

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120919\
 Data File : VD064478.D
 Acq On : 09 Dec 2019 18:45
 Operator : VA/SY
 Sample : K6205-06
 Misc : 5.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 K165-WC-1

Quant Time: Dec 10 03:02:56 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	7.99	168	625803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	947552	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	863531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	415730	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	246492	43.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.04%	
35) Dibromofluoromethane	7.92	113	281610	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
50) Toluene-d8	10.34	98	1127682	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.64	95	368052	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	

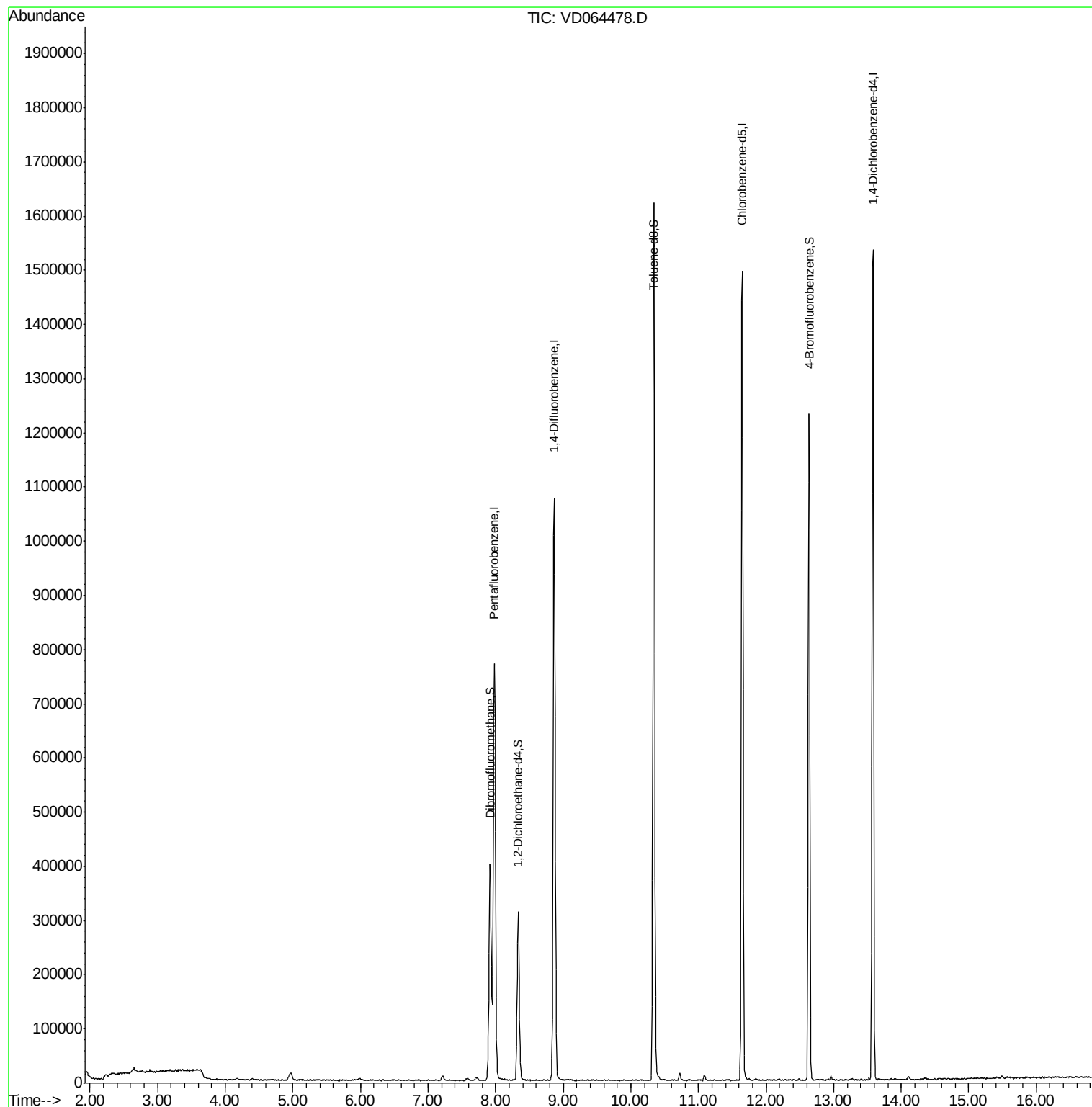
Target Compounds	Qvalue

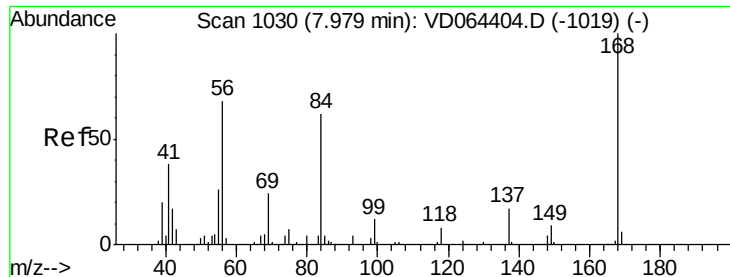
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD064478.D

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Instrument :

MSVOA_D

ClientSampleId :

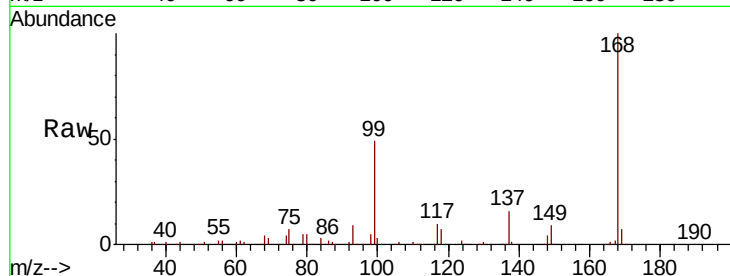
K165-WC-1

Tot Ion:168 Resp: 625803

Ion Ratio Lower Upper

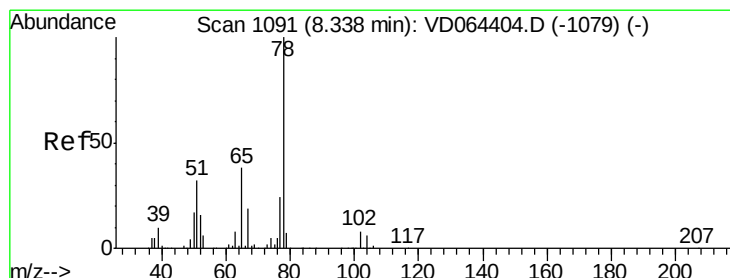
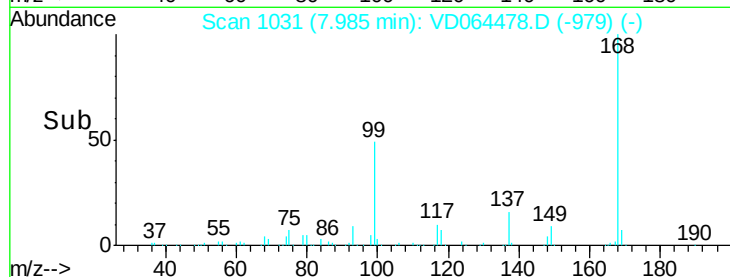
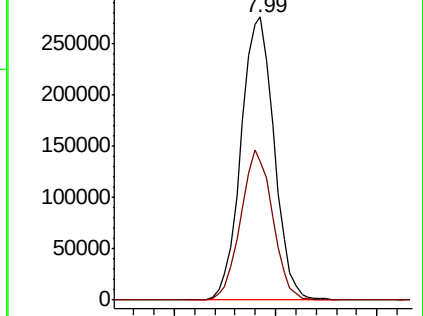
168 100

99 49.1 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 43.516 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064478.D

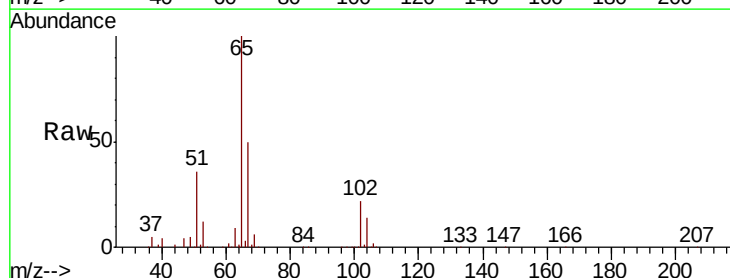
Acq: 09 Dec 2019 18:45

Tgt Ion: 65 Resp: 246492

Ion Ratio Lower Upper

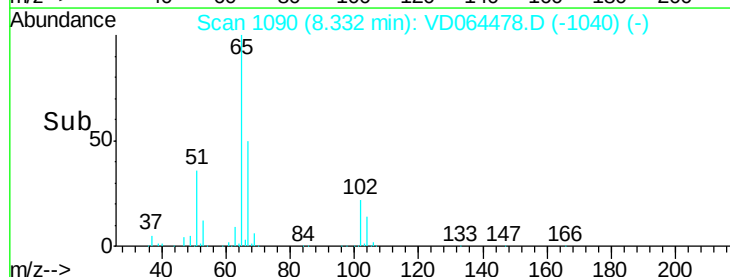
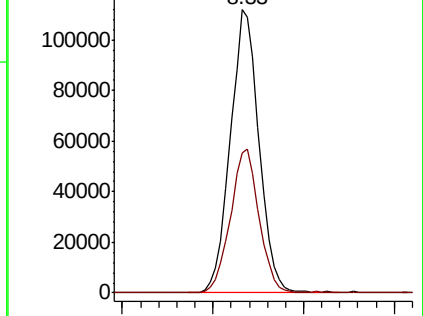
65 100

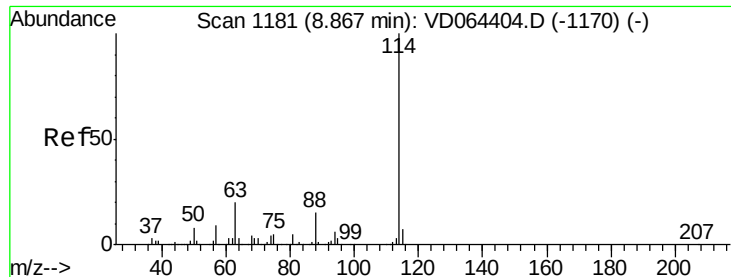
67 50.8 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064478.D

Acq: 09 Dec 2019 18:45

Instrument :

MSVOA_D

ClientSampleId :

K165-WC-1

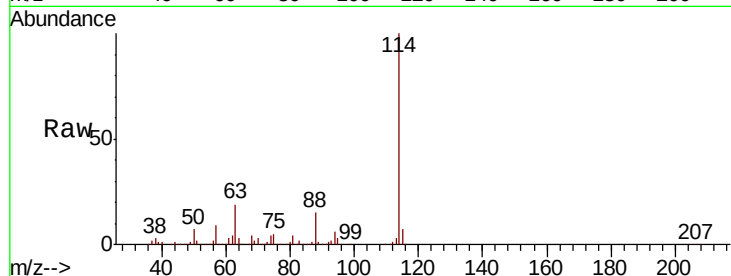
Tot Ion:114 Resp: 947552

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

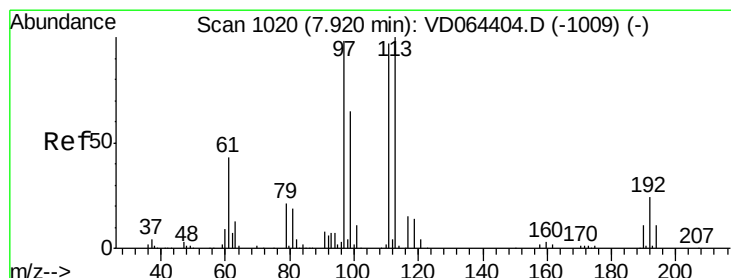
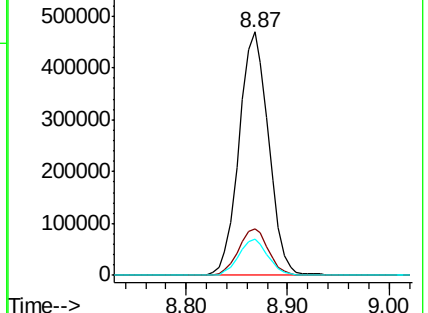
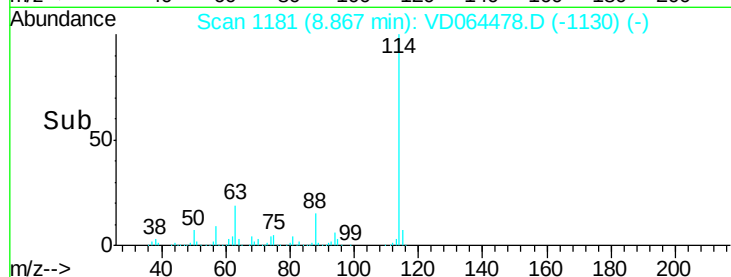
88 15.1 0.0 29.2



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: 47.170 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064478.D

Acq: 09 Dec 2019 18:45

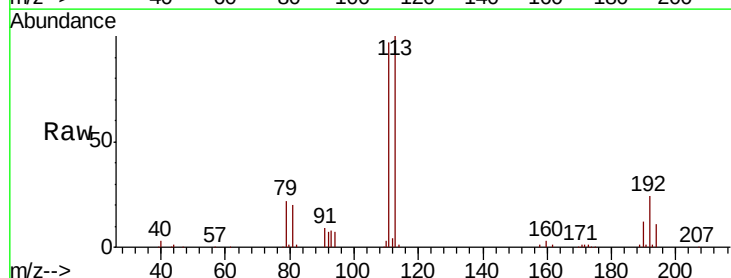
Tgt Ion:113 Resp: 281610

Ion Ratio Lower Upper

113 100

111 101.8 79.4 119.2

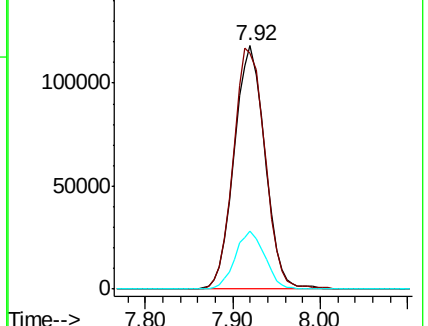
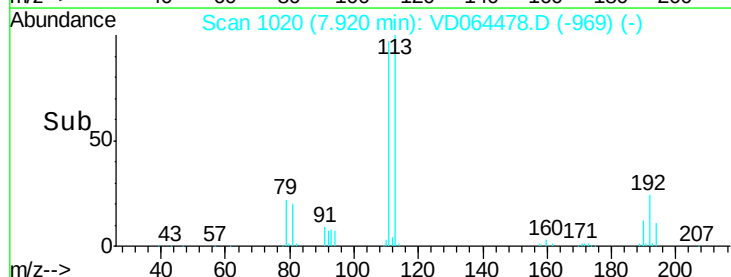
192 22.8 18.6 28.0

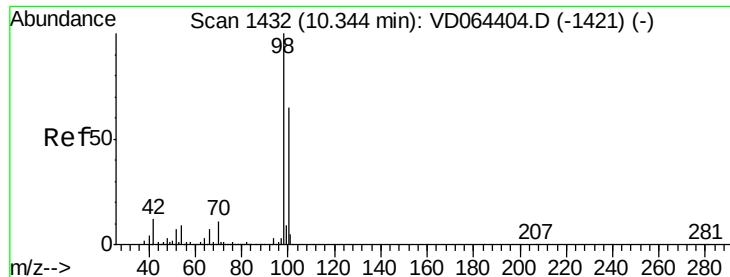


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

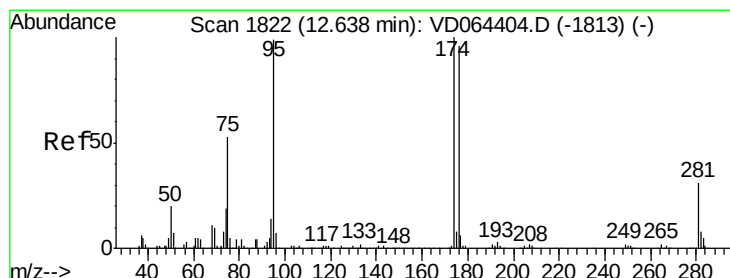
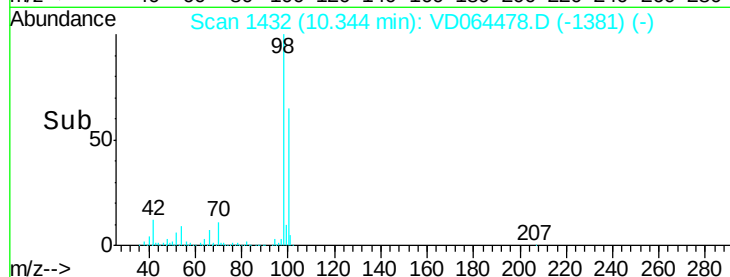
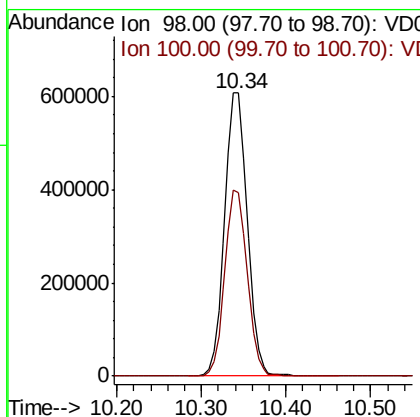
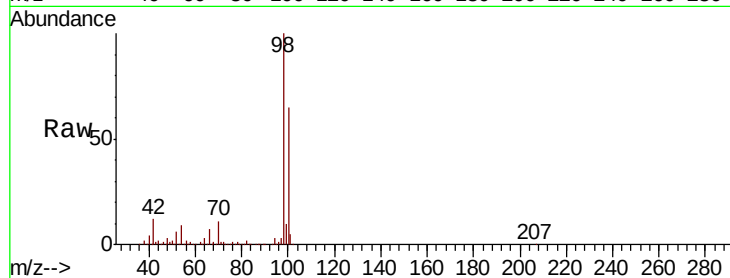




#50
Toluene-d8
Concen: 50.145 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064478.D
Acq: 09 Dec 2019 18:45

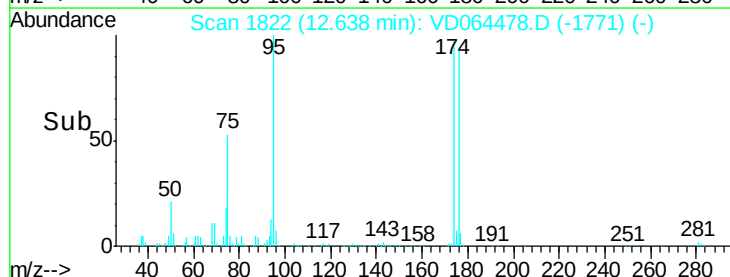
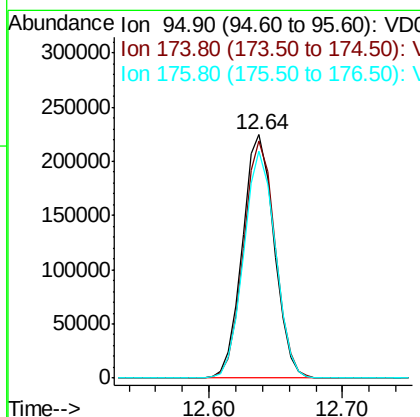
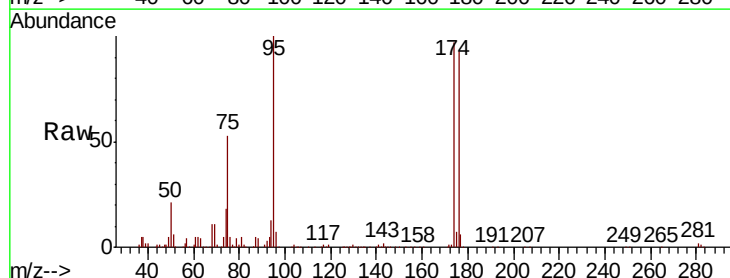
Instrument :
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ClientSampleId :
K165-WC-1

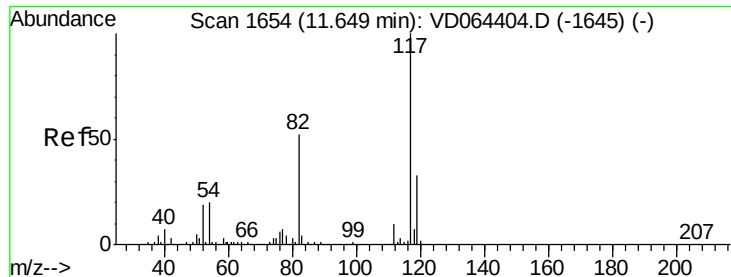
Tot Ion: 98 Resp: 1127682
Ion Ratio Lower Upper
98 100
100 65.1 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 50.926 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064478.D
Acq: 09 Dec 2019 18:45

Tgt Ion: 95 Resp: 368052
Ion Ratio Lower Upper
95 100
174 97.0 0.0 197.2
176 92.9 0.0 189.6

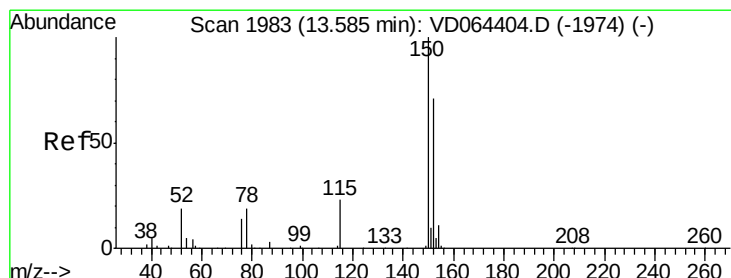
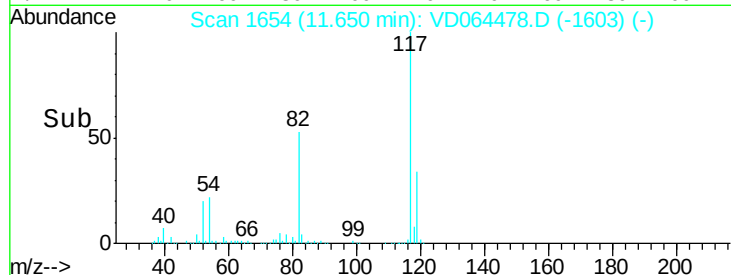
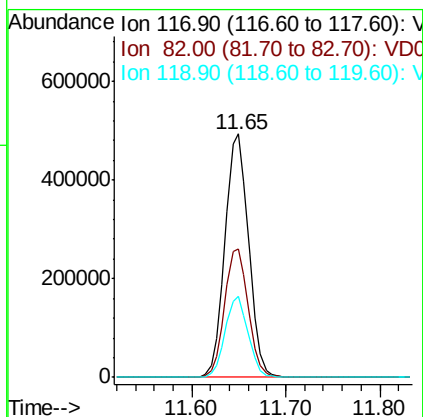
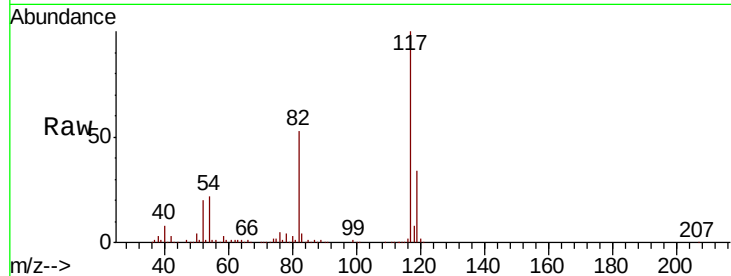




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064478.D
Acq: 09 Dec 2019 18:45

Instrument :
MSVOA_D
ClientSampleId :
K165-WC-1

Tot Ion:117 Resp: 863531
Ion Ratio Lower Upper
117 100
82 52.7 41.4 62.2
119 33.5 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: VD064478.D
Acq: 09 Dec 2019 18:45

Tgt Ion:152 Resp: 415730
Ion Ratio Lower Upper
152 100
115 53.9 26.7 80.1
150 158.3 0.0 347.2

