

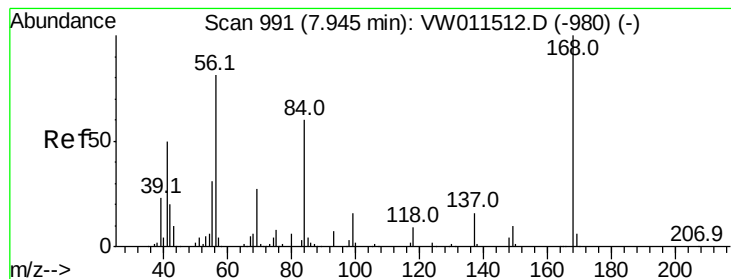
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072719\
 Data File : VW011522.D
 Acq On : 26 Jul 2019 17:58
 Operator : SY/VA
 Sample : K3626-15
 Misc : 6.62G/5.0ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-03-072519-B

Quant Time: Jul 27 06:23:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	238471	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	399339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	328636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	130636	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	149972	54.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.54%	
35) Dibromofluoromethane	7.88	113	120891	53.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.92%	
50) Toluene-d8	10.32	98	485567	52.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.88%	
62) 4-Bromofluorobenzene	12.62	95	154684	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.60%	
Target Compounds						
					Qvalue	
68) m/p-Xylenes	11.84	106	5641	1.233	ug/l	99
69) o-Xylene	12.16	106	5830	1.371	ug/l	99
78) n-propylbenzene	12.80	91	22128	1.866	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	44774	5.481	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	209225	25.424	ug/l	100
85) sec-Butylbenzene	13.38	105	18338	1.881	ug/l	86
86) p-Isopropyltoluene	13.50	119	13655	1.544	ug/l	98
89) n-Butylbenzene	13.82	91	46110	5.224	ug/l #	80
95) Naphthalene	15.37	128	45234	10.474	ug/l #	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011522.D

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Instrument :

MSVOA_W

ClientSampleId :

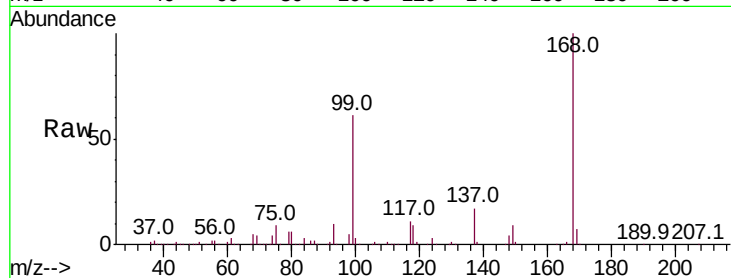
SU-03-072519-B

Tot Ion:168 Resp: 238471

Ion Ratio Lower Upper

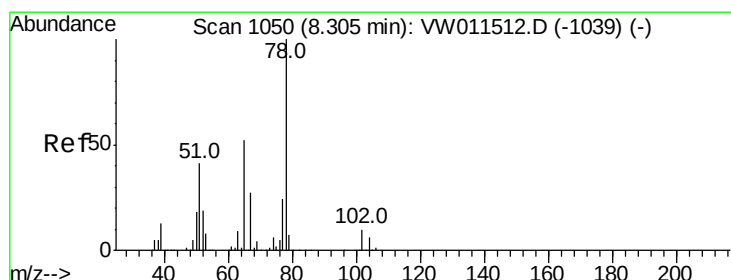
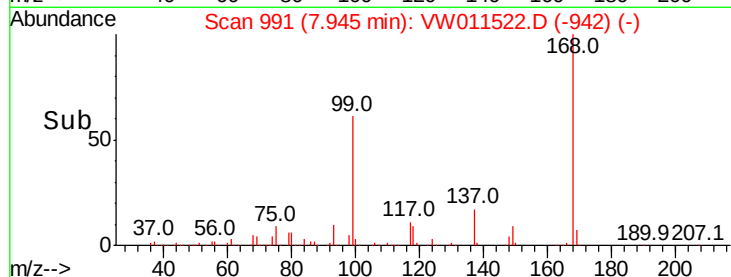
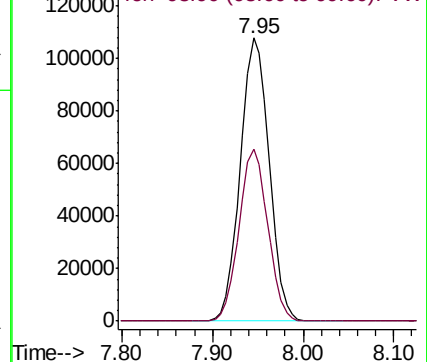
168 100

99 60.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 54.768 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011522.D

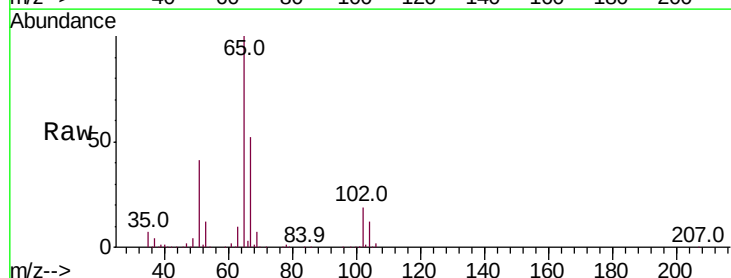
Acq: 26 Jul 2019 17:58

Tgt Ion: 65 Resp: 149972

Ion Ratio Lower Upper

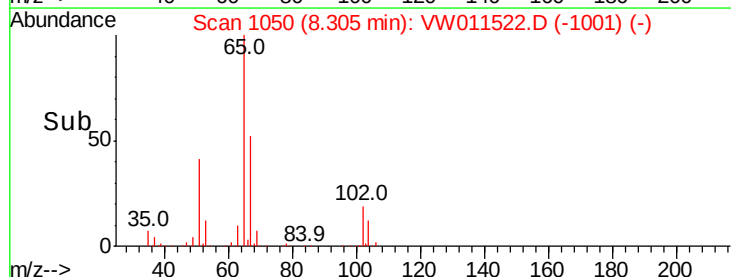
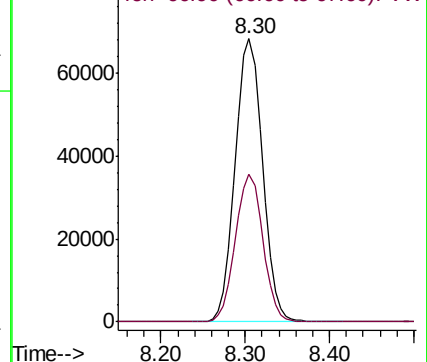
65 100

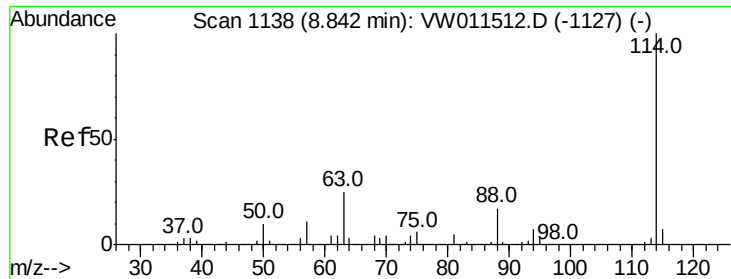
67 52.3 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

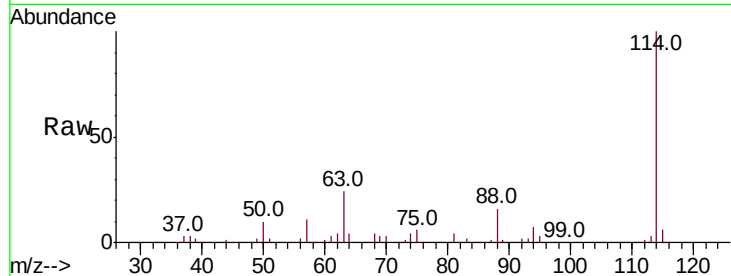




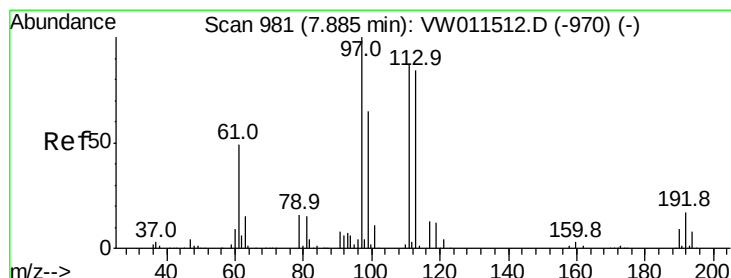
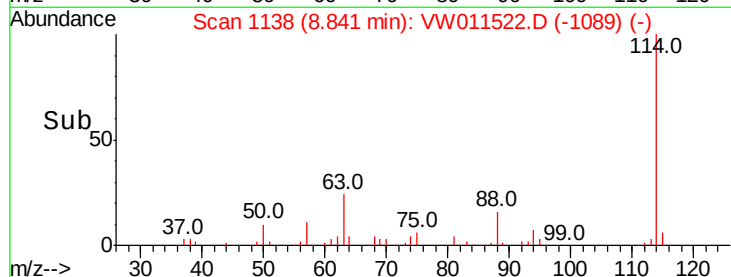
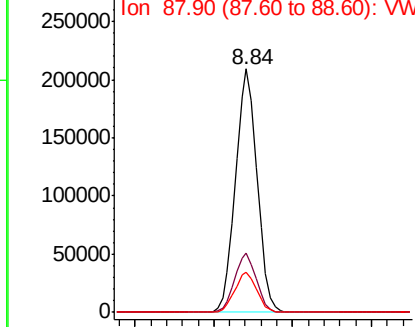
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011522.D
 Acq: 26 Jul 2019 17:58

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-03-072519-B

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	49.2
88	16.5	0.0	33.8

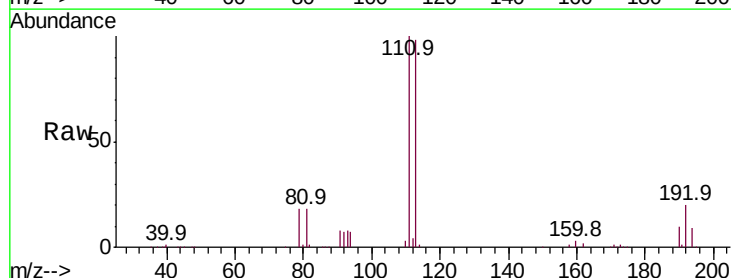


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

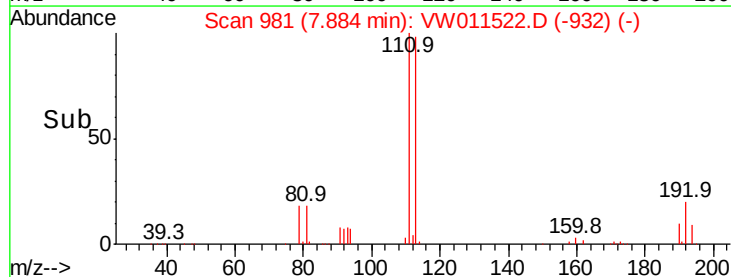
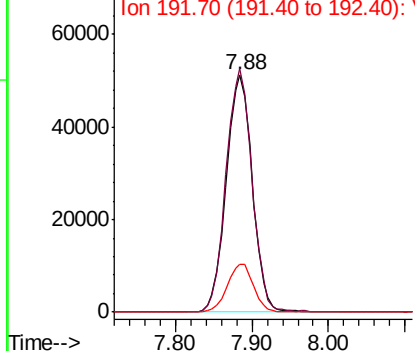


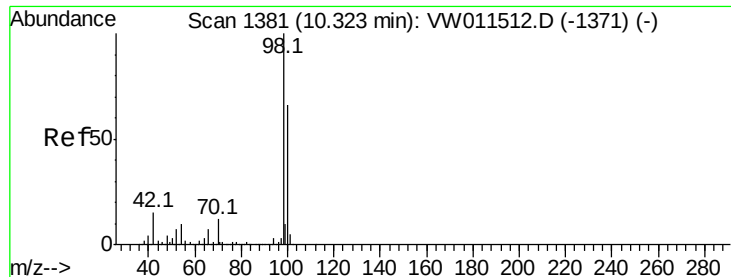
#35
 Dibromofluoromethane
 Concen: 53.960 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011522.D
 Acq: 26 Jul 2019 17:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.7	124.1
192	20.1	16.1	24.1



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

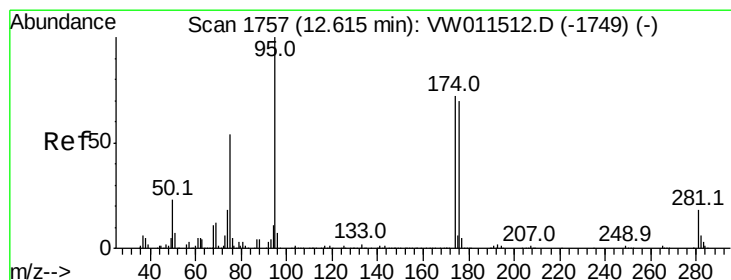
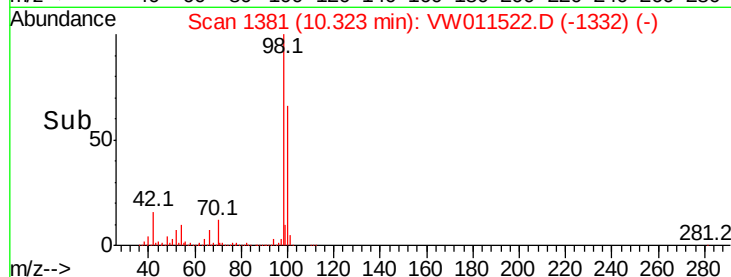
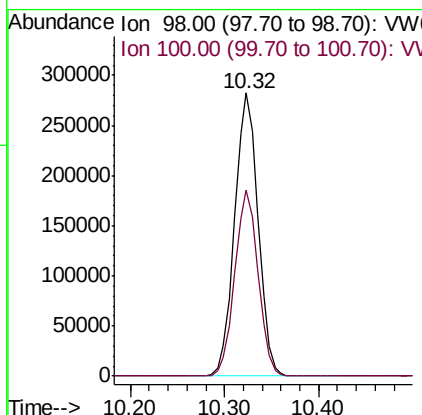
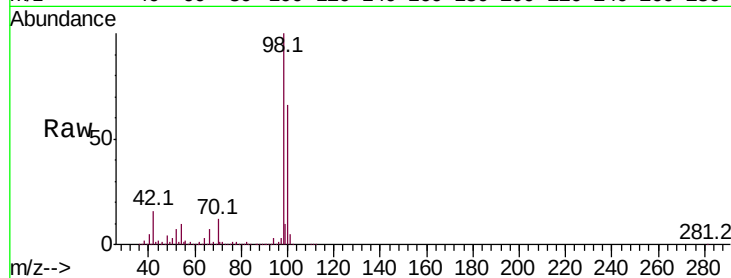




#50
Toluene-d8
Concen: 52.936 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011522.D
Acq: 26 Jul 2019 17:58

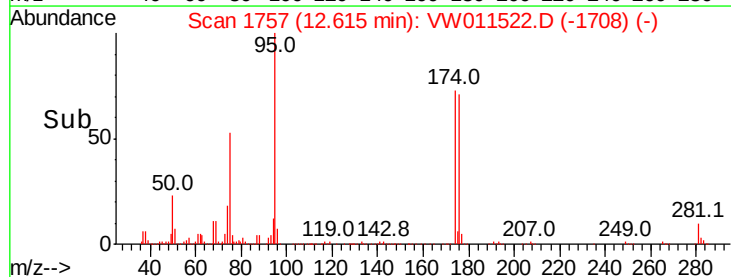
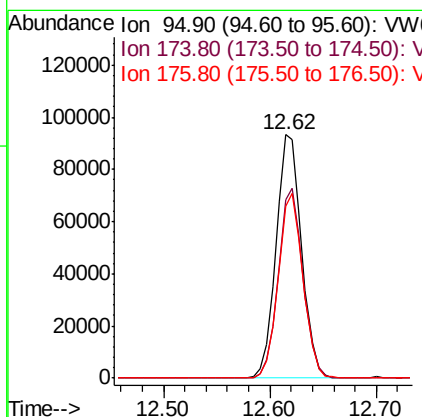
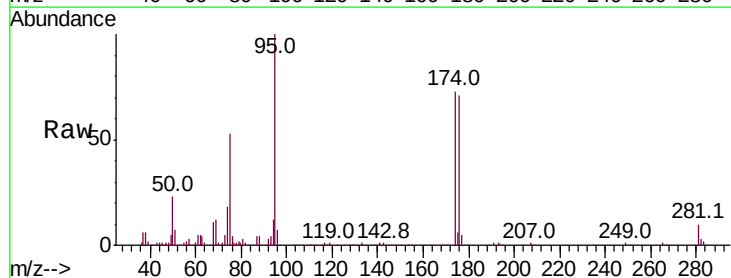
Instrument :
MSVOA_W
ClientSampleId :
SU-03-072519-B

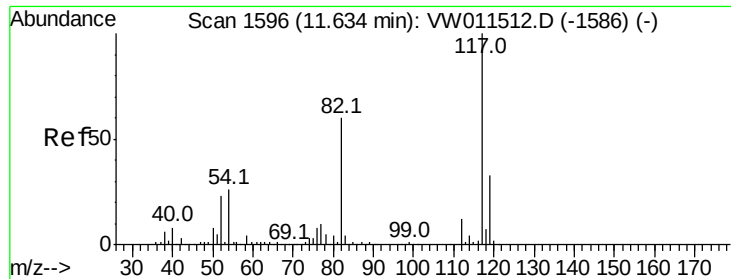
Tot Ion: 98 Resp: 485567
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 47.300 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011522.D
Acq: 26 Jul 2019 17:58

Tgt Ion: 95 Resp: 154684
Ion Ratio Lower Upper
95 100
174 75.1 0.0 150.2
176 73.3 0.0 144.4

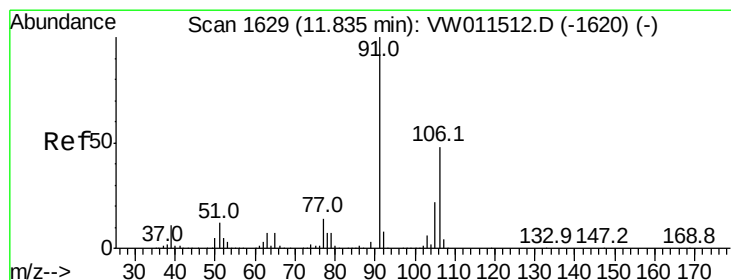
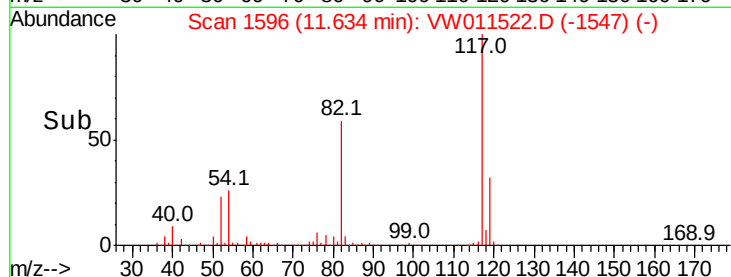
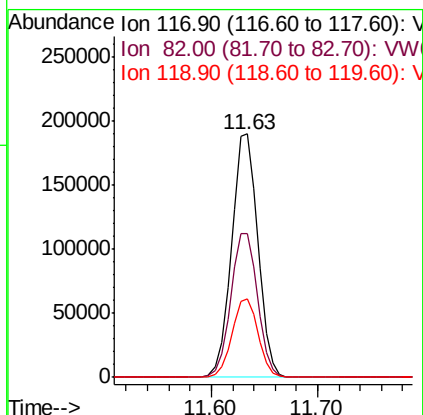
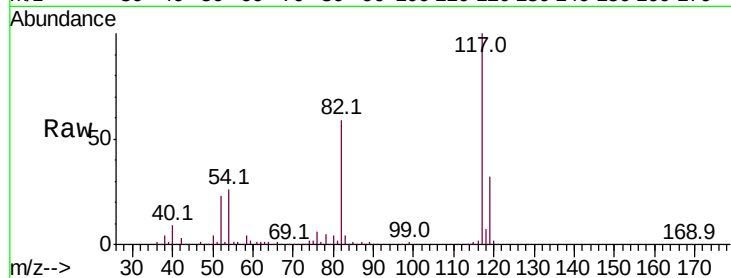




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011522.D
Acq: 26 Jul 2019 17:58

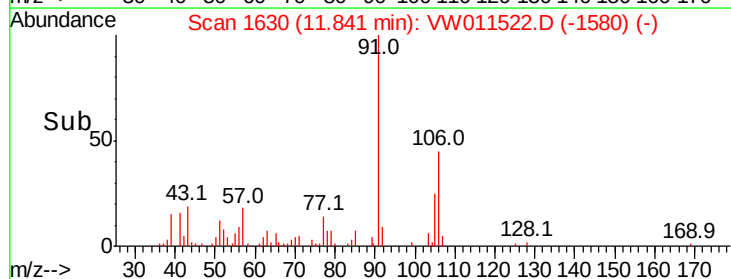
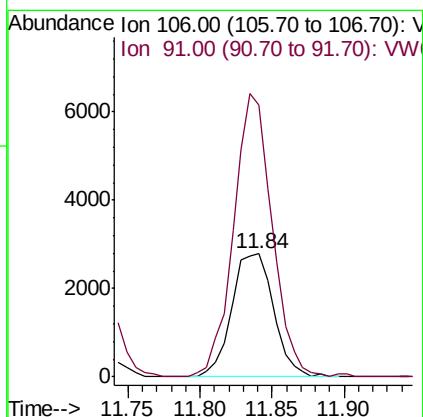
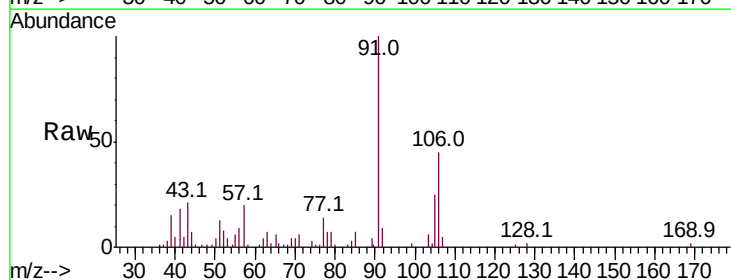
Instrument :
MSVOA_W
ClientSampleId :
SU-03-072519-B

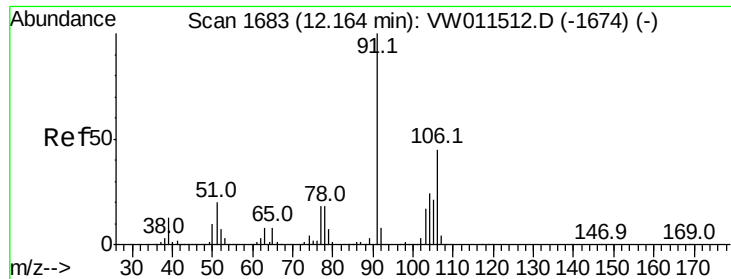
Tot Ion:117 Resp: 328636
Ion Ratio Lower Upper
117 100
82 59.2 47.9 71.9
119 32.0 26.2 39.2



#68
m/p-Xylenes
Concen: 1.233 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW011522.D
Acq: 26 Jul 2019 17:58

Tgt Ion:106 Resp: 5641
Ion Ratio Lower Upper
106 100
91 211.3 168.2 252.2

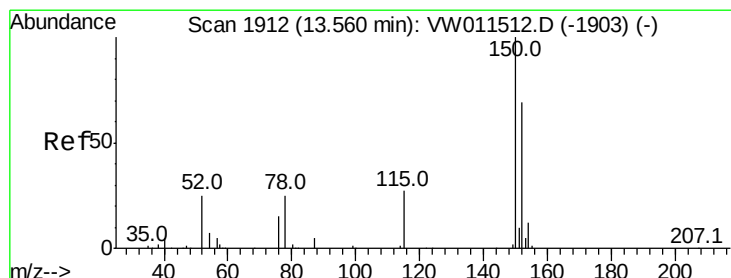
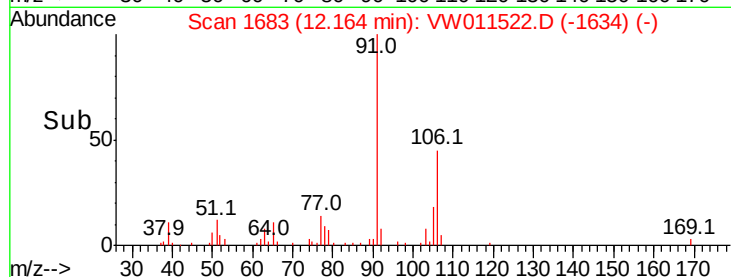
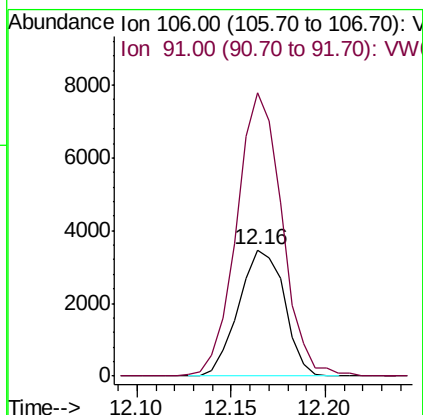
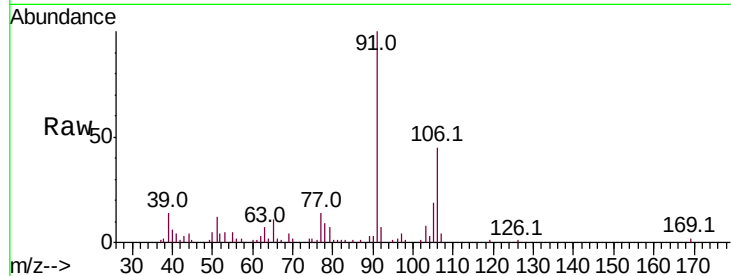




#69
o-Xylene
Concen: 1.371 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011522.D
Acq: 26 Jul 2019 17:58

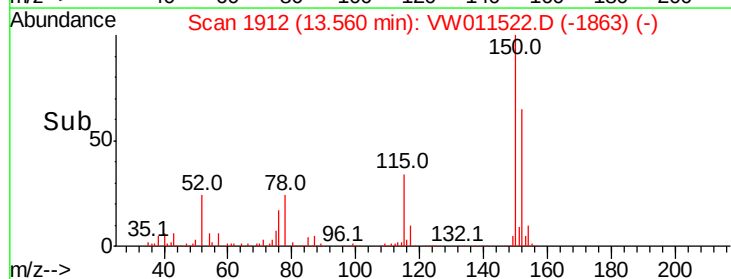
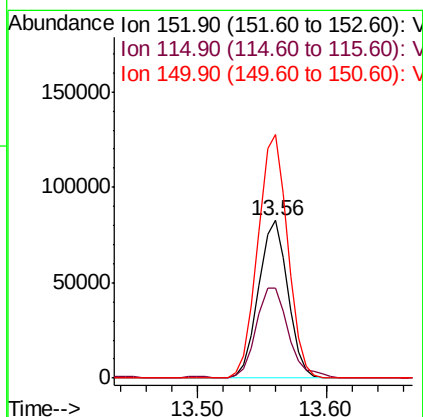
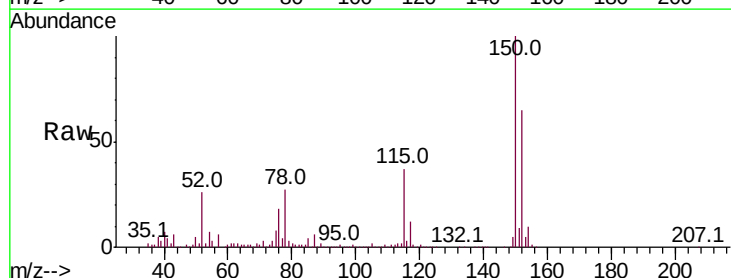
Instrument :
MSVOA_W
ClientSampleId :
SU-03-072519-B

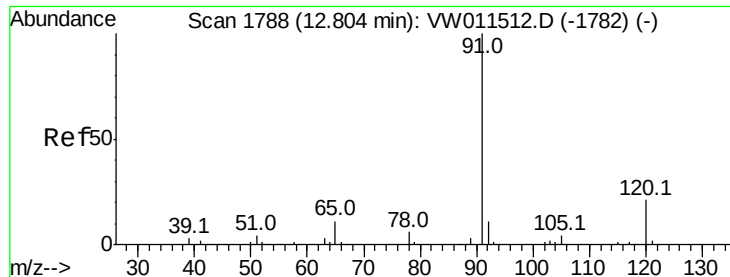
Tot Ion:106 Resp: 5830
Ion Ratio Lower Upper
106 100
91 223.0 110.5 331.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011522.D
Acq: 26 Jul 2019 17:58

Tgt Ion:152 Resp: 130636
Ion Ratio Lower Upper
152 100
115 62.5 30.5 91.5
150 155.9 0.0 352.6





#78

n-propylbenzene

Concen: 1.866 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW011522.D

Acq: 26 Jul 2019 17:58

Instrument :

MSVOA_W

ClientSampleId :

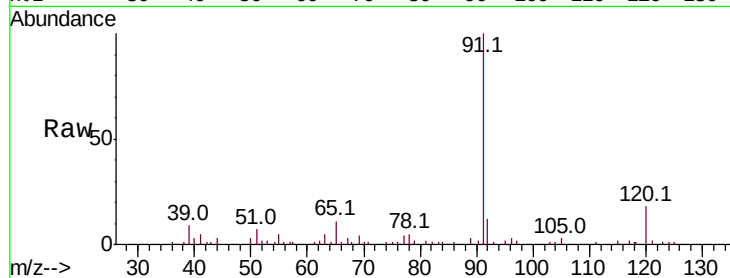
SU-03-072519-B

Tot Ion: 91 Resp: 22128

Ion Ratio Lower Upper

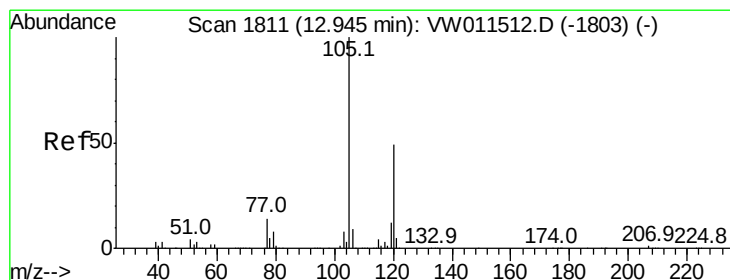
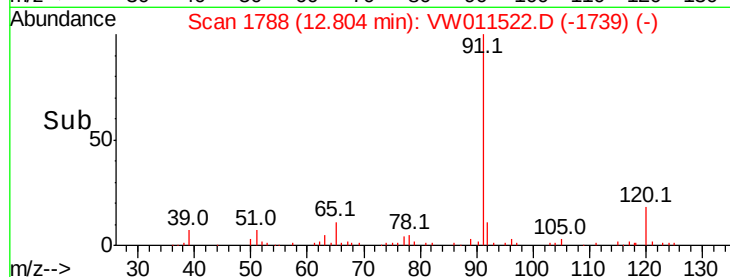
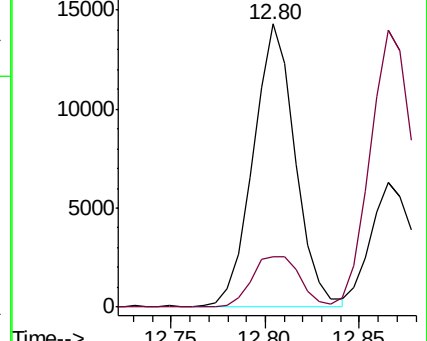
91 100

120 20.6 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 5.481 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW011522.D

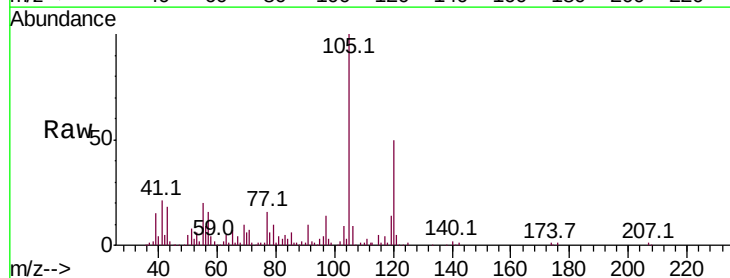
Acq: 26 Jul 2019 17:58

Tgt Ion:105 Resp: 44774

Ion Ratio Lower Upper

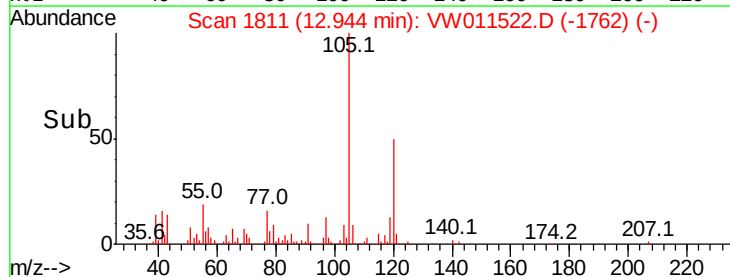
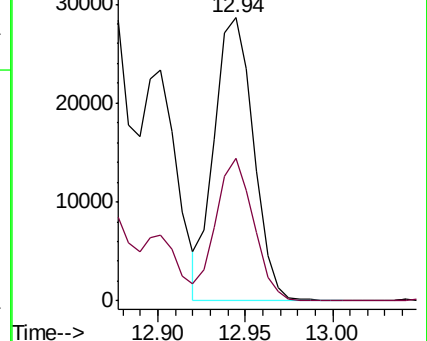
105 100

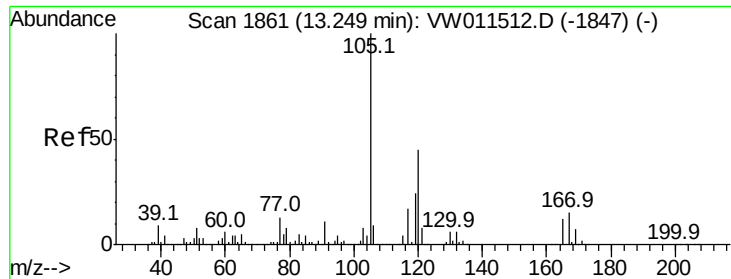
120 48.4 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

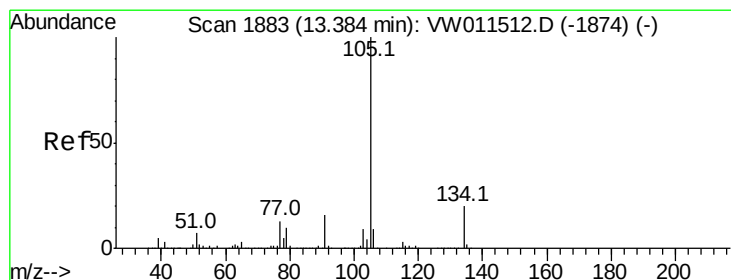
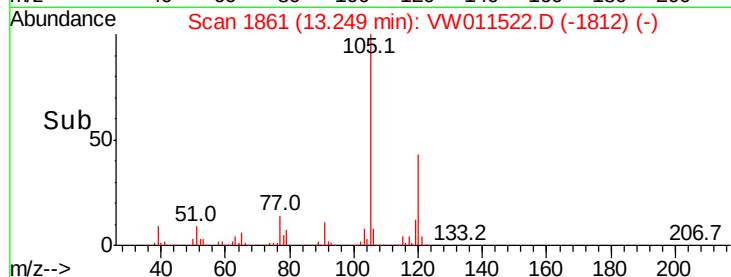
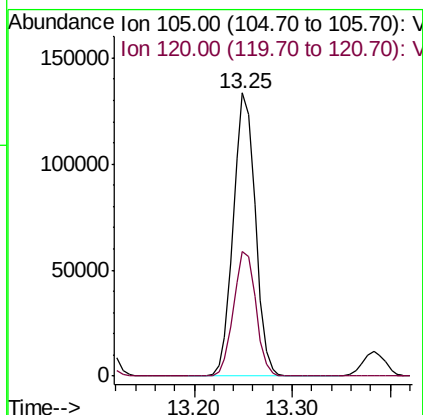
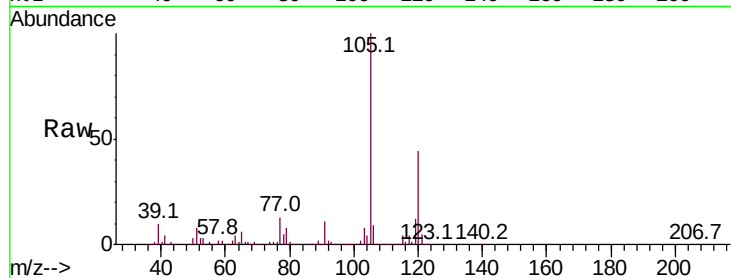




#84
1,2,4-Trimethylbenzene
Concen: 25.424 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW011522.D
Acq: 26 Jul 2019 17:58

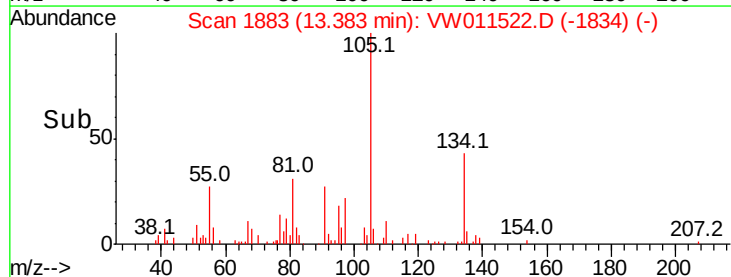
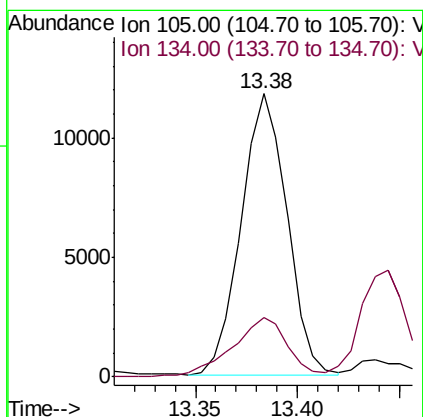
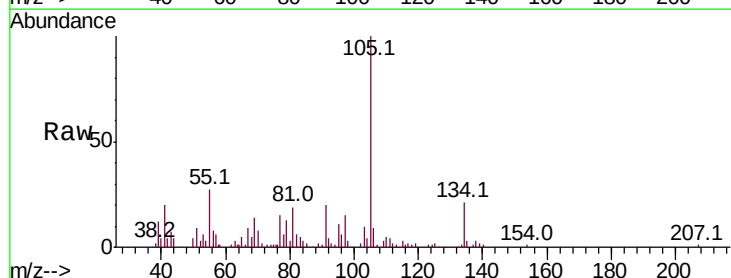
Instrument :
MSVOA_W
ClientSampleId :
SU-03-072519-B

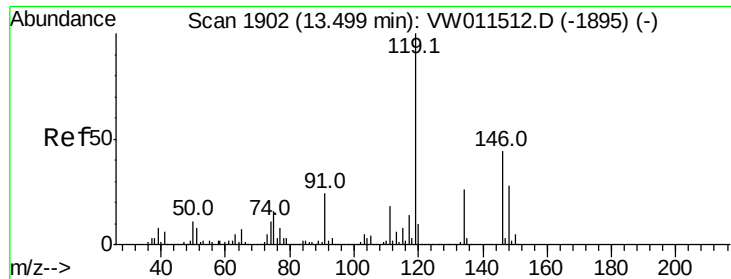
Tot Ion:105 Resp: 209225
Ion Ratio Lower Upper
105 100
120 44.6 22.1 66.5



#85
sec-Butylbenzene
Concen: 1.881 ug/l
RT: 13.38 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VW011522.D
Acq: 26 Jul 2019 17:58

Tgt Ion:105 Resp: 18338
Ion Ratio Lower Upper
105 100
134 25.6 9.7 29.1

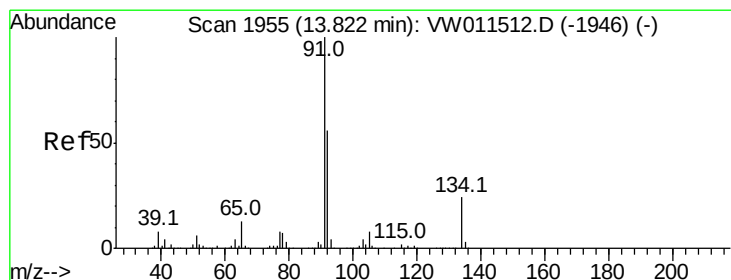
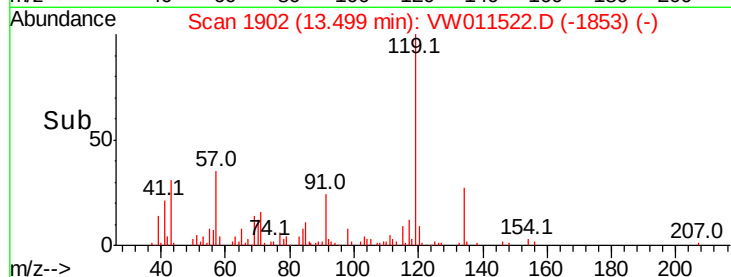
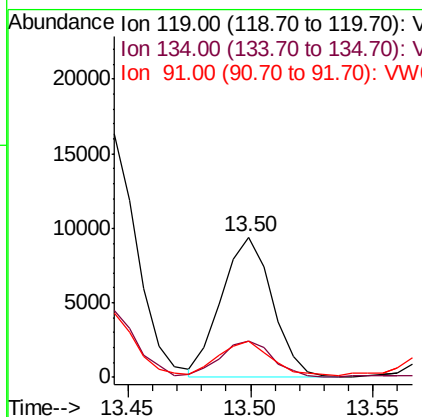
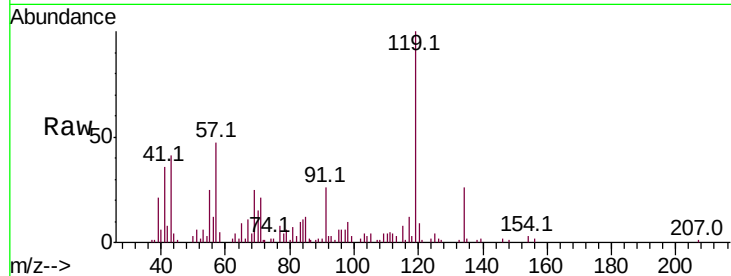




#86
p-Isopropyltoluene
Concen: 1.544 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW011522.D
Acq: 26 Jul 2019 17:58

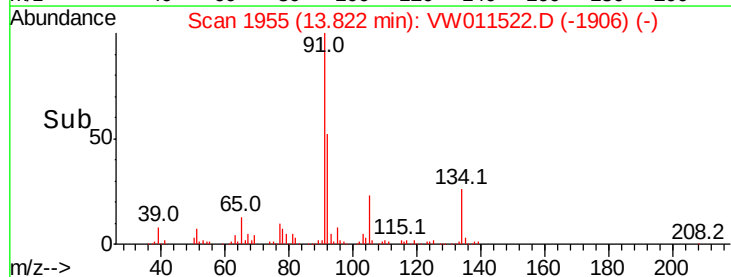
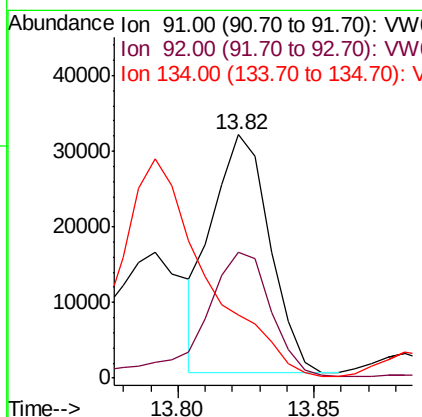
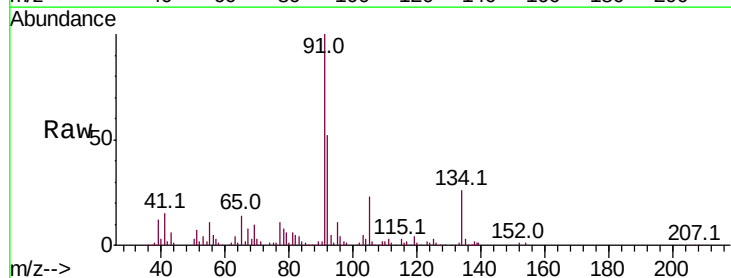
Instrument :
MSVOA_W
ClientSampleId :
SU-03-072519-B

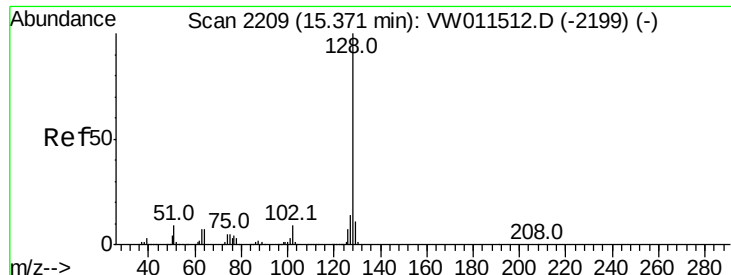
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.3	12.8	38.4
91	23.9	12.1	36.3



#89
n-Butylbenzene
Concen: 5.224 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW011522.D
Acq: 26 Jul 2019 17:58

Tgt Ion	Ratio	Lower	Upper
91	100		
92	60.0	27.5	82.4
134	0.0	12.2	36.6#





#95
 Naphthalene
 Concen: 10.474 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: VW011522.D
 Acq: 26 Jul 2019 17:58

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-03-072519-B

Tot Ion:128 Resp: 45234
 Ion Ratio Lower Upper
 128 100
 127 12.1 10.6 16.0
 129 7.5 8.6 13.0#

