

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091619\
 Data File : VW013045.D
 Acq On : 16 Sep 2019 16:50
 Operator : SY/VA
 Sample : K4850-01
 Misc : 5.32G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 AOC-7-(5)

Quant Time: Sep 17 07:42:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

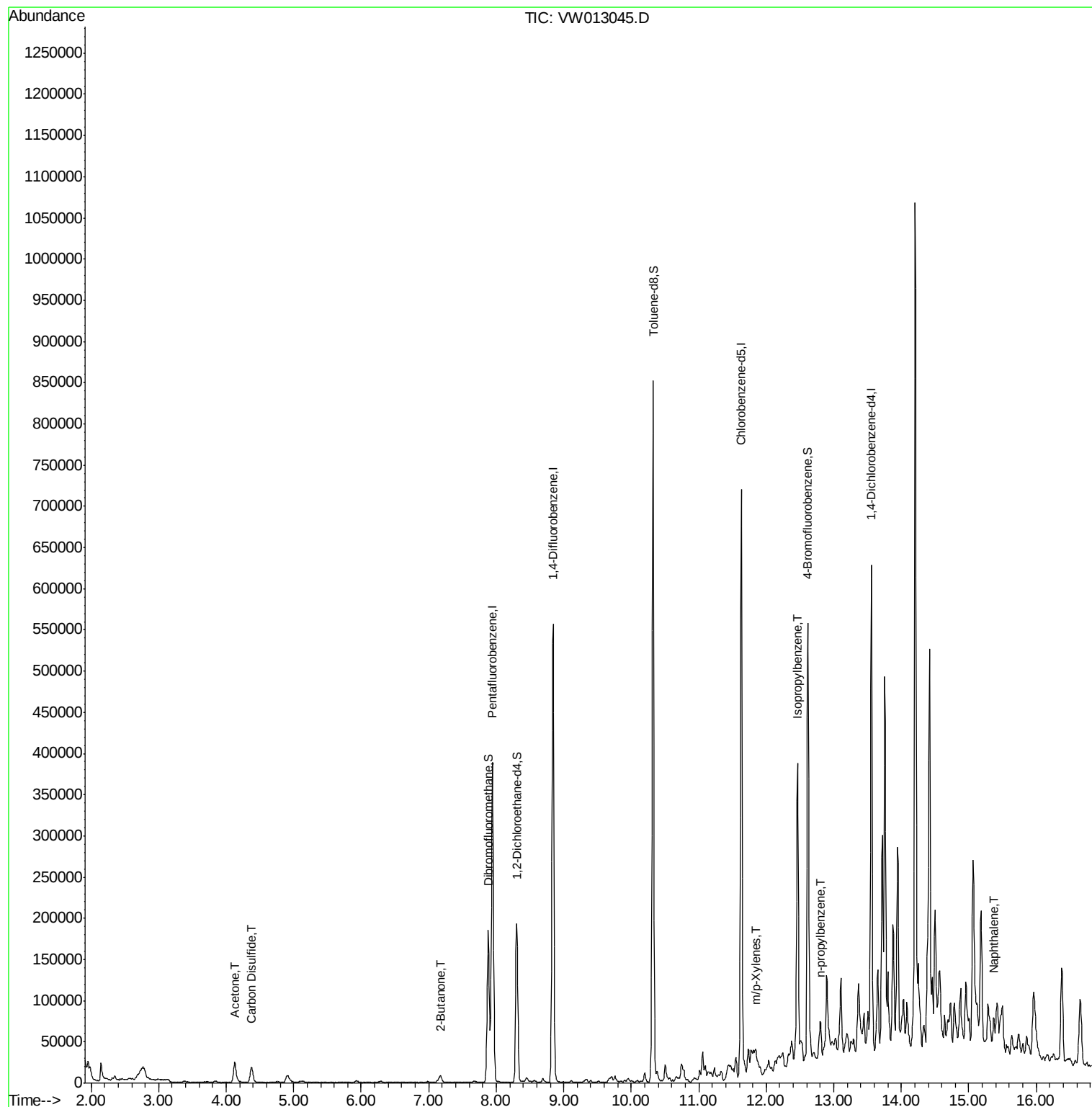
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	305244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	463339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	382288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	160404	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	156741	55.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.20%	
35) Dibromofluoromethane	7.88	113	134575	53.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.06%	
50) Toluene-d8	10.32	98	544897	55.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.78%	
62) 4-Bromofluorobenzene	12.62	95	173840	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
Target Compounds						
16) Acetone	4.13	43	45273	59.080	ug/l	98
17) Carbon Disulfide	4.37	76	41951	9.991	ug/l	97
25) 2-Butanone	7.18	43	9534	10.636	ug/l	95
68) m/p-Xylenes	11.84	106	6073	1.322	ug/l	100
73) Isopropylbenzene	12.46	105	227478	21.396	ug/l	99
78) n-propylbenzene	12.80	91	38575	3.084	ug/l	99
95) Naphthalene	15.36	128	26316	5.179	ug/l	95

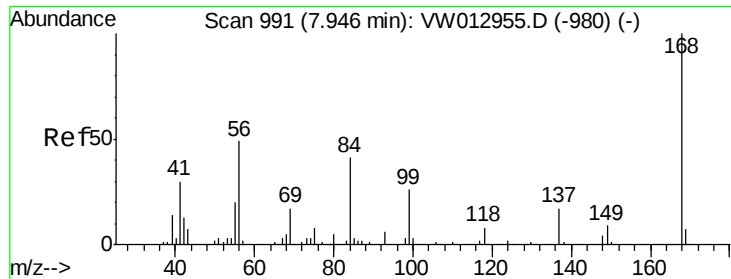
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 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: VW013045.D

Acq: 16 Sep 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

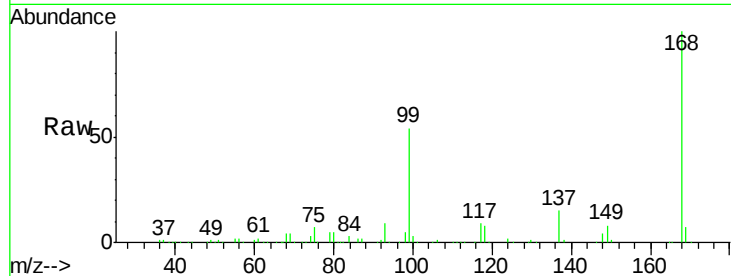
AOC-7(5)

Tot Ion:168 Resp: 305244

Ion Ratio Lower Upper

168 100

99 53.8 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

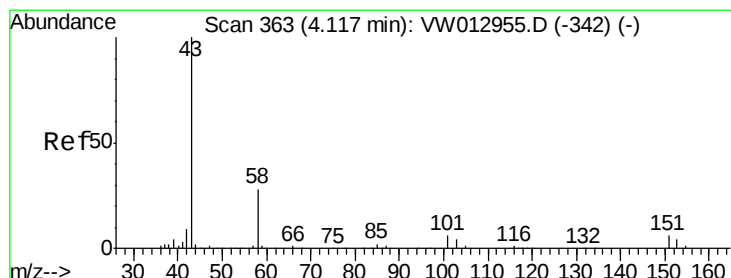
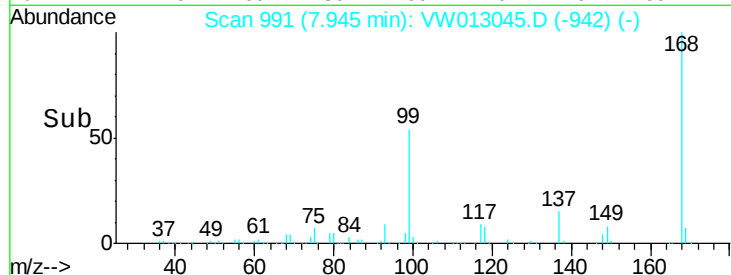
100000

50000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 59.080 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW013045.D

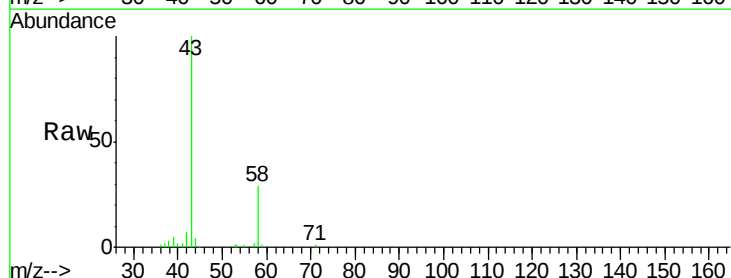
Acq: 16 Sep 2019 16:50

Tgt Ion: 43 Resp: 45273

Ion Ratio Lower Upper

43 100

58 28.9 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

15000

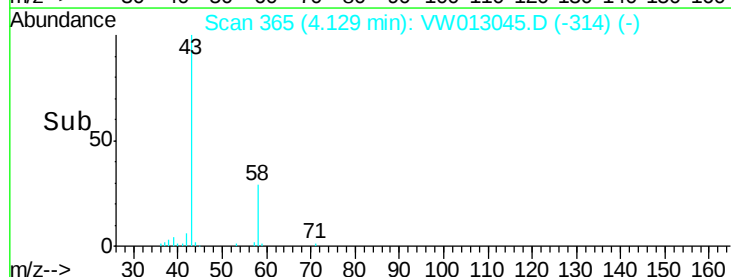
10000

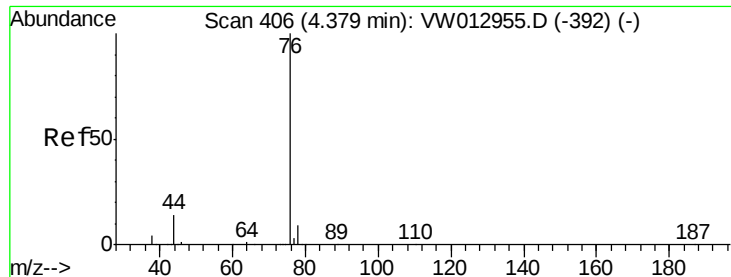
5000

0

4.00 4.10 4.20

Time-->

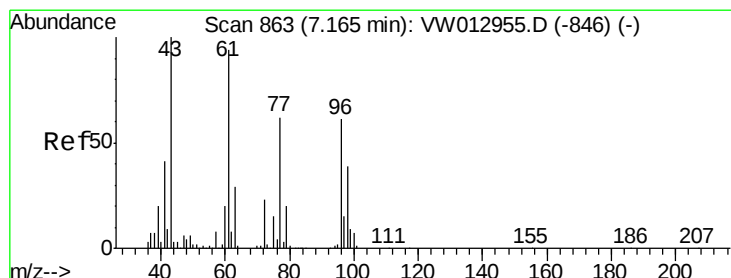
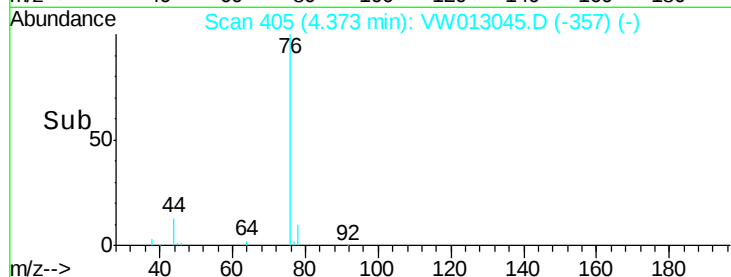
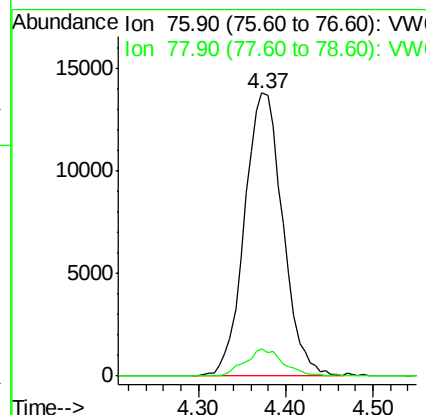
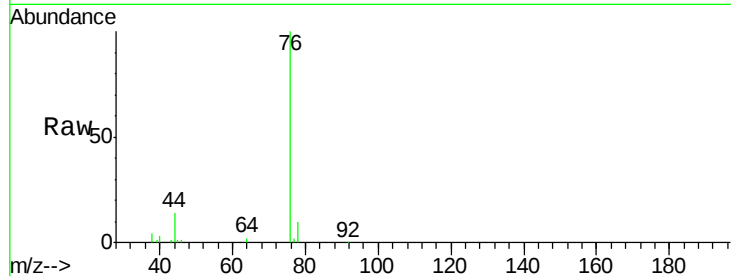




#17
Carbon Disulfide
Concen: 9.991 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW013045.D
Acq: 16 Sep 2019 16:50

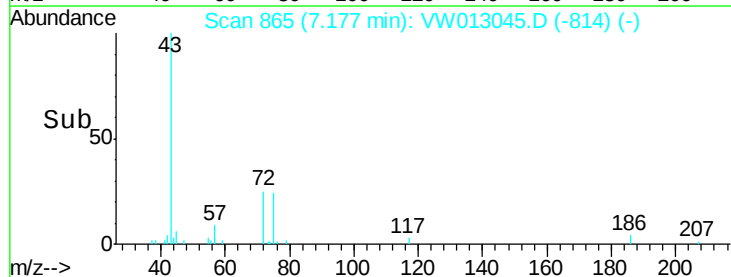
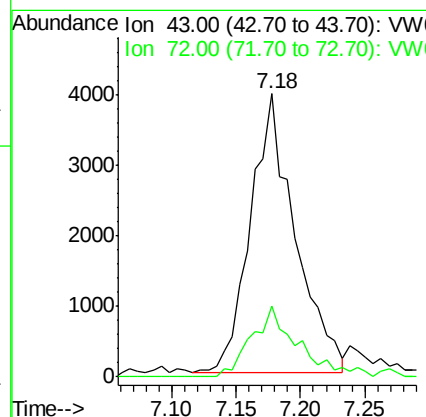
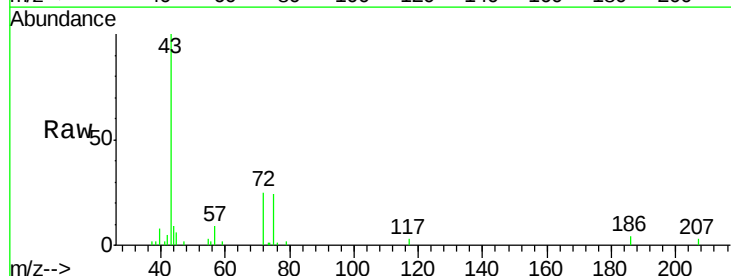
Instrument :
MSVOA_W
ClientSampleId :
AOC-7(5)

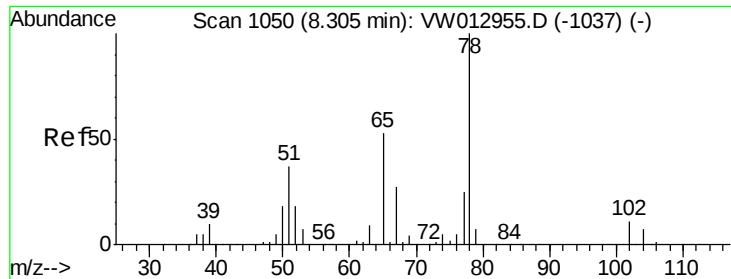
Tot Ion: 76 Resp: 41951
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.4



#25
2-Butanone
Concen: 10.636 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW013045.D
Acq: 16 Sep 2019 16:50

Tgt Ion: 43 Resp: 9534
Ion Ratio Lower Upper
43 100
72 25.2 18.2 27.4

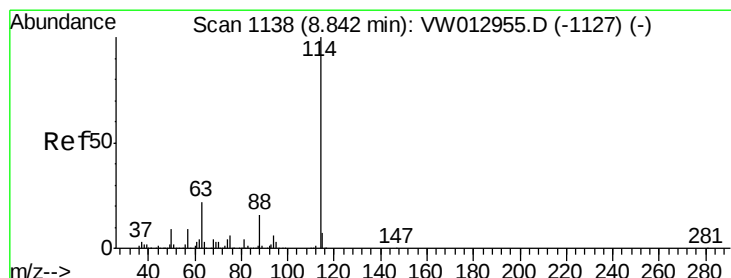
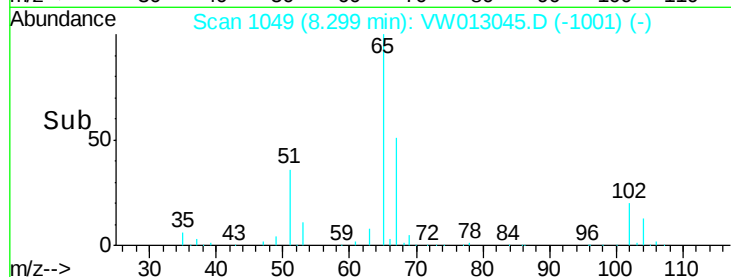
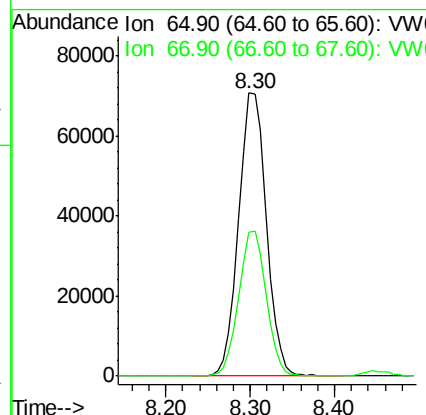
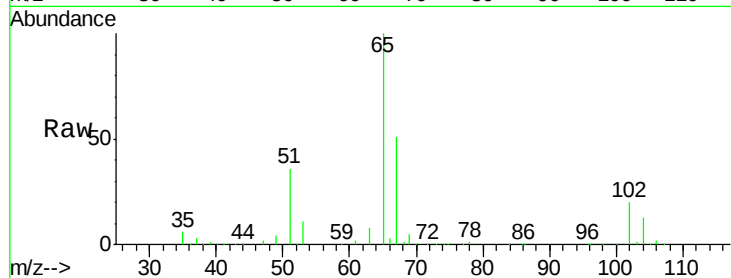




#33
 1,2-Dichloroethane-d4
 Concen: 55.599 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW013045.D
 Acq: 16 Sep 2019 16:50

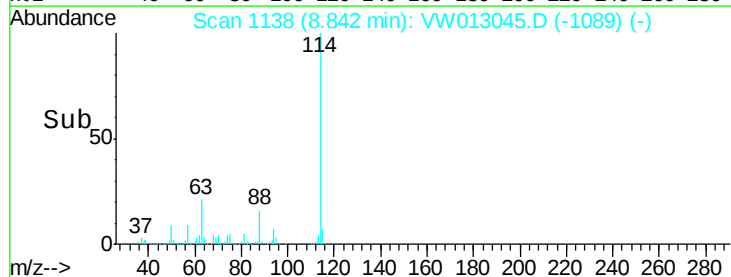
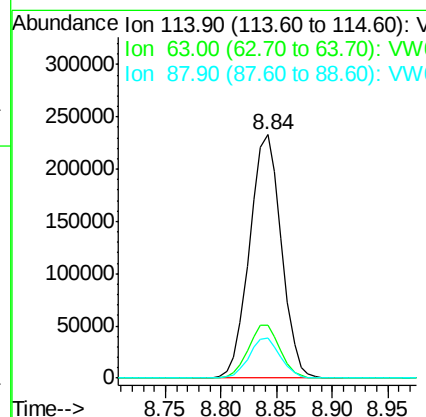
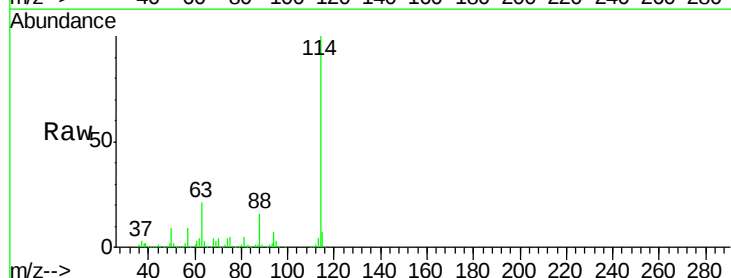
Instrument :
 MSVOA_W
 ClientSampleId :
 AOC-7(-5)

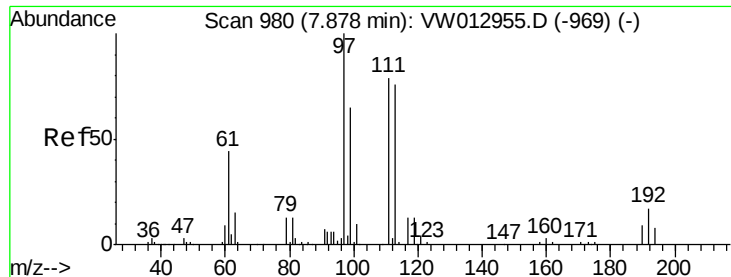
Tot Ion: 65 Resp: 156741
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013045.D
 Acq: 16 Sep 2019 16:50

Tgt Ion: 114 Resp: 463339
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.4
 88 16.2 0.0 31.6





#35

Dibromofluoromethane

Concen: 53.527 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW013045.D

Acq: 16 Sep 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

AOC-7(5)

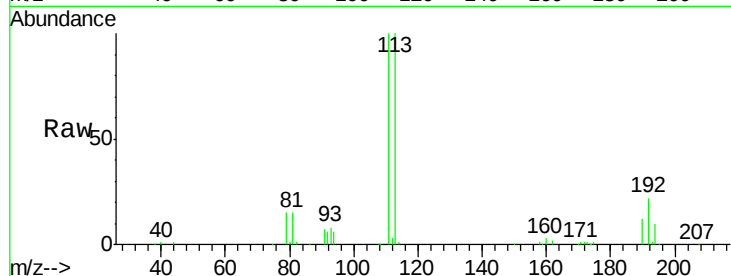
Tot Ion:113 Resp: 134575

Ion Ratio Lower Upper

113 100

111 102.3 82.8 124.2

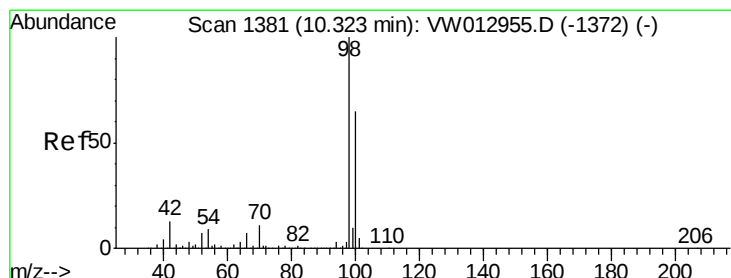
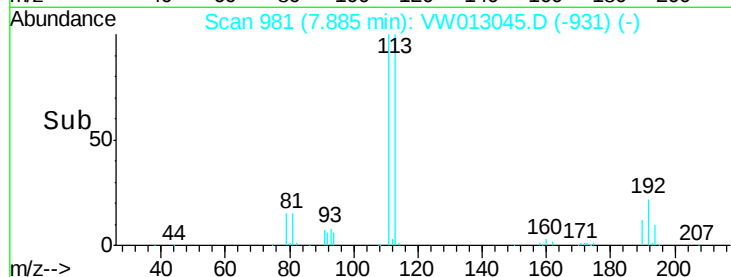
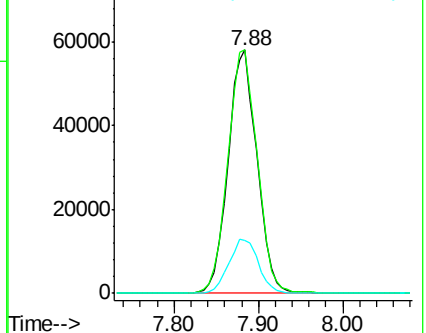
192 22.7 17.8 26.8



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: 55.387 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013045.D

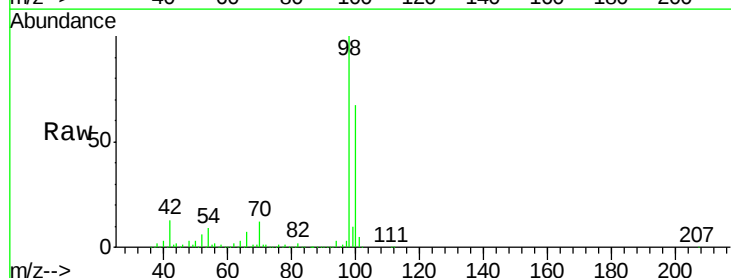
Acq: 16 Sep 2019 16:50

Tgt Ion: 98 Resp: 544897

Ion Ratio Lower Upper

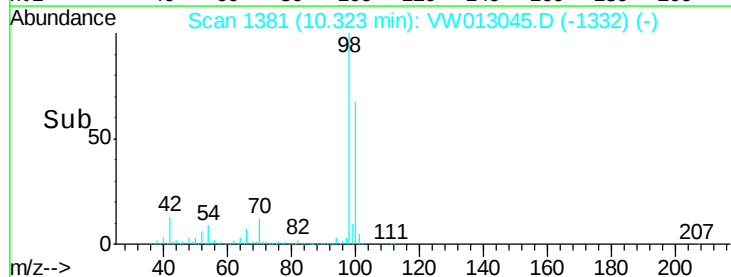
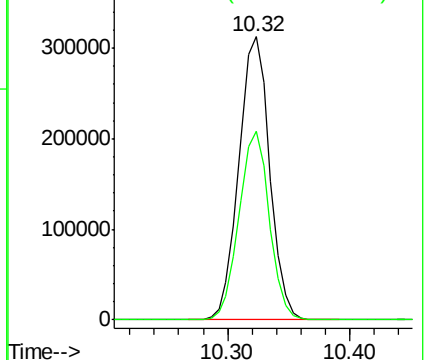
98 100

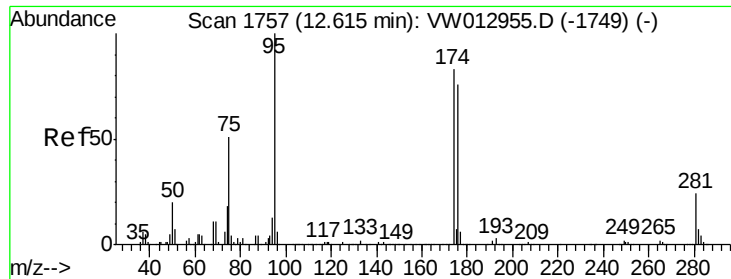
100 65.9 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

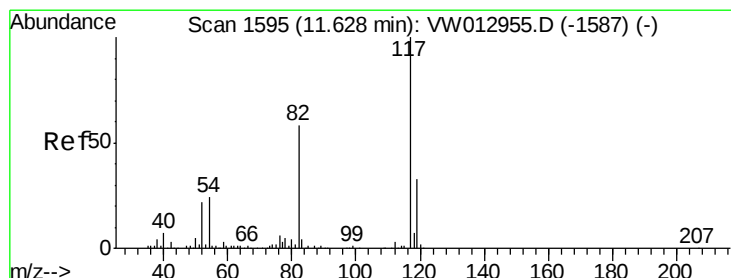
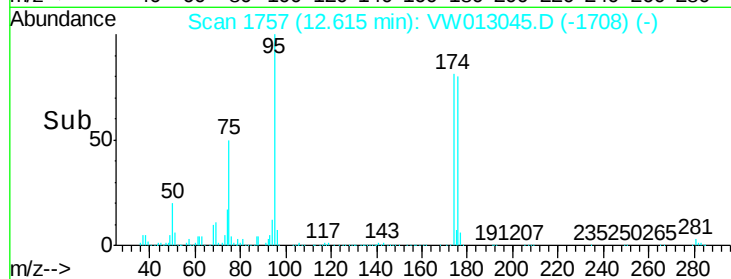
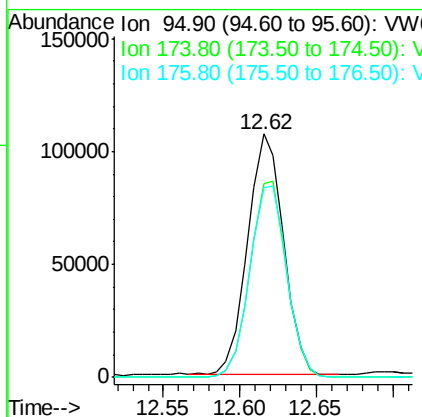
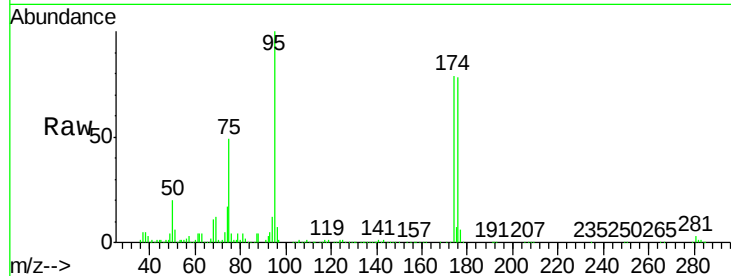




#62
4-Bromofluorobenzene
Concen: 49.141 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013045.D
Acq: 16 Sep 2019 16:50

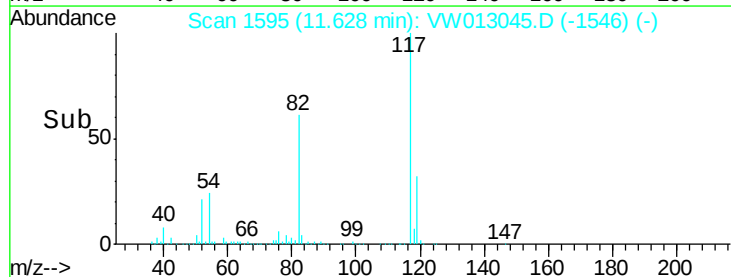
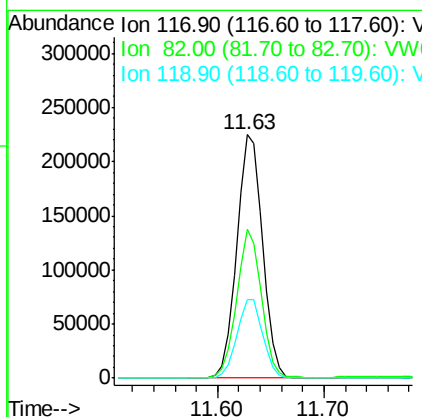
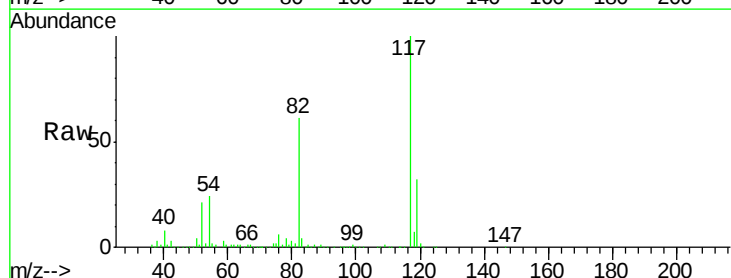
Instrument :
MSVOA_W
ClientSampleId :
AOC-7(-5)

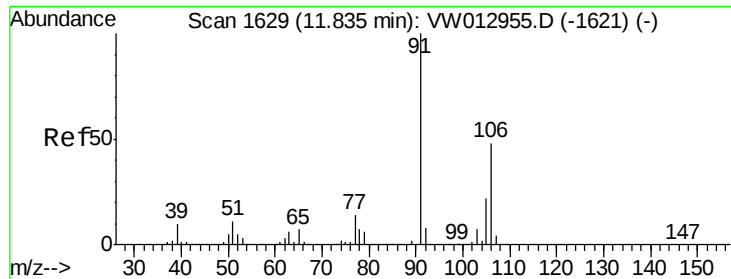
Tot Ion	Ratio	Lower	Upper
95	100		
174	82.6	0.0	170.4
176	82.7	0.0	164.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013045.D
Acq: 16 Sep 2019 16:50

Tgt Ion	Ratio	Lower	Upper
117	100		
82	61.0	46.3	69.5
119	32.5	26.2	39.4

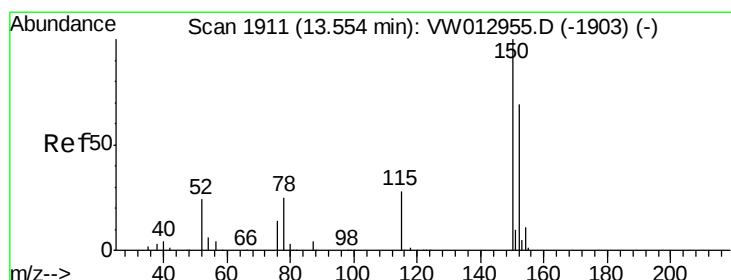
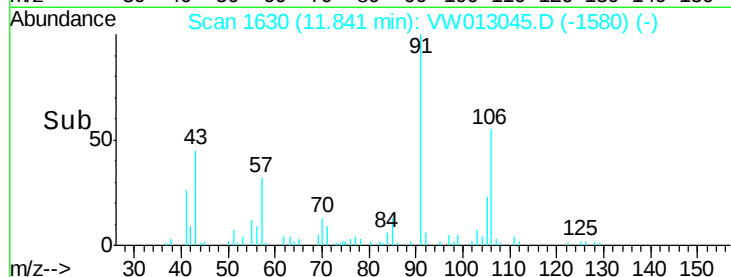
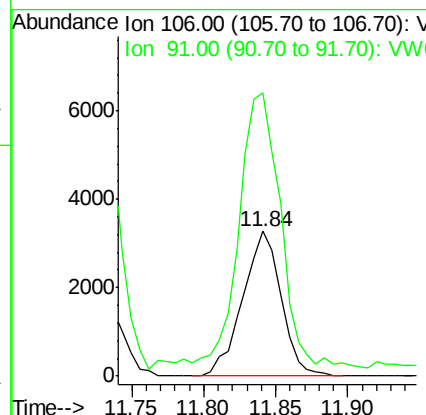
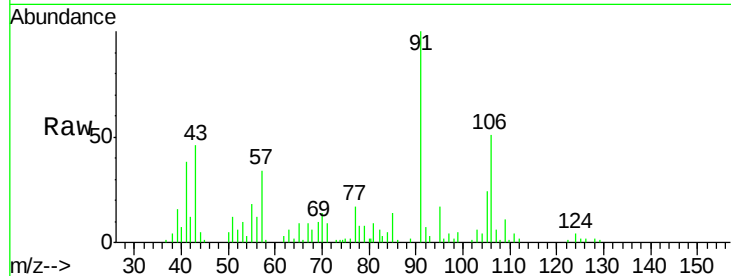




#68
m/p-Xvlenes
Concen: 1.322 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW013045.D
Acq: 16 Sep 2019 16:50

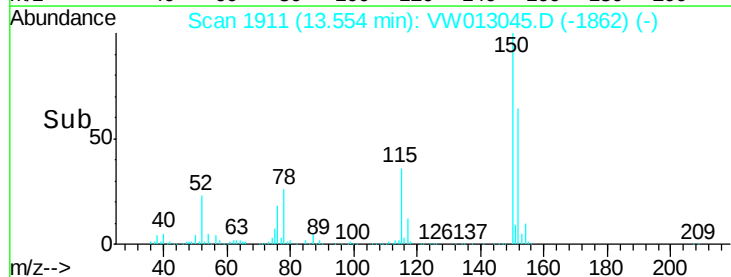
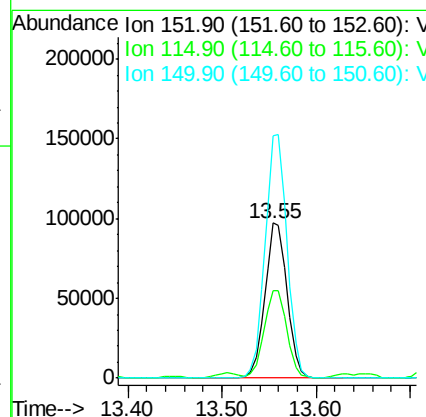
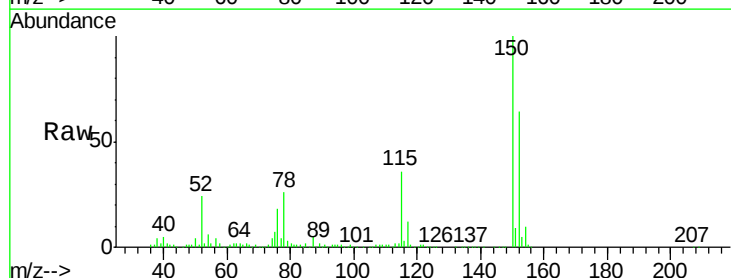
Instrument :
MSVOA_W
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AOC-7(5)

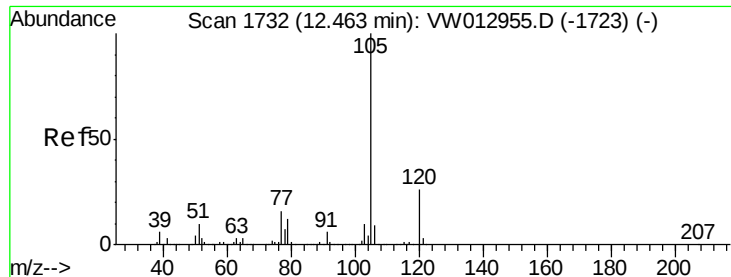
Tot Ion:106 Resp: 6073
Ion Ratio Lower Upper
106 100
91 206.9 165.8 248.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW013045.D
Acq: 16 Sep 2019 16:50

Tgt Ion:152 Resp: 160404
Ion Ratio Lower Upper
152 100
115 57.1 28.8 86.4
150 156.2 0.0 340.2





#73

Isopropylbenzene

Concen: 21.396 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013045.D

Acq: 16 Sep 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

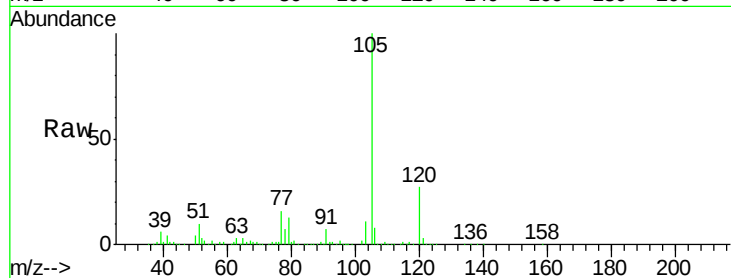
AOC-7(5)

Tot Ion:105 Resp: 227478

Ion Ratio Lower Upper

105 100

120 26.5 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

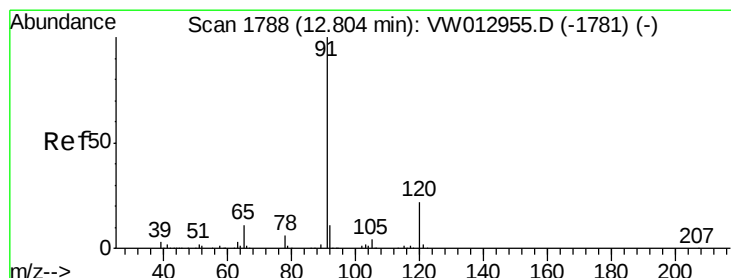
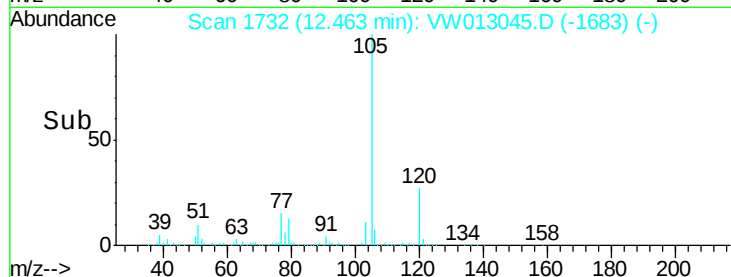
100000

50000

0

12.40 12.50

Time-->



#78

n-propylbenzene

Concen: 3.084 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW013045.D

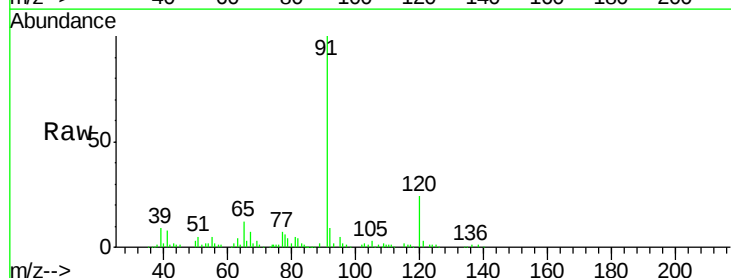
Acq: 16 Sep 2019 16:50

Tgt Ion: 91 Resp: 38575

Ion Ratio Lower Upper

91 100

120 22.9 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

30000

25000

20000

15000

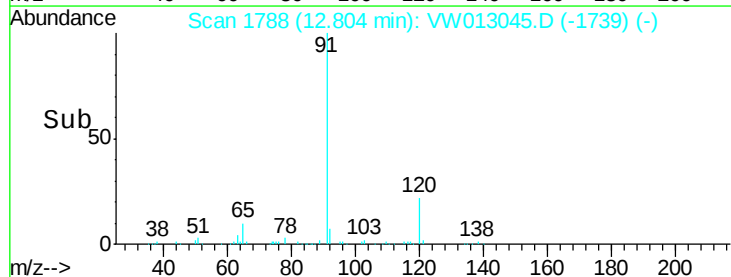
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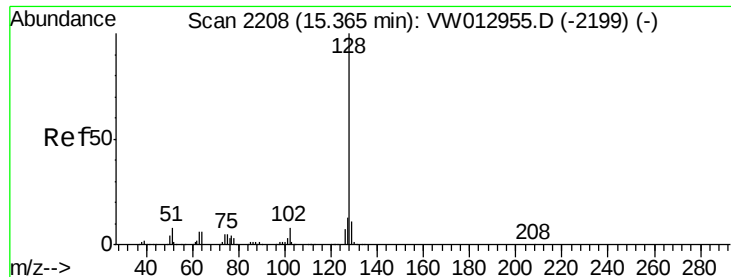
5000

0

12.75 12.80 12.85

Time-->





#95
Naphthalene
Concen: 5.179 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW013045.D
Acq: 16 Sep 2019 16:50

Instrument :
MSVOA_W
ClientSampleId :
AOC-7-(5)

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.0	11.0	16.6
129	12.6	8.6	12.8

