

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040419\
 Data File : VW009692.D
 Acq On : 04 Apr 2019 13:18
 Operator : SY/VA
 Sample : K2197-01
 Misc : 5.40G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-040219-A

Quant Time: Apr 05 08:18:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 29 13:24:53 2019
 Response via : Initial Calibration

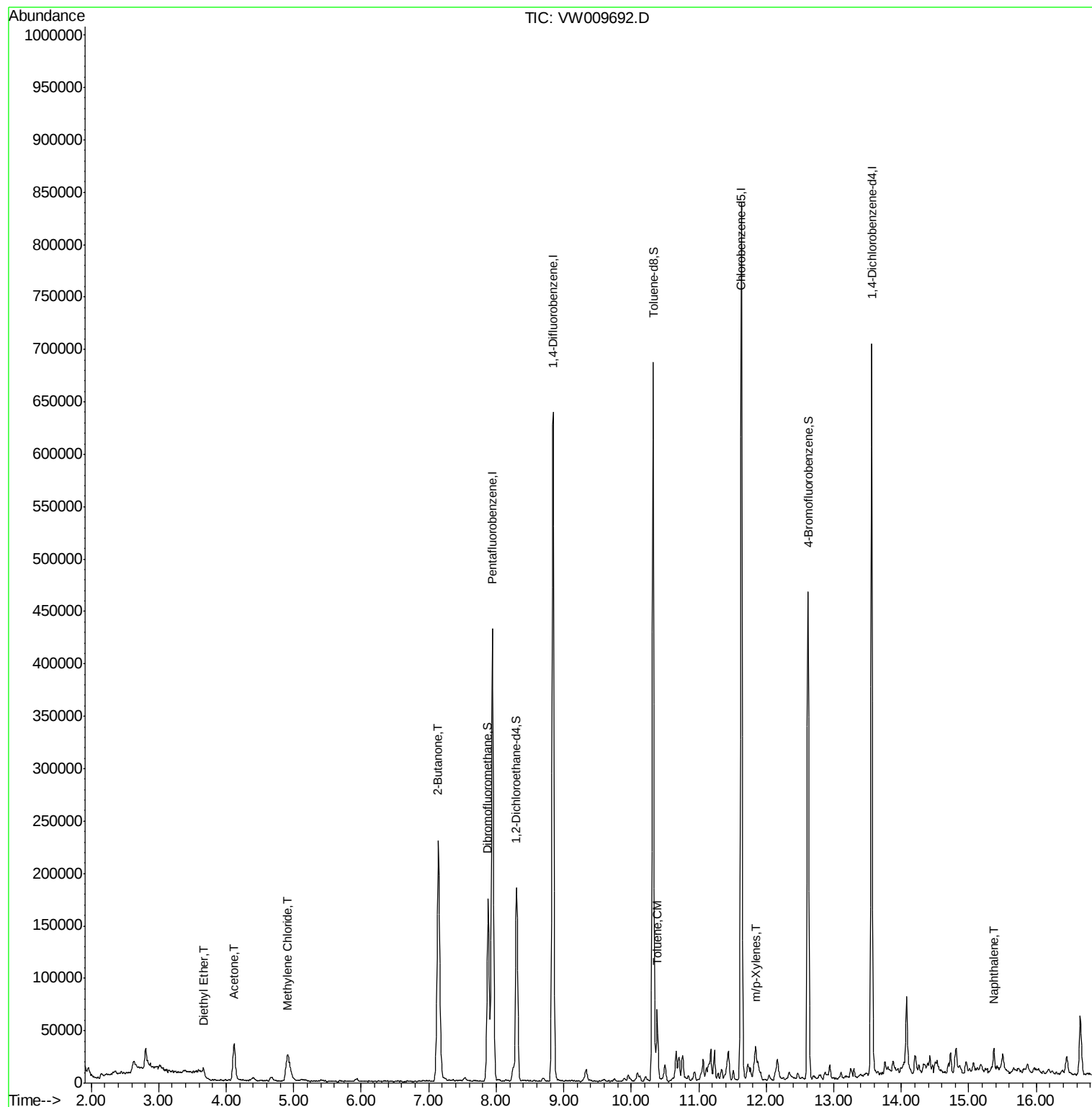
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	301372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	500193	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	432340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	165202	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	143884	41.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.50%	
35) Dibromofluoromethane	7.88	113	118168	37.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.22%	
50) Toluene-d8	10.32	98	402736	34.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.36%	
62) 4-Bromofluorobenzene	12.62	95	121506	28.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	56.10%	
Target Compounds						
8) Diethyl Ether	3.67	74	1911	1.228	ug/l	86
16) Acetone	4.12	43	63249	81.628	ug/l	91
20) Methylene Chloride	4.91	84	23524	4.184	ug/l	91
25) 2-Butanone	7.15	43	20741	19.371	ug/l #	75
52) Toluene	10.38	92	25612	2.918	ug/l	99
68) m/p-Xylenes	11.84	106	6219	1.021	ug/l	91
95) Naphthalene	15.37	128	17484m	5.306	ug/l	

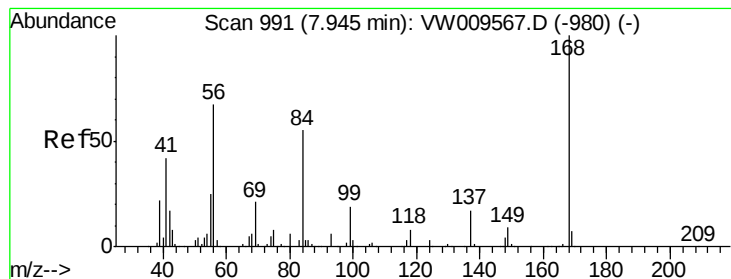
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 29 13:24:53 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: VW009692.D

Acq: 04 Apr 2019 13:18

Instrument :

MSVOA_W

ClientSampleId :

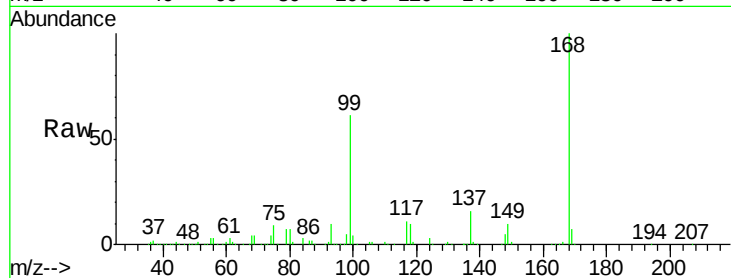
CL-02-040219-A

Tot Ion:168 Resp: 301372

Ion Ratio Lower Upper

168 100

99 61.0 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

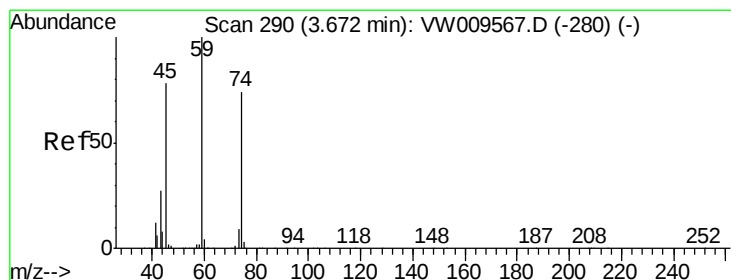
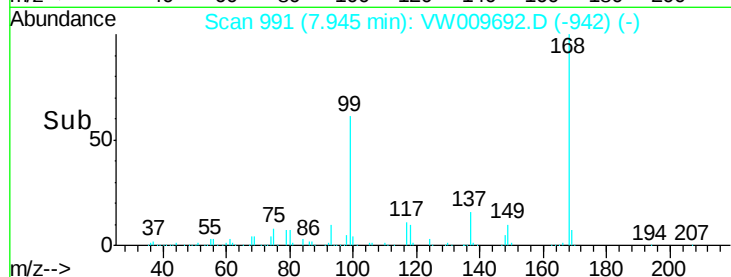
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.228 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VW009692.D

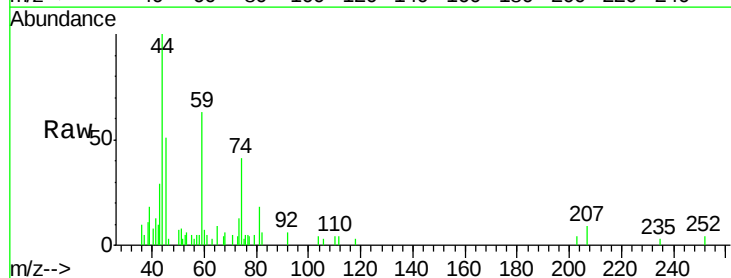
Acq: 04 Apr 2019 13:18

Tgt Ion: 74 Resp: 1911

Ion Ratio Lower Upper

74 100

45 115.2 50.6 151.9



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.67

1200

1000

800

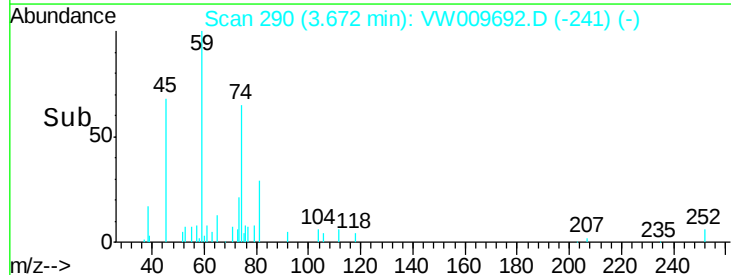
600

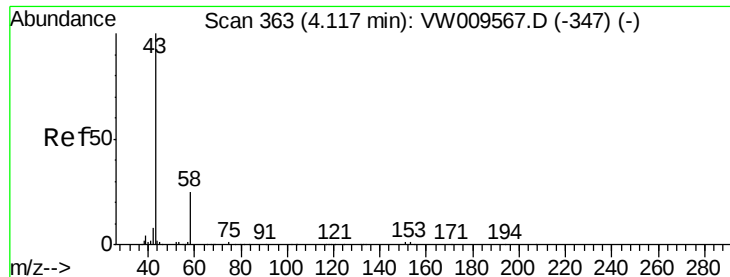
400

200

0

Time-->





#16

Acetone

Concen: 81.628 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW009692.D

Acq: 04 Apr 2019 13:18

Instrument :

MSVOA_W

ClientSampleId :

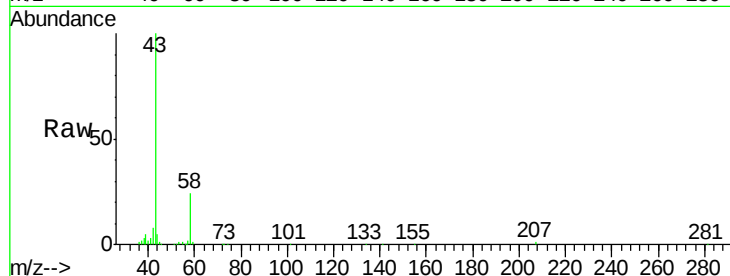
CL-02-040219-A

Tot Ion: 43 Resp: 63249

Ion Ratio Lower Upper

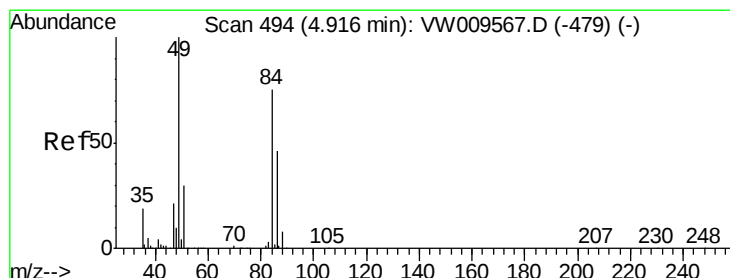
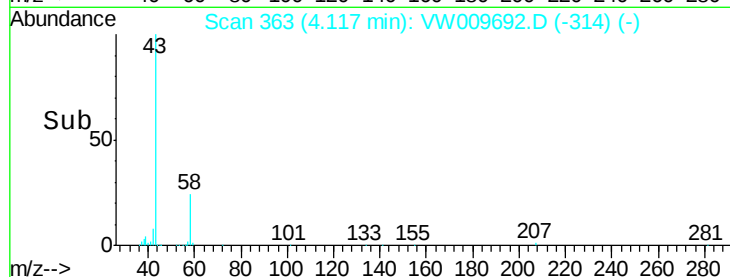
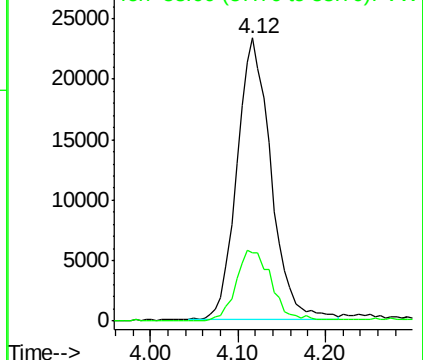
43 100

58 24.5 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 4.184 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW009692.D

Acq: 04 Apr 2019 13:18

Tgt Ion: 84 Resp: 23524

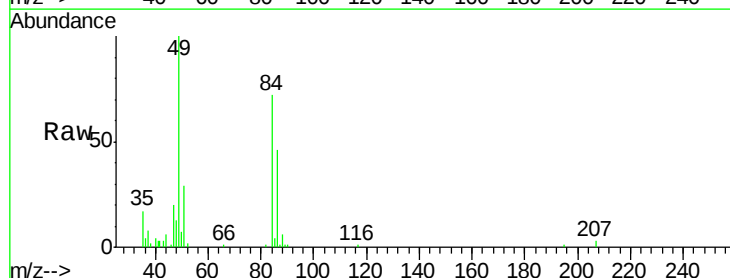
Ion Ratio Lower Upper

84 100

49 137.9 99.1 148.7

51 40.0 28.7 43.1

86 64.7 50.5 75.7

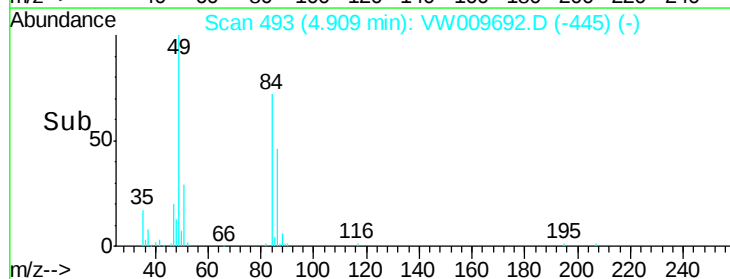
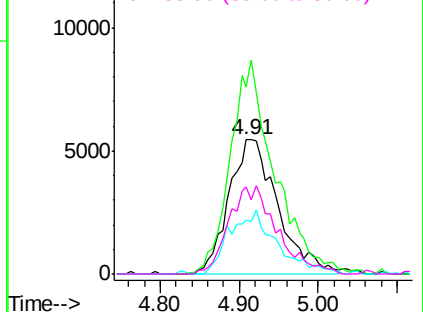


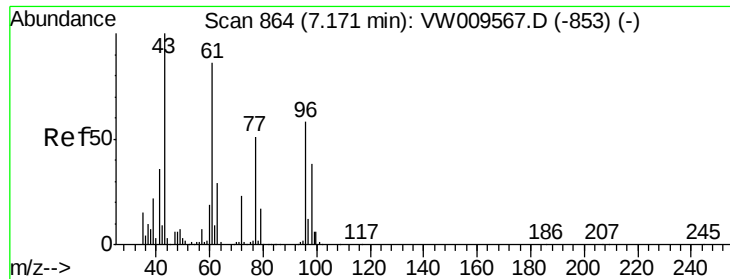
Abundance Ion 83.90 (83.60 to 84.60): VW

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: 19.371 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW009692.D

Acq: 04 Apr 2019 13:18

Instrument :

MSVOA_W

ClientSampleId :

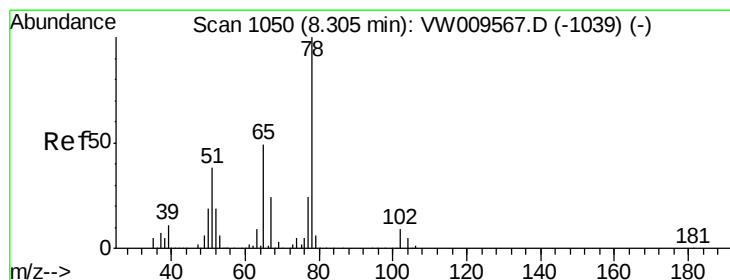
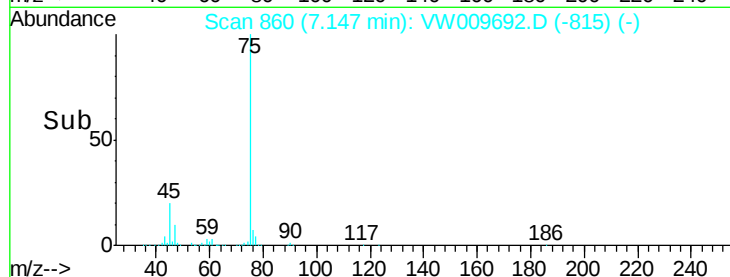
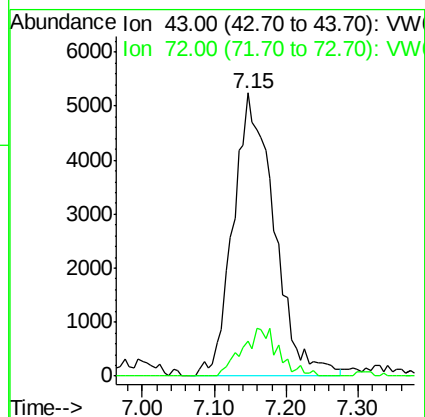
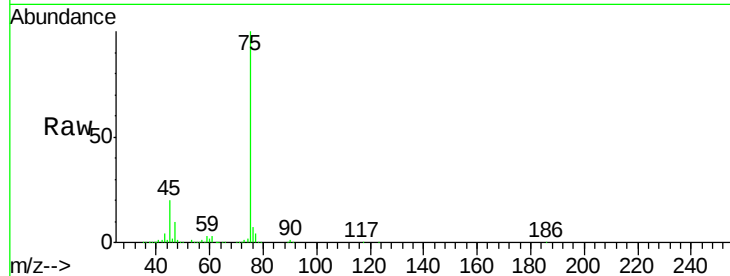
CL-02-040219-A

Tot Ion: 43 Resp: 20741

Ion Ratio Lower Upper

43 100

72 12.5 20.0 30.0#



#33

1,2-Dichloroethane-d4

Concen: 41.750 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW009692.D

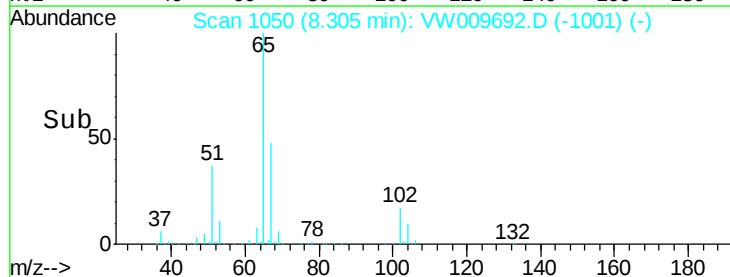
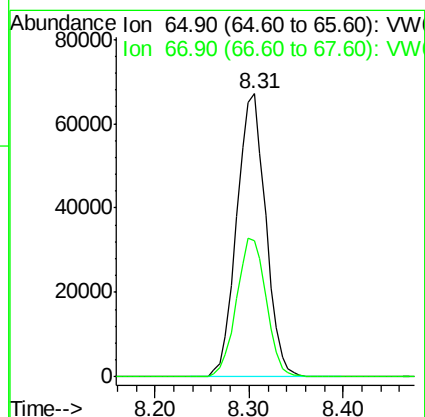
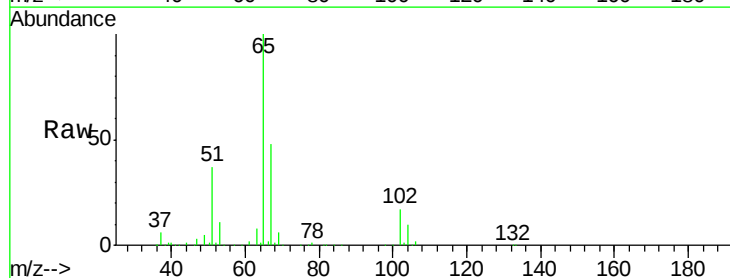
Acq: 04 Apr 2019 13:18

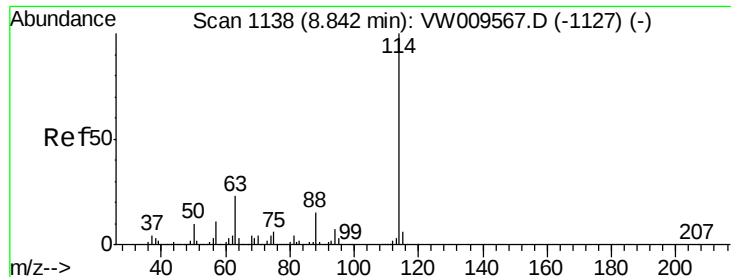
Tgt Ion: 65 Resp: 143884

Ion Ratio Lower Upper

65 100

67 50.3 0.0 102.4

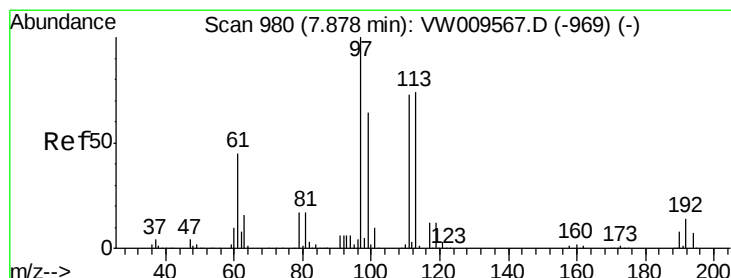
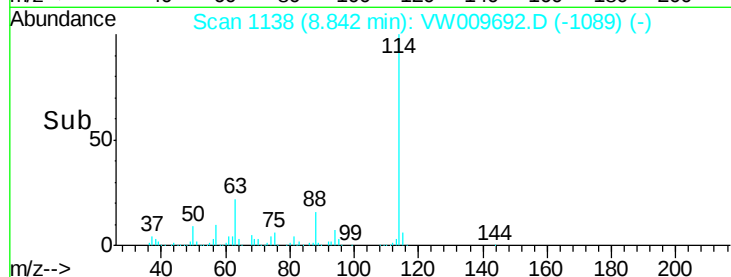
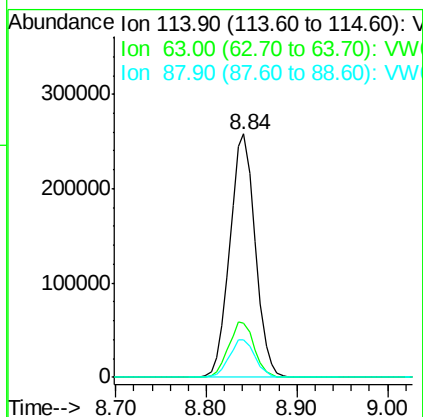
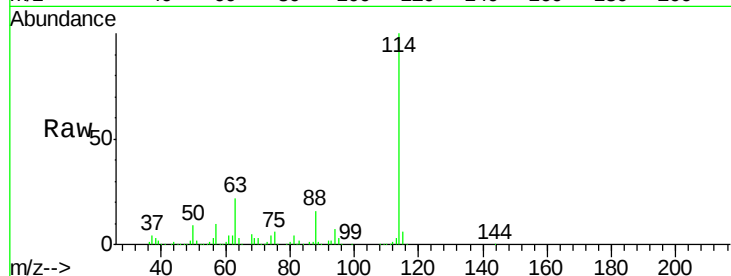




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW009692.D
Acq: 04 Apr 2019 13:18

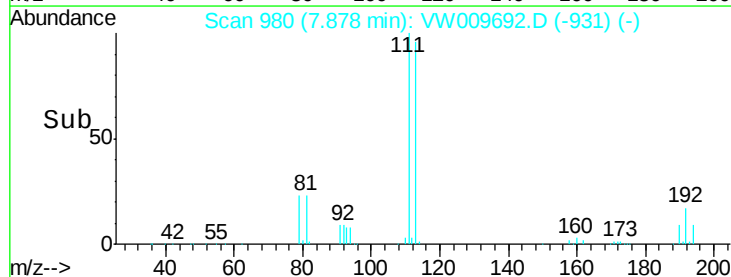
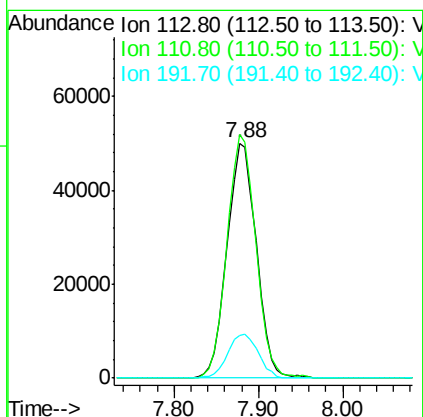
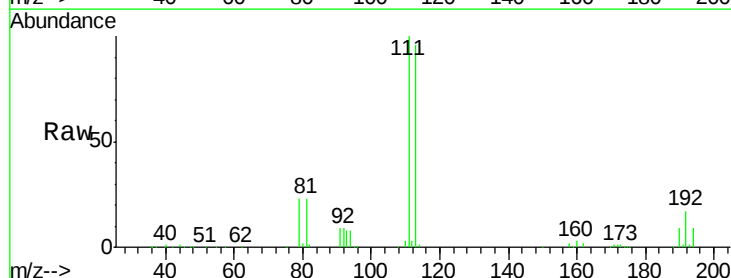
Instrument :
MSVOA_W
ClientSampleId :
CL-02-040219-A

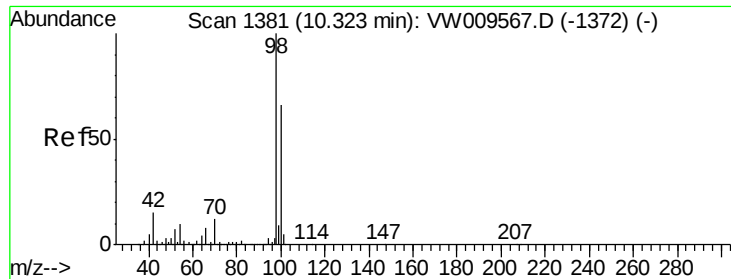
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	42.2
88	15.7	0.0	30.8



#35
Dibromofluoromethane
Concen: 37.614 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW009692.D
Acq: 04 Apr 2019 13:18

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	124.0
192	19.5	16.4	24.6

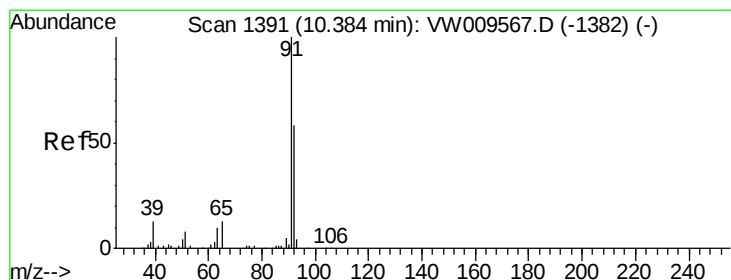
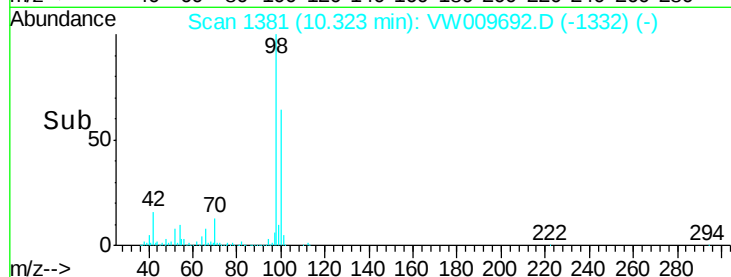
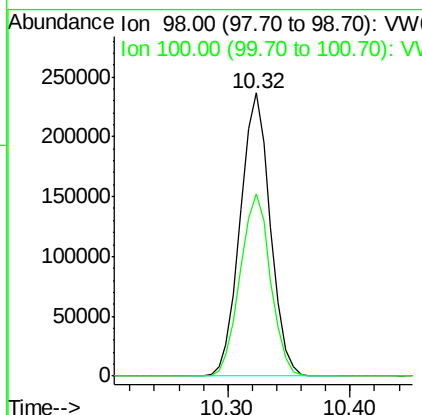
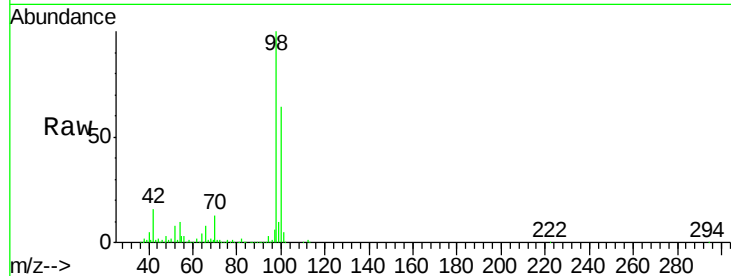




#50
Toluene-d8
Concen: 34.684 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW009692.D
Acq: 04 Apr 2019 13:18

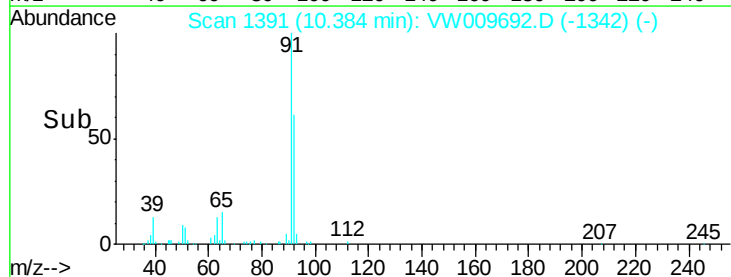
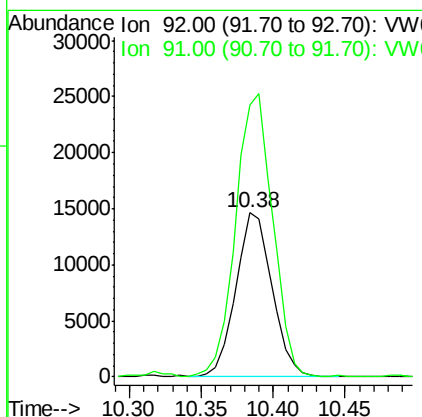
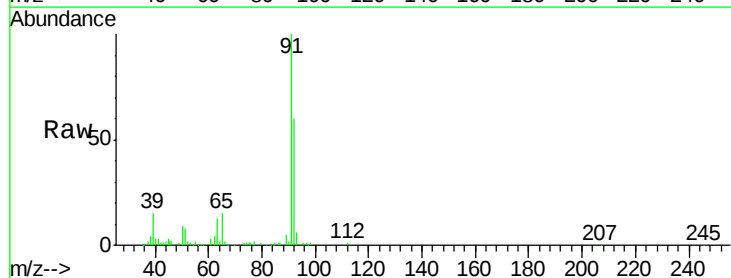
Instrument :
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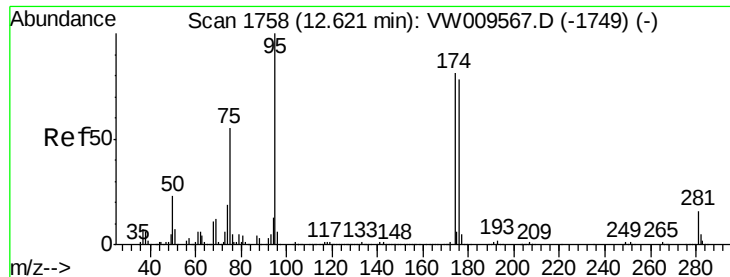
Tot Ion: 98 Resp: 402736
Ion Ratio Lower Upper
98 100
100 65.1 52.6 79.0



#52
Toluene
Concen: 2.918 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW009692.D
Acq: 04 Apr 2019 13:18

Tgt Ion: 92 Resp: 25612
Ion Ratio Lower Upper
92 100
91 176.0 140.1 210.1





#62

4-Bromofluorobenzene

Concen: 28.050 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW009692.D

Acq: 04 Apr 2019 13:18

Instrument :

MSVOA_W

ClientSampleId :

CL-02-040219-A

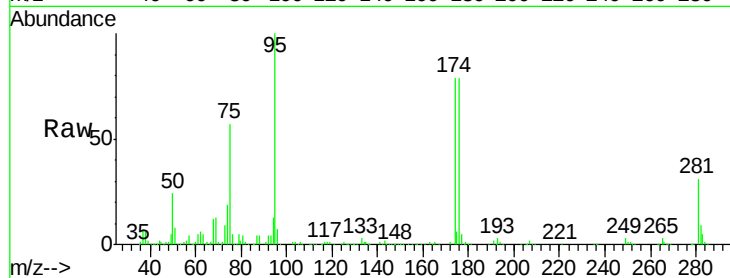
Tot Ion: 95 Resp: 121506

Ion Ratio Lower Upper

95 100

174 77.7 0.0 168.4

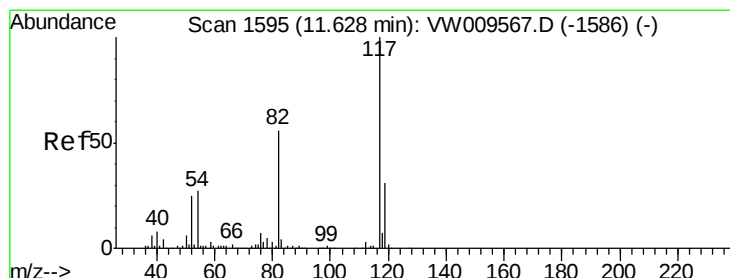
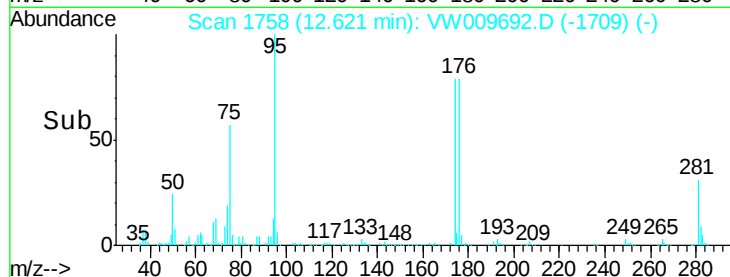
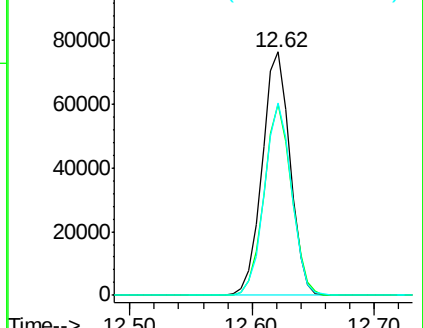
176 76.6 0.0 161.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.01 min

Lab File: VW009692.D

Acq: 04 Apr 2019 13:18

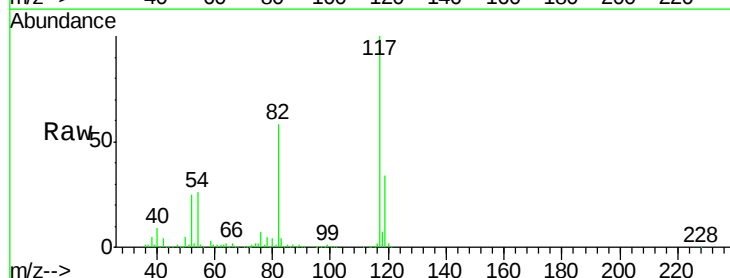
Tgt Ion: 117 Resp: 432340

Ion Ratio Lower Upper

117 100

82 57.7 43.6 65.4

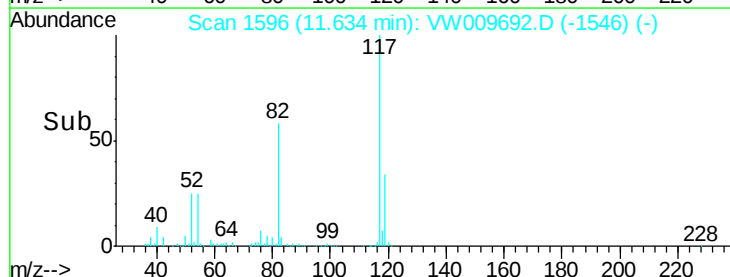
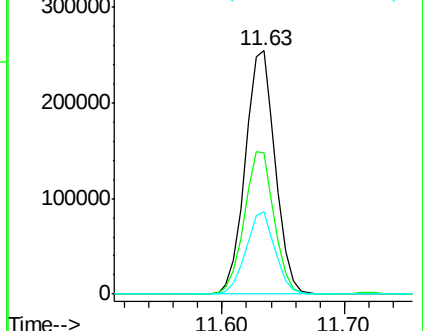
119 33.8 26.0 39.0

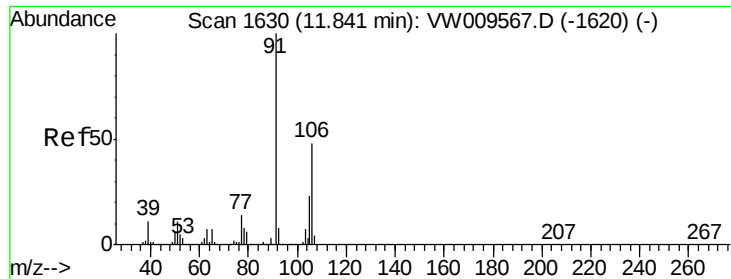


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

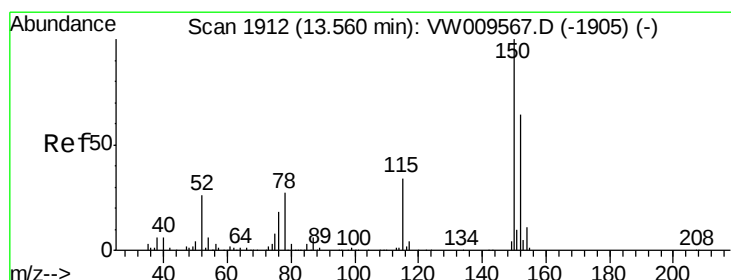
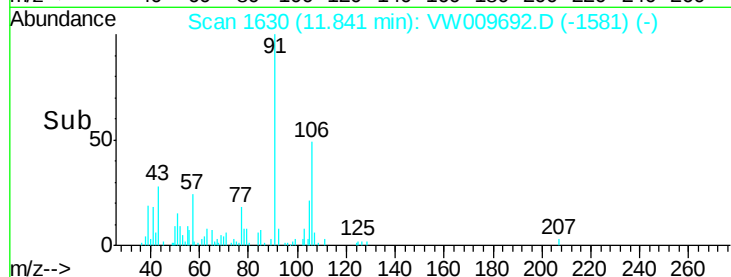
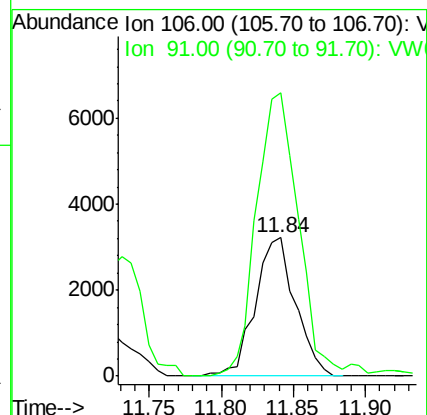
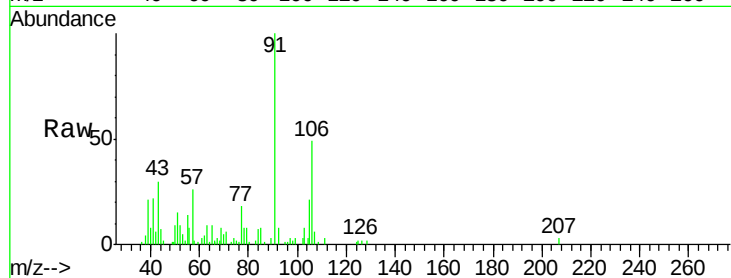




#68
m/p-Xvlenes
Concen: 1.021 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW009692.D
Acq: 04 Apr 2019 13:18

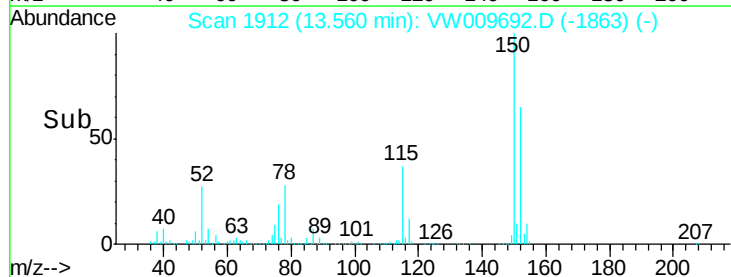
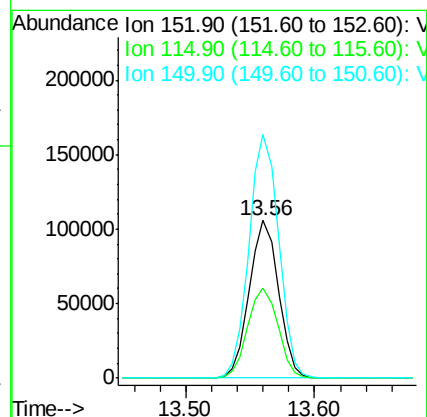
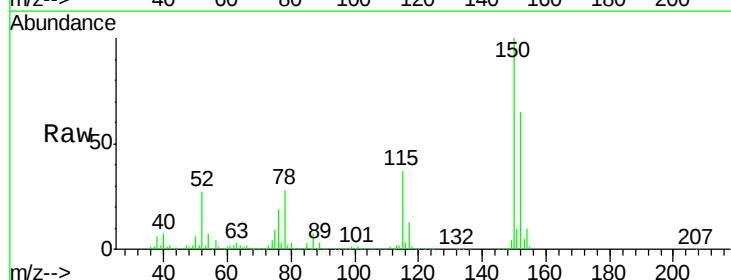
Instrument :
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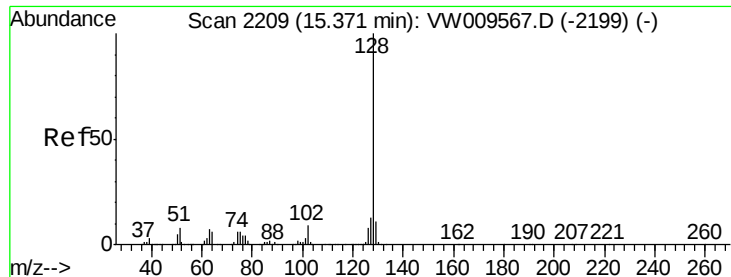
Tot Ion:106 Resp: 6219
Ion Ratio Lower Upper
106 100
91 217.3 163.1 244.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW009692.D
Acq: 04 Apr 2019 13:18

Tgt Ion:152 Resp: 165202
Ion Ratio Lower Upper
152 100
115 59.2 29.6 88.8
150 156.4 0.0 349.2





#95

Naphthalene

Concen: 5.306 ug/l m

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW009692.D

Acq: 04 Apr 2019 13:18

Instrument :

MSVOA_W

ClientSampleId :

CL-02-040219-A

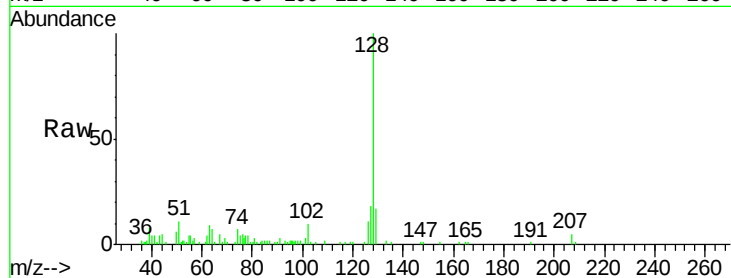
Tot Ion:128 Resp: 17484

Ion Ratio Lower Upper

128 100

127 0.0 10.8 16.2#

129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

