

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005272.D
 Acq On : 11 Sep 2018 13:45
 Operator : SY/AP
 Sample : J4693-13
 Misc : 4.89G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-C(20-25)

Quant Time: Sep 11 14:28:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	554038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	806053	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	861520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	477058	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	176944	42.82	ug/l	0.00
Spiked Amount			Recovery	=	85.64%	
35) Dibromofluoromethane	7.89	113	167819	39.75	ug/l	0.00
Spiked Amount			Recovery	=	79.50%	
50) Toluene-d8	10.33	98	879619	41.23	ug/l	0.00
Spiked Amount			Recovery	=	82.46%	
62) 4-Bromofluorobenzene	12.62	95	471199	60.38	ug/l	0.00
Spiked Amount			Recovery	=	120.76%	

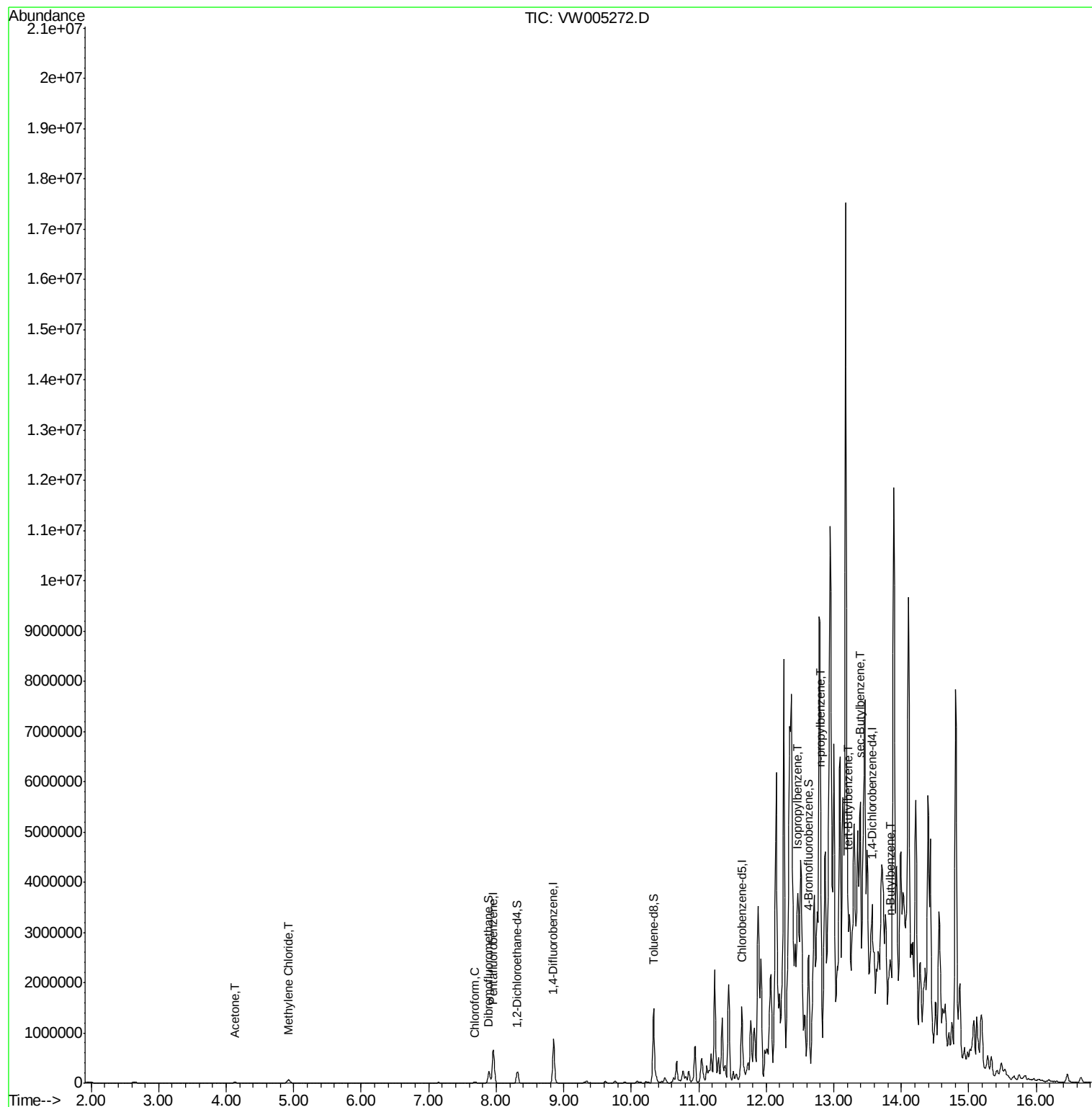
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	33437	43.59	ug/l	94
20) Methylene Chloride	4.92	84	57024	7.18	ug/l	95
30) Chloroform	7.68	83	20528	2.46	ug/l	95
73) Isopropylbenzene	12.47	105	722854	21.45	ug/l	100
78) n-propylbenzene	12.81	91	1392631	34.40	ug/l	98
83) tert-Butylbenzene	13.21	119	110462	4.40	ug/l	79
85) sec-Butylbenzene	13.39	105	1080324	29.95	ug/l #	76
89) n-Butylbenzene	13.83	91	321044	10.69	ug/l #	87

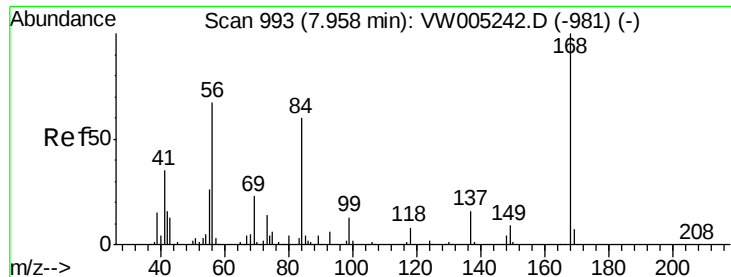
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 11 03:48:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005272.D

Acq: 11 Sep 2018 13:45

Instrument :

MSVOA_W

ClientSampleId :

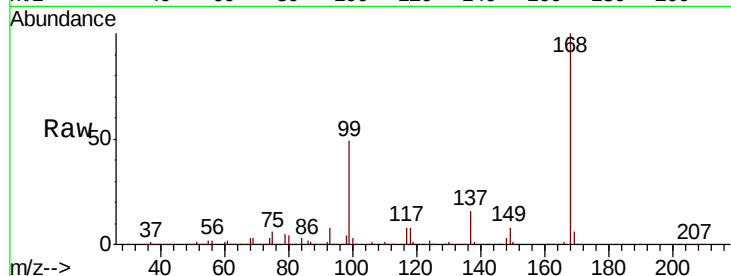
EP1-MW-C(20-25)

Tot Ion:168 Resp: 554038

Ion Ratio Lower Upper

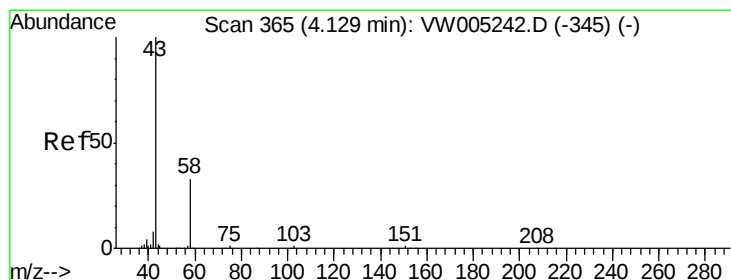
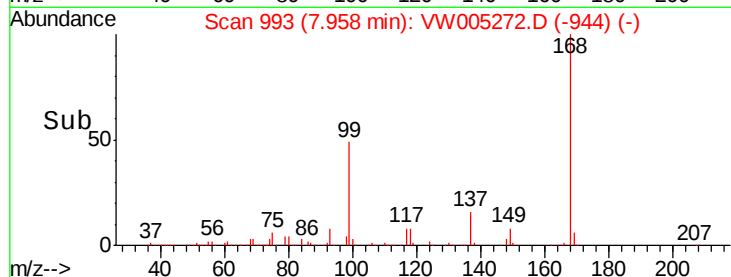
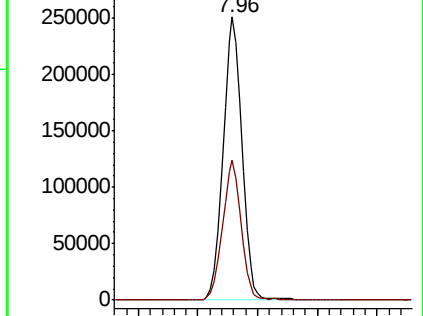
168 100

99 49.4 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 43.59 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW005272.D

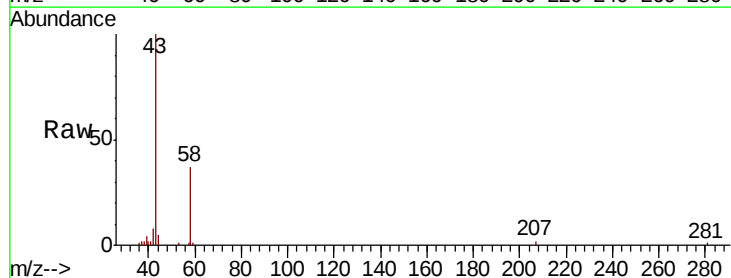
Acq: 11 Sep 2018 13:45

Tgt Ion: 43 Resp: 33437

Ion Ratio Lower Upper

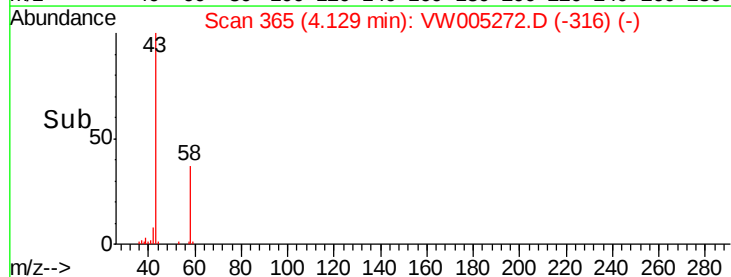
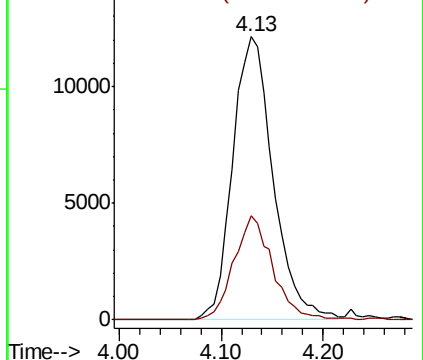
43 100

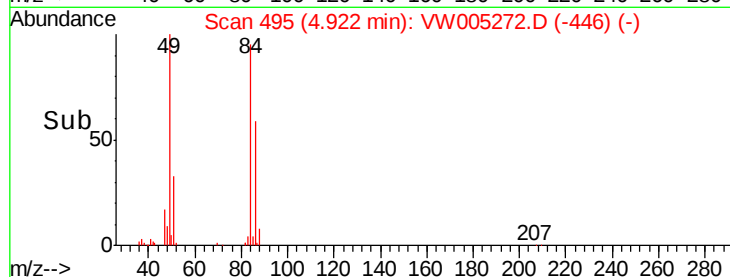
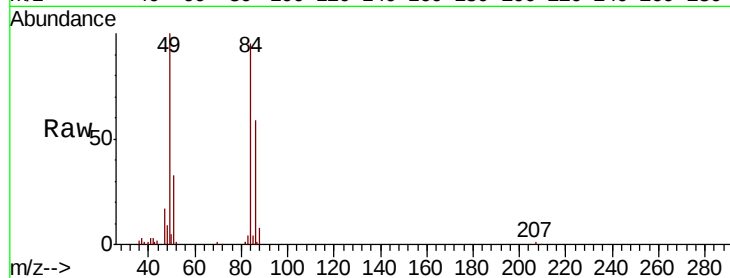
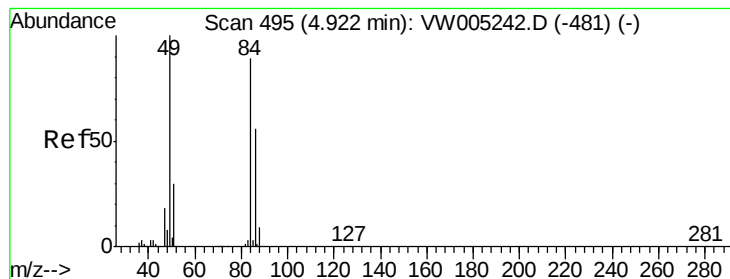
58 36.8 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 7.18 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW005272.D

Acq: 11 Sep 2018 13:45

Instrument :

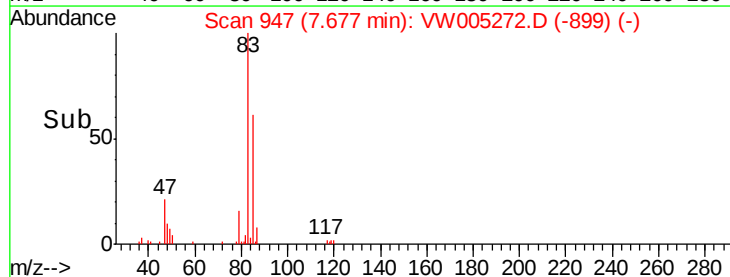
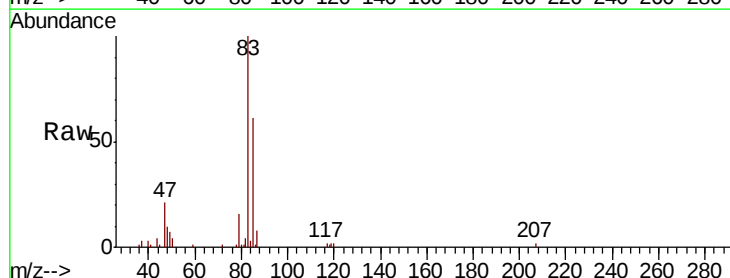
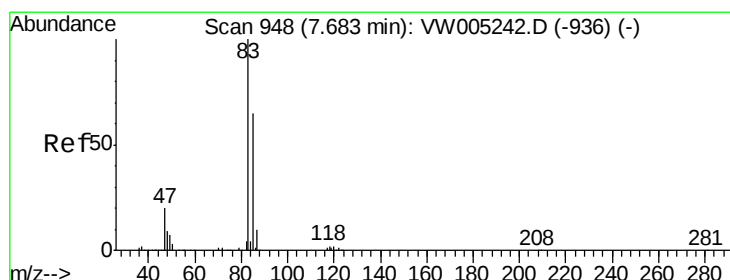
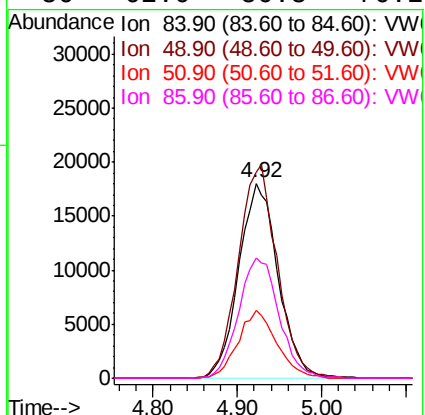
MSVOA_W

ClientSampleId :

EP1-MW-C(20-25)

Tot Ion: 84 Resp: 57024

Ion	Ratio	Lower	Upper
84	100		
49	105.5	90.3	135.5
51	34.7	26.9	40.3
86	62.0	50.8	76.2



#30

Chloroform

Concen: 2.46 ug/l

RT: 7.68 min Scan# 947

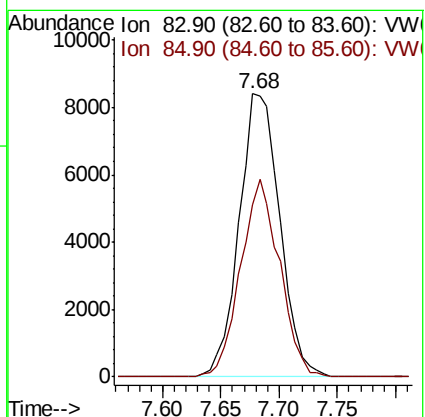
Delta R.T. -0.01 min

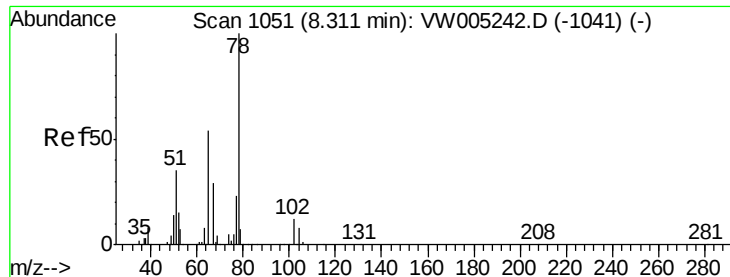
Lab File: VW005272.D

Acq: 11 Sep 2018 13:45

Tgt Ion: 83 Resp: 20528

Ion	Ratio	Lower	Upper
83	100		
85	60.8	51.7	77.5

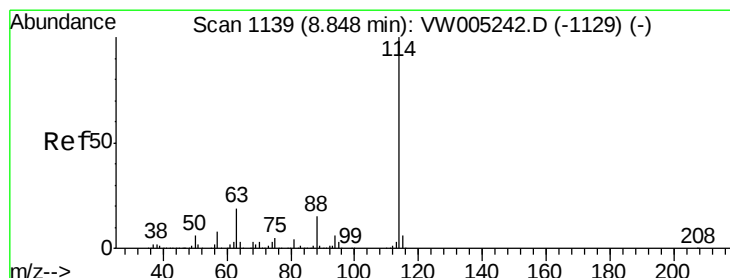
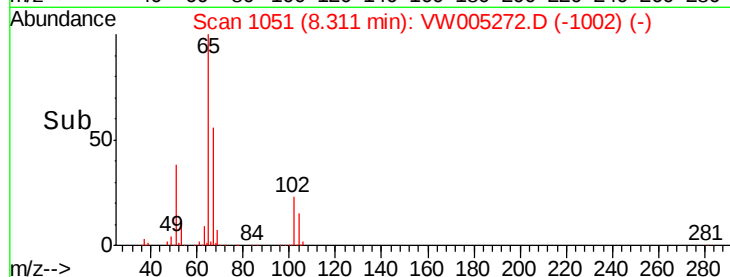
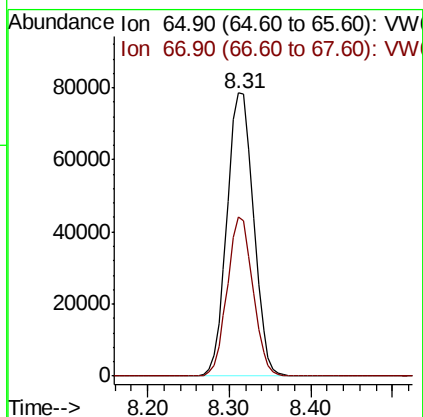
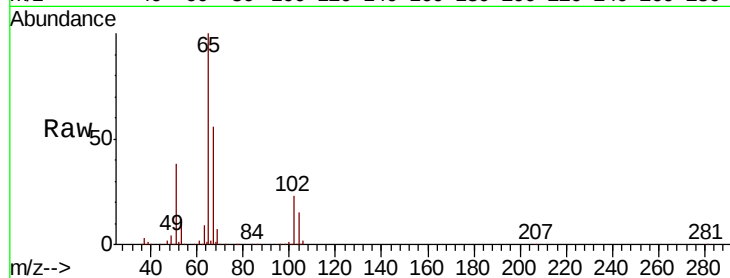




#33
 1,2-Dichloroethane-d4
 Concen: 42.82 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005272.D
 Acq: 11 Sep 2018 13:45

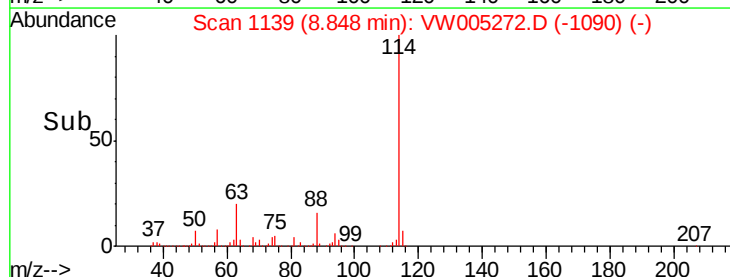
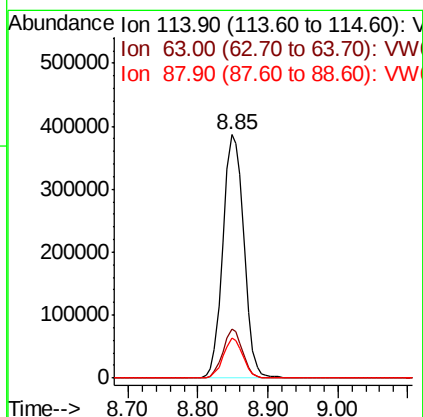
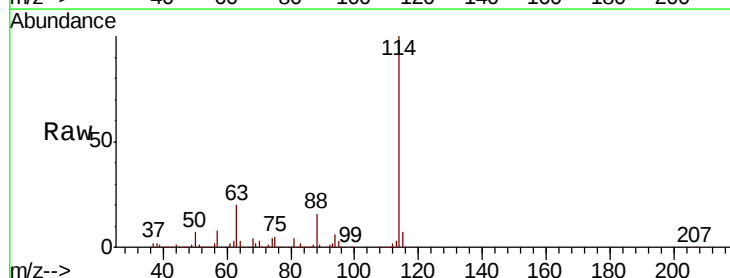
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-C(20-25)

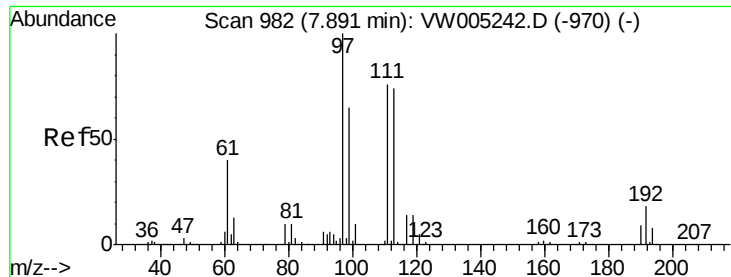
Tot Ion: 65 Resp: 176944
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 112.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005272.D
 Acq: 11 Sep 2018 13:45

Tgt Ion: 114 Resp: 806053
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 37.0
 88 16.4 0.0 30.4

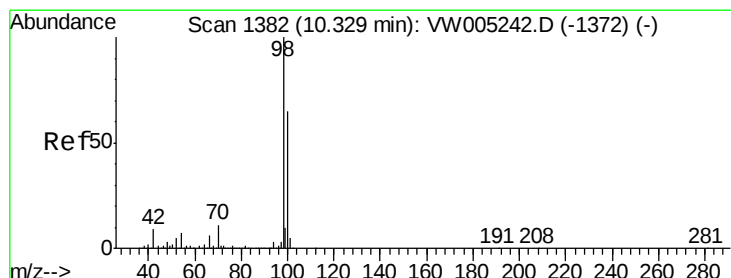
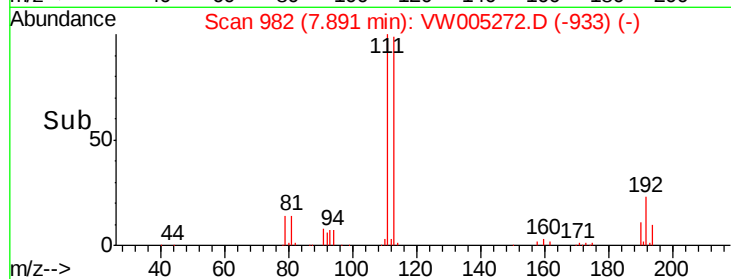
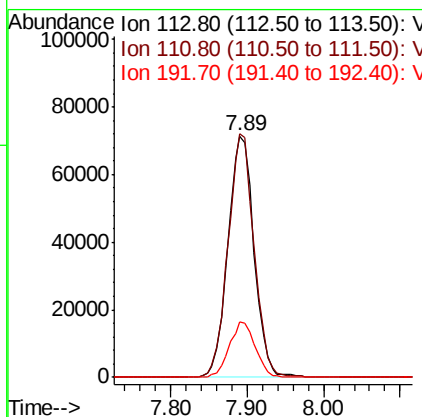
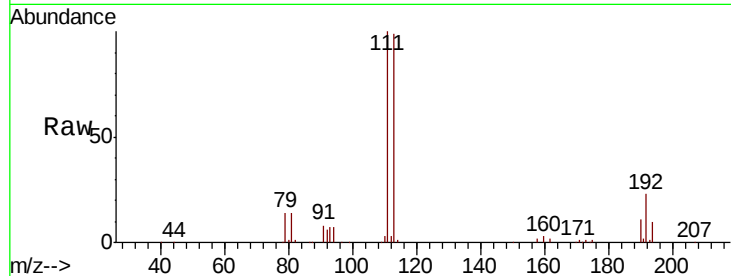




#35
 Dibromofluoromethane
 Concen: 39.75 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005272.D
 Acq: 11 Sep 2018 13:45

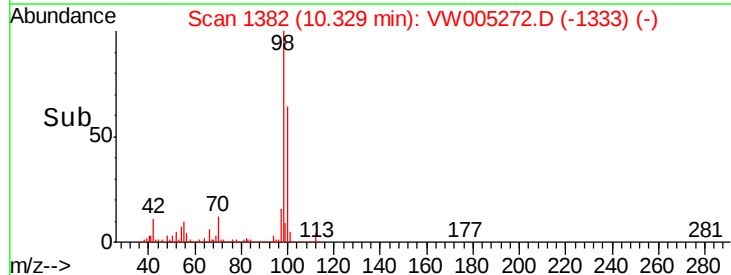
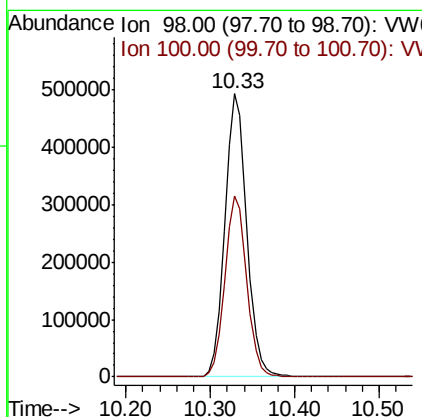
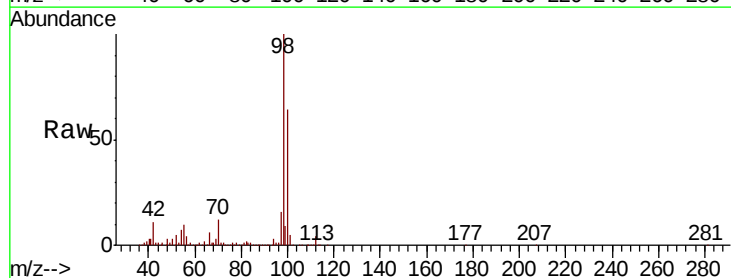
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-C(20-25)

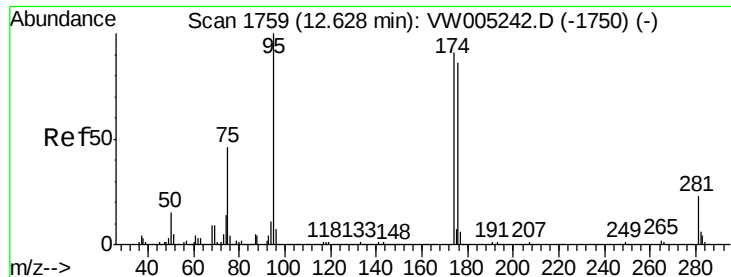
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.4	80.6	121.0
192	22.7	18.3	27.5



#50
 Toluene-d8
 Concen: 41.23 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW005272.D
 Acq: 11 Sep 2018 13:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.0	78.0

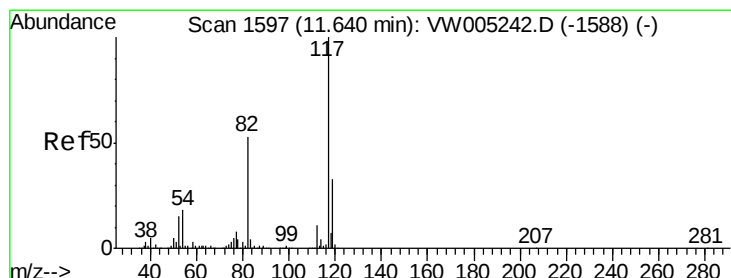
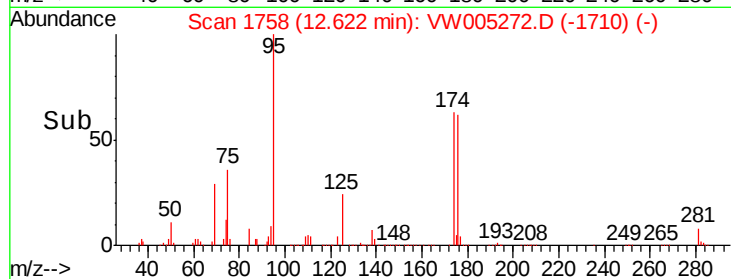
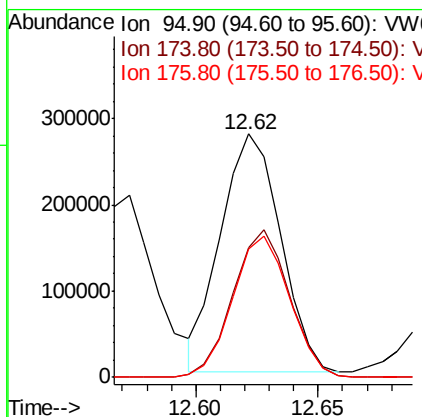
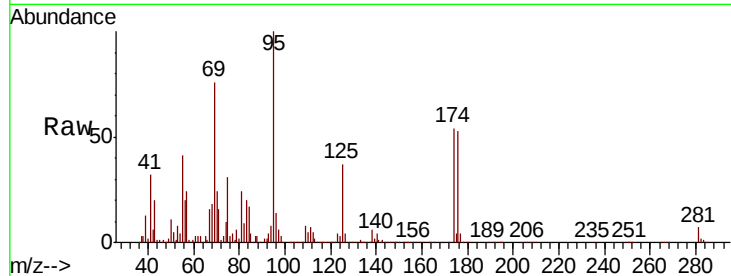




#62
4-Bromofluorobenzene
Concen: 60.38 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.01 min
Lab File: VW005272.D
Acq: 11 Sep 2018 13:45

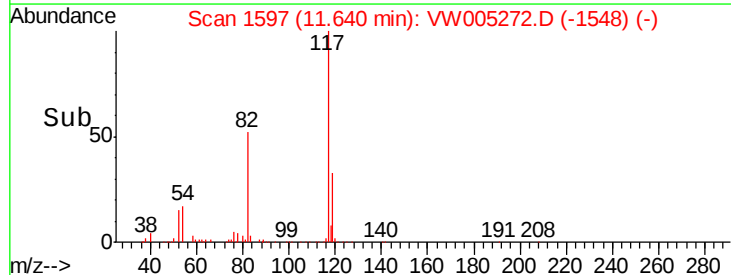
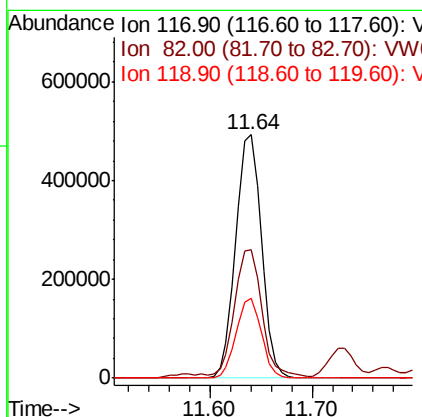
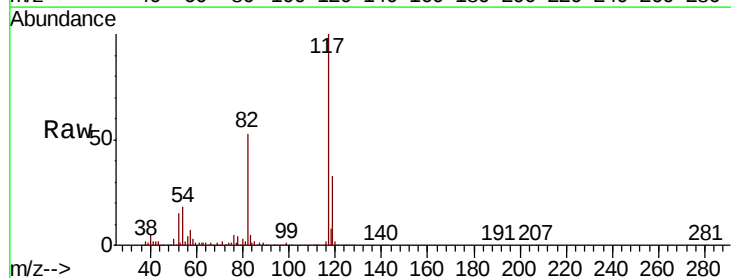
Instrument :
MSVOA_W
ClientSampled :
EP1-MW-C(20-25)

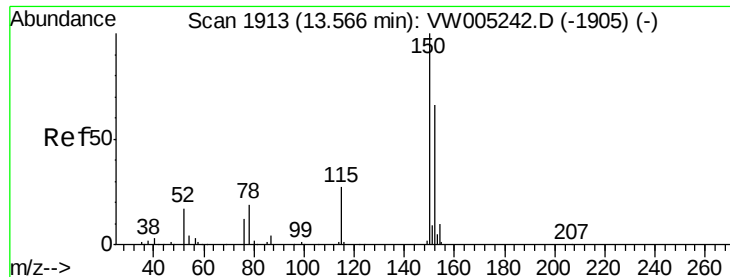
Tot Ion: 95 Resp: 471199
Ion Ratio Lower Upper
95 100
174 58.7 0.0 174.6
176 56.6 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005272.D
Acq: 11 Sep 2018 13:45

Tgt Ion: 117 Resp: 861520
Ion Ratio Lower Upper
117 100
82 51.2 42.6 63.8
119 32.8 26.2 39.4



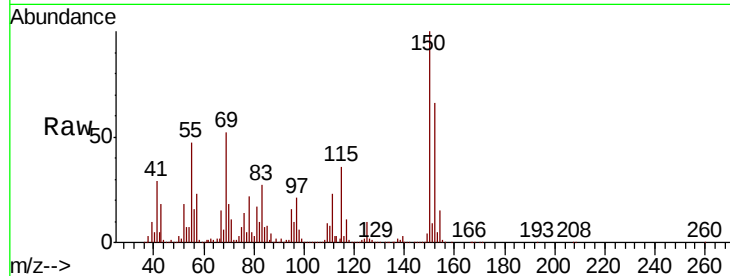


#72

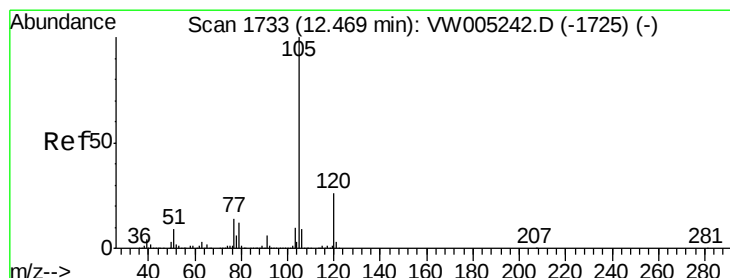
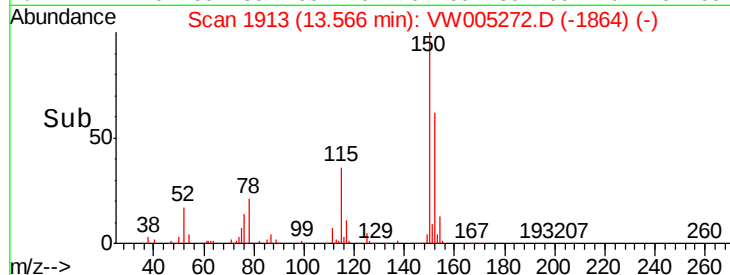
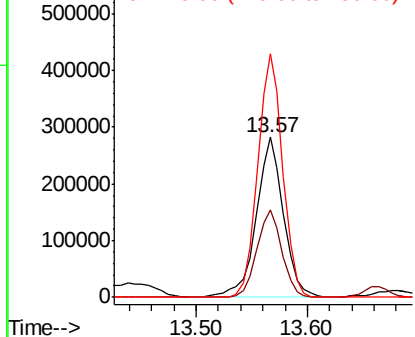
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW005272.D
Acq: 11 Sep 2018 13:45

Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-C(20-25)

Tot Ion:152 Resp: 477058
Ion Ratio Lower Upper
152 100
115 50.0 27.5 82.4
150 139.7 0.0 347.4



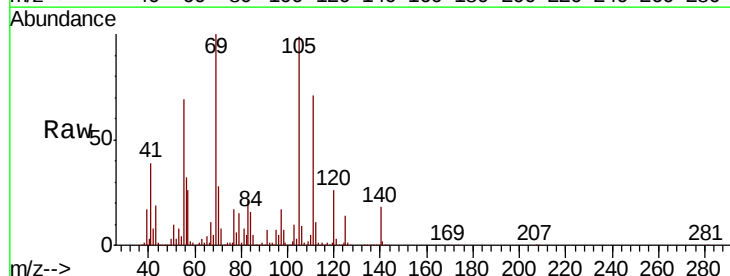
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



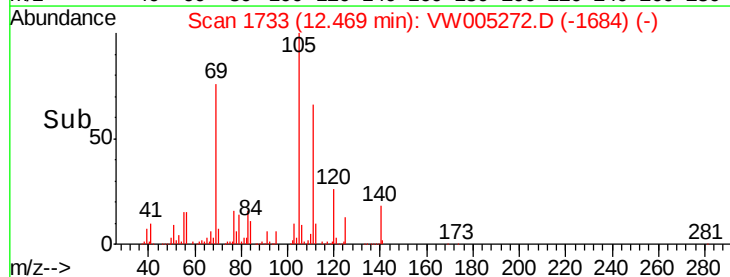
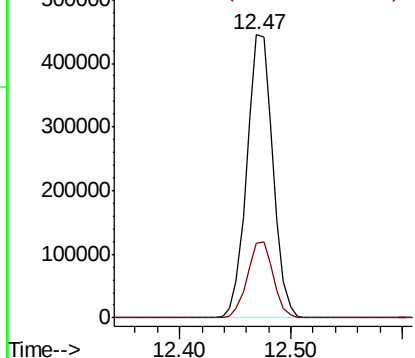
#73

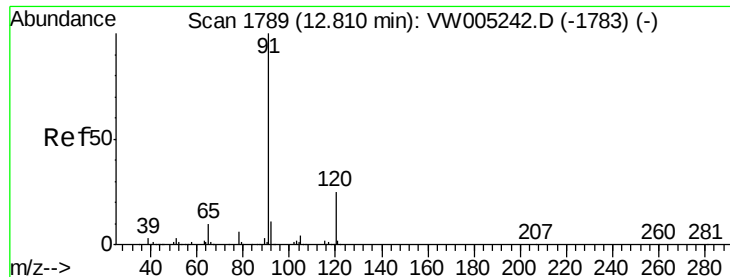
Isopropylbenzene
Concen: 21.45 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW005272.D
Acq: 11 Sep 2018 13:45

Tgt Ion:105 Resp: 722854
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 34.40 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW005272.D

Acq: 11 Sep 2018 13:45

Instrument :

MSVOA_W

ClientSampleId :

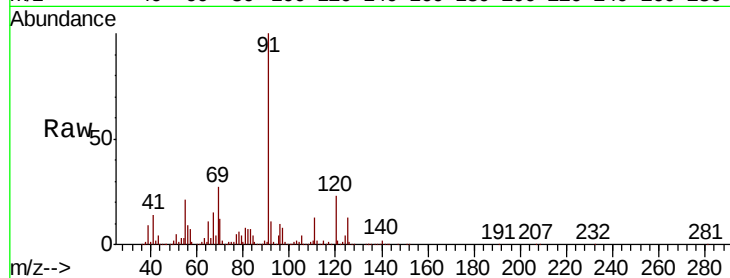
EP1-MW-C(20-25)

Tot Ion: 91 Resp: 1392631

Ion Ratio Lower Upper

91 100

120 22.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

12.81

800000

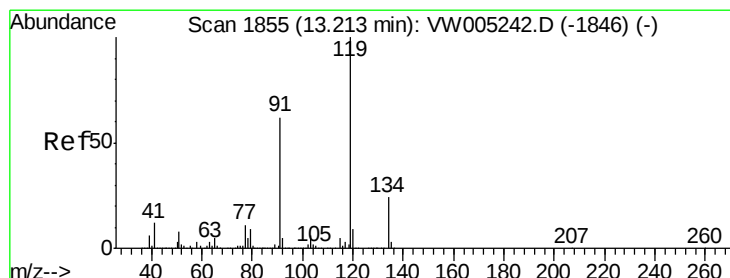
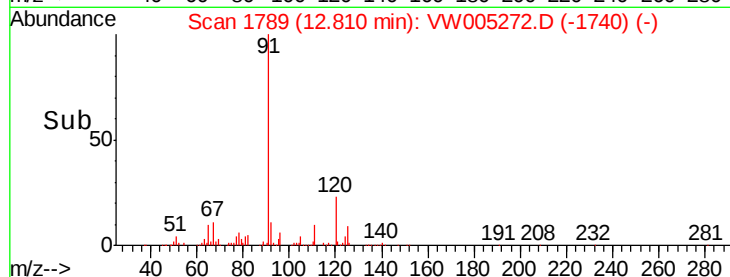
600000

400000

200000

0

Time--> 12.70 12.80



#83

tert-Butylbenzene

Concen: 4.40 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW005272.D

Acq: 11 Sep 2018 13:45

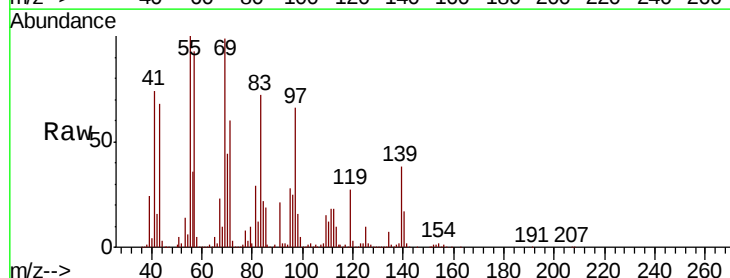
Tgt Ion: 119 Resp: 110462

Ion Ratio Lower Upper

119 100

91 85.9 31.7 95.1

134 25.2 13.0 38.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V

13.21

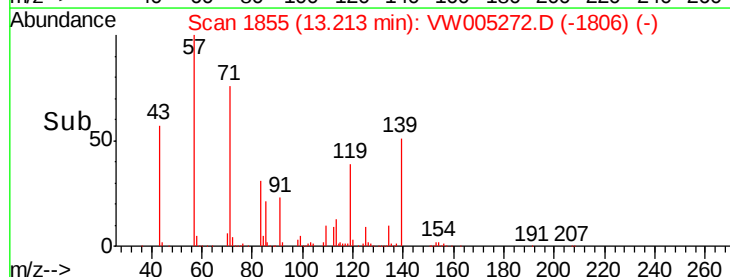
150000

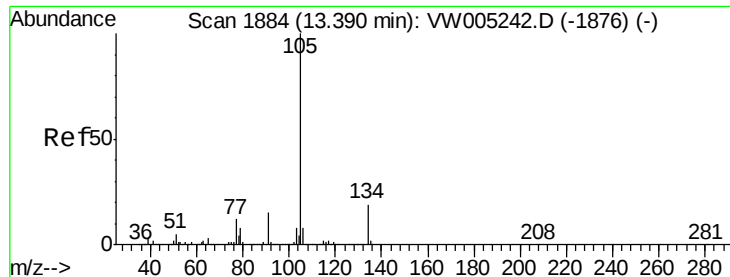
100000

50000

0

Time--> 13.10 13.20 13.30

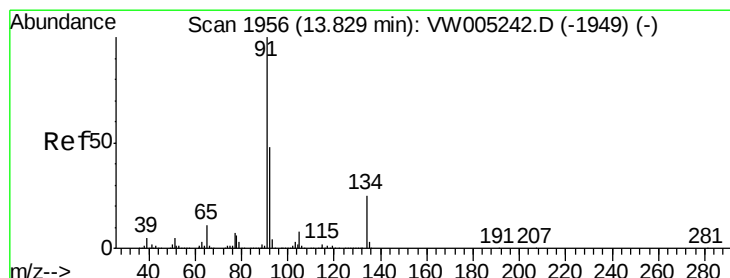
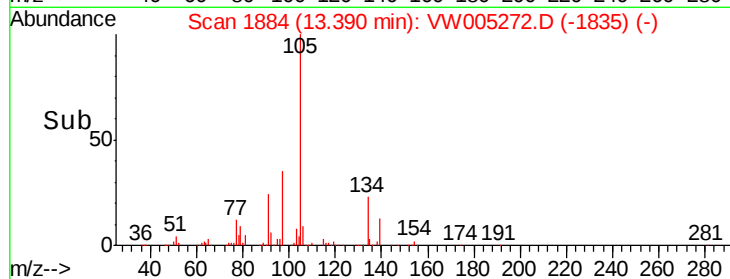
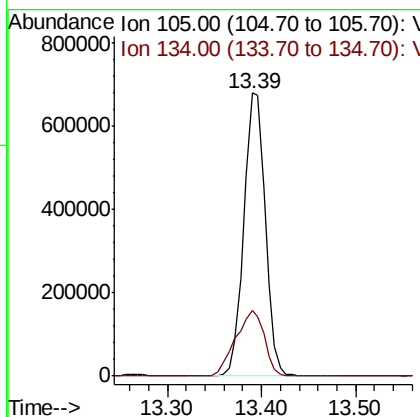
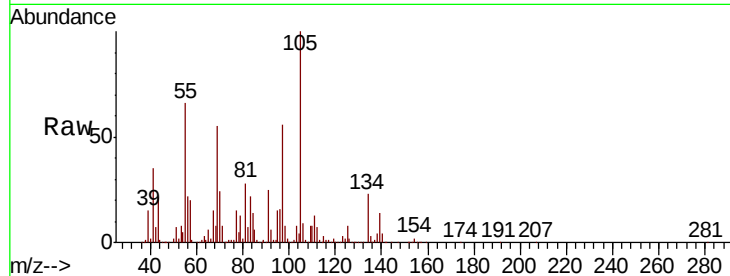




#85
 sec-Butylbenzene
 Concen: 29.95 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW005272.D
 Acq: 11 Sep 2018 13:45

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-C(20-25)

Tot Ion:105 Resp: 1080324
 Ion Ratio Lower Upper
 105 100
 134 30.9 9.9 29.7#



#89
 n-Butylbenzene
 Concen: 10.69 ug/l
 RT: 13.83 min Scan# 1957
 Delta R.T. 0.01 min
 Lab File: VW005272.D
 Acq: 11 Sep 2018 13:45

Tgt Ion: 91 Resp: 321044
 Ion Ratio Lower Upper
 91 100
 92 51.0 25.8 77.3
 134 46.5 13.6 40.8#

