

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112219\
 Data File : VD064348.D
 Acq On : 22 Nov 2019 15:34
 Operator : VA/SY
 Sample : K5977-01
 Misc : 5.25G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WS-112119-0-1-GRAB-B1

Quant Time: Nov 23 03:27:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

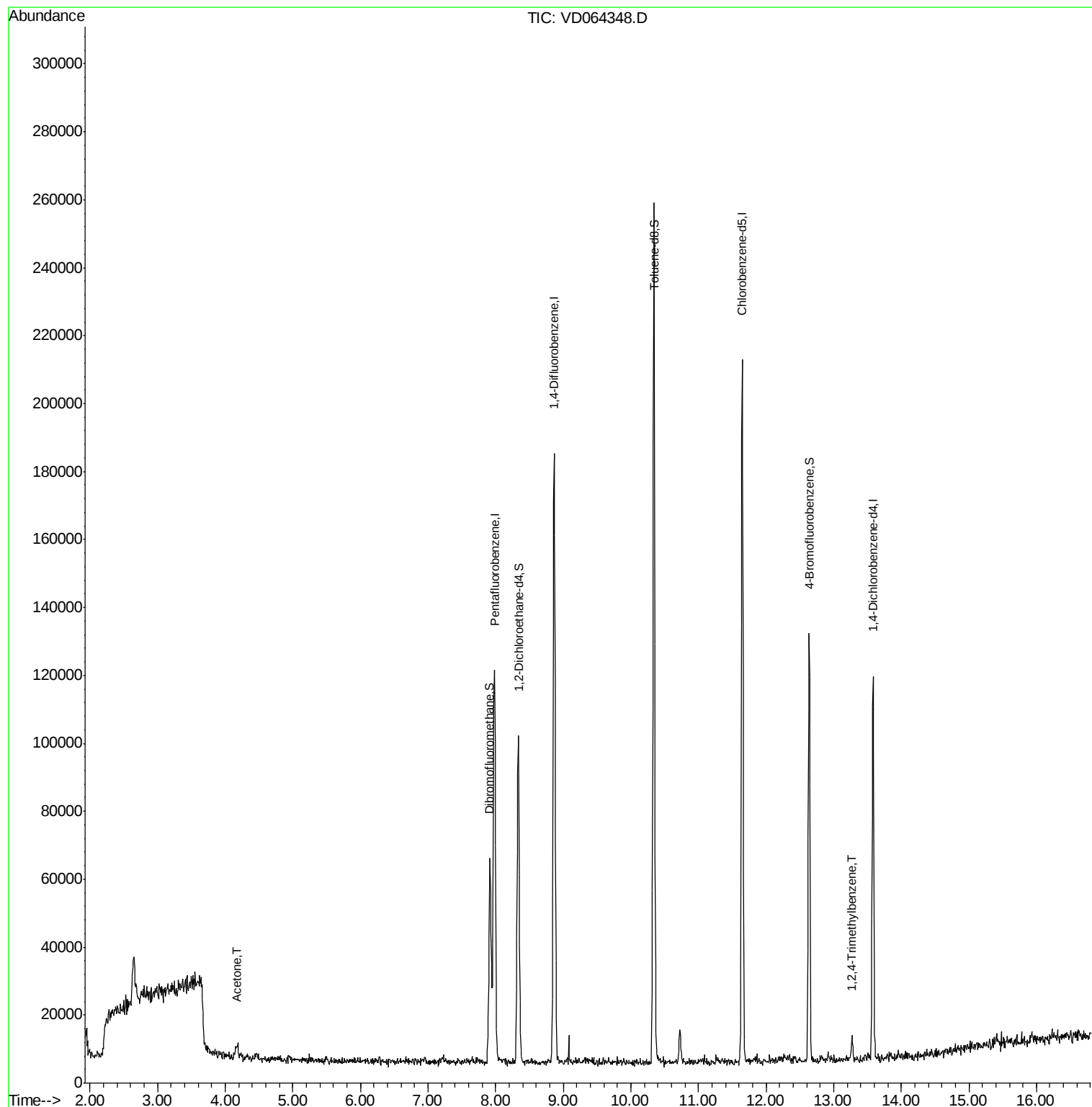
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	95210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	155114	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	116996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	30733	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	76981	98.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	196.62%	
35) Dibromofluoromethane	7.92	113	40380	45.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.70%	
50) Toluene-d8	10.34	98	169690	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
62) 4-Bromofluorobenzene	12.64	95	37752	32.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.92%	
Target Compounds						
16) Acetone	4.17	43	7293	39.314	ug/l	89
84) 1,2,4-Trimethylbenzene	13.27	105	4131	2.257	ug/l	87

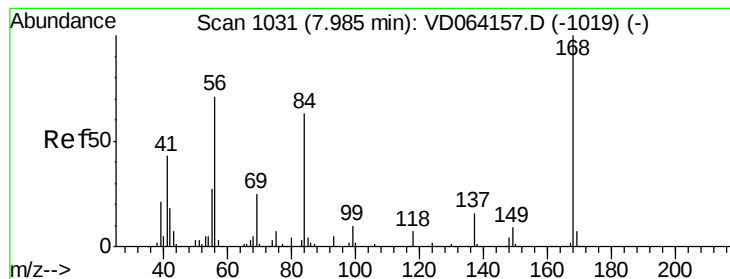
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

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MSVOA_D

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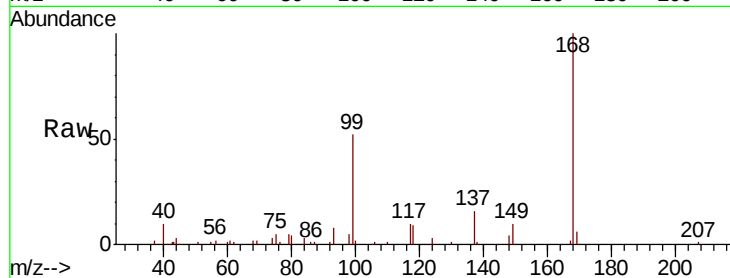
WS-112119-0-1-GRAB-B1

Tot Ion:168 Resp: 95210

Ion Ratio Lower Upper

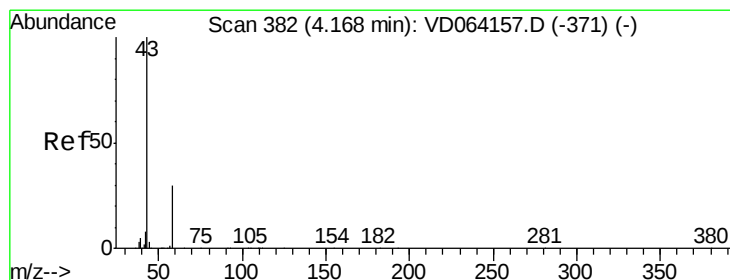
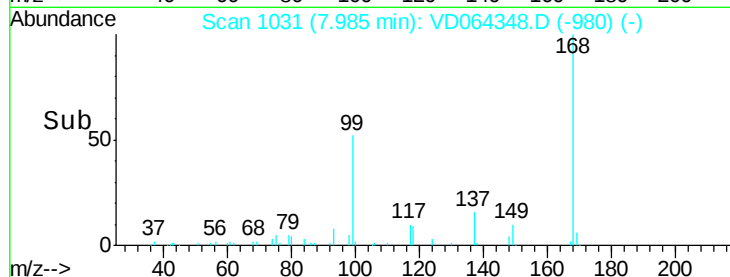
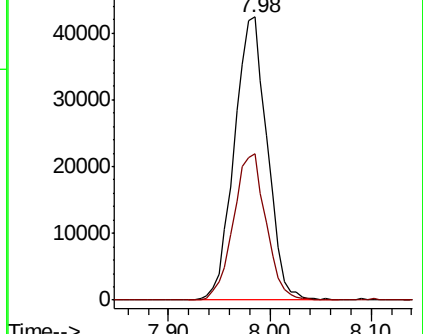
168 100

99 51.5 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 39.314 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064348.D

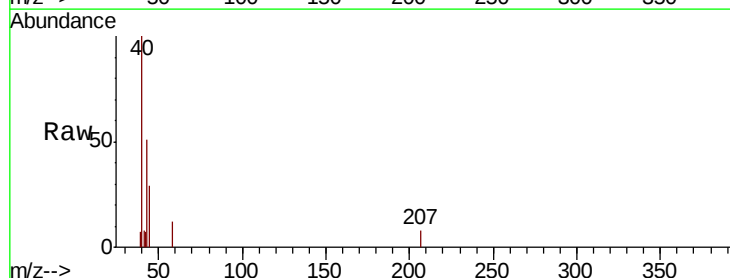
Acq: 22 Nov 2019 15:34

Tgt Ion: 43 Resp: 7293

Ion Ratio Lower Upper

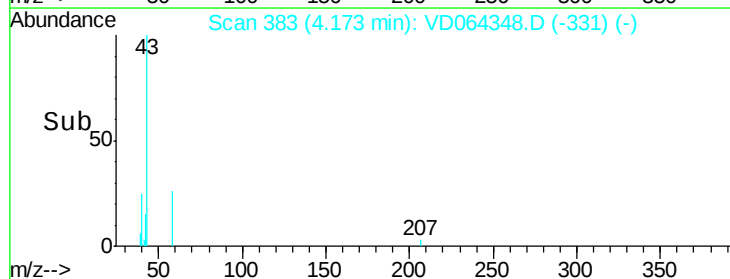
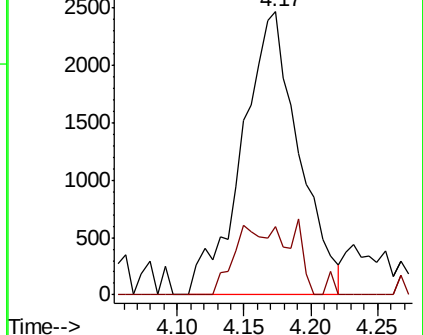
43 100

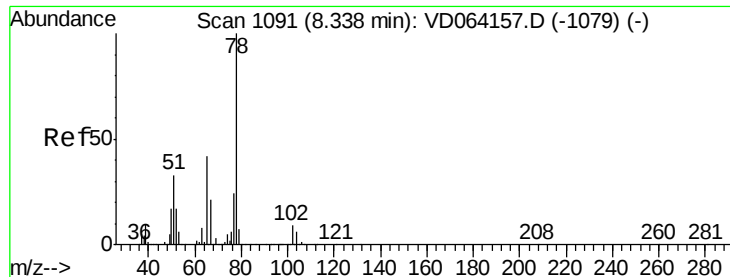
58 24.1 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 98.310 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064348.D

Acq: 22 Nov 2019 15:34

Instrument :

MSVOA_D

ClientSampleId :

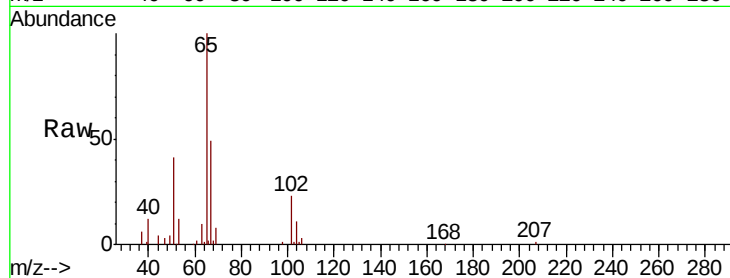
WS-112119-0-1-GRAB-B1

Tot Ion: 65 Resp: 76981

Ion Ratio Lower Upper

65 100

67 50.9 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

40000

30000

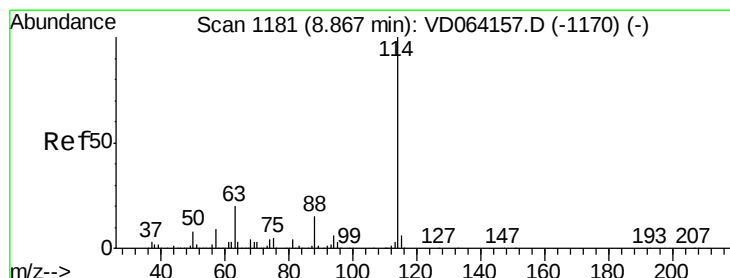
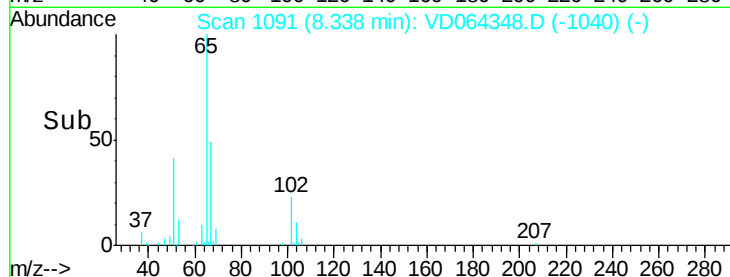
20000

10000

0

8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD064348.D

Acq: 22 Nov 2019 15:34

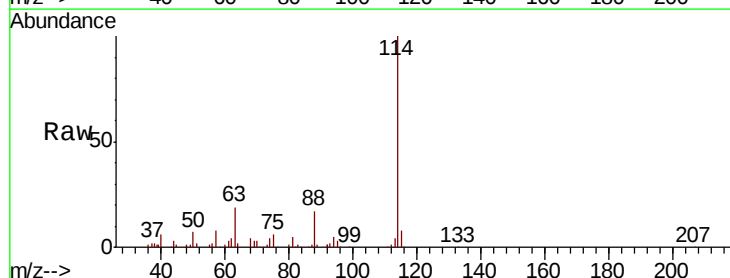
Tgt Ion: 114 Resp: 155114

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

88 16.9 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

100000

80000

60000

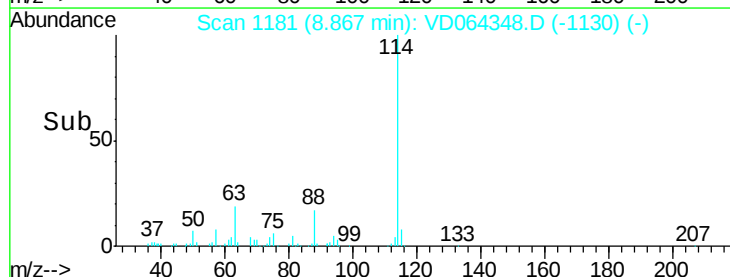
40000

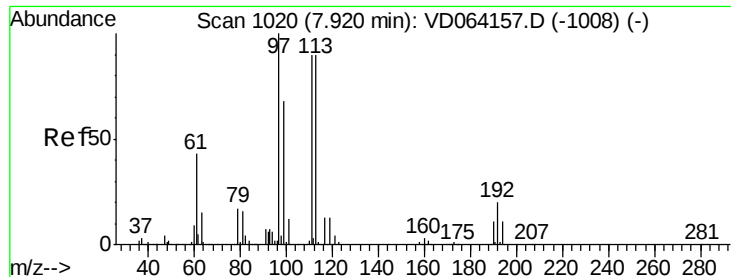
20000

0

8.80 8.90

Time-->

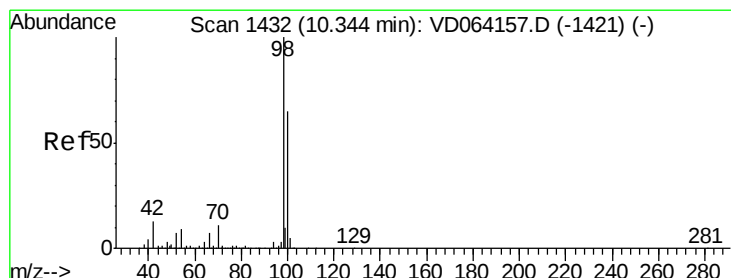
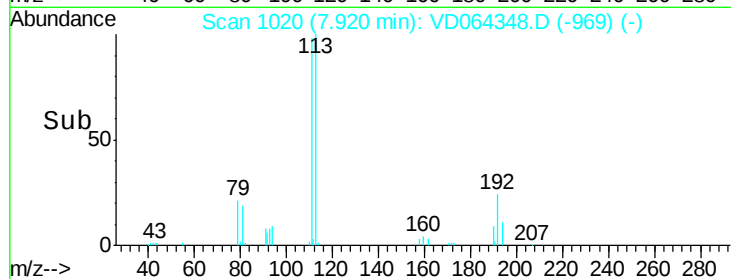
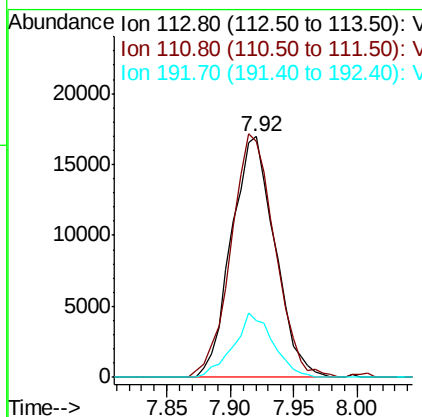
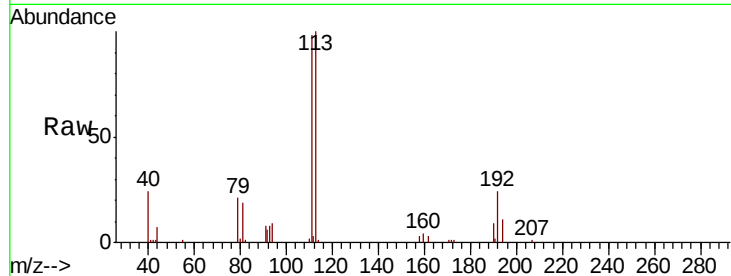




#35
 Dibromofluoromethane
 Concen: 45.351 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064348.D
 Acq: 22 Nov 2019 15:34

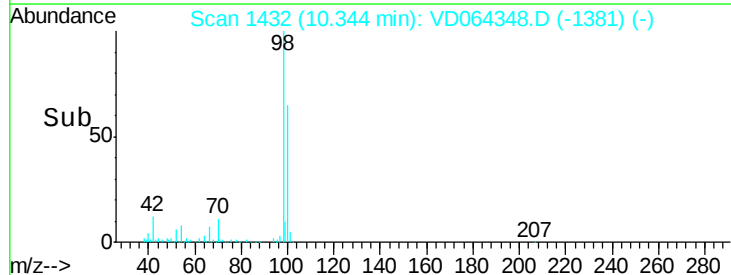
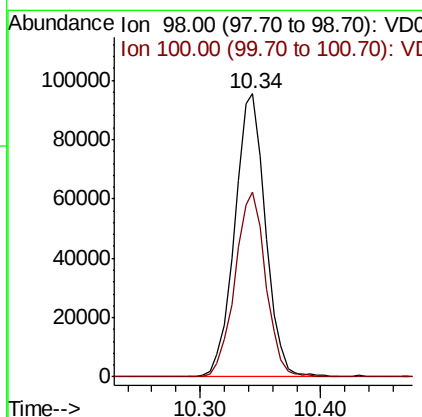
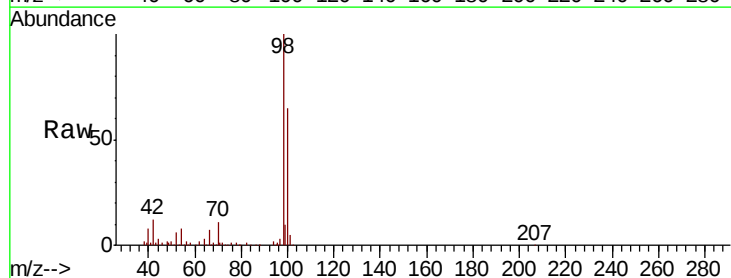
Instrument :
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 WS-112119-0-1-GRAB-B1

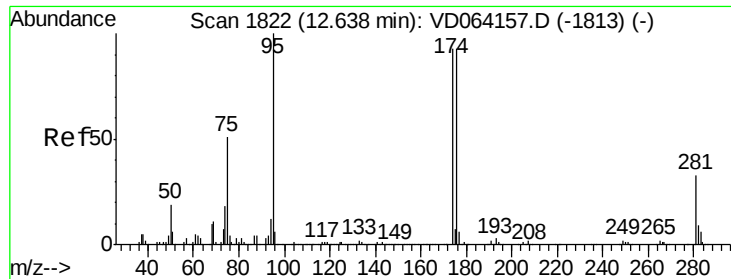
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.5	122.3
192	24.3	18.8	28.2



#50
 Toluene-d8
 Concen: 50.520 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD064348.D
 Acq: 22 Nov 2019 15:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.6	78.8





#62

4-Bromofluorobenzene

Concen: 32.455 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064348.D

Acq: 22 Nov 2019 15:34

Instrument :

MSVOA_D

ClientSampleId :

WS-112119-0-1-GRAB-B1

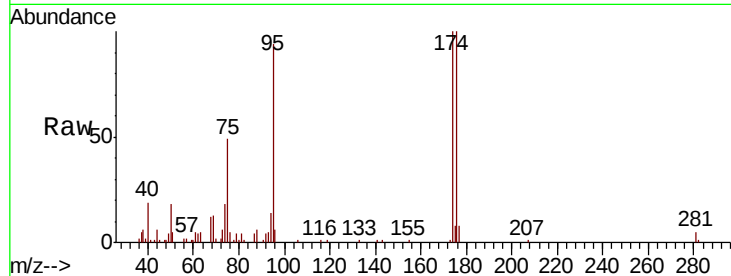
Tot Ion: 95 Resp: 37752

Ion Ratio Lower Upper

95 100

174 98.9 0.0 183.6

176 95.2 0.0 180.2



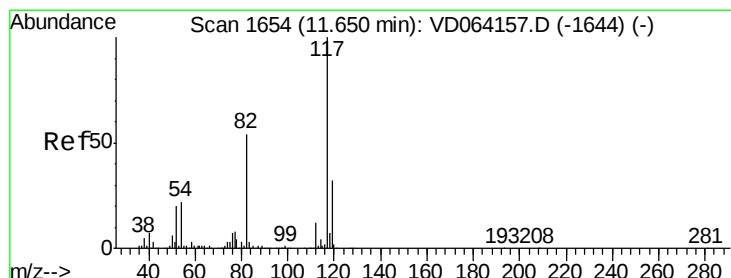
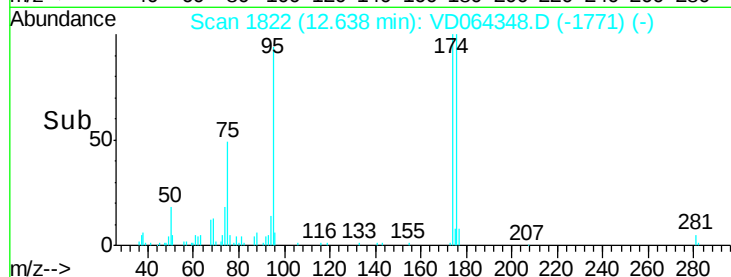
Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.64

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD064348.D

Acq: 22 Nov 2019 15:34

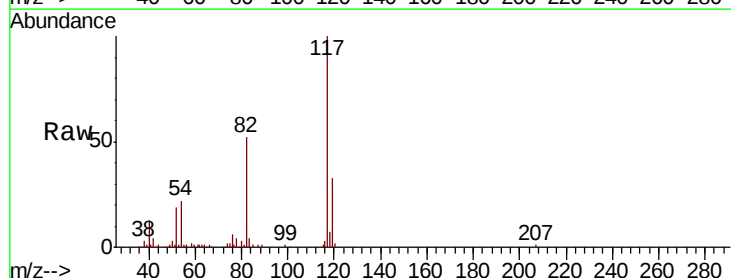
Tgt Ion: 117 Resp: 116996

Ion Ratio Lower Upper

117 100

82 52.1 42.8 64.2

119 33.1 25.6 38.4



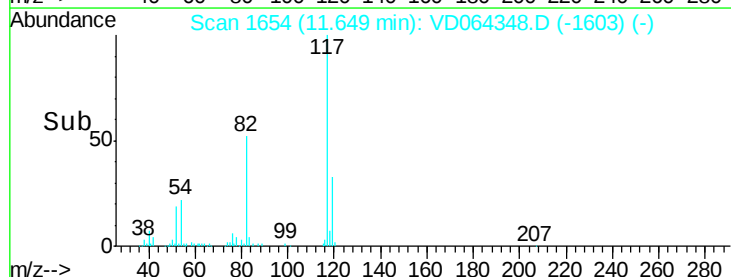
Abundance Ion 116.90 (116.60 to 117.60): V

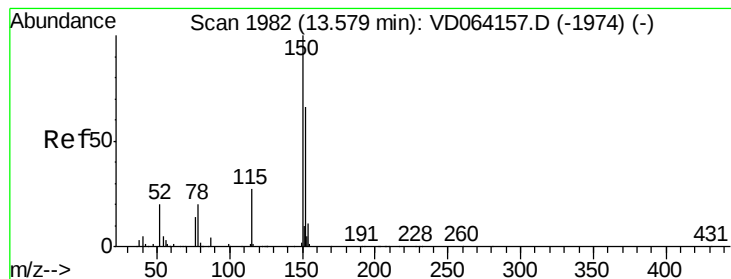
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

11.65

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD064348.D

Acq: 22 Nov 2019 15:34

Instrument :

MSVOA_D

ClientSampleId :

WS-112119-0-1-GRAB-B1

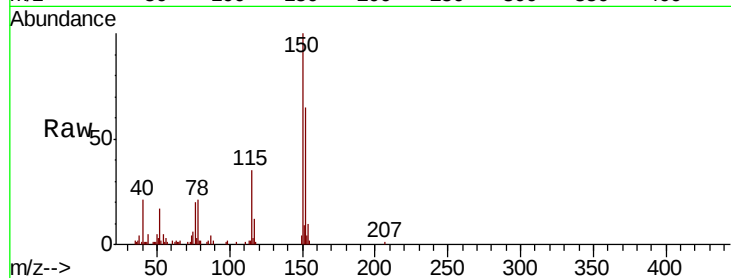
Tot Ion:152 Resp: 30733

Ion Ratio Lower Upper

152 100

115 54.0 27.4 82.2

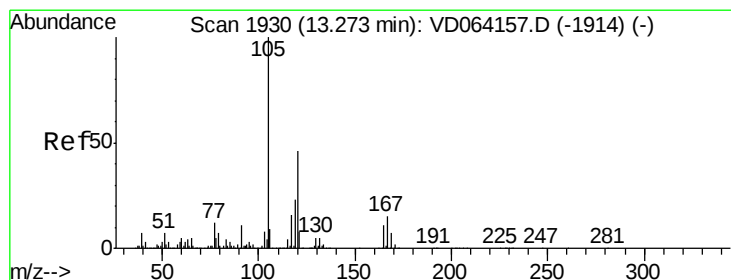
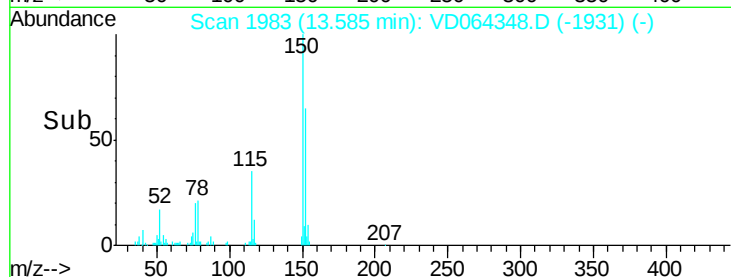
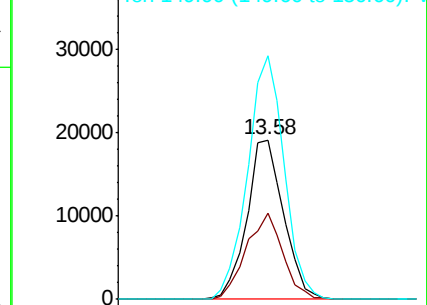
150 151.7 0.0 351.6



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



#84

1,2,4-Trimethylbenzene

Concen: 2.257 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.00 min

Lab File: VD064348.D

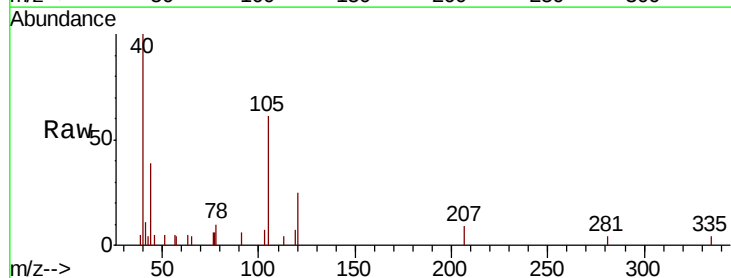
Acq: 22 Nov 2019 15:34

Tgt Ion:105 Resp: 4131

Ion Ratio Lower Upper

105 100

120 38.0 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

