

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD103019\
 Data File : VD064119.D
 Acq On : 30 Oct 2019 18:25
 Operator : VA/SY
 Sample : K5602-04
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20190941-AMENDED-COMPOSITE-

Quant Time: Oct 31 04:53:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D102919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 08:00:10 2019
 Response via : Initial Calibration

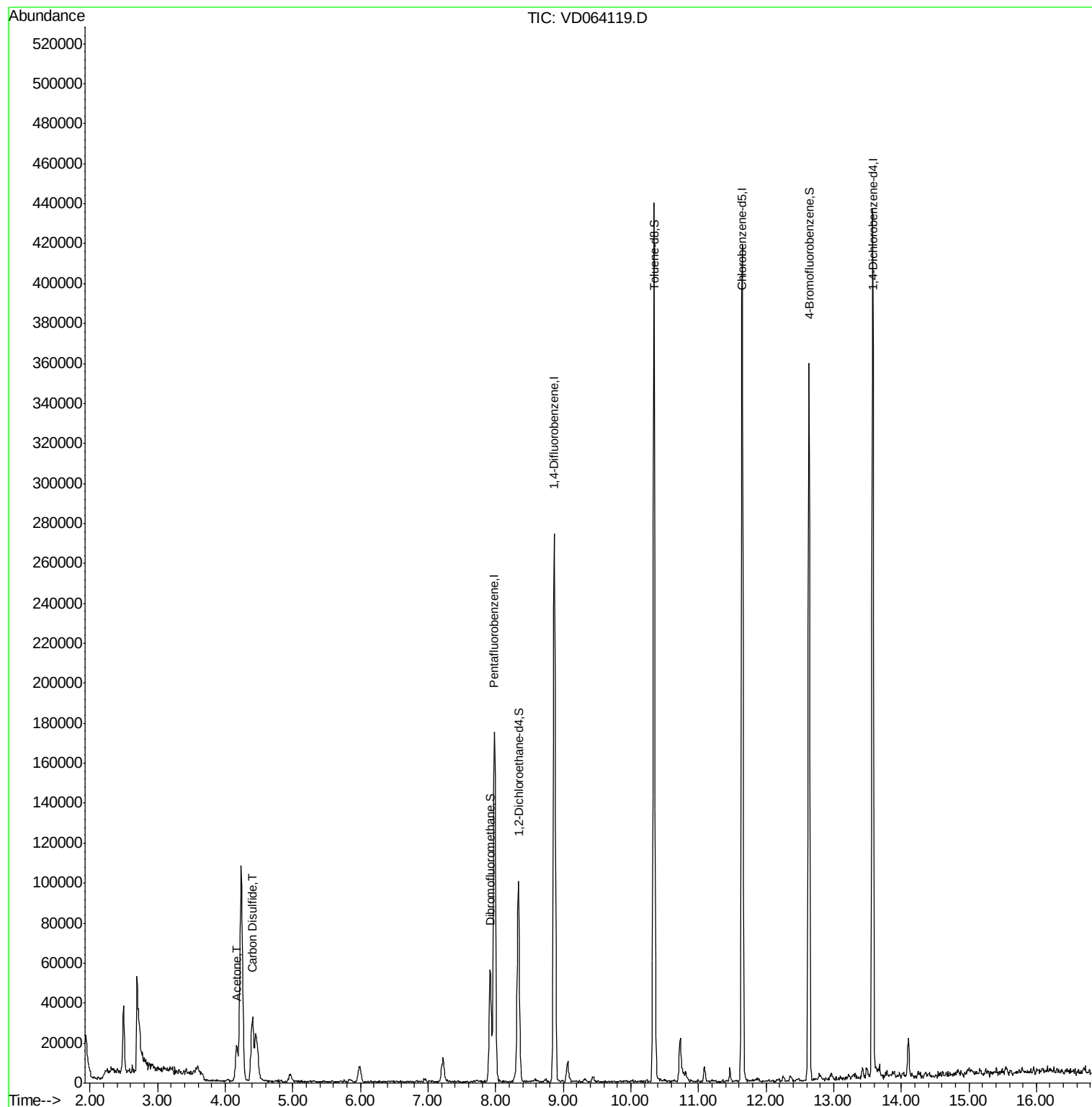
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	143011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	249385	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	250088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	118225	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	80117	70.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	140.88%	
35) Dibromofluoromethane	7.91	113	38790	25.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	50.56%	
50) Toluene-d8	10.34	98	304433	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
62) 4-Bromofluorobenzene	12.64	95	101847	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
Target Compounds						
16) Acetone	4.17	43	32530	150.318	ug/l	89
17) Carbon Disulfide	4.40	76	68192	17.888	ug/l	97

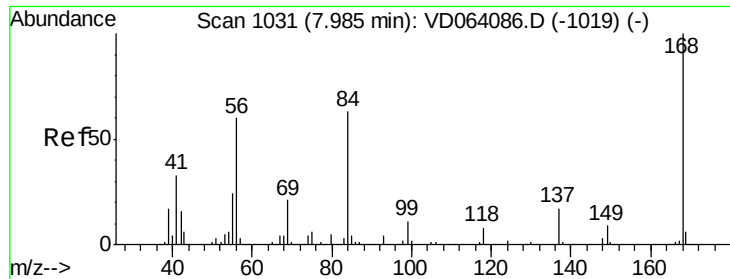
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064119.D

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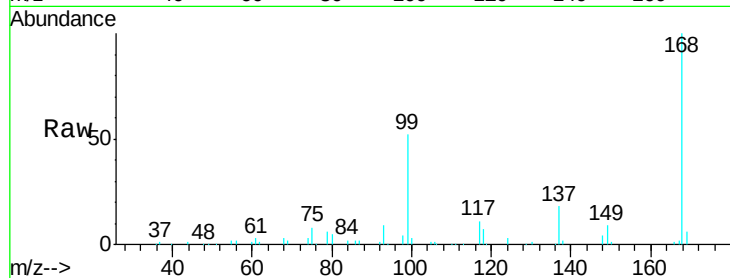
20190941-AMENDED-COMPOSITE-

Tgt Ion:168 Resp: 143011

Ion Ratio Lower Upper

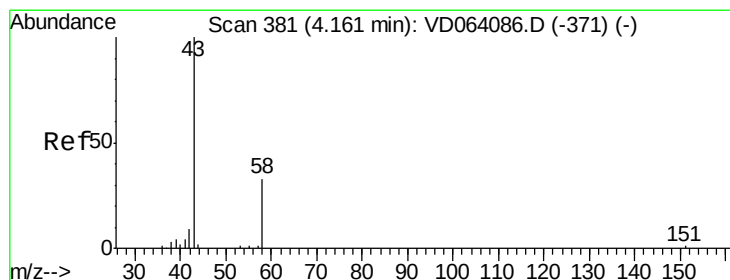
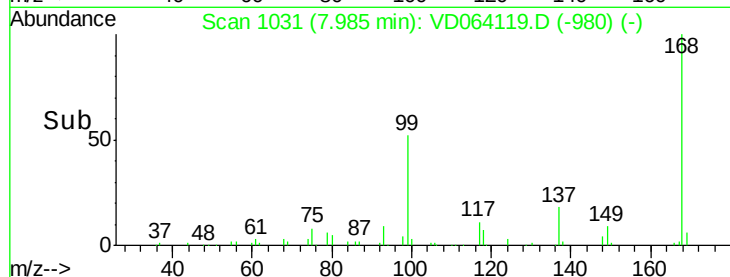
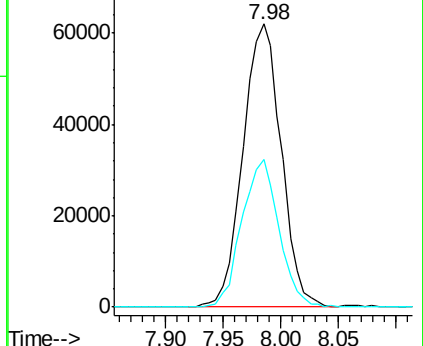
168 100

99 52.2 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 150.318 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064119.D

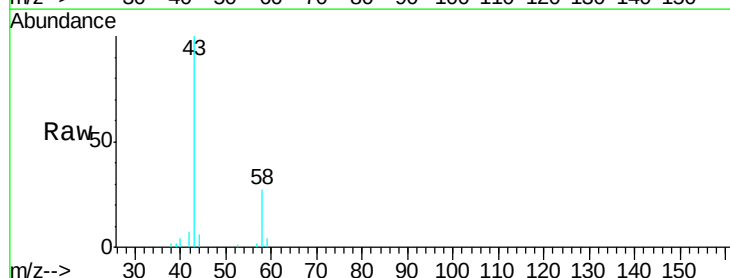
Acq: 30 Oct 2019 18:25

Tgt Ion: 43 Resp: 32530

Ion Ratio Lower Upper

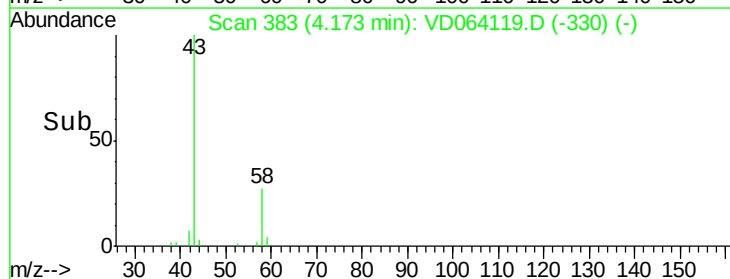
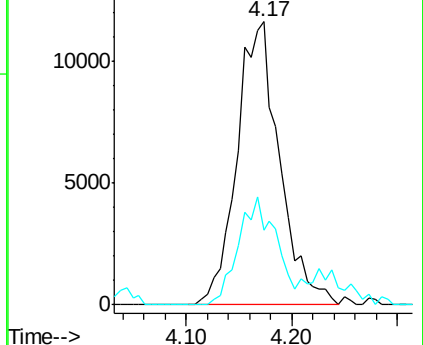
43 100

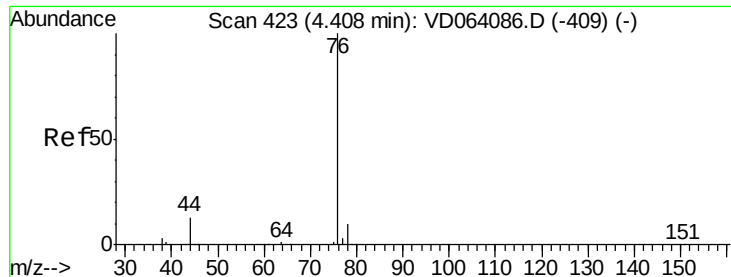
58 26.6 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 17.888 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD064119.D

Acq: 30 Oct 2019 18:25

Instrument :

MSVOA_D

ClientSampleId :

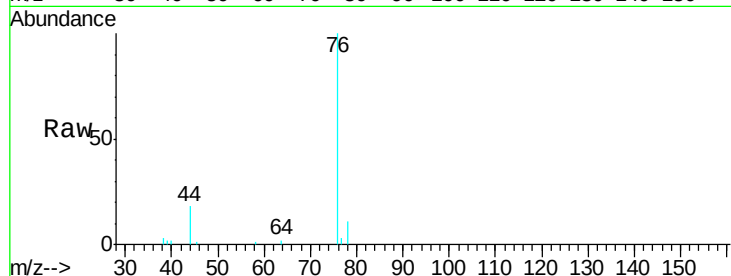
20190941-AMENDED-COMPOSITE-

Tgt Ion: 76 Resp: 68192

Ion Ratio Lower Upper

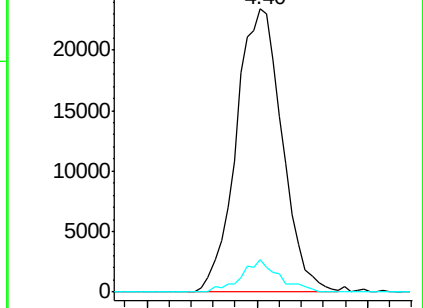
76 100

78 11.4 8.1 12.1

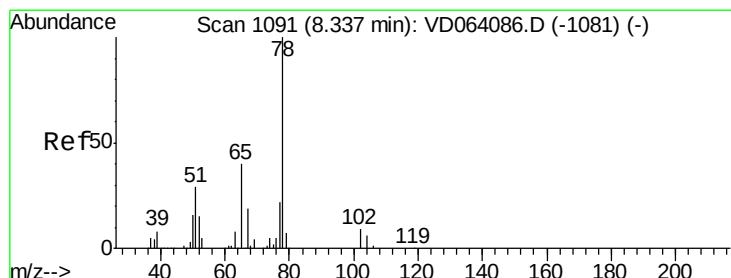
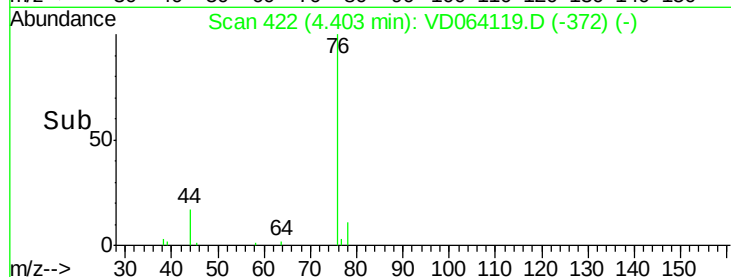


Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



Time-->



#33

1,2-Dichloroethane-d4

Concen: 70.440 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064119.D

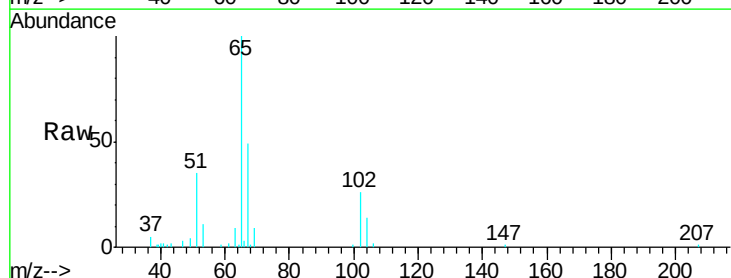
Acq: 30 Oct 2019 18:25

Tgt Ion: 65 Resp: 80117

Ion Ratio Lower Upper

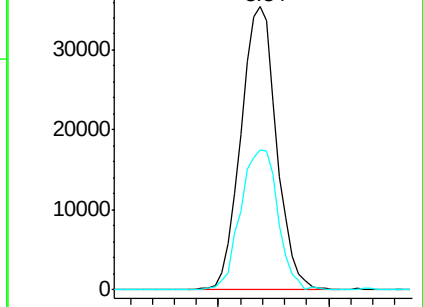
65 100

67 52.0 0.0 104.6

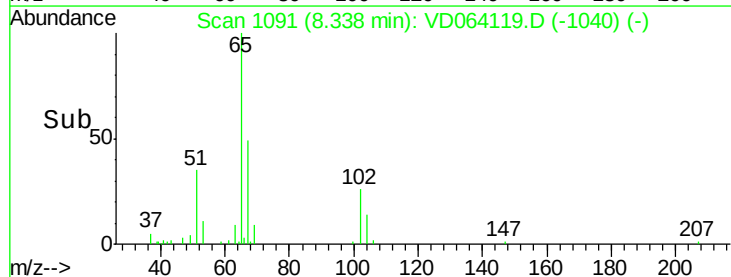


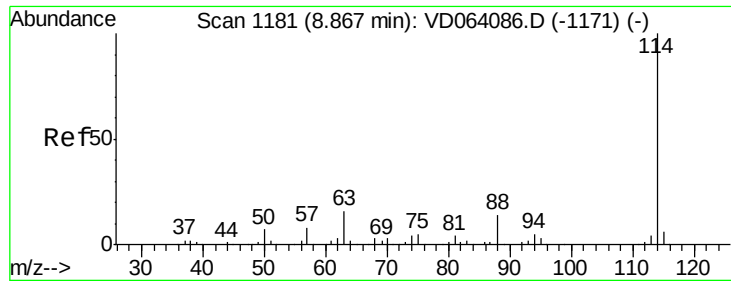
Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064119.D

Acq: 30 Oct 2019 18:25

Instrument :

MSVOA_D

ClientSampleId :

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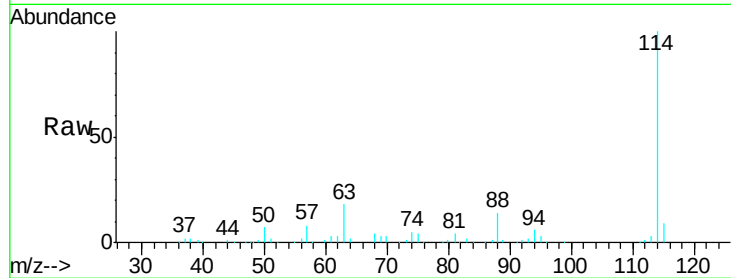
Tgt Ion:114 Resp: 249385

Ion Ratio Lower Upper

114 100

63 18.2 0.0 32.8

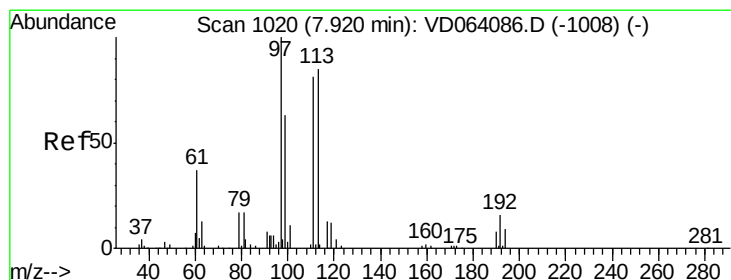
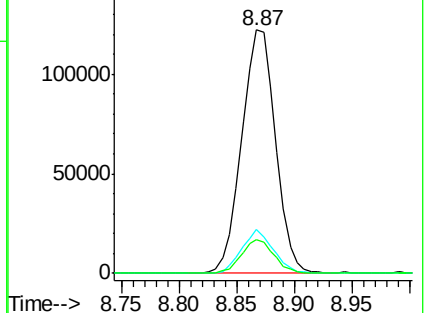
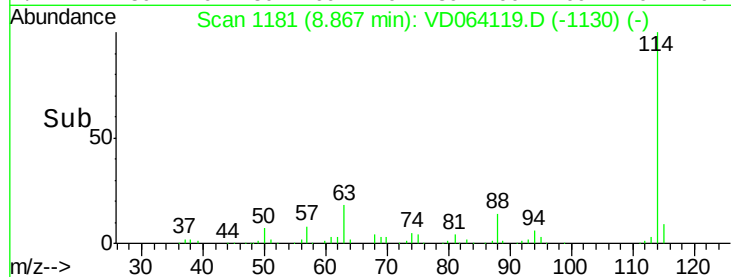
88 14.0 0.0 27.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 25.282 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD064119.D

Acq: 30 Oct 2019 18:25

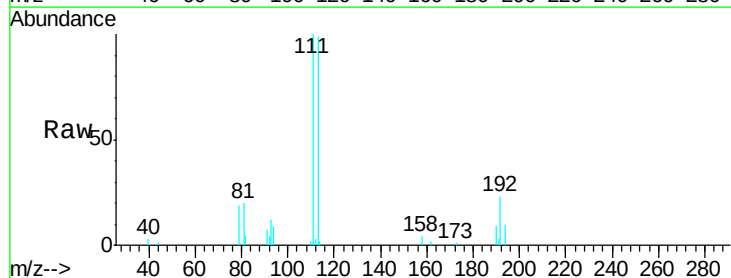
Tgt Ion:113 Resp: 38790

Ion Ratio Lower Upper

113 100

111 102.9 79.3 118.9

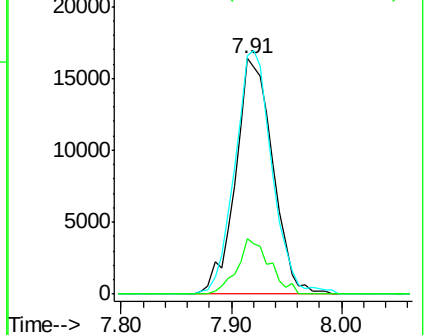
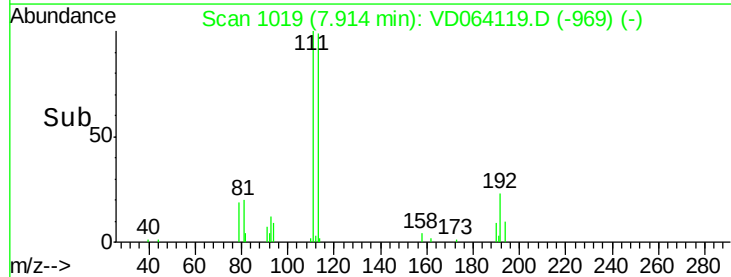
192 20.5 16.2 24.2

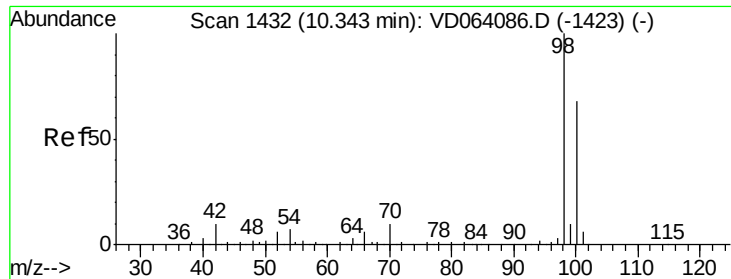


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.615 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064119.D

Acq: 30 Oct 2019 18:25

Instrument :

MSVOA_D

ClientSampleId :

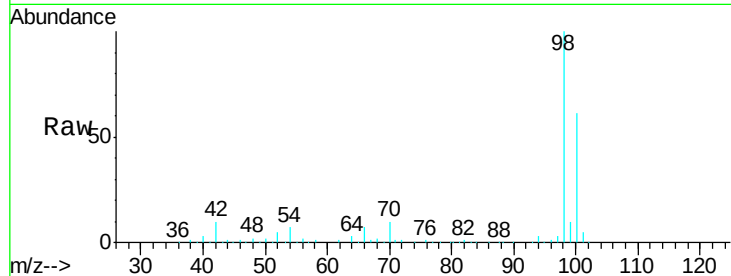
20190941-AMENDED-COMPOSITE-

Tgt Ion: 98 Resp: 304433

Ion Ratio Lower Upper

98 100

100 64.1 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VD0

Ion 100.00 (99.70 to 100.70): VD

10.34

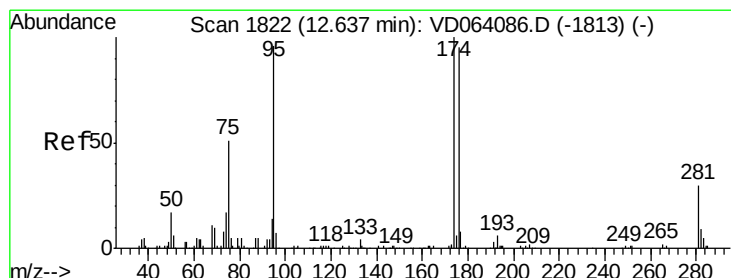
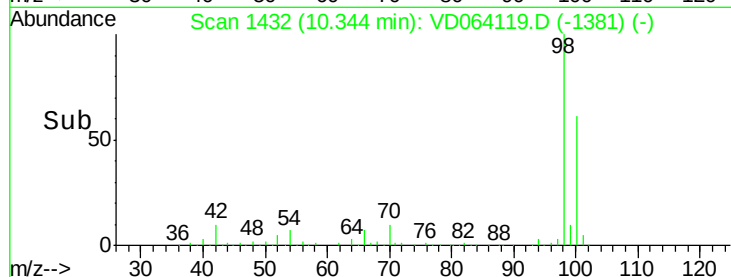
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.067 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064119.D

Acq: 30 Oct 2019 18:25

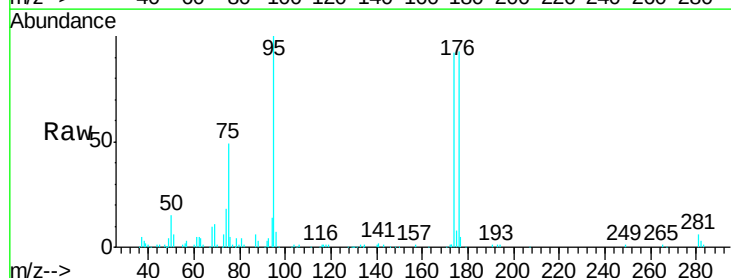
Tgt Ion: 95 Resp: 101847

Ion Ratio Lower Upper

95 100

174 98.8 0.0 201.6

176 95.3 0.0 192.6



Abundance Ion 94.90 (94.60 to 95.60): VD0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.64

80000

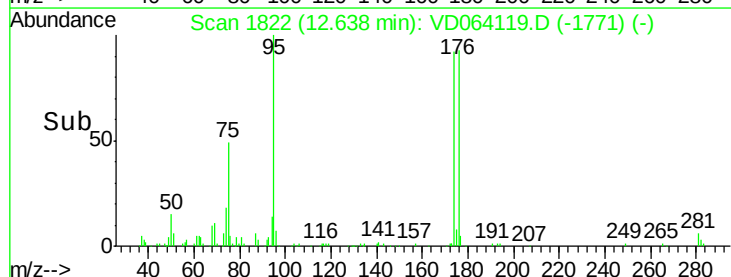
60000

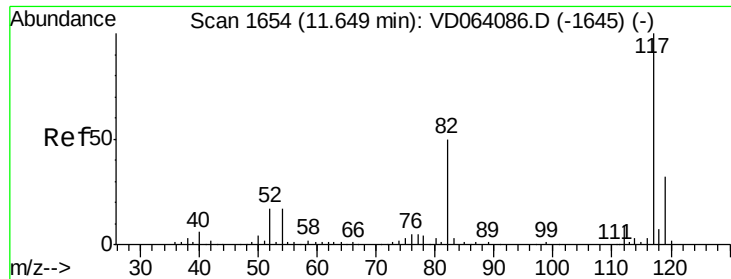
40000

20000

0

Time-->

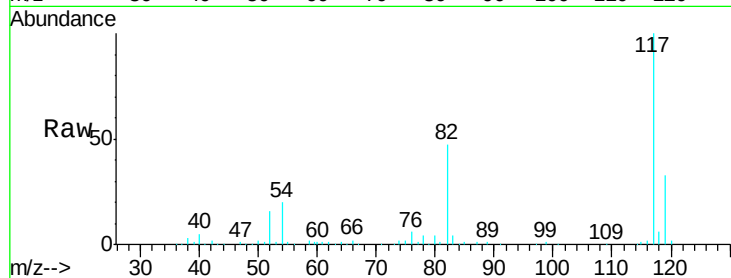




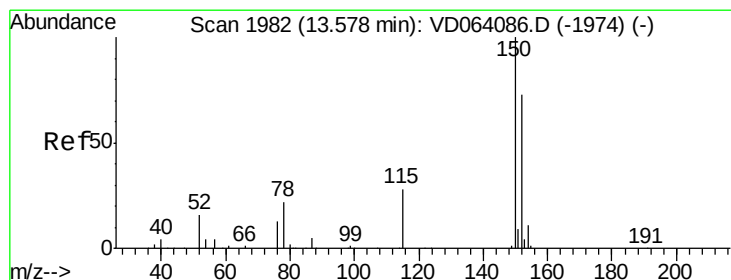
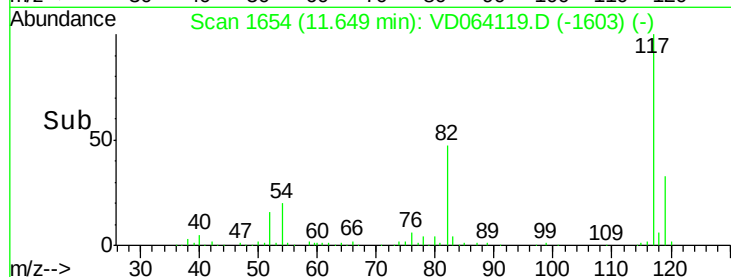
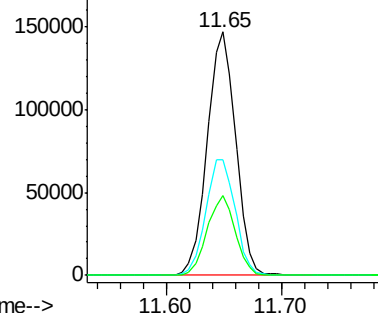
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064119.D
Acq: 30 Oct 2019 18:25

Instrument :
MSVOA_D
ClientSampleId :
20190941-AMENDED-COMPOSITE-

Tgt Ion:117 Resp: 250088
Ion Ratio Lower Upper
117 100
82 47.3 40.2 60.4
119 32.6 26.0 39.0

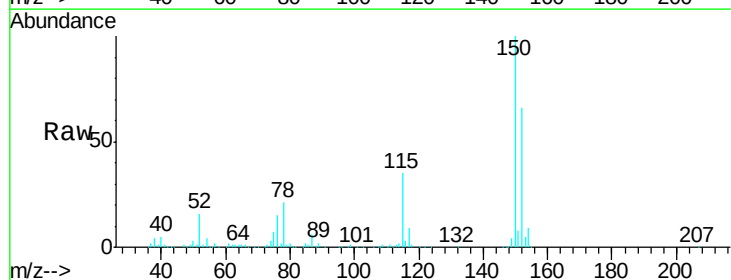


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD064119.D
Acq: 30 Oct 2019 18:25

Tgt Ion:152 Resp: 118225
Ion Ratio Lower Upper
152 100
115 52.2 26.2 78.6
150 154.1 0.0 338.8



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

