

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120919\
 Data File : VD064477.D
 Acq On : 09 Dec 2019 18:16
 Operator : VA/SY
 Sample : K6205-05
 Misc : 6.13G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 K165-SB-5

Quant Time: Dec 10 03:01:30 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	262992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	414284	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	415596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	220306	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	154508	64.91	ug/l	0.00
Spiked Amount			Recovery	=	129.82%	
35) Dibromofluoromethane	7.92	113	136762	52.40	ug/l	0.00
Spiked Amount			Recovery	=	104.80%	
50) Toluene-d8	10.34	98	485387	49.37	ug/l	0.00
Spiked Amount			Recovery	=	98.74%	
62) 4-Bromofluorobenzene	12.64	95	186601	59.05	ug/l	0.00
Spiked Amount			Recovery	=	118.10%	

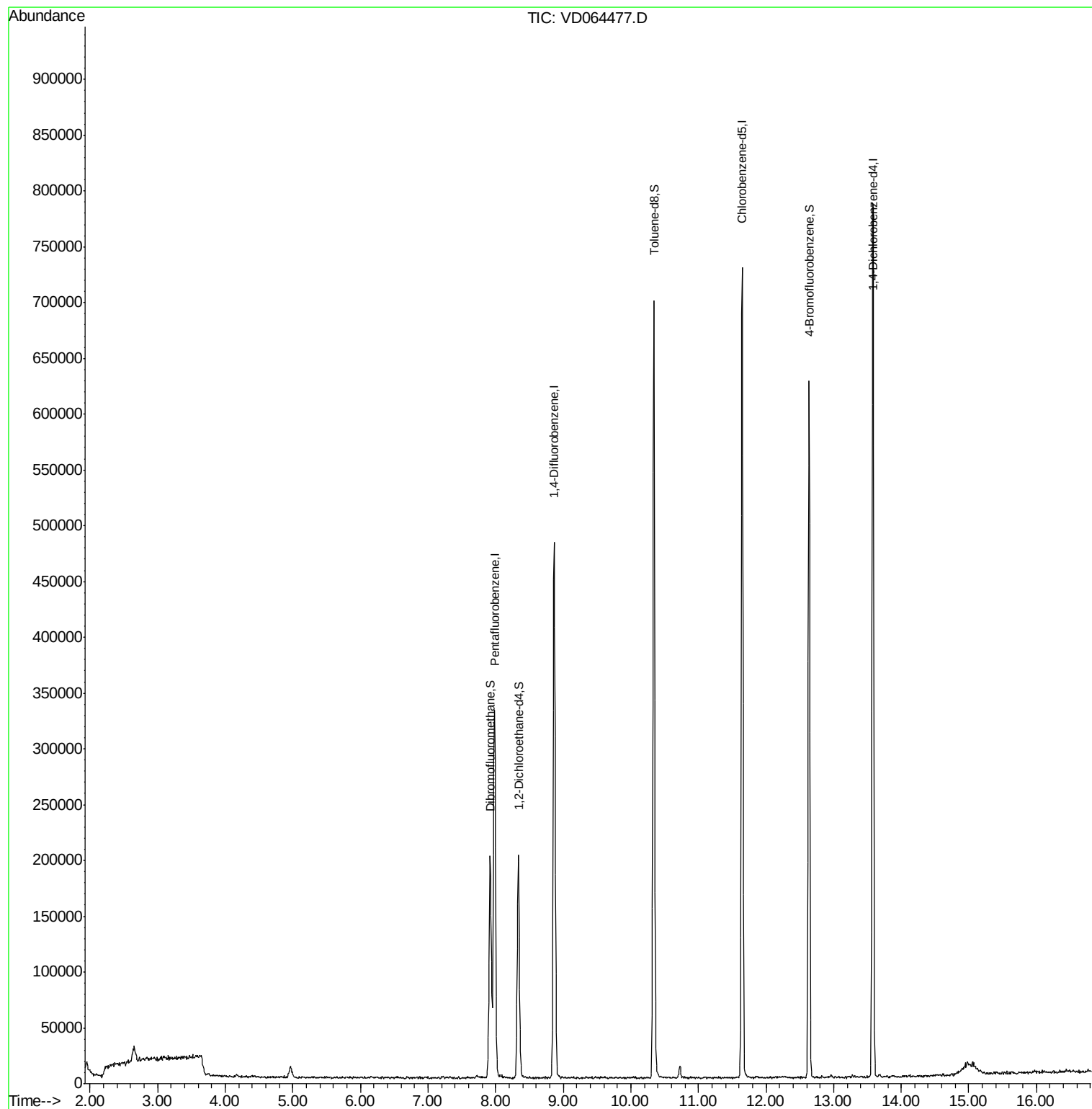
Target Compounds	Qvalue
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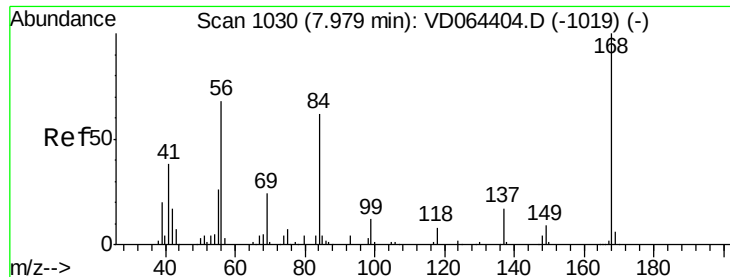
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064477.D

Acq: 09 Dec 2019 18:16

Instrument :

MSVOA_D

ClientSampleId :

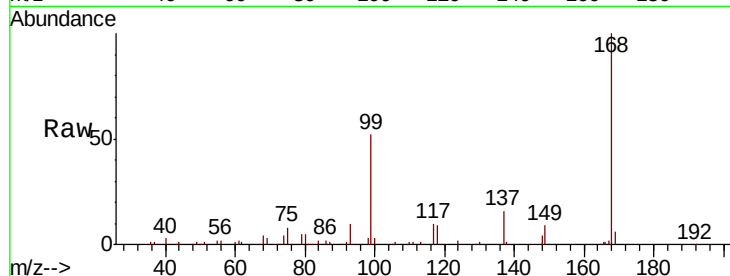
K165-SB-5

Tot Ion:168 Resp: 262992

Ion Ratio Lower Upper

168 100

99 52.5 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

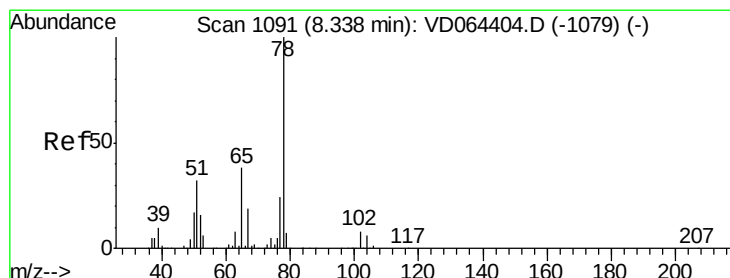
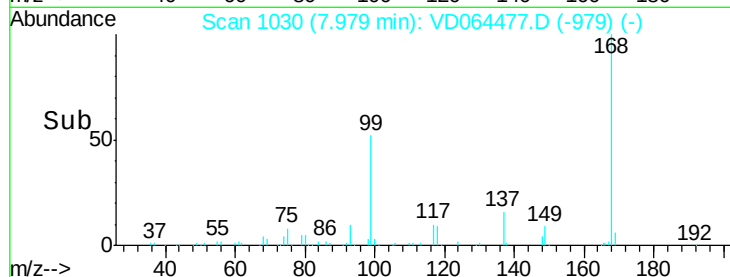
100000

50000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 64.907 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064477.D

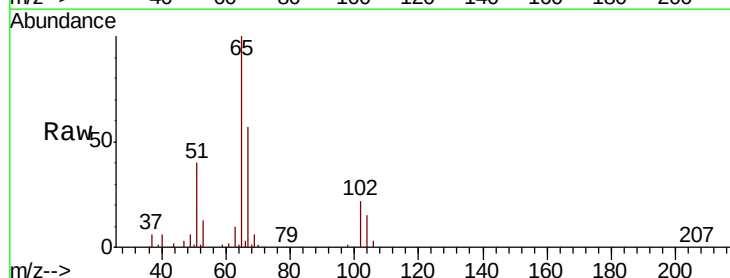
Acq: 09 Dec 2019 18:16

Tgt Ion: 65 Resp: 154508

Ion Ratio Lower Upper

65 100

67 51.9 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

80000

60000

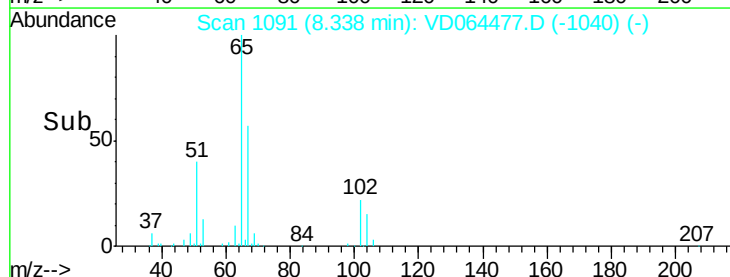
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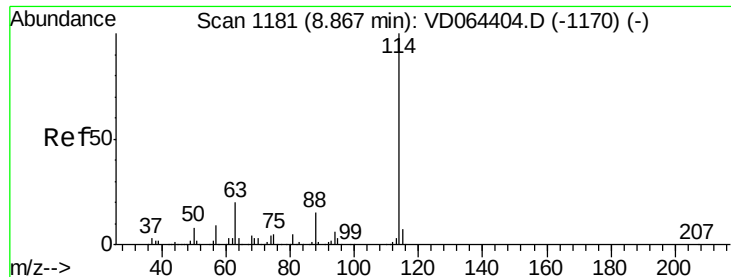
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0

Time-->

8.20 8.30 8.40

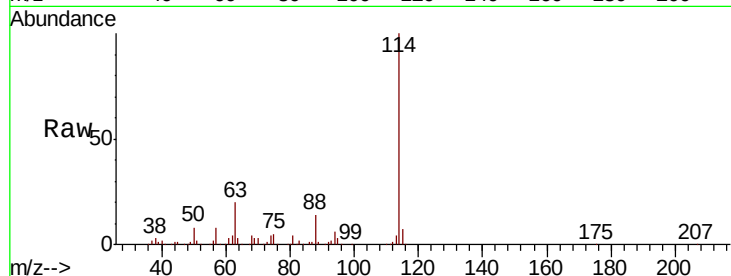




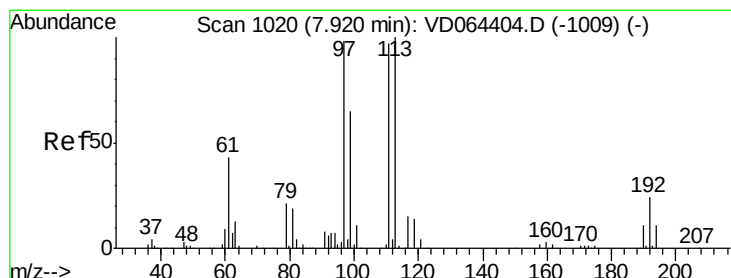
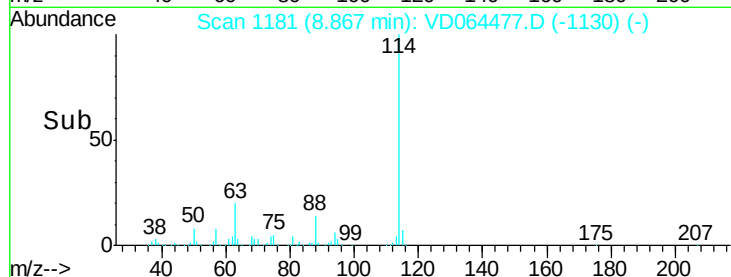
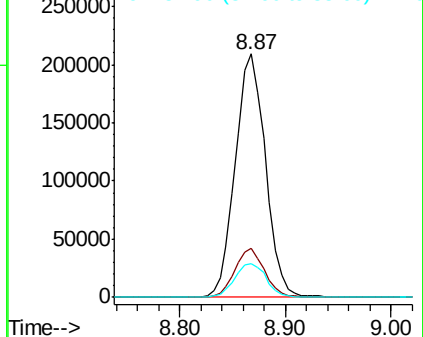
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064477.D
 Acq: 09 Dec 2019 18:16

Instrument :
 MSVOA_D
 ClientSampled :
 K165-SB-5

Tot Ion:114 Resp: 414284
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 14.0 0.0 29.2

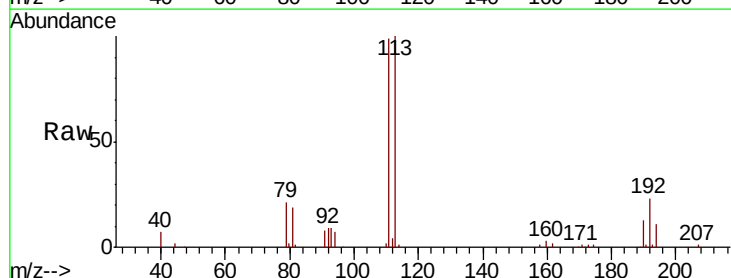


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

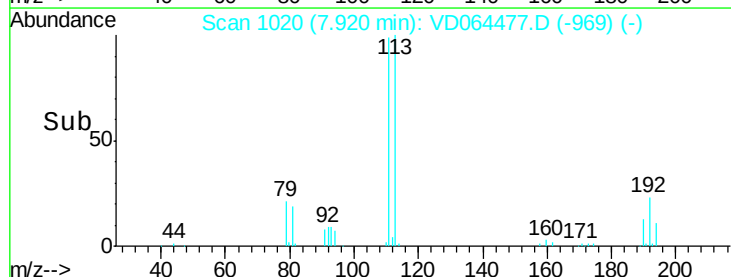
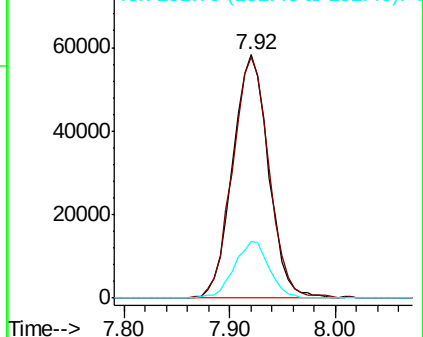


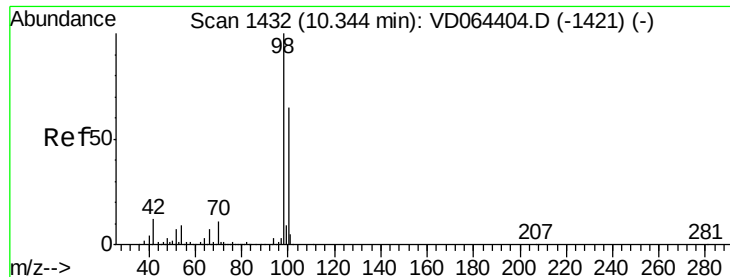
#35
 Dibromofluoromethane
 Concen: 52.395 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064477.D
 Acq: 09 Dec 2019 18:16

Tgt Ion:113 Resp: 136762
 Ion Ratio Lower Upper
 113 100
 111 100.4 79.4 119.2
 192 22.6 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: 49.366 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064477.D

Acq: 09 Dec 2019 18:16

Instrument :

MSVOA_D

ClientSampleId :

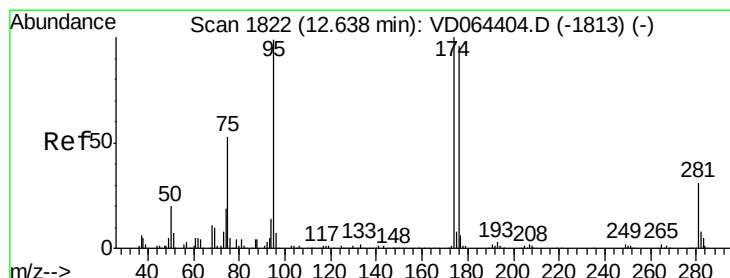
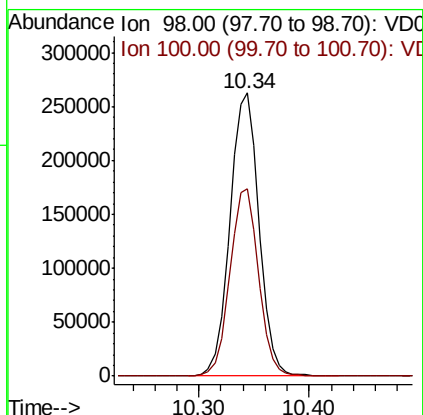
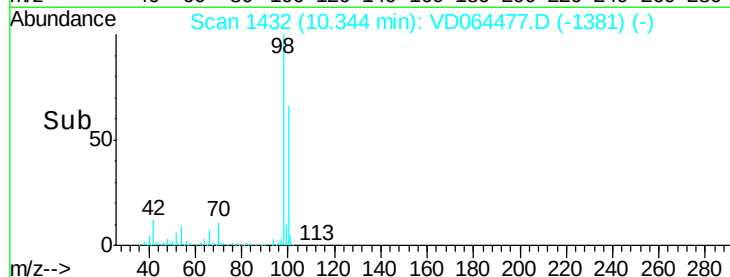
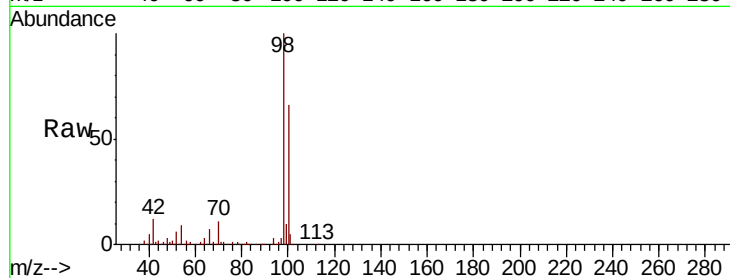
K165-SB-5

Tot Ion: 98 Resp: 485387

Ion Ratio Lower Upper

98 100

100 65.3 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 59.054 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064477.D

Acq: 09 Dec 2019 18:16

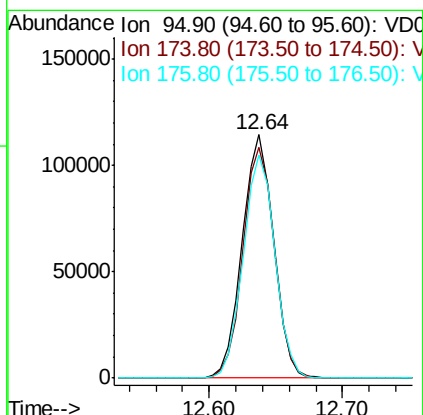
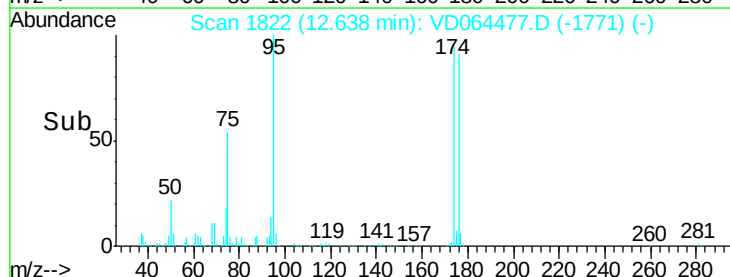
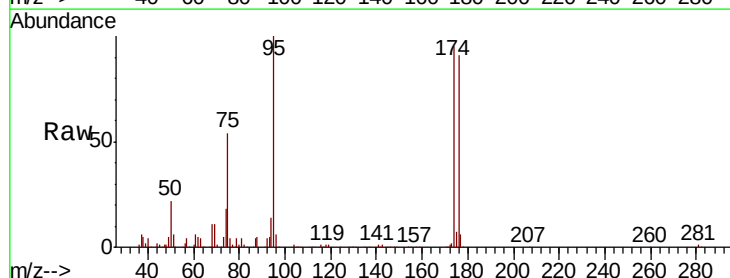
Tgt Ion: 95 Resp: 186601

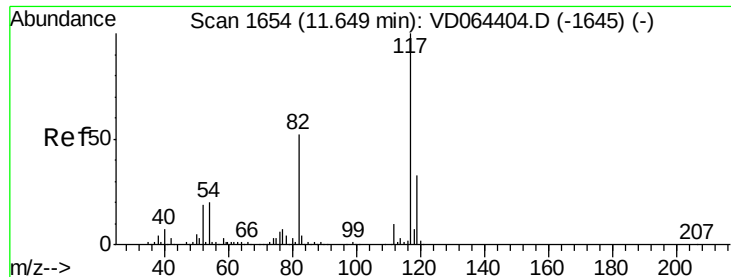
Ion Ratio Lower Upper

95 100

174 94.7 0.0 197.2

176 92.2 0.0 189.6

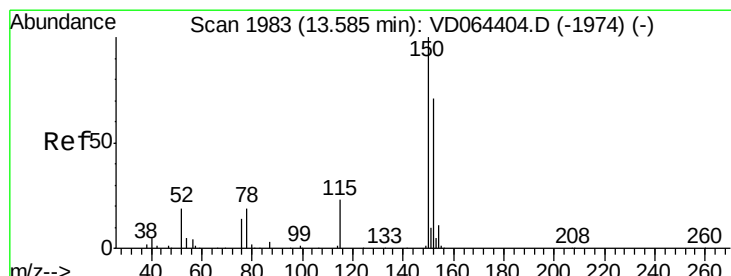
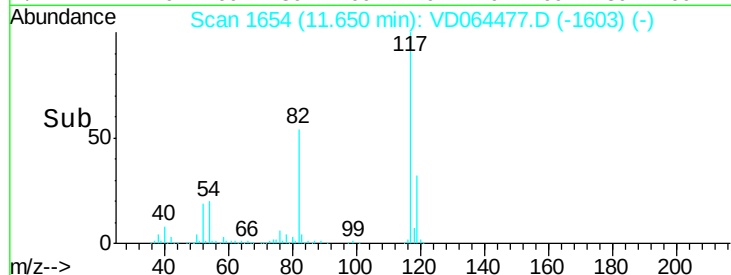
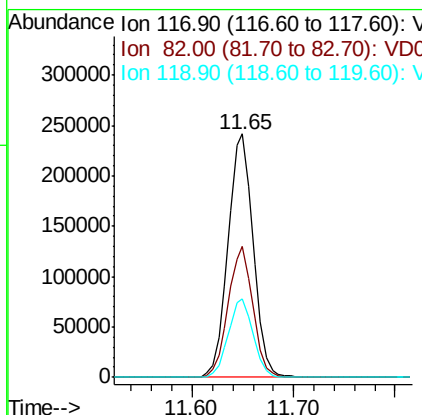
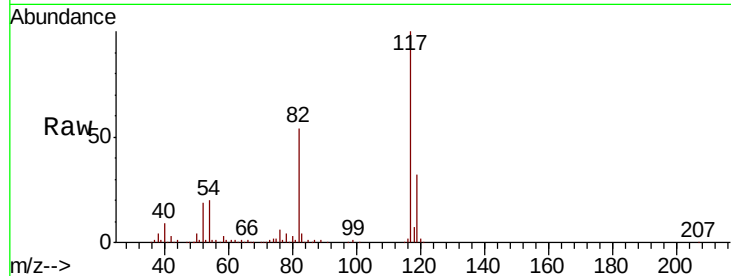




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064477.D
Acq: 09 Dec 2019 18:16

Instrument :
MSVOA_D
ClientSampleId :
K165-SB-5

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	41.4	62.2
119	32.4	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD064477.D
Acq: 09 Dec 2019 18:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.8	26.7	80.1
150	156.2	0.0	347.2

