

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082719\
 Data File : VW012241.D
 Acq On : 28 Aug 2019 08:00
 Operator : SY/VA
 Sample : K4498-02
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SIDEWALL-2

Quant Time: Aug 28 08:31:03 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	253832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	411277	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	328017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	140207	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	149820	49.65	ug/l	0.00
Spiked Amount			Recovery	=	99.30%	
35) Dibromofluoromethane	7.88	113	120662	49.15	ug/l	0.00
Spiked Amount			Recovery	=	98.30%	
50) Toluene-d8	10.32	98	522996	52.54	ug/l	0.00
Spiked Amount			Recovery	=	105.08%	
62) 4-Bromofluorobenzene	12.61	95	169163	48.21	ug/l	0.00
Spiked Amount			Recovery	=	96.42%	

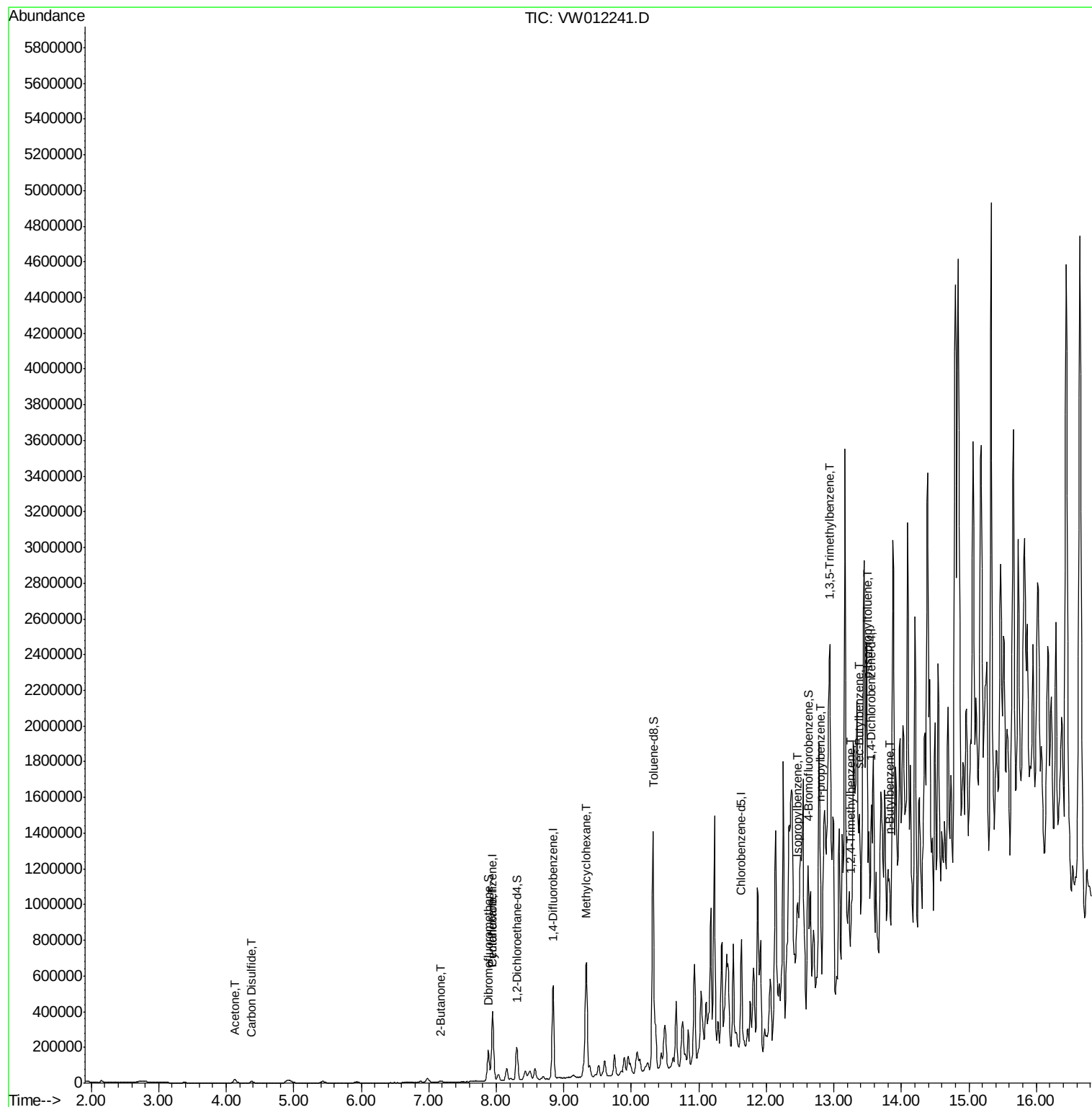
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	39131	50.732	ug/l	95
17) Carbon Disulfide	4.38	76	18149	2.359	ug/l	98
25) 2-Butanone	7.18	43	12121	11.564	ug/l	95
31) Cyclohexane	7.95	56	34509	6.349	ug/l #	83
39) Methylcyclohexane	9.34	83	247602	51.858	ug/l	99
73) Isopropylbenzene	12.46	105	236287	22.491	ug/l	99
78) n-propylbenzene	12.80	91	414642	32.329	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	22524	2.566	ug/l	95
84) 1,2,4-Trimethylbenzene	13.25	105	46985	5.328	ug/l	97
85) sec-Butylbenzene	13.38	105	246936	23.178	ug/l	80
86) p-Isopropyltoluene	13.50	119	61057	6.417	ug/l	96
89) n-Butylbenzene	13.82	91	186583m	19.720	ug/l	

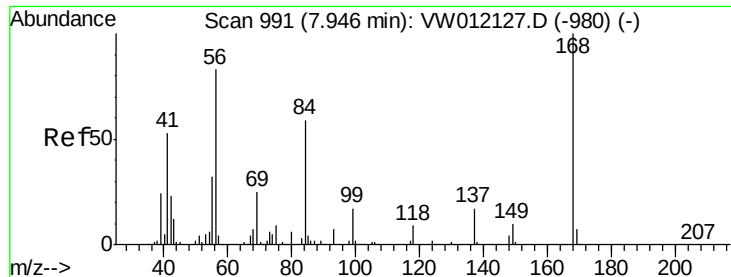
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082719\
Data File : VW012241.D
Acq On : 28 Aug 2019 08:00
Operator : SY/VA
Sample : K4498-02
Misc : 5.10G/5ML/MSVOA W/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SIDEWALL-2

Quant Time: Aug 28 08:31:03 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012241.D

Acq: 28 Aug 2019 08:00

Instrument :

MSVOA_W

ClientSampleId :

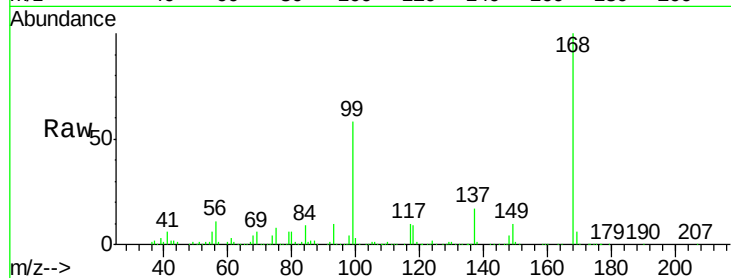
SIDEWALL-2

Tot Ion:168 Resp: 253832

Ion Ratio Lower Upper

168 100

99 57.5 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

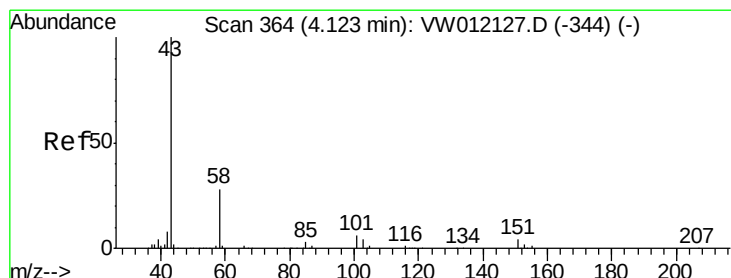
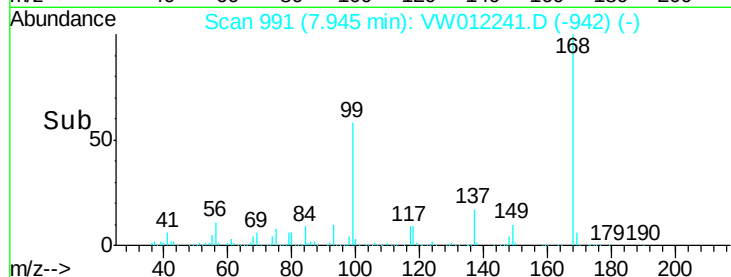
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 50.732 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012241.D

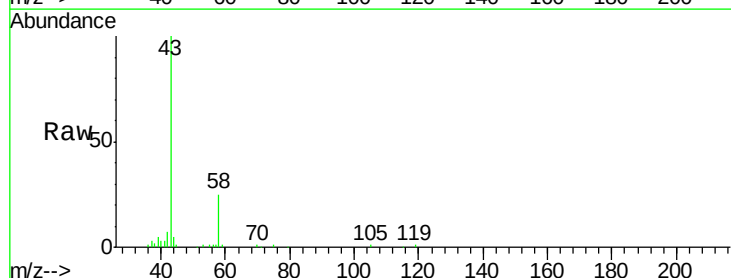
Acq: 28 Aug 2019 08:00

Tgt Ion: 43 Resp: 39131

Ion Ratio Lower Upper

43 100

58 25.3 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

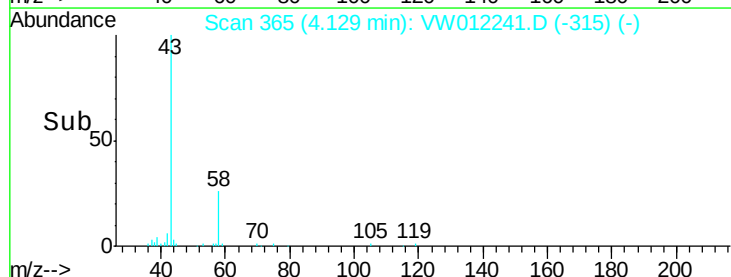
15000

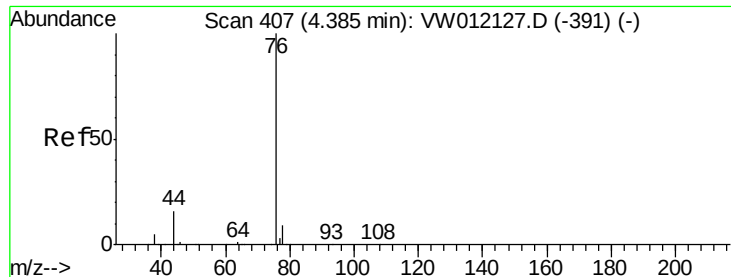
10000

5000

0

Time--> 4.00 4.10 4.20





#17

Carbon Disulfide

Concen: 2.359 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW012241.D

Acq: 28 Aug 2019 08:00

Instrument :

MSVOA_W

ClientSampled :

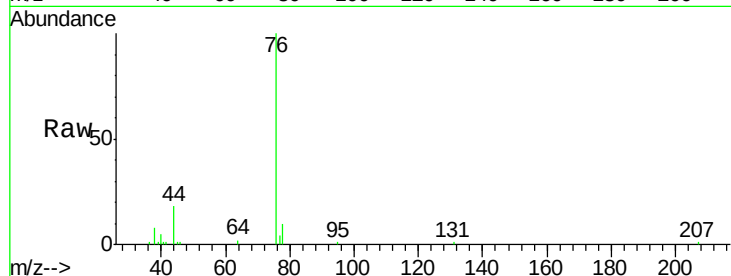
SIDEWALL-2

Tot Ion: 76 Resp: 18149

Ion Ratio Lower Upper

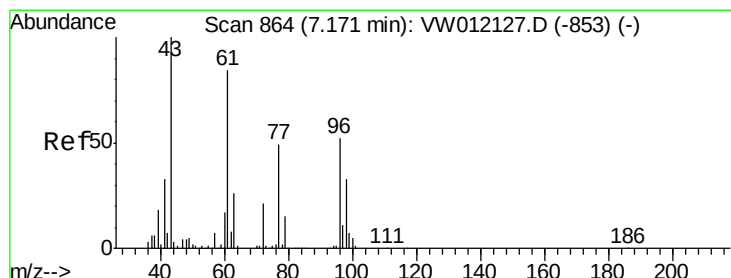
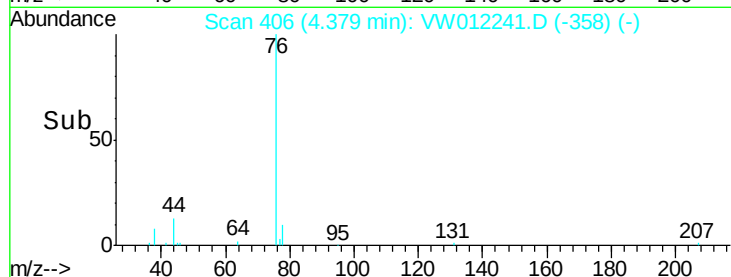
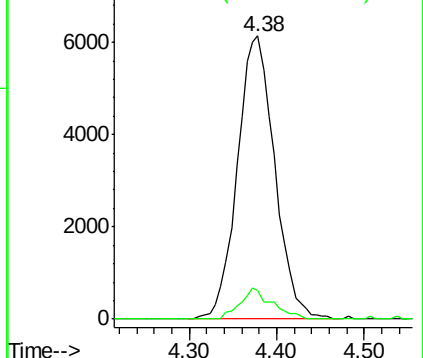
76 100

78 9.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#25

2-Butanone

Concen: 11.564 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW012241.D

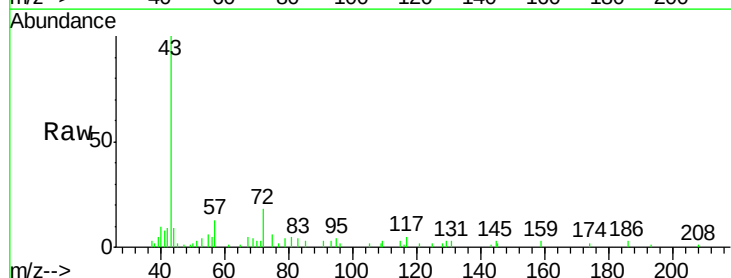
Acq: 28 Aug 2019 08:00

Tgt Ion: 43 Resp: 12121

Ion Ratio Lower Upper

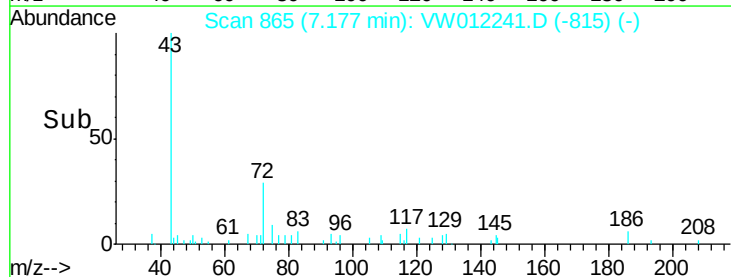
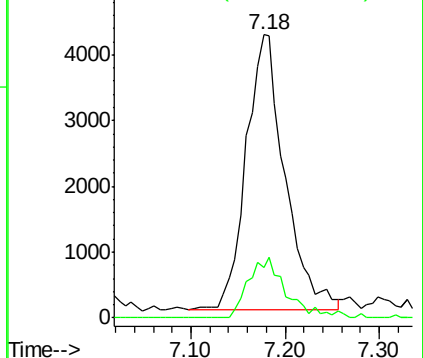
43 100

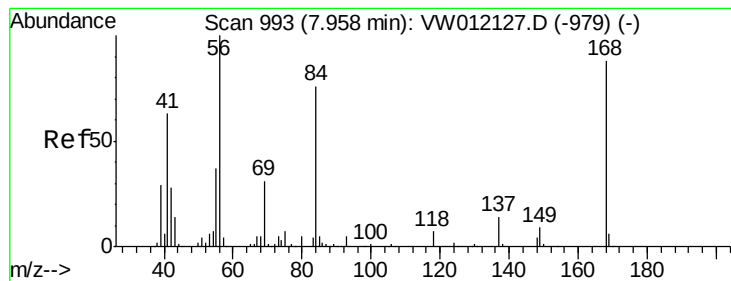
72 18.5 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#31

Cyclohexane

Concen: 6.349 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

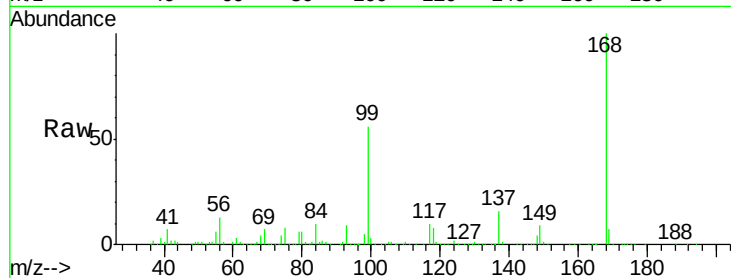
Lab File: VW012241.D

Acq: 28 Aug 2019 08:00

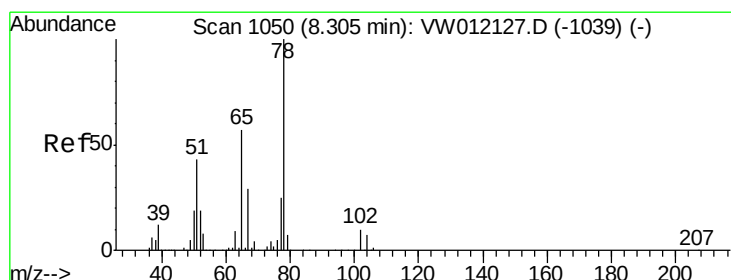
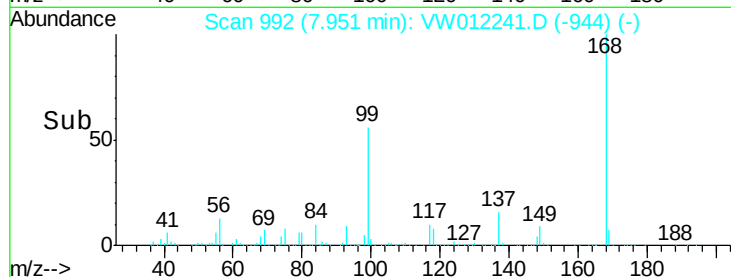
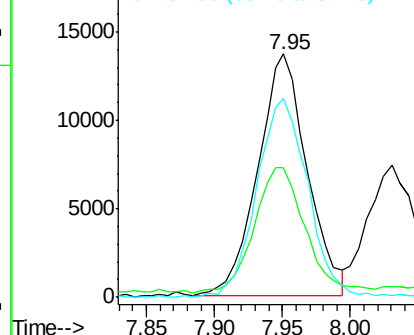
Instrument :
MSVOA_W
ClientSampled :
SIDEWALL-2

Tot Ion: 56 Resp: 34509

Ion	Ratio	Lower	Upper
56	100		
69	51.6	24.9	37.3#
84	82.5	60.6	90.8



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 49.651 ug/l

RT: 8.30 min Scan# 1050

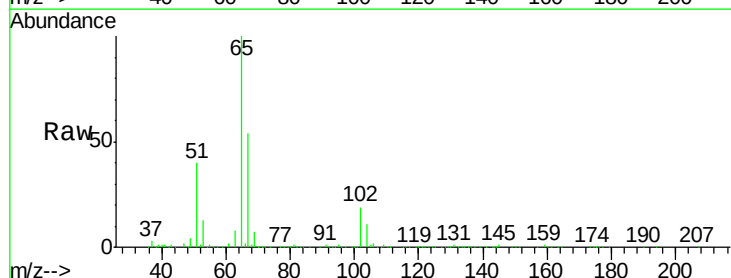
Delta R.T. -0.00 min

Lab File: VW012241.D

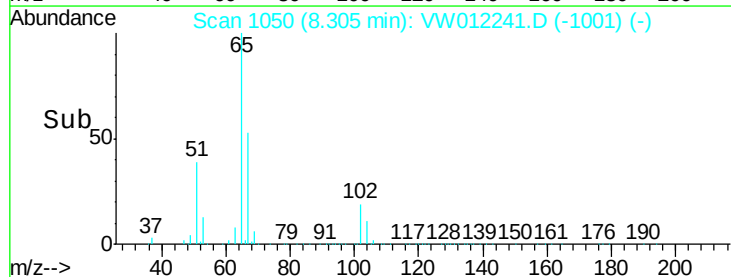
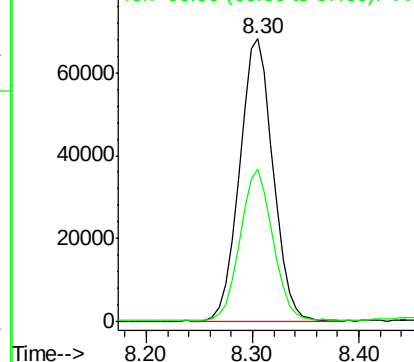
Acq: 28 Aug 2019 08:00

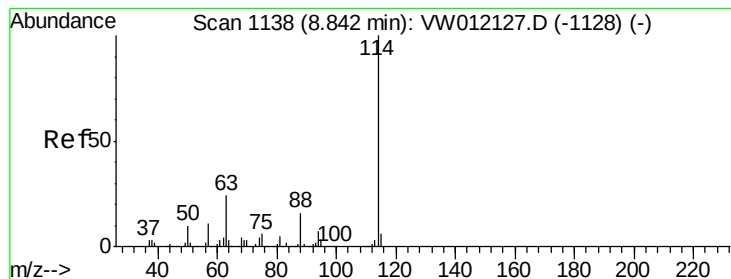
Tgt Ion: 65 Resp: 149820

Ion	Ratio	Lower	Upper
65	100		
67	52.0	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: VW012241.D

Acq: 28 Aug 2019 08:00

Instrument :

MSVOA_W

ClientSampleId :

SIDEWALL-2

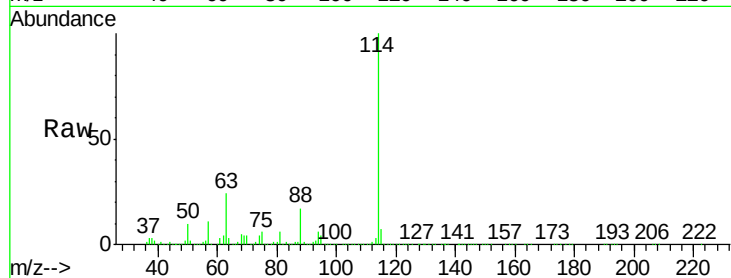
Tot Ion:114 Resp: 411277

Ion Ratio Lower Upper

114 100

63 24.0 0.0 48.6

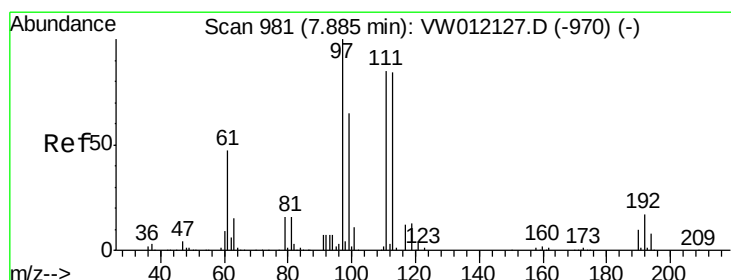
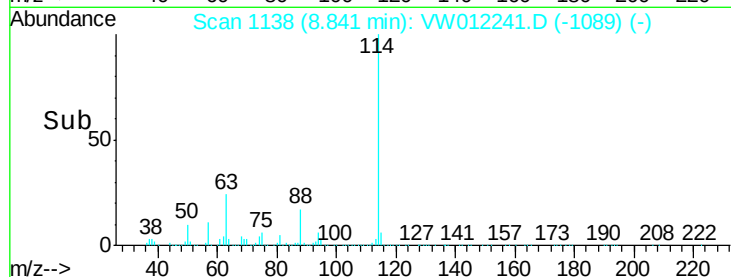
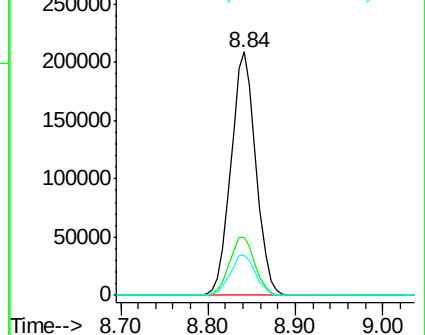
88 16.5 0.0 32.2



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: 49.151 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012241.D

Acq: 28 Aug 2019 08:00

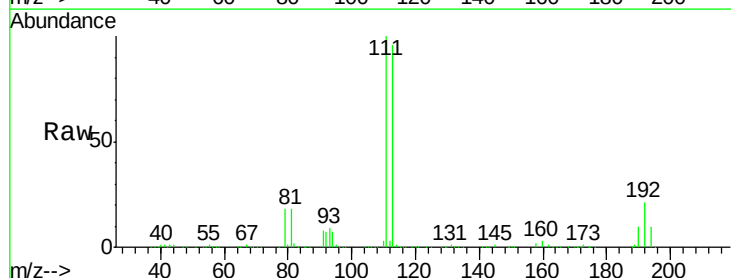
Tgt Ion:113 Resp: 120662

Ion Ratio Lower Upper

113 100

111 104.1 82.7 124.1

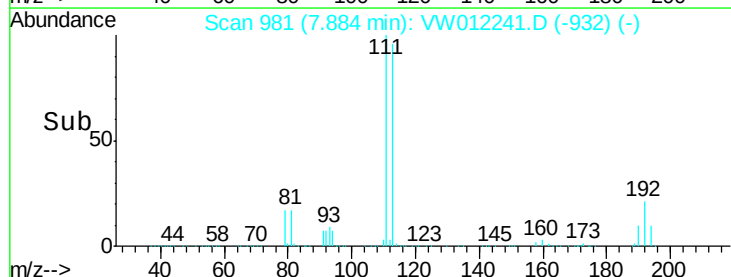
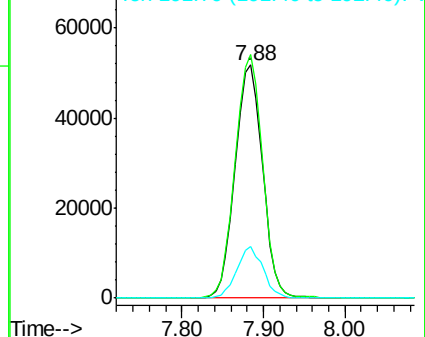
192 21.0 16.2 24.2

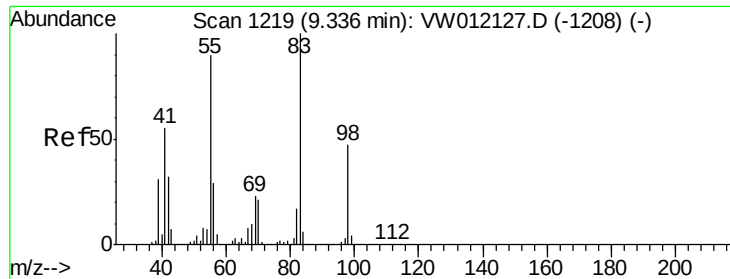


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

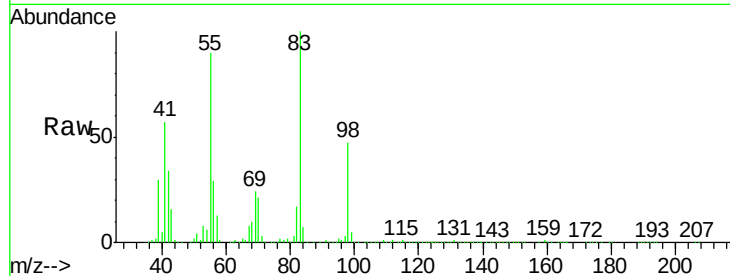




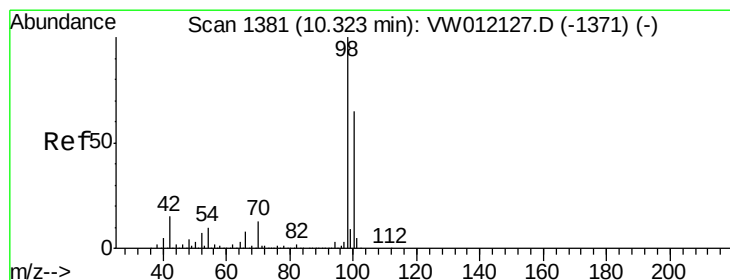
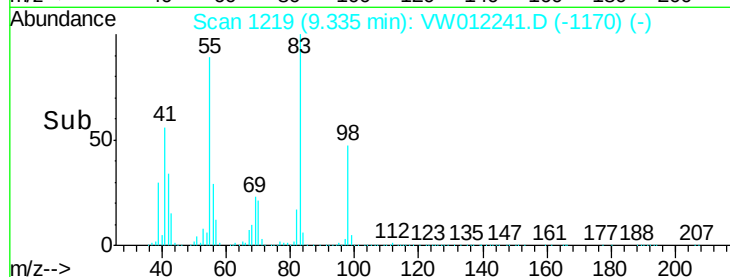
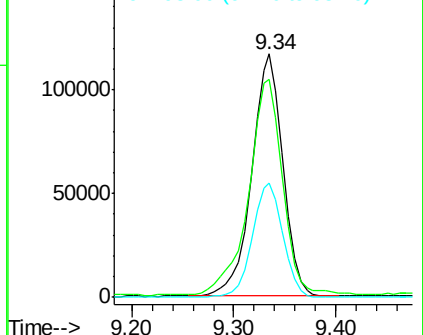
#39
Methylcyclohexane
Concen: 51.858 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012241.D
Acq: 28 Aug 2019 08:00

Instrument :
MSVOA_W
ClientSampled :
SIDEWALL-2

Tot Ion: 83 Resp: 247602
Ion Ratio Lower Upper
83 100
55 88.6 71.8 107.8
98 47.2 37.8 56.8

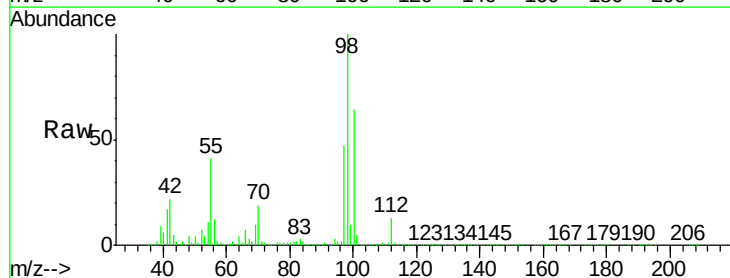


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

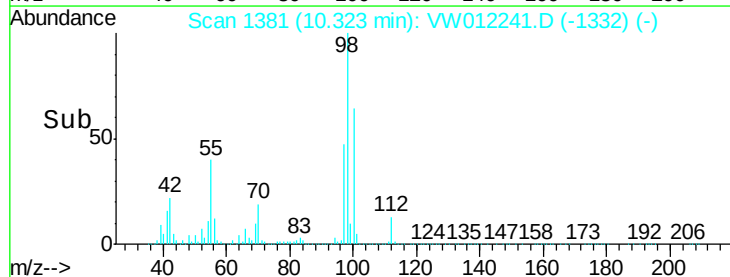
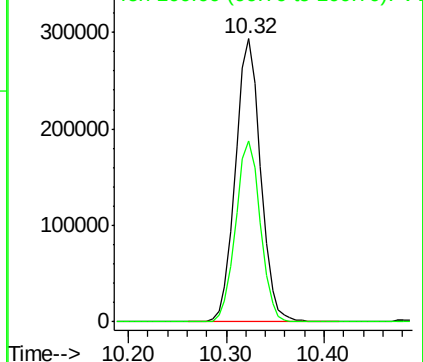


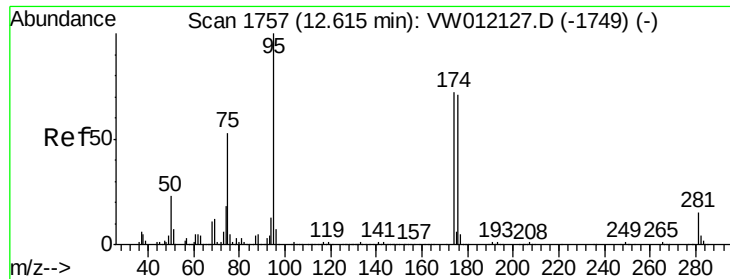
#50
Toluene-d8
Concen: 52.541 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012241.D
Acq: 28 Aug 2019 08:00

Tgt Ion: 98 Resp: 522996
Ion Ratio Lower Upper
98 100
100 62.7 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

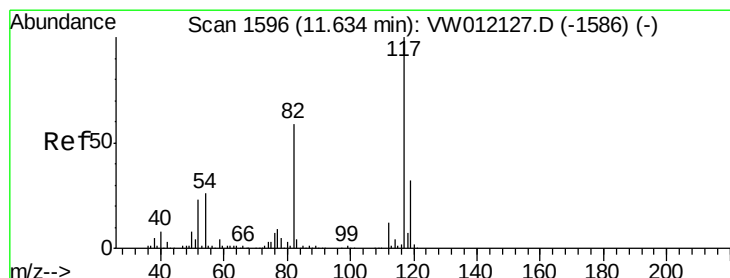
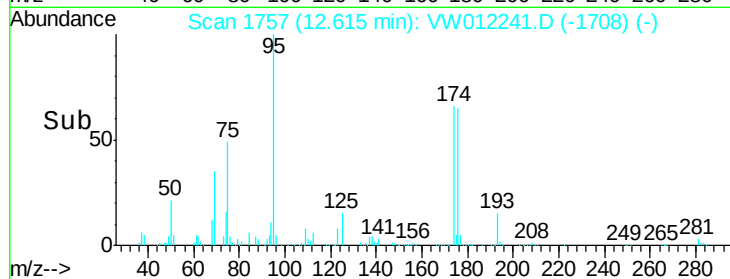
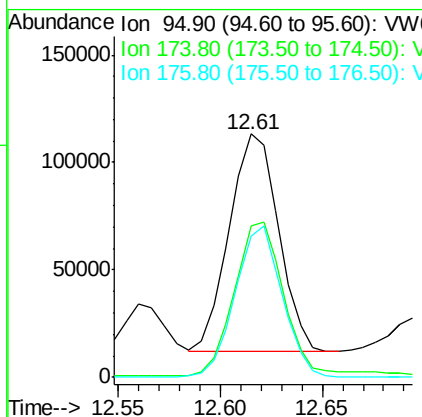
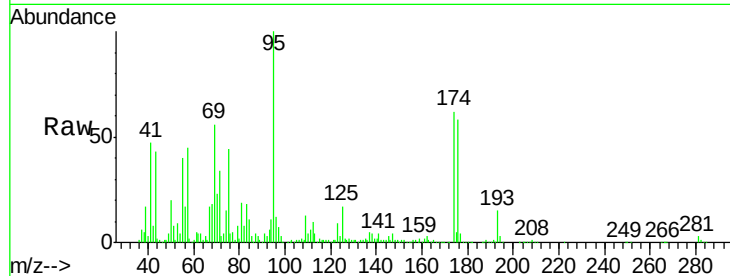




#62
4-Bromofluorobenzene
Concen: 48.211 ug/l
RT: 12.61 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012241.D
Acq: 28 Aug 2019 08:00

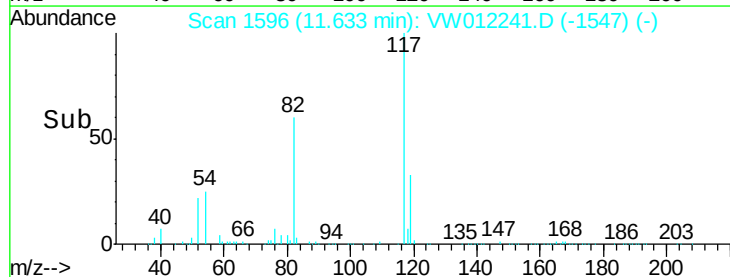
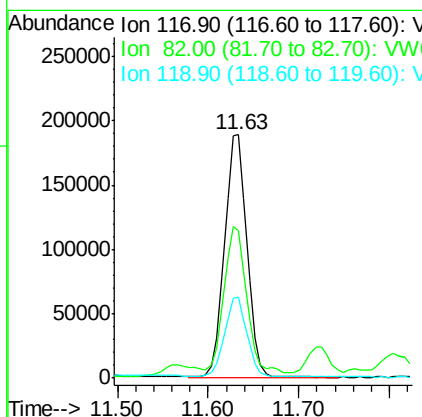
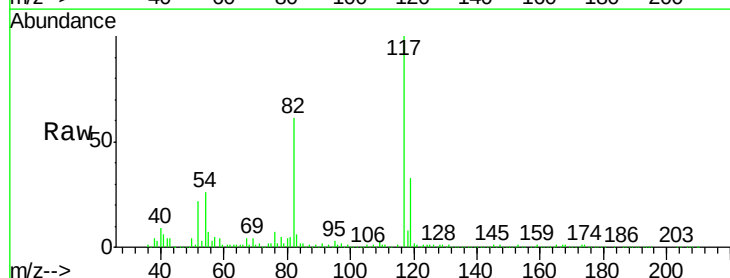
Instrument :
MSVOA_W
ClientSampleId :
SIDEWALL-2

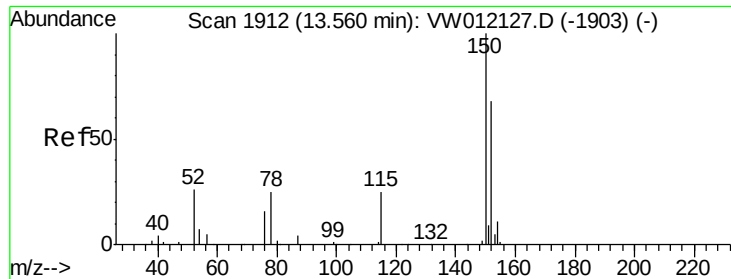
Tot Ion	95	Resp	169163
Ion Ratio	Lower	Upper	
95	100		
174	72.8	0.0	150.8
176	66.7	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012241.D
Acq: 28 Aug 2019 08:00

Tgt Ion	117	Resp	328017
Ion Ratio	Lower	Upper	
117	100		
82	57.3	47.4	71.2
119	32.9	25.4	38.2



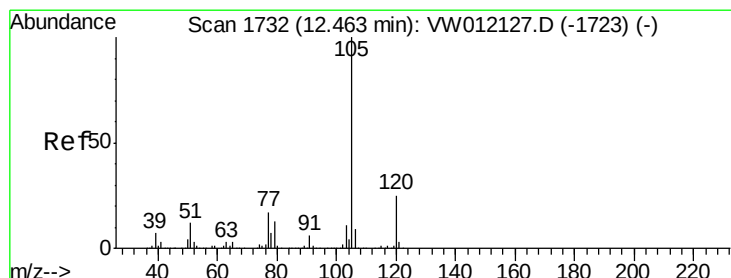
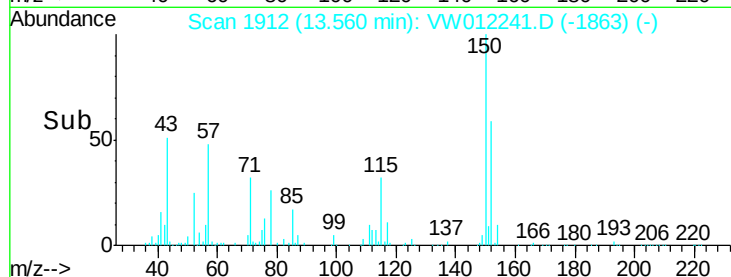
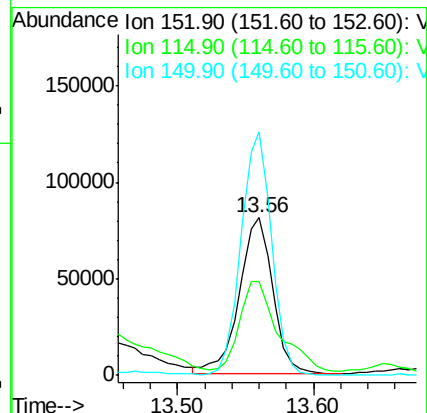
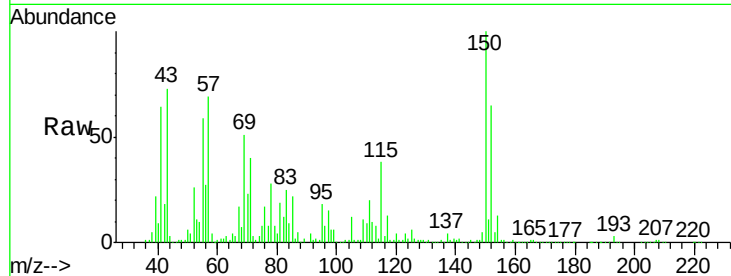


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012241.D
Acq: 28 Aug 2019 08:00

Instrument :
MSVOA_W
ClientSampleId :
SIDEWALL-2

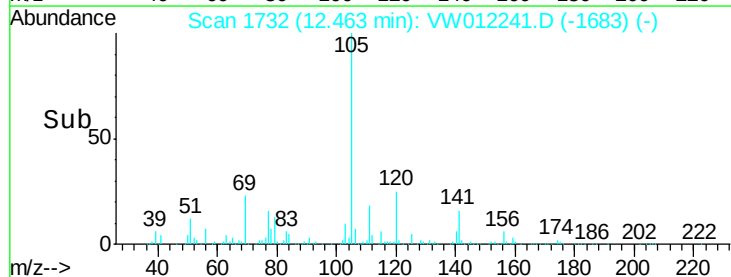
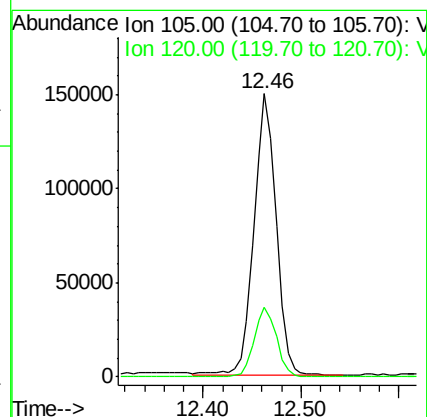
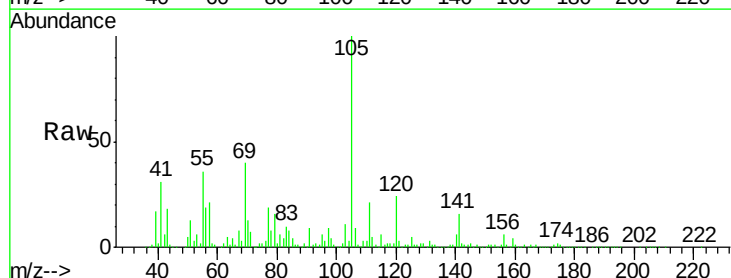
Tot Ion:152 Resp: 140207
Ion Ratio Lower Upper
152 100
115 65.7 30.1 90.3
150 139.5 0.0 345.8

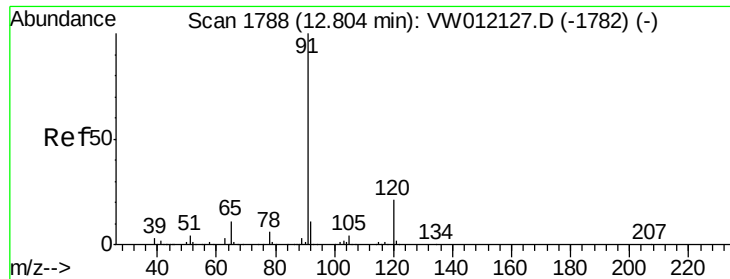


#73

Isopropylbenzene
Concen: 22.491 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW012241.D
Acq: 28 Aug 2019 08:00

Tgt Ion:105 Resp: 236287
Ion Ratio Lower Upper
105 100
120 24.3 12.5 37.5





#78

n-propylbenzene

Concen: 32.329 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012241.D

Acq: 28 Aug 2019 08:00

Instrument :

MSVOA_W

ClientSampled :

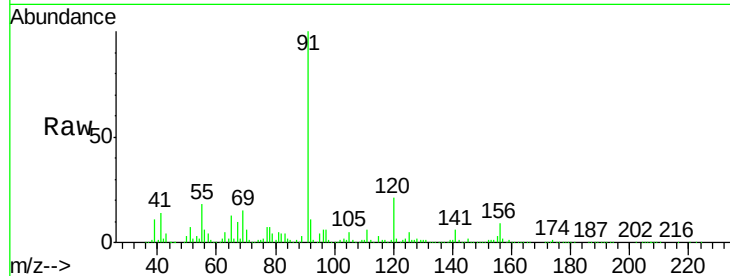
SIDEWALL-2

Tot Ion: 91 Resp: 414642

Ion Ratio Lower Upper

91 100

120 21.2 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

300000

250000

200000

150000

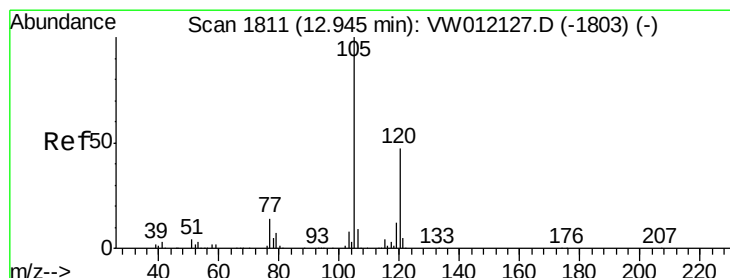
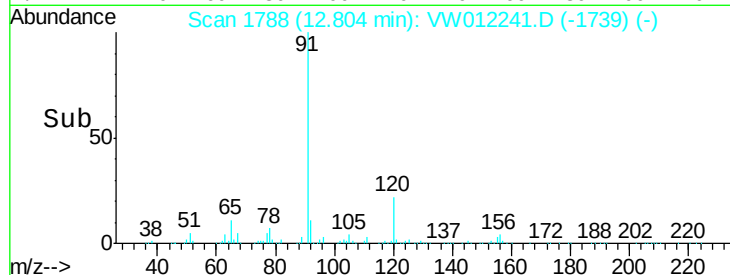
100000

50000

0

12.75 12.80 12.85

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 2.566 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012241.D

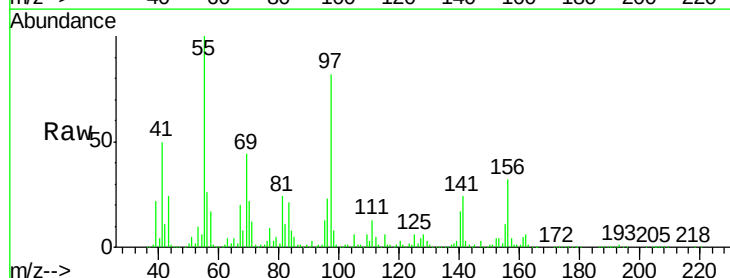
Acq: 28 Aug 2019 08:00

Tgt Ion:105 Resp: 22524

Ion Ratio Lower Upper

105 100

120 51.2 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

30000

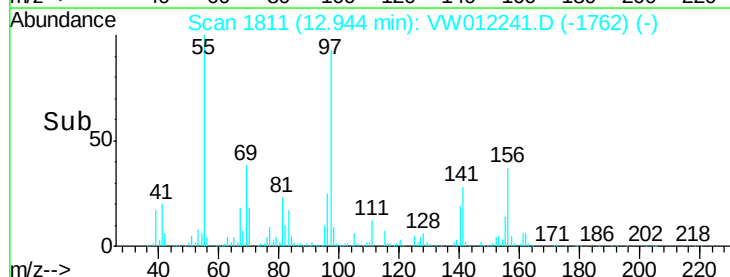
20000

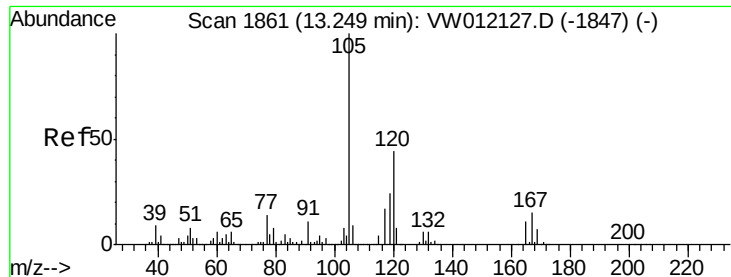
10000

0

12.90 12.94 13.00

Time-->

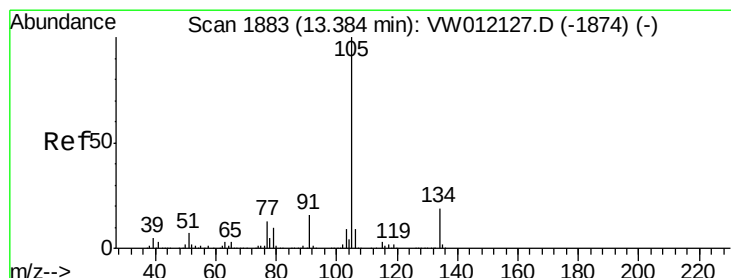
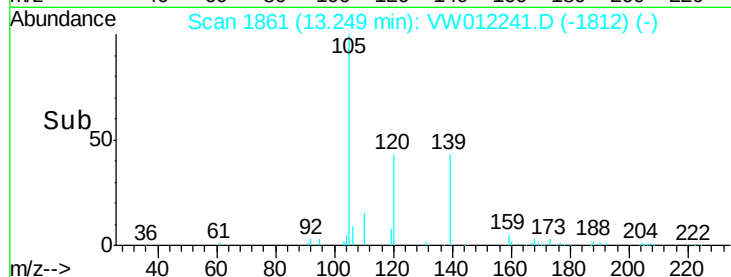
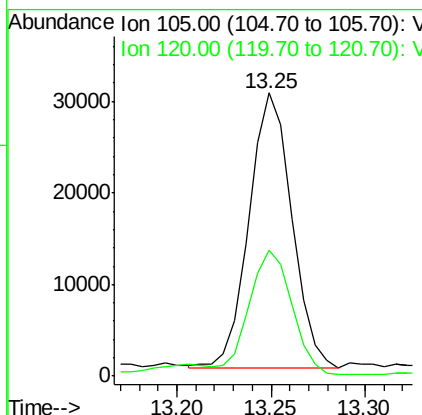
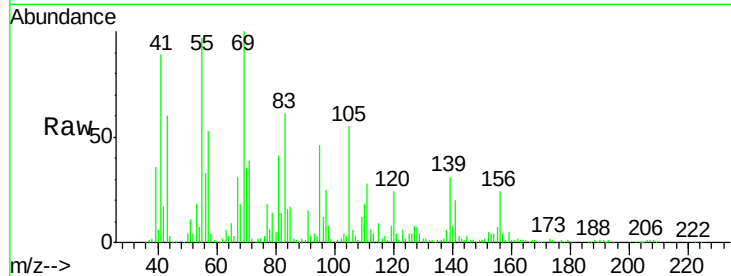




#84
 1,2,4-Trimethylbenzene
 Concen: 5.328 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012241.D
 Acq: 28 Aug 2019 08:00

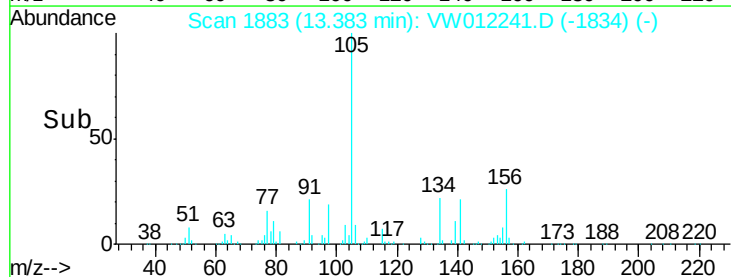
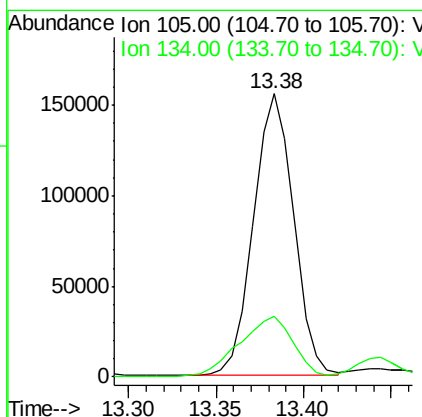
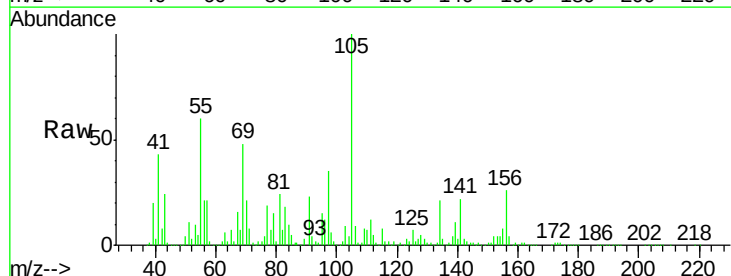
Instrument :
 MSVOA_W
 ClientSampled :
 SIDEWALL-2

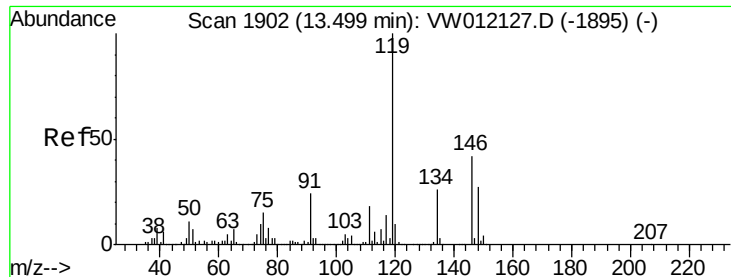
Tot Ion:105 Resp: 46985
 Ion Ratio Lower Upper
 105 100
 120 45.9 21.9 65.7



#85
 sec-Butylbenzene
 Concen: 23.178 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012241.D
 Acq: 28 Aug 2019 08:00

Tgt Ion:105 Resp: 246936
 Ion Ratio Lower Upper
 105 100
 134 28.7 9.8 29.4

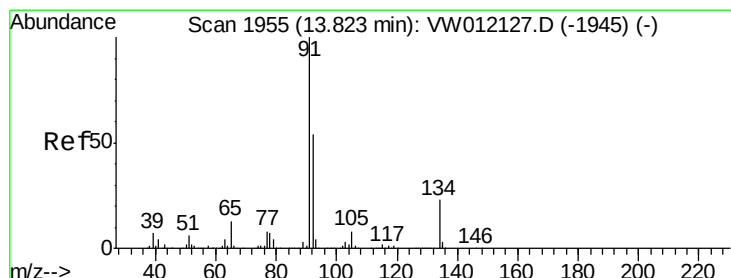
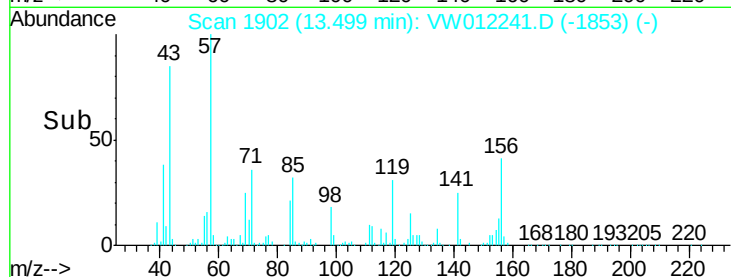
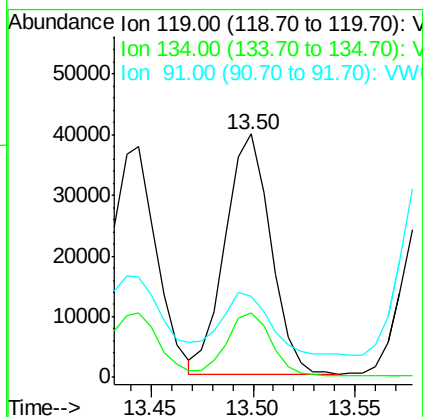
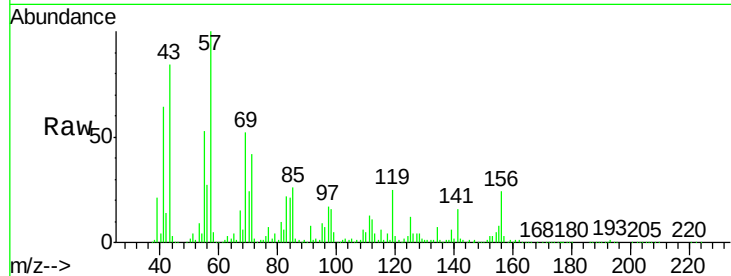




#86
p-Isopropyltoluene
Concen: 6.417 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW012241.D
Acq: 28 Aug 2019 08:00

Instrument :
MSVOA_W
ClientSampleId :
SIDEWALL-2

Tot Ion:119 Resp: 61057
Ion Ratio Lower Upper
119 100
134 25.9 12.8 38.3
91 28.0 12.3 36.9



#89
n-Butylbenzene
Concen: 19.720 ug/l m
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012241.D
Acq: 28 Aug 2019 08:00

Tgt Ion: 91 Resp: 186583
Ion Ratio Lower Upper
91 100
92 53.7 27.1 81.2
134 0.0 12.2 36.4#

