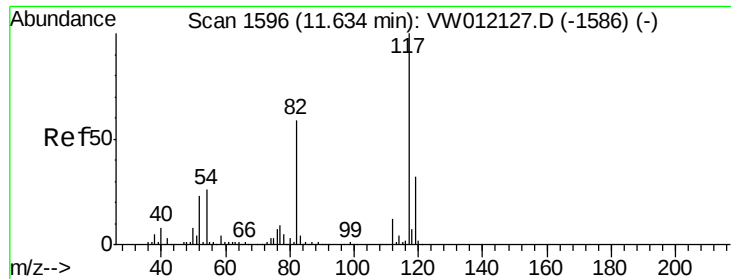
Ion Ratio Lower Upper

95 100

174 76.8 0.0 150.8

176 72.9 0.0 148.6

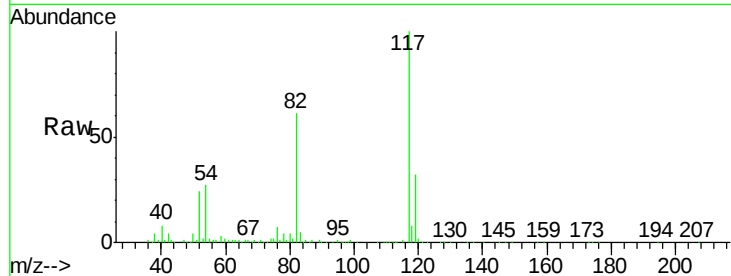




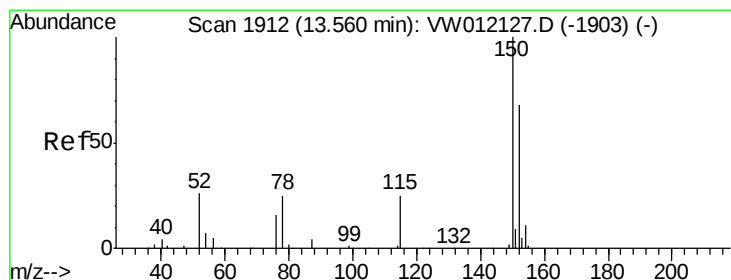
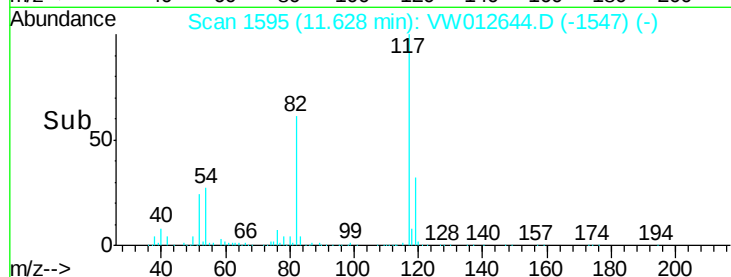
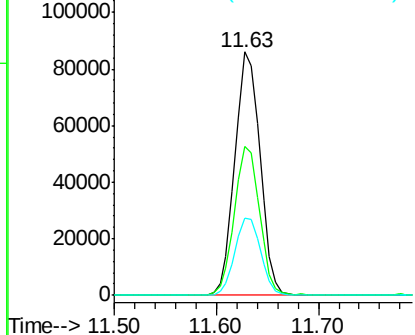
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012644.D
Acq: 05 Sep 2019 16:45

Instrument :
MSVOA_W
ClientSampleId :
DW-02RE

Tot Ion:117 Resp: 146466
Ion Ratio Lower Upper
117 100
82 61.1 47.4 71.2
119 31.8 25.4 38.2

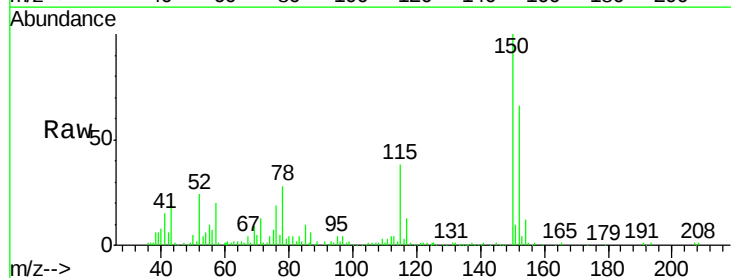


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

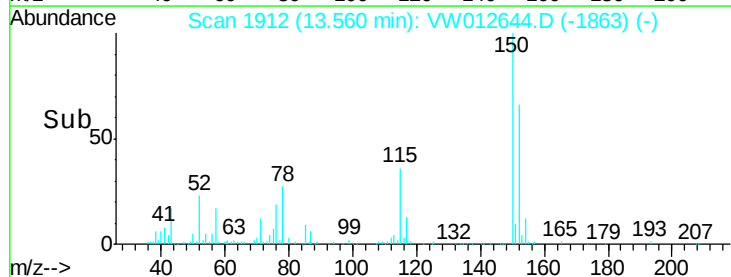
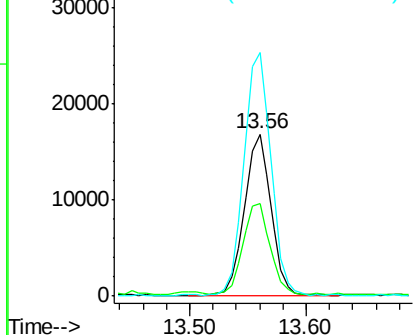


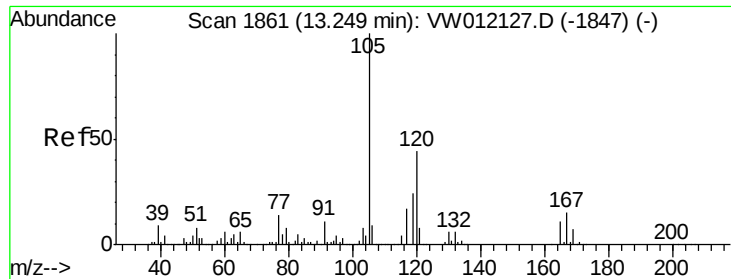
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012644.D
Acq: 05 Sep 2019 16:45

Tgt Ion:152 Resp: 27288
Ion Ratio Lower Upper
152 100
115 56.0 30.1 90.3
150 150.3 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

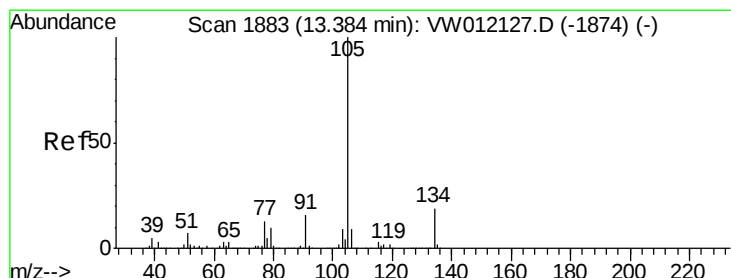
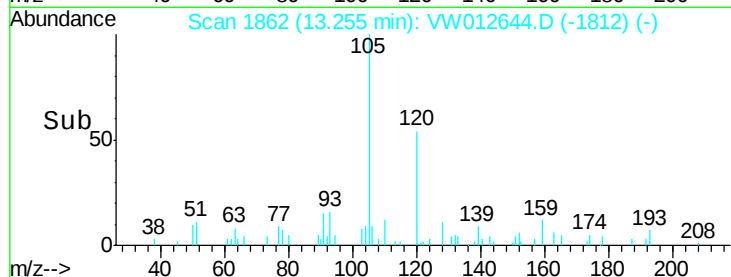
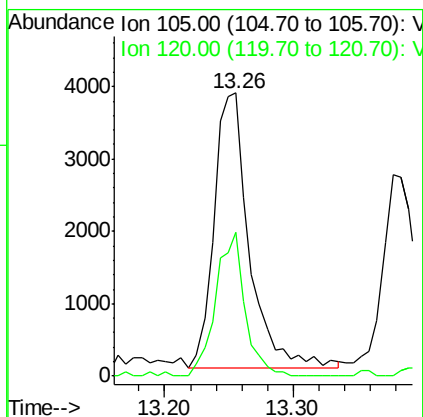
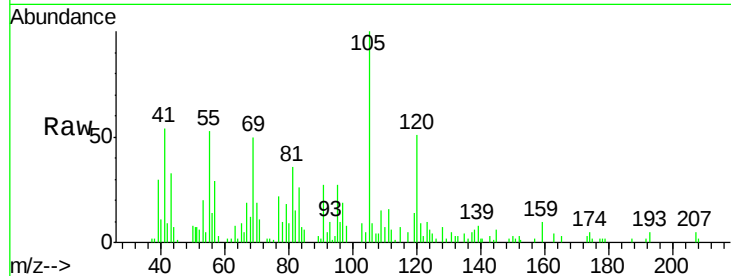




#84
1,2,4-Trimethylbenzene
Concen: 4.234 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VW012644.D
Acq: 05 Sep 2019 16:45

Instrument :
MSVOA_W
ClientSampleId :
DW-02RE

Tot Ion:105 Resp: 7266
Ion Ratio Lower Upper
105 100
120 43.5 21.9 65.7



#85
sec-Butylbenzene
Concen: 2.194 ug/l
RT: 13.38 min Scan# 1882
Delta R.T. -0.01 min
Lab File: VW012644.D
Acq: 05 Sep 2019 16:45

Tgt Ion:105 Resp: 4549
Ion Ratio Lower Upper
105 100
134 33.9 9.8 29.4#

