

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120919\
 Data File : VD064474.D
 Acq On : 09 Dec 2019 16:50
 Operator : VA/SY
 Sample : K6205-02
 Misc : 12.56G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 K165-SB-2

Quant Time: Dec 10 02:57:16 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	712553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1017953	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	925121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	450157	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	245683	38.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.18%	
35) Dibromofluoromethane	7.92	113	290851	45.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.70%	
50) Toluene-d8	10.34	98	1205426	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.64	95	399508	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	

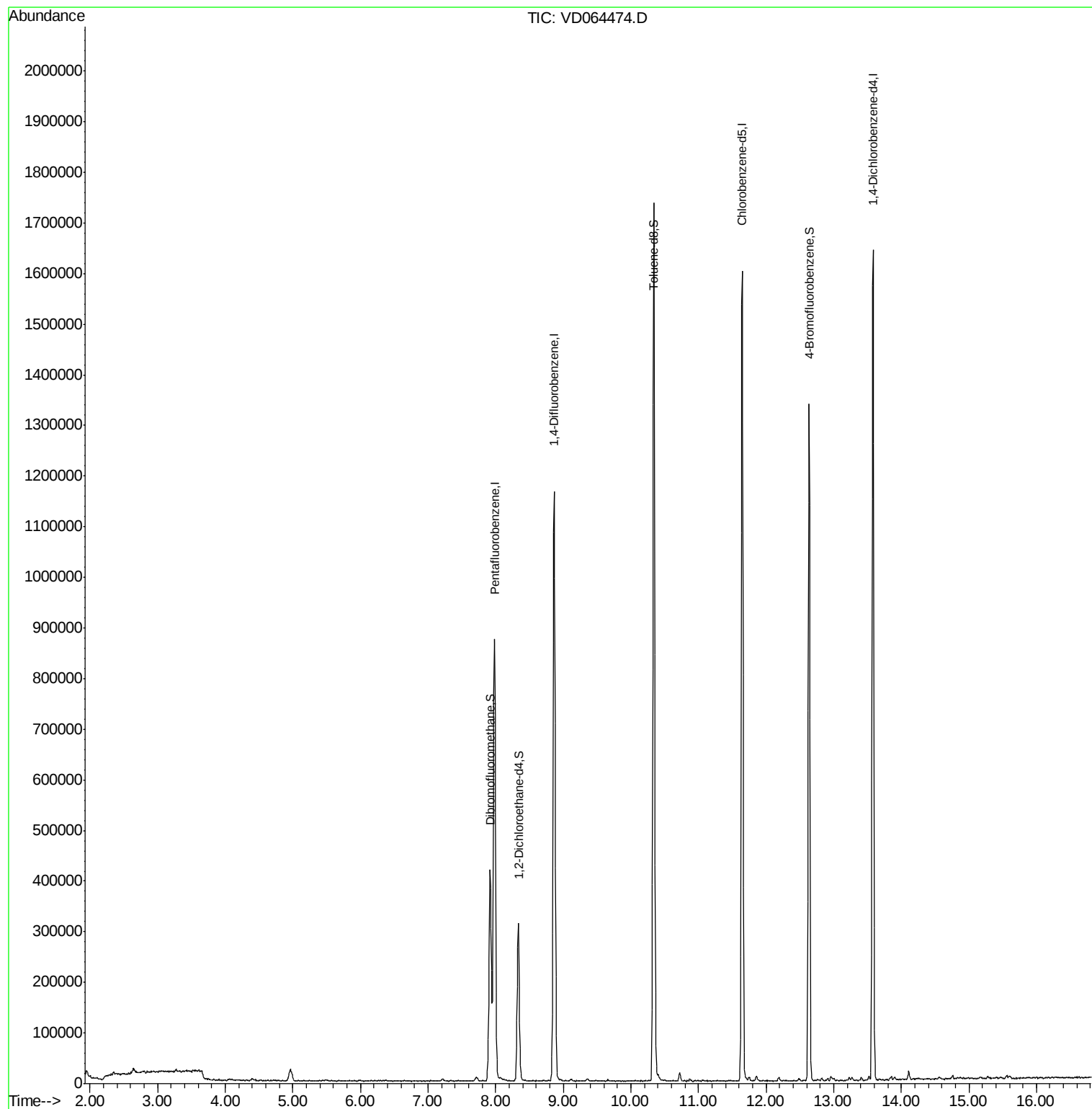
Target Compounds	Qvalue

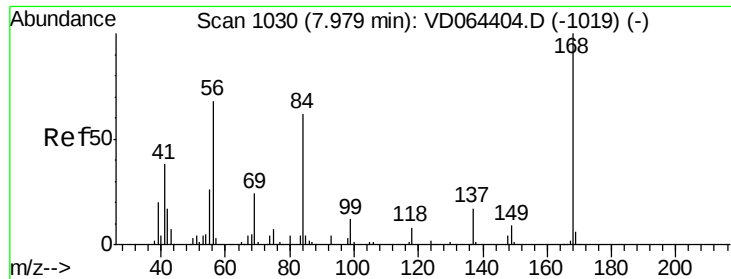
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD064474.D

Acq: 09 Dec 2019 16:50

Instrument :

MSVOA_D

ClientSampleId :

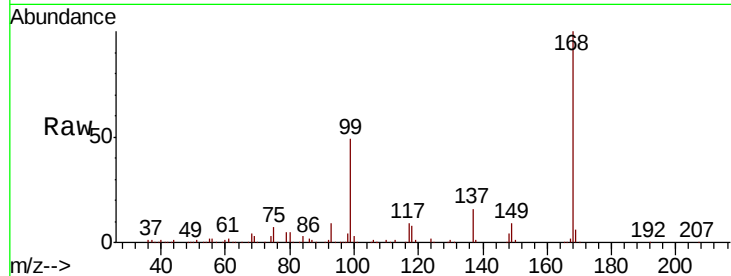
K165-SB-2

Tot Ion:168 Resp: 712553

Ion Ratio Lower Upper

168 100

99 49.2 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

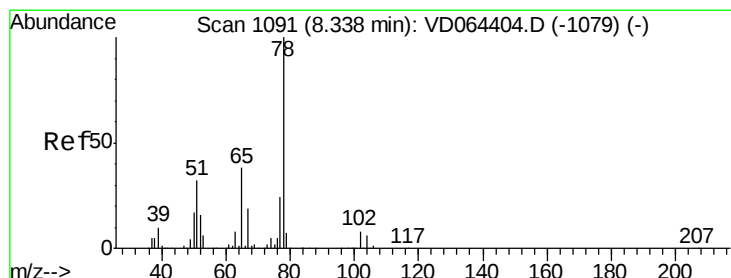
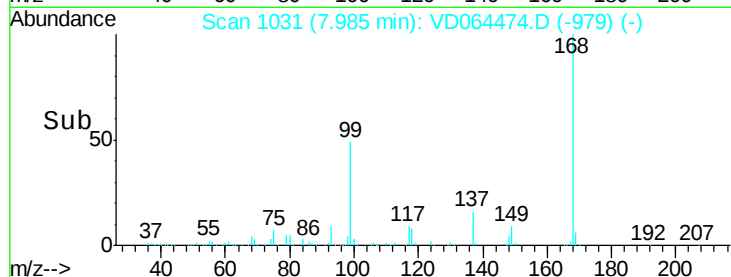
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 38.092 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064474.D

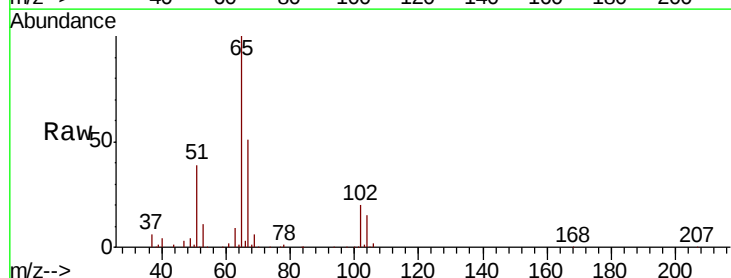
Acq: 09 Dec 2019 16:50

Tgt Ion: 65 Resp: 245683

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

120000

100000

80000

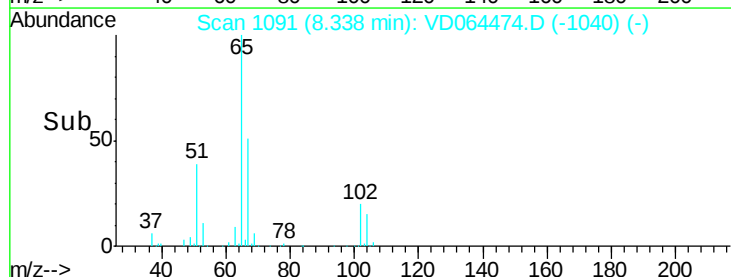
60000

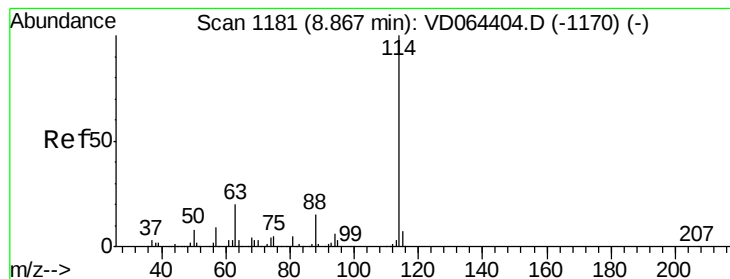
40000

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: VD064474.D

Acq: 09 Dec 2019 16:50

Instrument :

MSVOA_D

ClientSampleId :

K165-SB-2

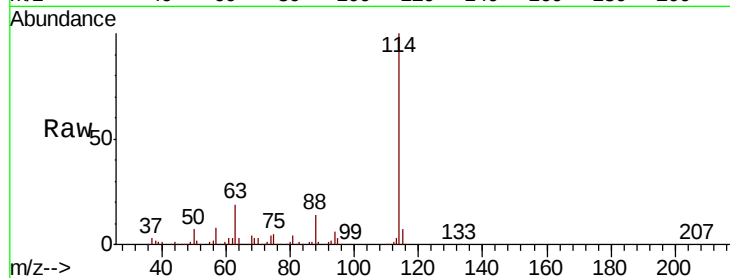
Tot Ion:114 Resp: 1017953

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.0

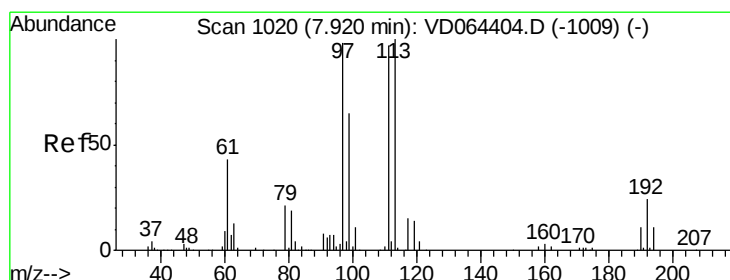
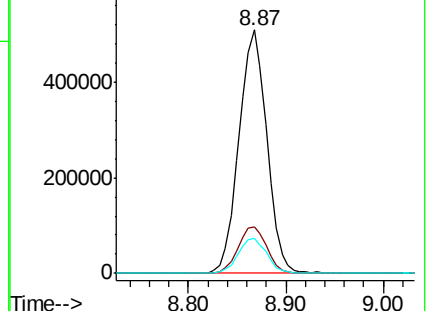
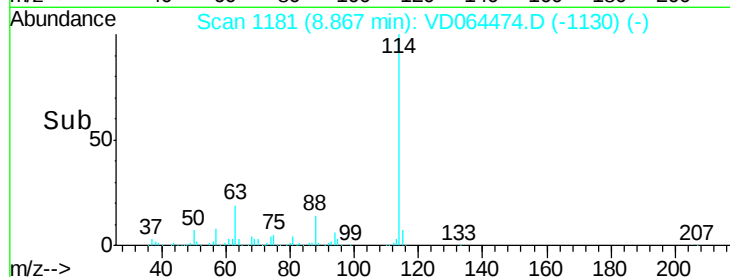
88 14.2 0.0 29.2



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: 45.349 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064474.D

Acq: 09 Dec 2019 16:50

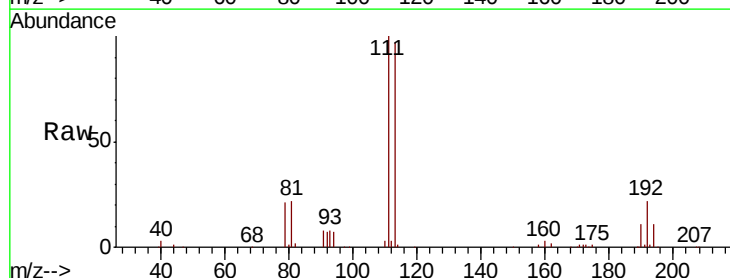
Tgt Ion:113 Resp: 290851

Ion Ratio Lower Upper

113 100

111 102.6 79.4 119.2

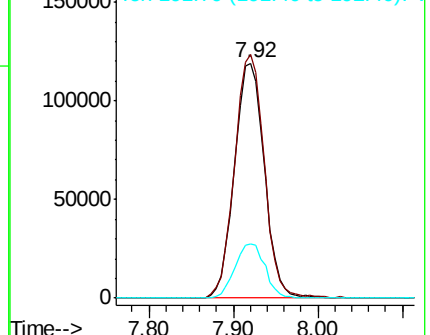
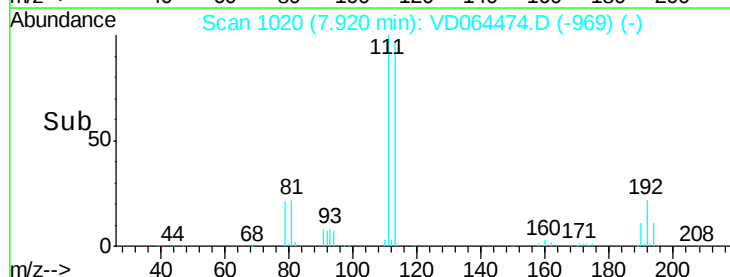
192 23.2 18.6 28.0



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

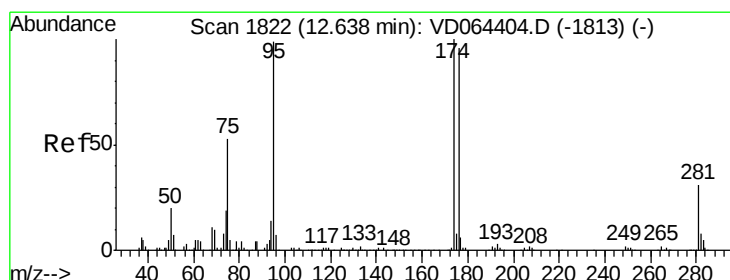
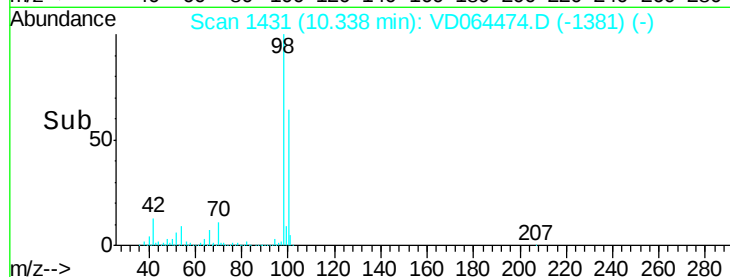
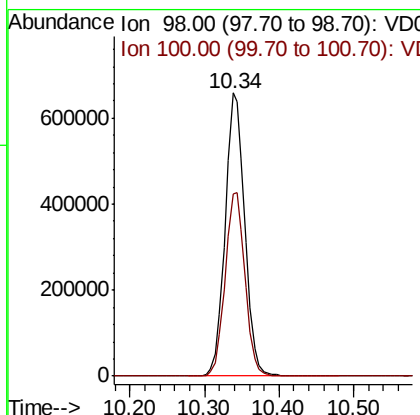
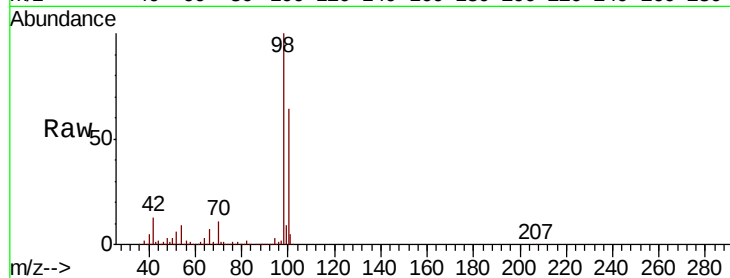




#50
Toluene-d8
Concen: 49.895 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064474.D
Acq: 09 Dec 2019 16:50

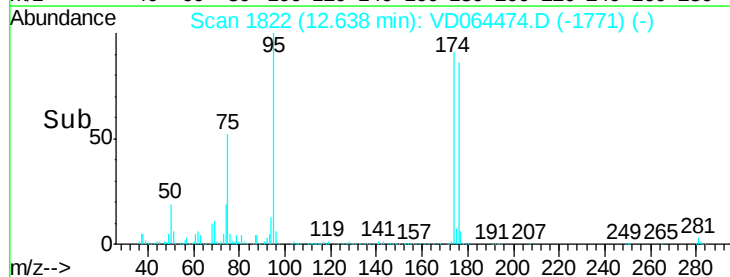
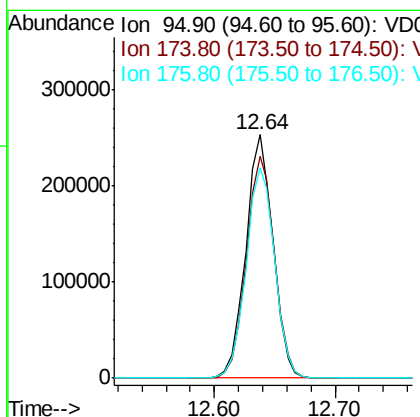
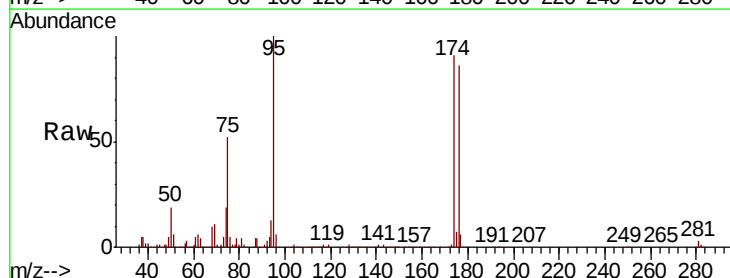
Instrument :
MSVOA_D
ClientSampleId :
K165-SB-2

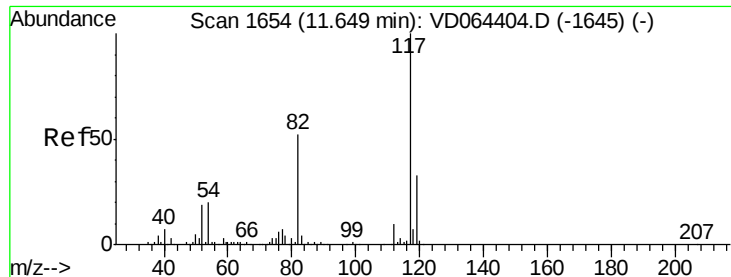
Tot Ion: 98 Resp: 1205426
Ion Ratio Lower Upper
98 100
100 65.7 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 51.455 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064474.D
Acq: 09 Dec 2019 16:50

Tgt Ion: 95 Resp: 399508
Ion Ratio Lower Upper
95 100
174 93.8 0.0 197.2
176 90.2 0.0 189.6

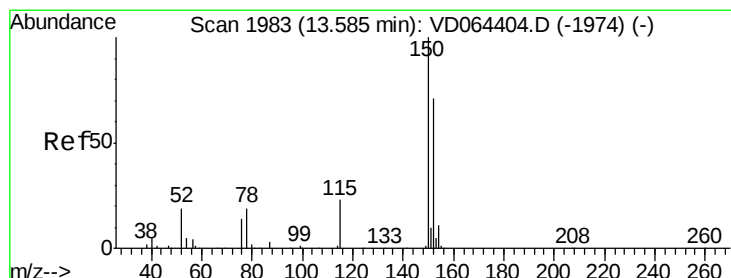
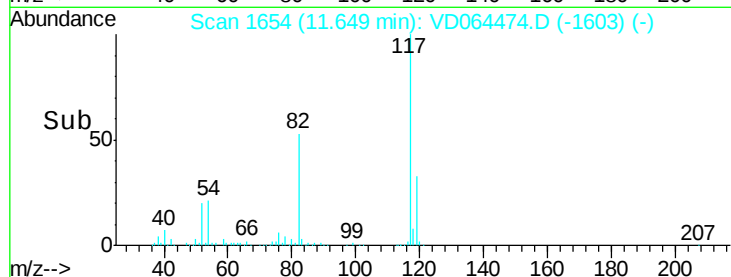
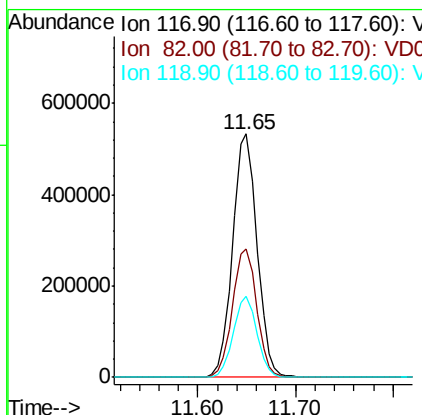
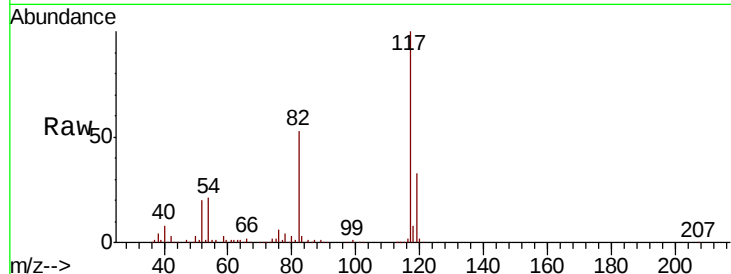




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064474.D
Acq: 09 Dec 2019 16:50

Instrument :
MSVOA_D
ClientSampleId :
K165-SB-2

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	41.4	62.2
119	33.1	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064474.D
Acq: 09 Dec 2019 16:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.2	26.7	80.1
150	157.6	0.0	347.2

