

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120919\
 Data File : VD064479.D
 Acq On : 09 Dec 2019 19:14
 Operator : VA/SY
 Sample : K6205-07
 Misc : 5.07G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 K165-WC-2

Quant Time: Dec 10 03:04:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	654031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	991256	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	928522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	450764	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	249106	42.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.16%	
35) Dibromofluoromethane	7.92	113	291479	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
50) Toluene-d8	10.34	98	1191761	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
62) 4-Bromofluorobenzene	12.64	95	390996	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	

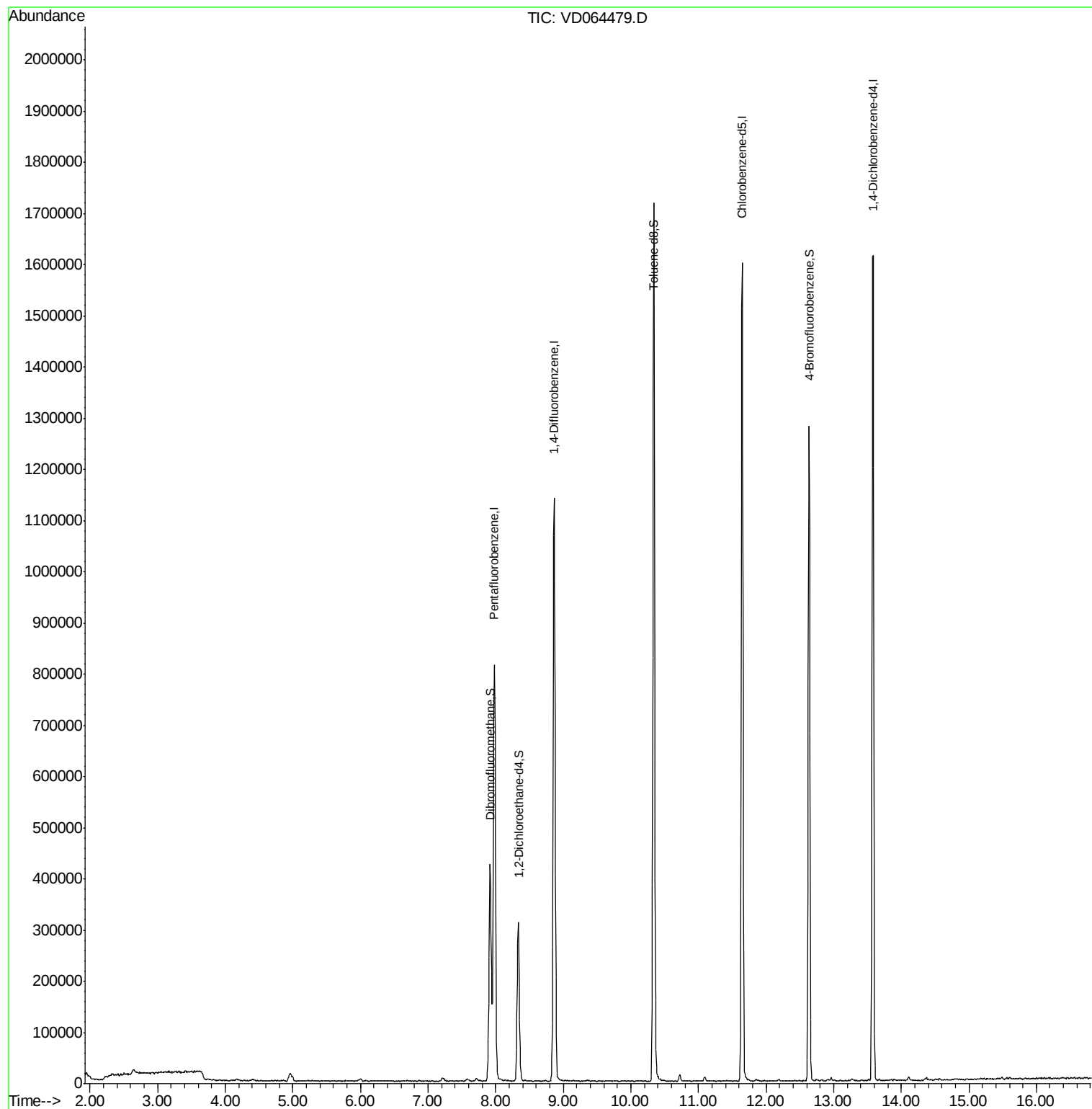
Target Compounds	Qvalue
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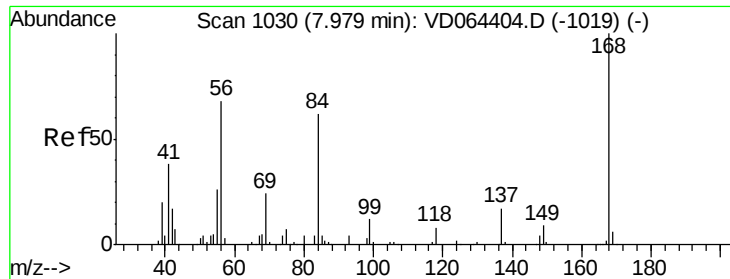
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 29 07:18:03 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD064479.D

Acq: 09 Dec 2019 19:14

Instrument :

MSVOA_D

ClientSampleId :

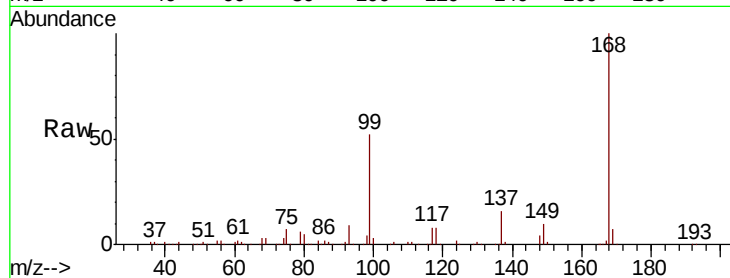
K165-WC-2

Tot Ion:168 Resp: 654031

Ion Ratio Lower Upper

168 100

99 52.4 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

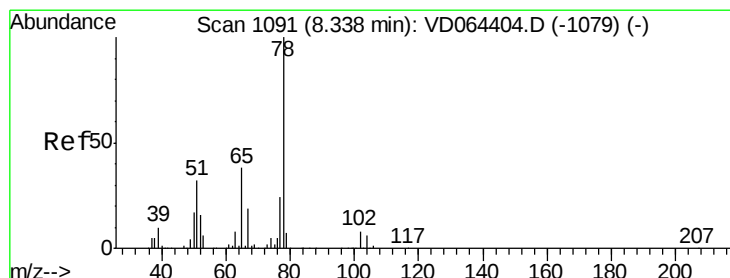
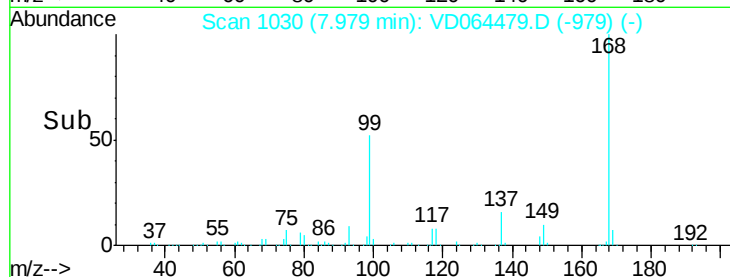
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 42.079 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064479.D

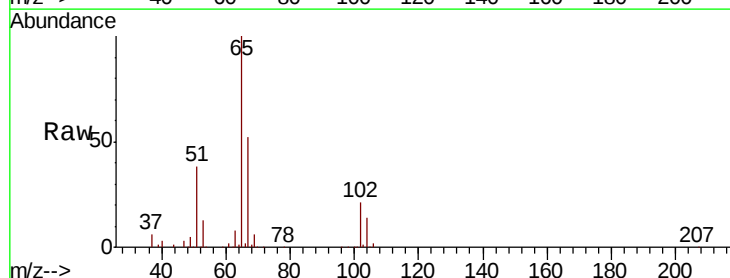
Acq: 09 Dec 2019 19:14

Tgt Ion: 65 Resp: 249106

Ion Ratio Lower Upper

65 100

67 50.8 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

120000

100000

80000

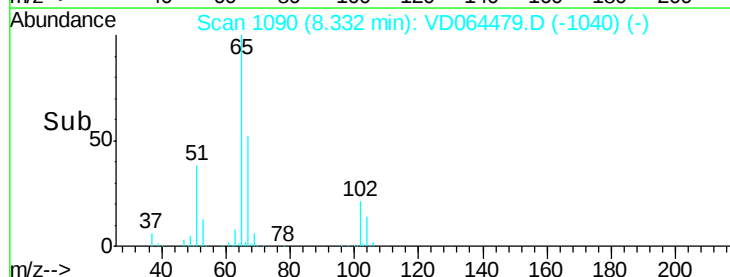
60000

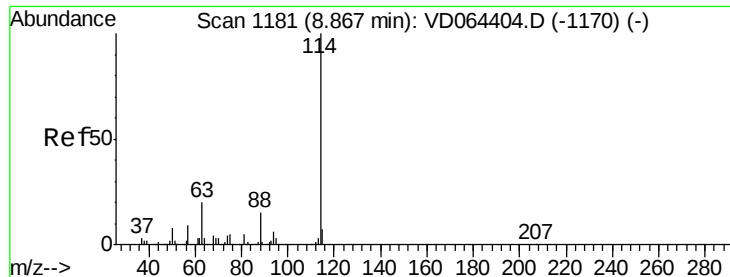
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD064479.D

Acq: 09 Dec 2019 19:14

Instrument :

MSVOA_D

ClientSampleId :

K165-WC-2

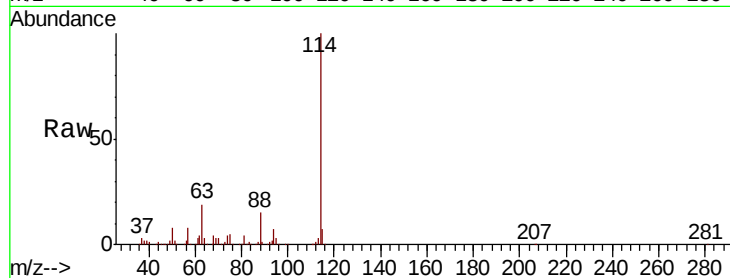
Tot Ion:114 Resp: 991256

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.0

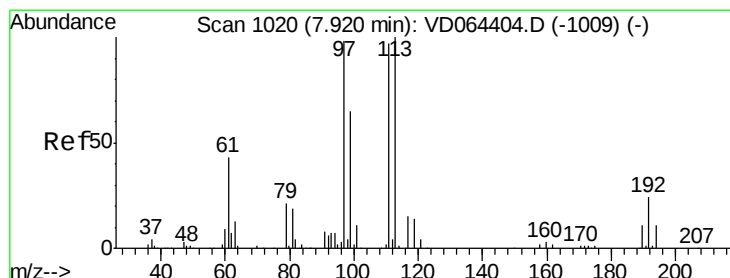
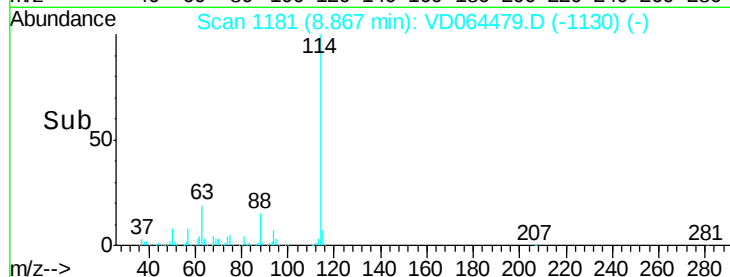
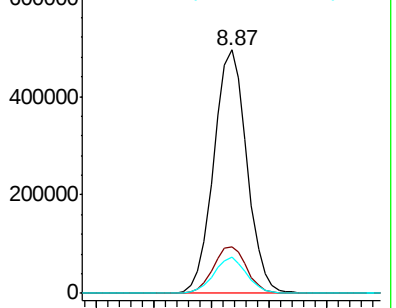
88 14.7 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 46.671 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD064479.D

Acq: 09 Dec 2019 19:14

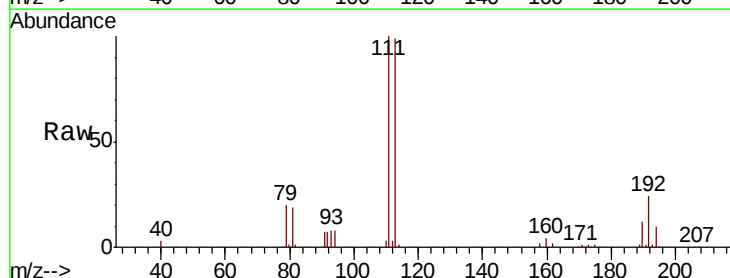
Tgt Ion:113 Resp: 291479

Ion Ratio Lower Upper

113 100

111 102.2 79.4 119.2

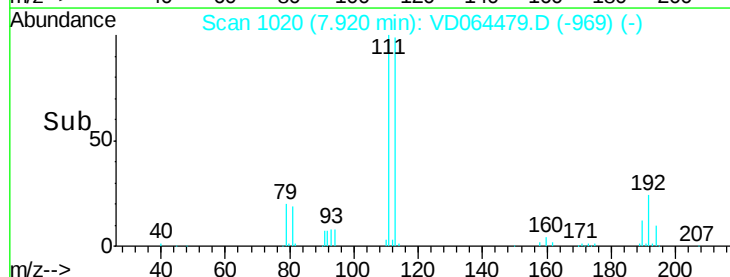
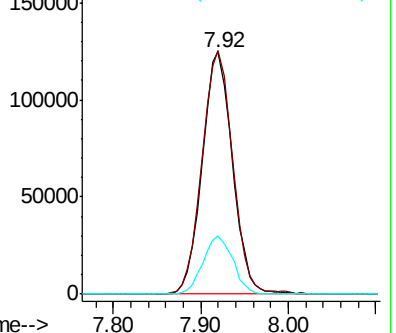
192 23.7 18.6 28.0

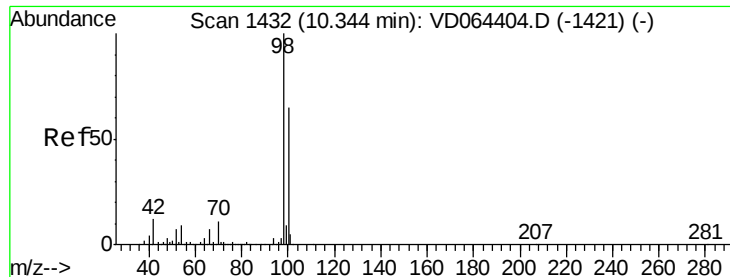


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.658 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD064479.D

Acq: 09 Dec 2019 19:14

Instrument :

MSVOA_D

ClientSampleId :

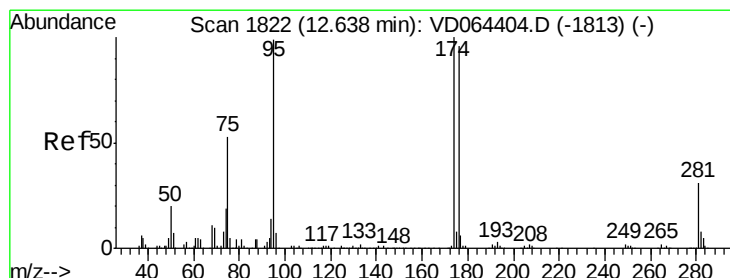
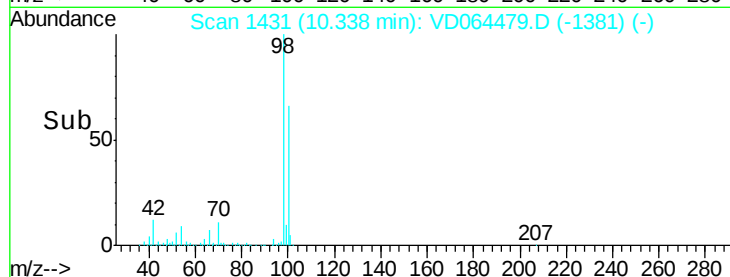
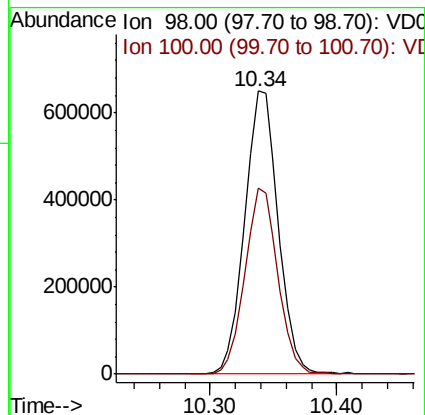
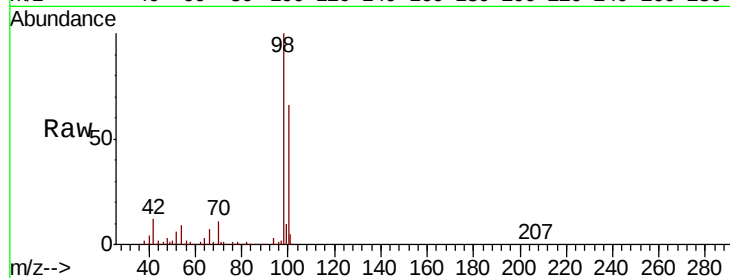
K165-WC-2

Tot Ion: 98 Resp: 1191761

Ion Ratio Lower Upper

98 100

100 64.7 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 51.715 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064479.D

Acq: 09 Dec 2019 19:14

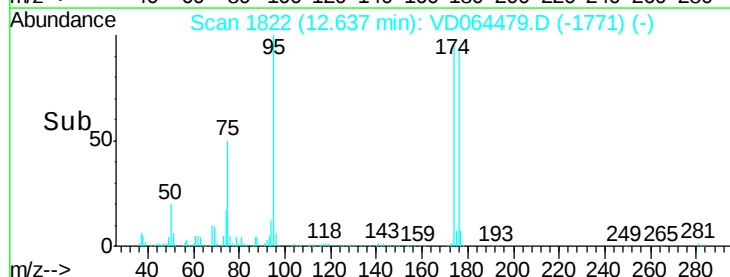
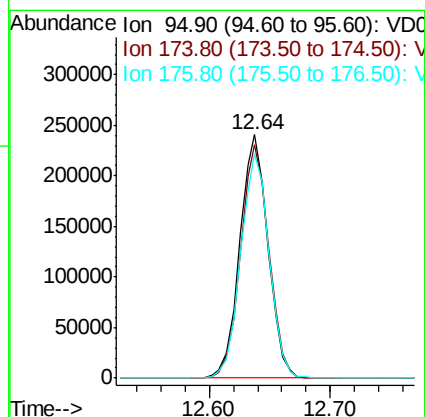
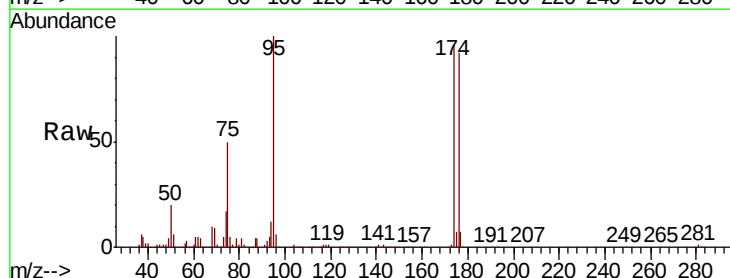
Tgt Ion: 95 Resp: 390996

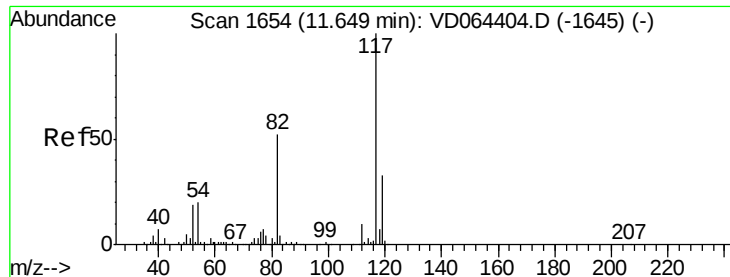
Ion Ratio Lower Upper

95 100

174 96.1 0.0 197.2

176 93.2 0.0 189.6

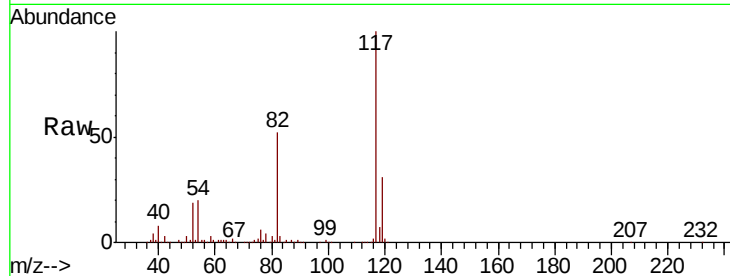




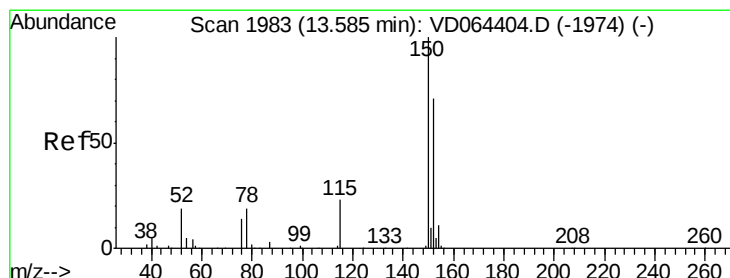
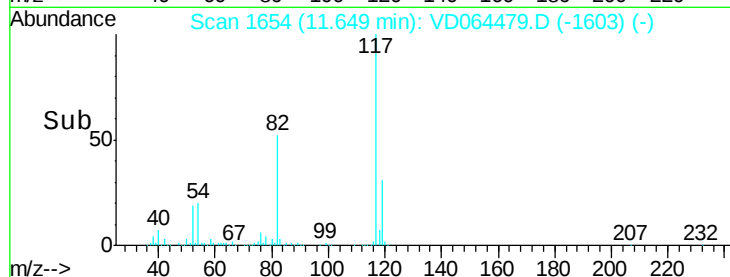
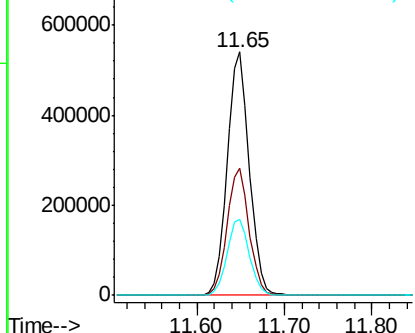
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064479.D
Acq: 09 Dec 2019 19:14

Instrument :
MSVOA_D
ClientSampleId :
K165-WC-2

Tot Ion:117 Resp: 928522
Ion Ratio Lower Upper
117 100
82 52.1 41.4 62.2
119 31.3 26.2 39.2

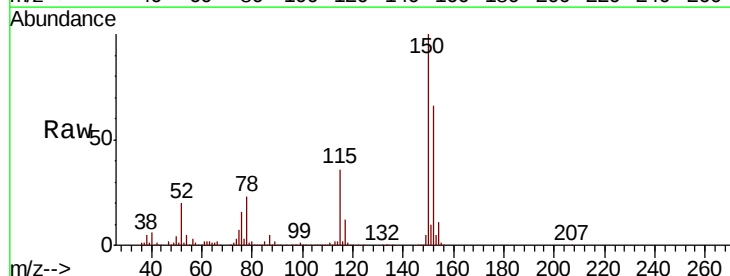


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064479.D
Acq: 09 Dec 2019 19:14

Tgt Ion:152 Resp: 450764
Ion Ratio Lower Upper
152 100
115 54.5 26.7 80.1
150 154.4 0.0 347.2



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

