

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021020\
 Data File : VD065131.D
 Acq On : 10 Feb 2020 14:22
 Operator : VA/SY
 Sample : L1470-08
 Misc : 5.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PE-7-(BELOW-PIPE)-NW

Quant Time: Feb 11 08:24:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	500813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	802764	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	839216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	404491	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	229963	54.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.06%	
35) Dibromofluoromethane	7.92	113	249018	55.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.20%	
50) Toluene-d8	10.34	98	981486	55.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.10%	
62) 4-Bromofluorobenzene	12.64	95	362522	64.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.36%	

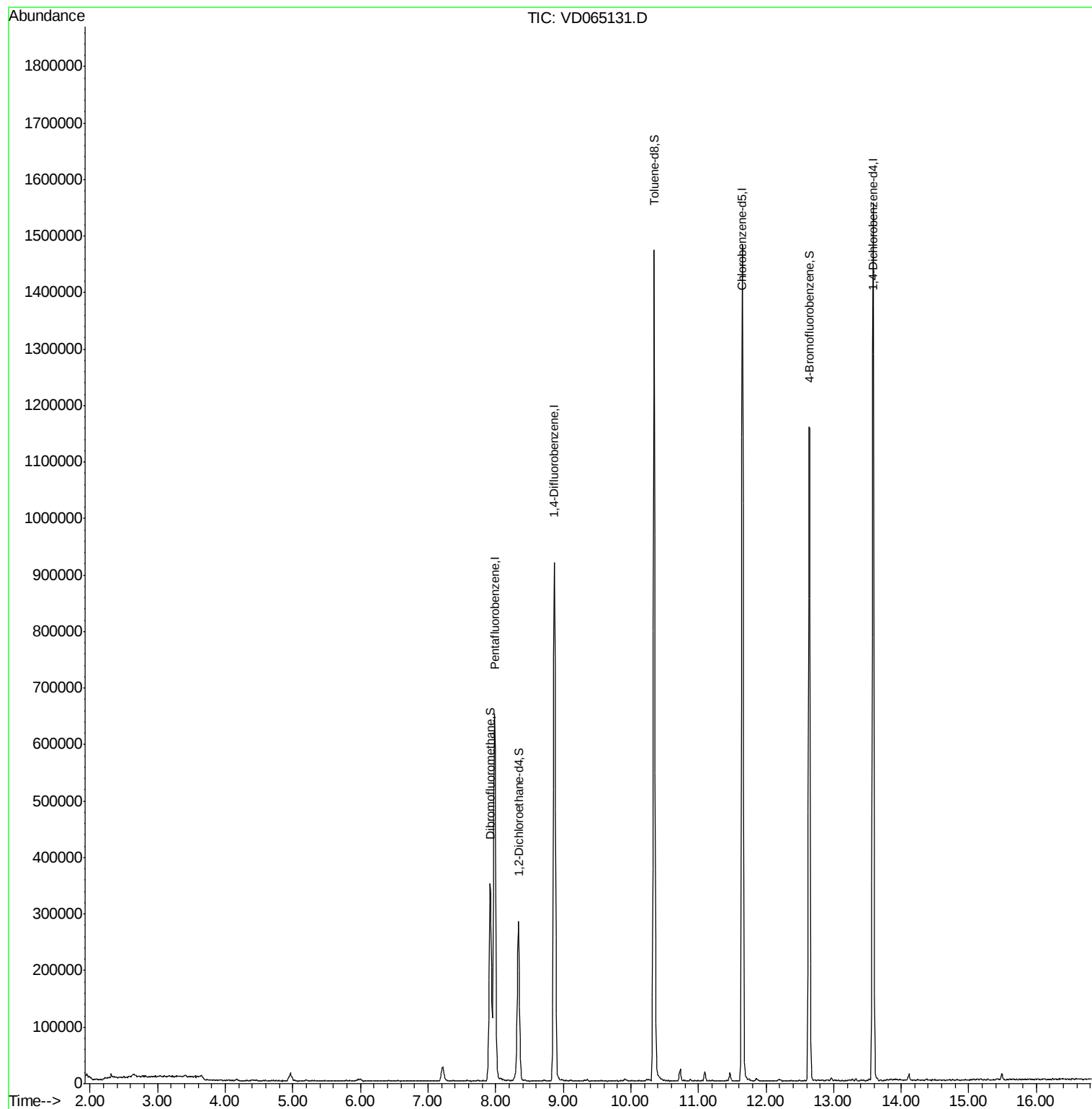
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065131.D

Acq: 10 Feb 2020 14:22

Instrument :

MSVOA_D

ClientSampleId :

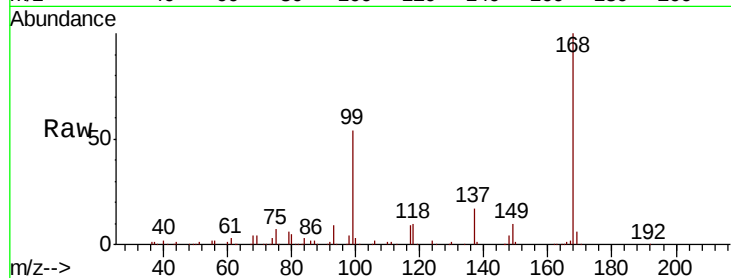
PE-7-(BELOW-PIPE)-NW

Tot Ion:168 Resp: 500813

Ion Ratio Lower Upper

168 100

99 53.5 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

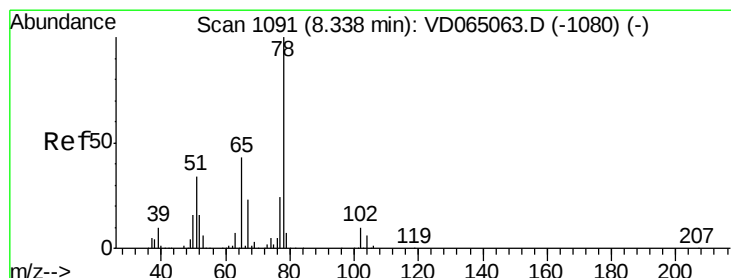
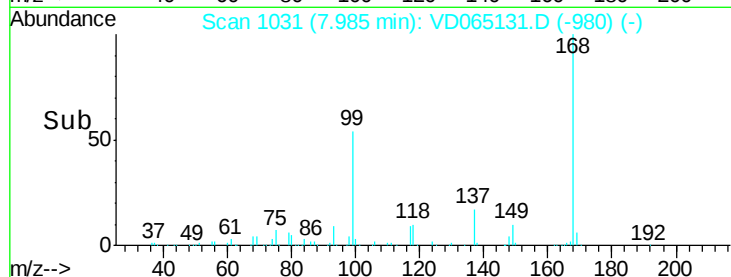
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.027 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065131.D

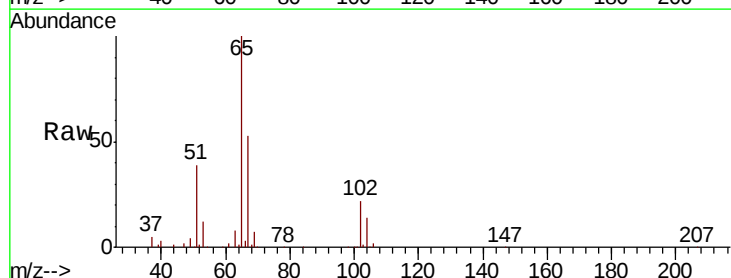
Acq: 10 Feb 2020 14:22

Tgt Ion: 65 Resp: 229963

Ion Ratio Lower Upper

65 100

67 51.5 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

120000

100000

80000

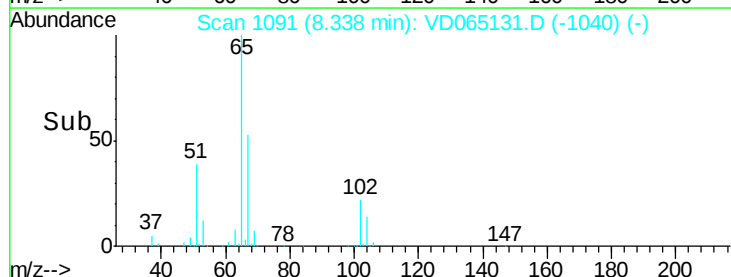
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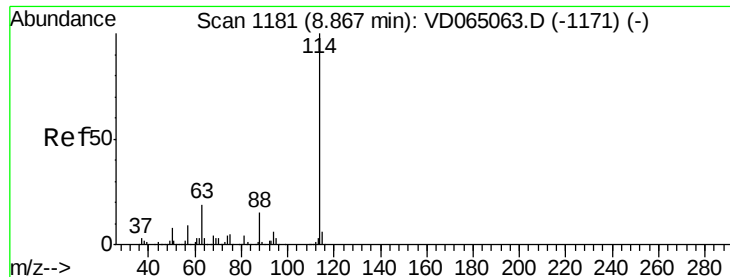
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20000

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Time-->

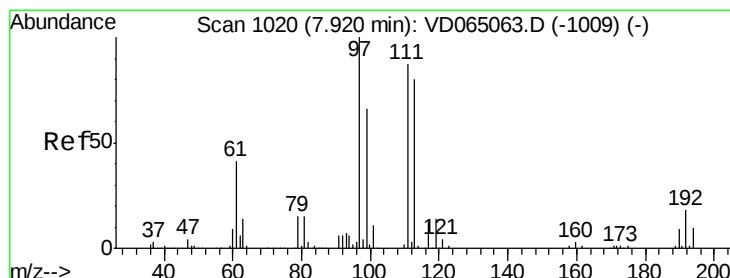
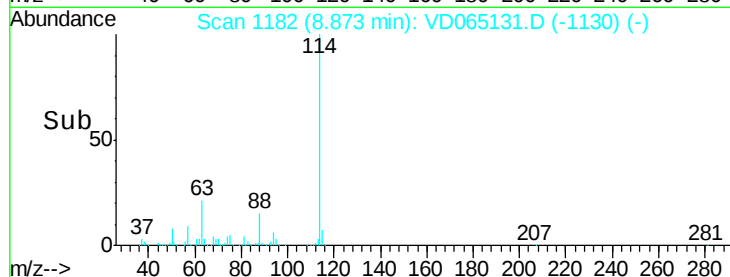
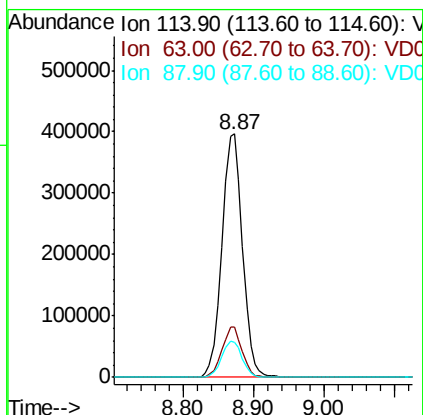
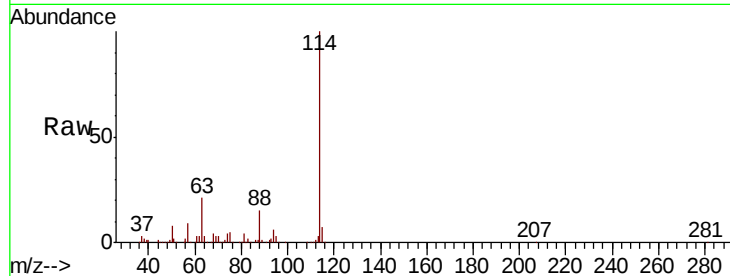




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD065131.D
 Acq: 10 Feb 2020 14:22

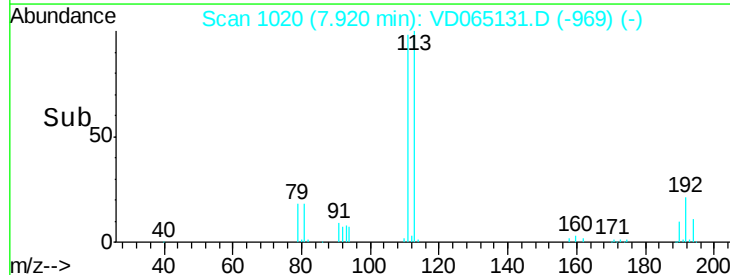
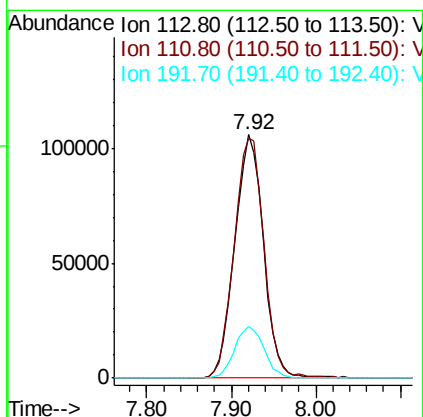
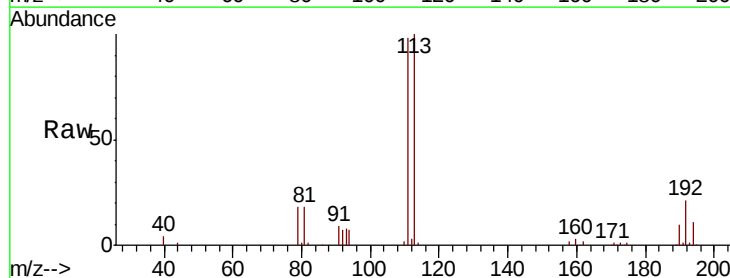
Instrument :
 MSVOA_D
 ClientSampleId :
 PE-7-(BELOW-PIPE)-NW

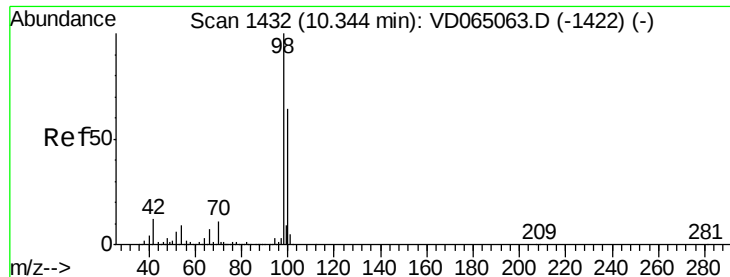
Tot Ion:114 Resp: 802764
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 38.8
 88 14.6 0.0 29.6



#35
 Dibromofluoromethane
 Concen: 55.598 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065131.D
 Acq: 10 Feb 2020 14:22

Tgt Ion:113 Resp: 249018
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.1 124.7
 192 21.8 18.1 27.1

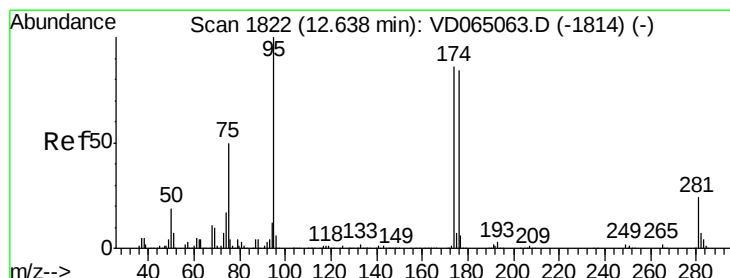
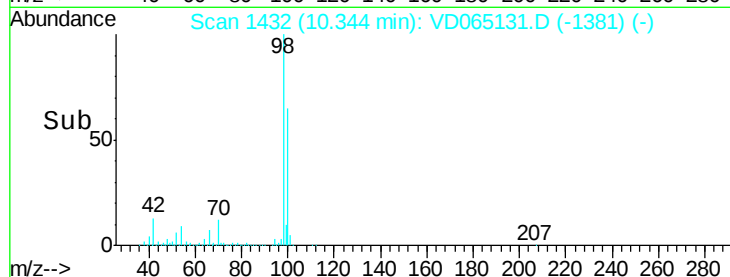
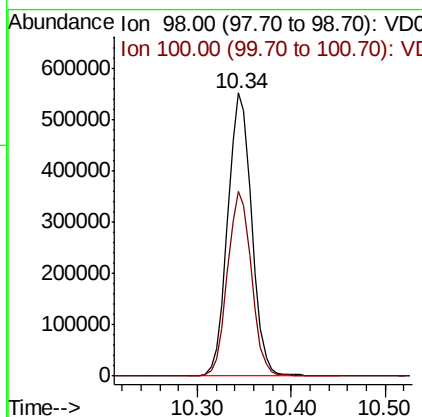
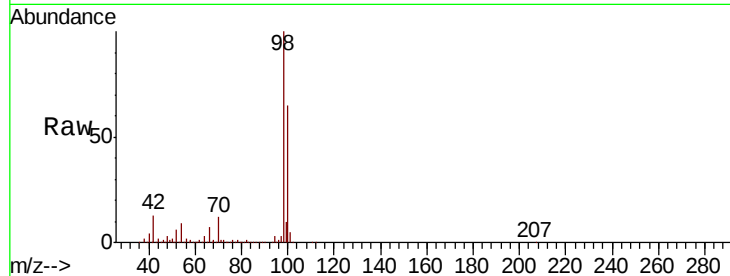




#50
Toluene-d8
Concen: 55.055 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065131.D
Acq: 10 Feb 2020 14:22

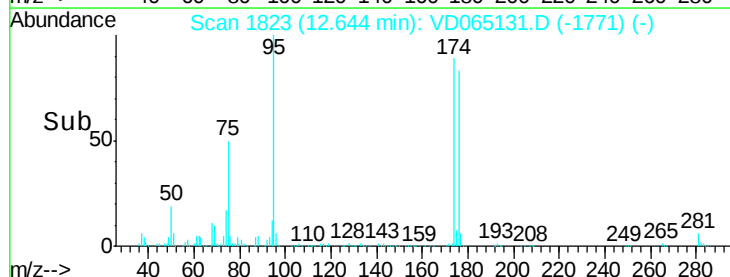
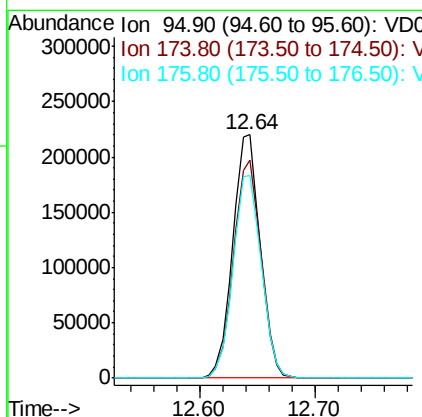
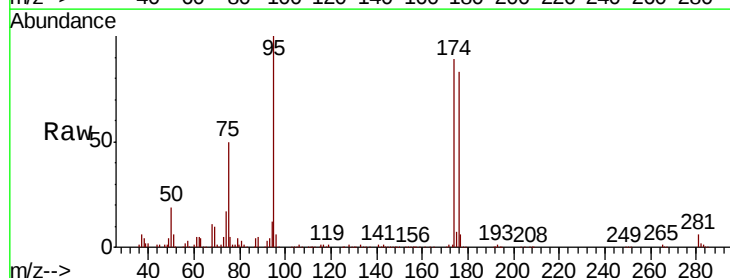
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ClientSampleId :
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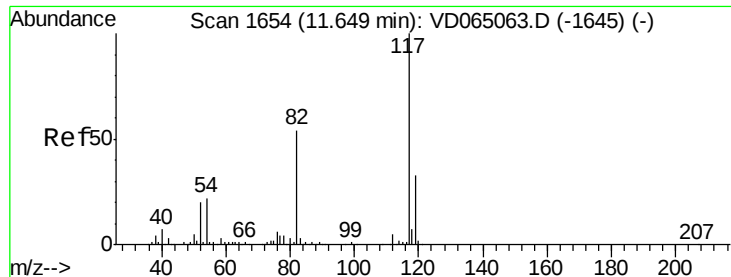
Tot Ion: 98 Resp: 981486
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 64.176 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065131.D
Acq: 10 Feb 2020 14:22

Tgt Ion: 95 Resp: 362522
Ion Ratio Lower Upper
95 100
174 90.6 0.0 180.0
176 85.6 0.0 173.2

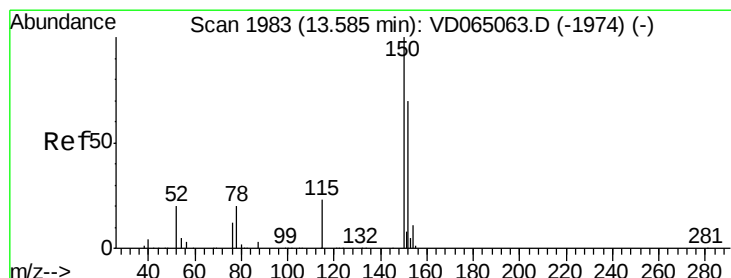
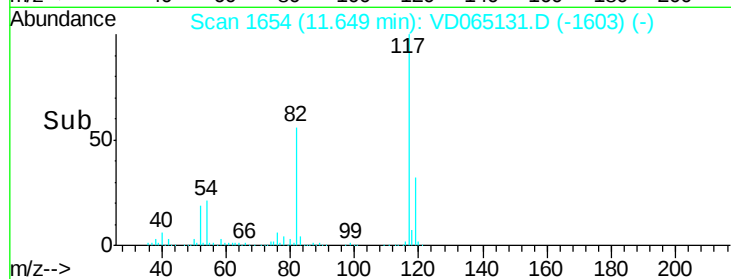
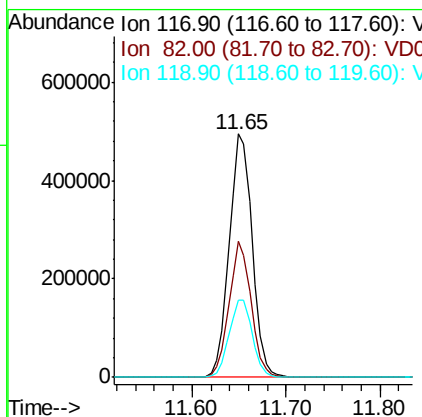
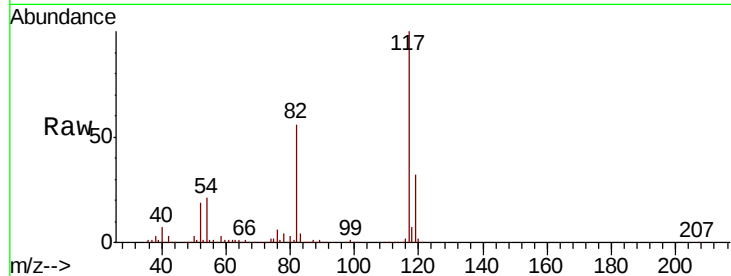




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065131.D
Acq: 10 Feb 2020 14:22

Instrument :
MSVOA_D
ClientSampleId :
PE-7-(BELOW-PIPE)-NW

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	43.1	64.7
119	31.6	26.0	39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065131.D
Acq: 10 Feb 2020 14:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.6	27.5	82.4
150	159.2	0.0	343.2

