

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012820\
 Data File : VD064983.D
 Acq On : 28 Jan 2020 18:19
 Operator : VA/SY
 Sample : L1289-17
 Misc : 9.80G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-32-33

Quant Time: Jan 29 02:56:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

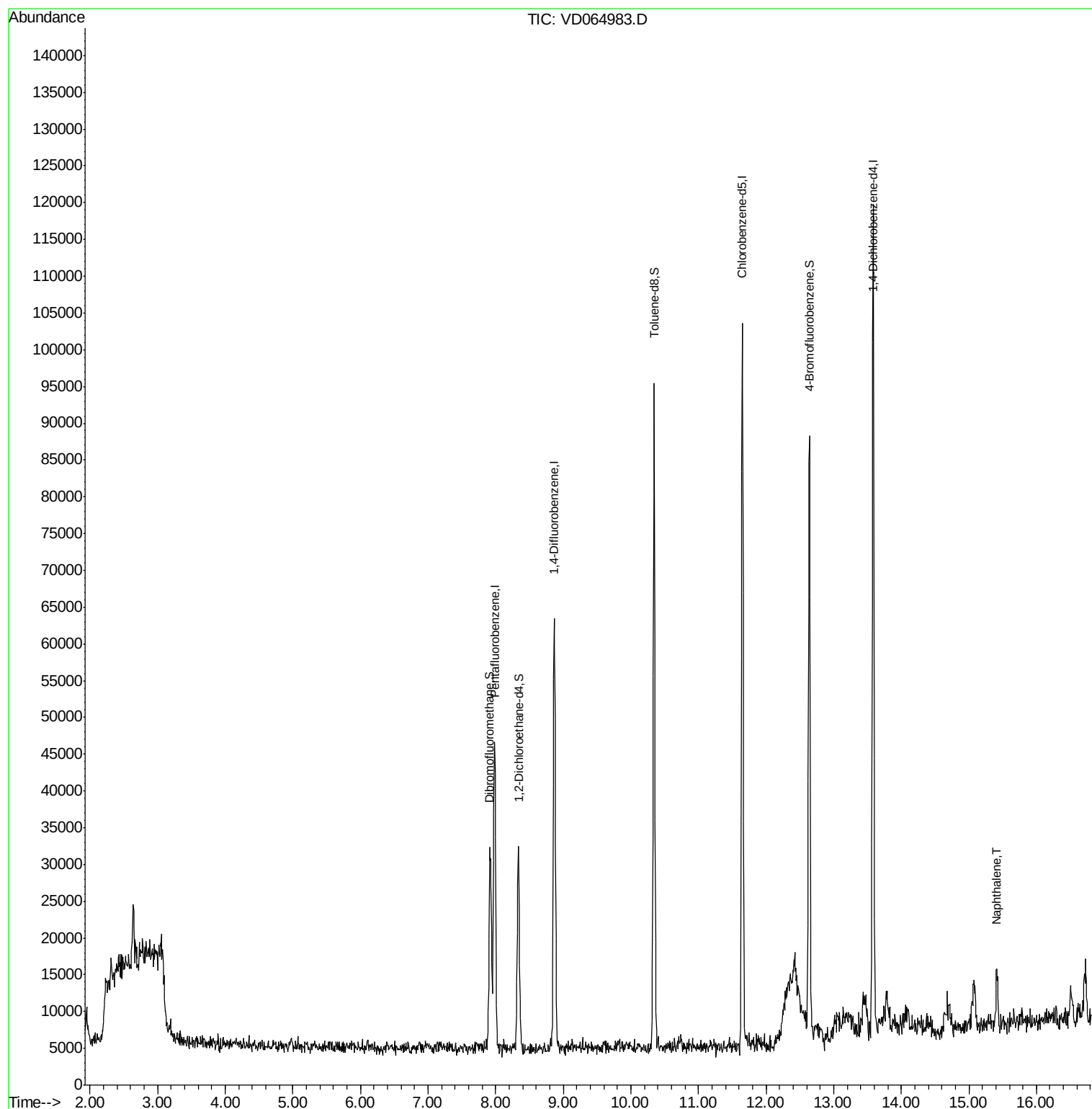
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	32896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	49888	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	53453	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.59	152	29288	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	22598	71.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	143.24%	
35) Dibromofluoromethane	7.92	113	19955	63.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.30%	
50) Toluene-d8	10.34	98	59100	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
62) 4-Bromofluorobenzene	12.64	95	25042	67.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	135.26%	
Target Compounds						
95) Naphthalene	15.41	128	7286	8.179	ug/l #	Qvalue 82

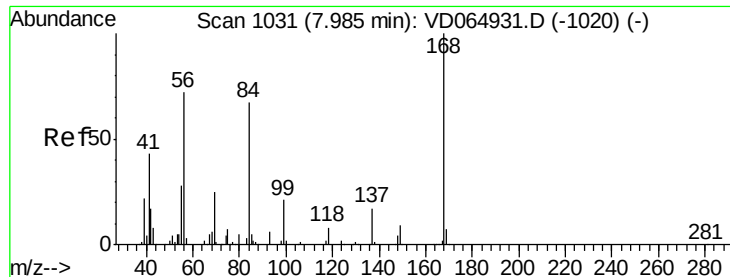
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

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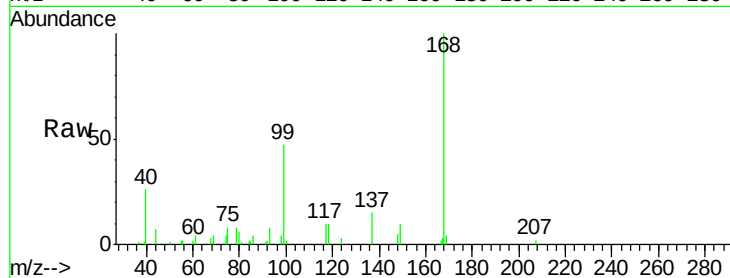
TP-32-33

Tot Ion:168 Resp: 32896

Ion Ratio Lower Upper

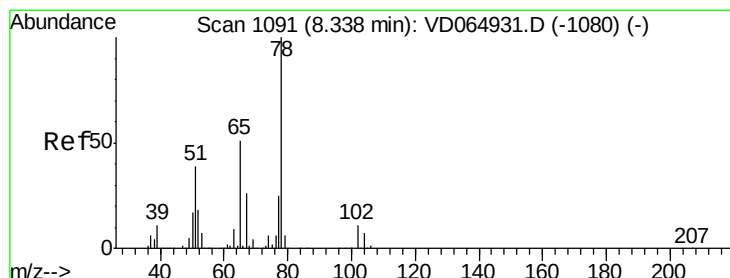
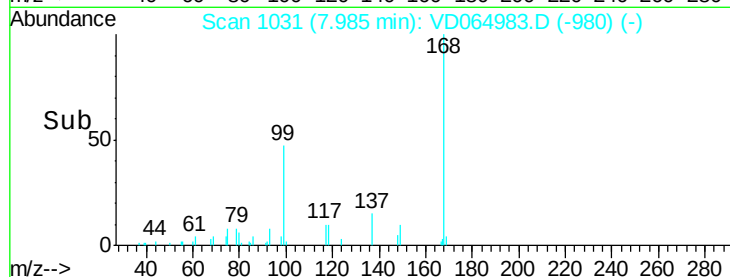
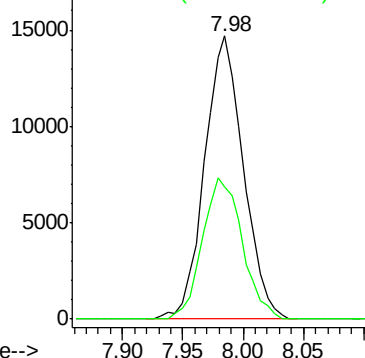
168 100

99 46.8 43.3 64.9



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: 71.616 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064983.D

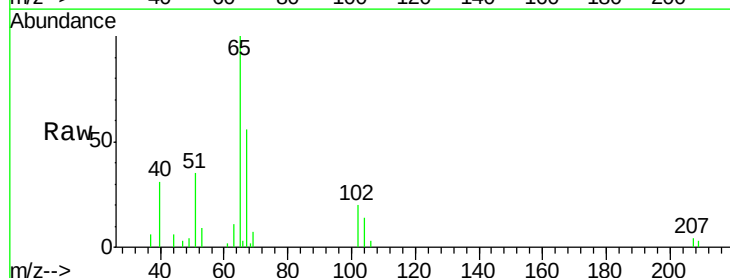
Acq: 28 Jan 2020 18:19

Tgt Ion: 65 Resp: 22598

Ion Ratio Lower Upper

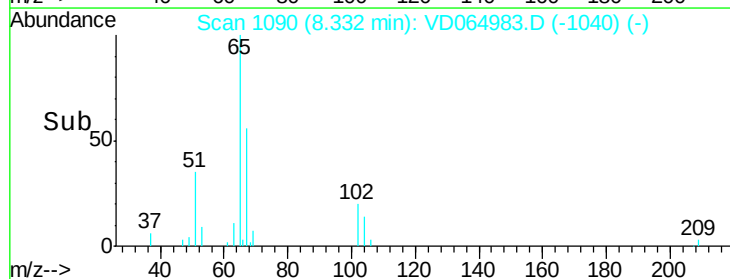
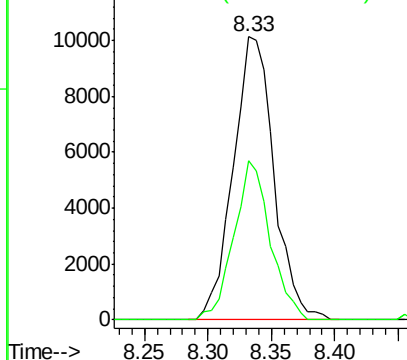
65 100

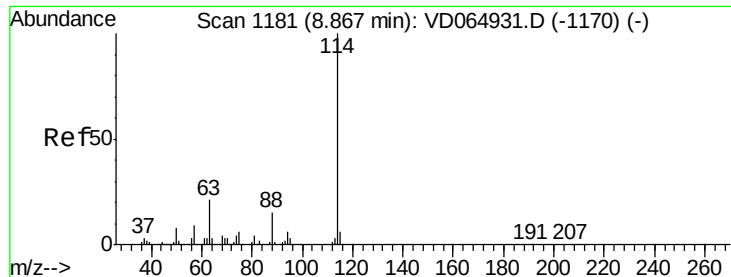
67 49.9 0.0 103.6



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# 1182

Delta R.T. 0.01 min

Lab File: VD064983.D

Acq: 28 Jan 2020 18:19

Instrument :

MSVOA_D

ClientSampleId :

TP-32-33

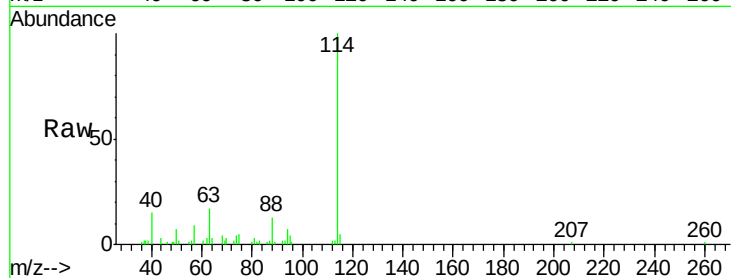
Tot Ion:114 Resp: 49888

Ion Ratio Lower Upper

114 100

63 16.7 0.0 42.0

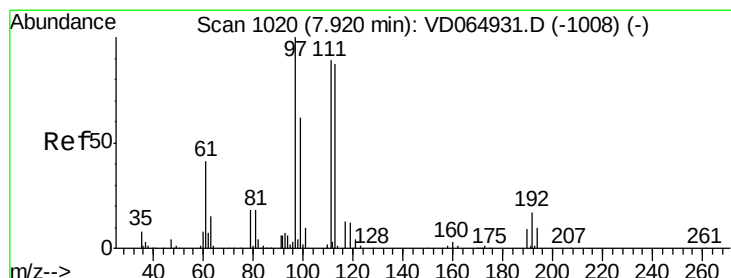
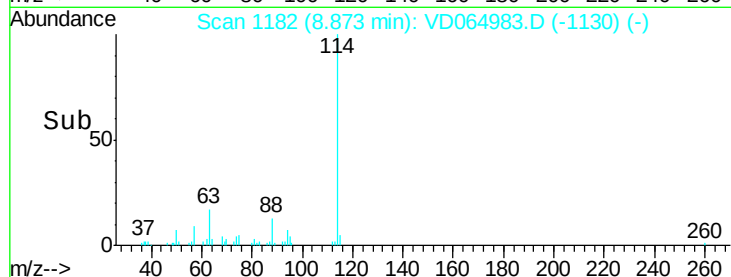
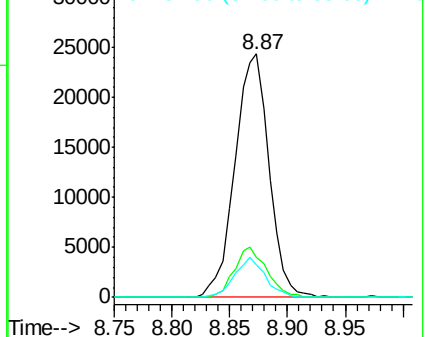
88 13.1 0.0 29.4



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: 63.652 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD064983.D

Acq: 28 Jan 2020 18:19

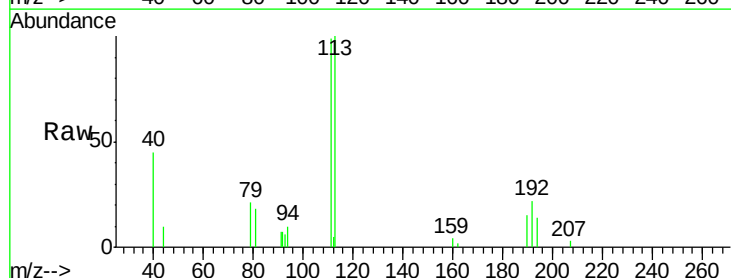
Tgt Ion:113 Resp: 19955

Ion Ratio Lower Upper

113 100

111 95.3 82.4 123.6

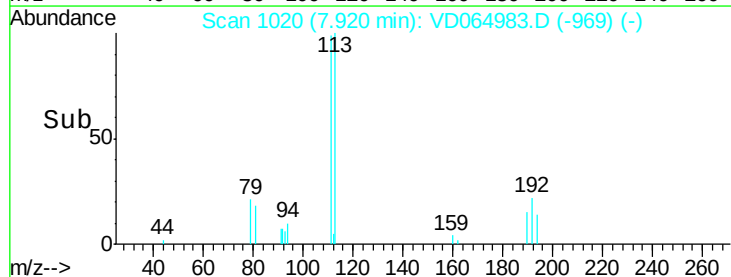
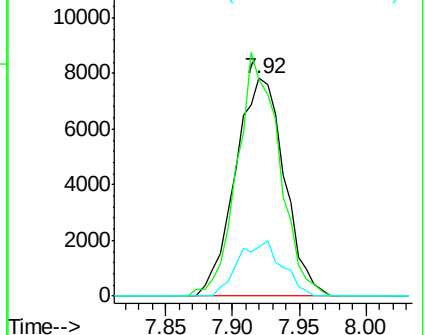
192 22.7 16.9 25.3

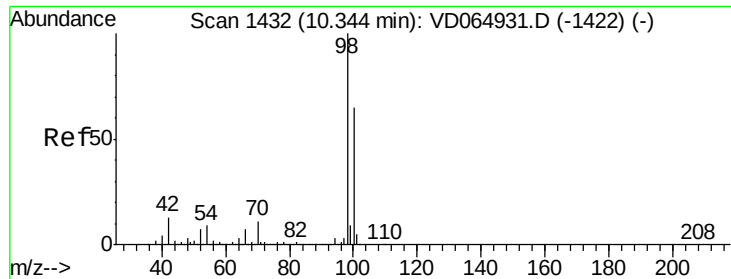


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.843 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064983.D

Acq: 28 Jan 2020 18:19

Instrument :

MSVOA_D

ClientSampleId :

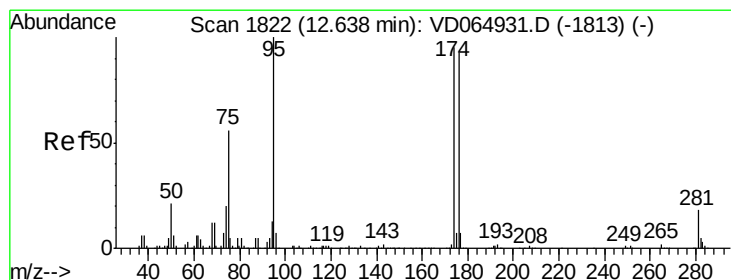
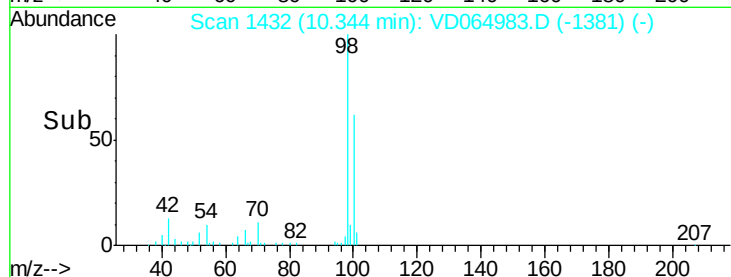
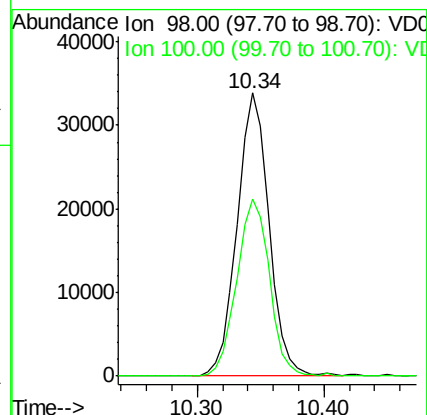
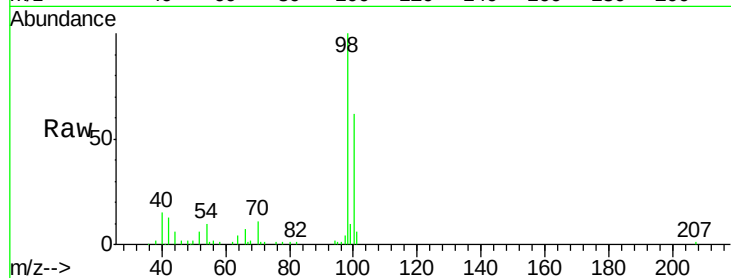
TP-32-33

Tot Ion: 98 Resp: 59100

Ion Ratio Lower Upper

98 100

100 63.9 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 67.629 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD064983.D

Acq: 28 Jan 2020 18:19

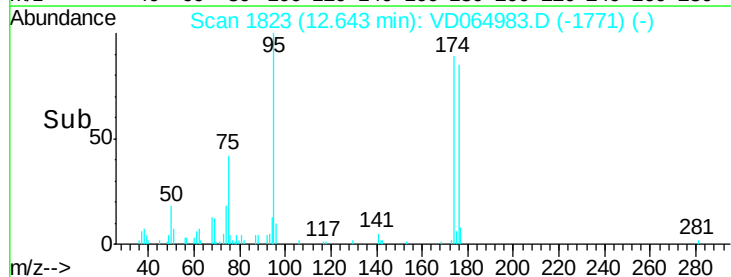
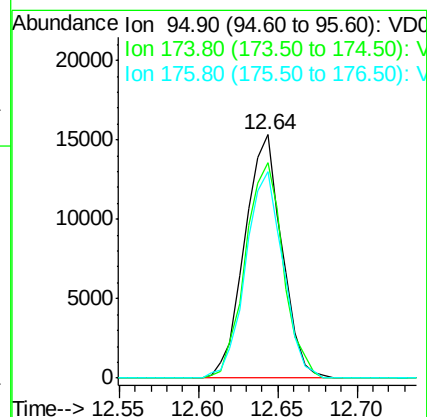
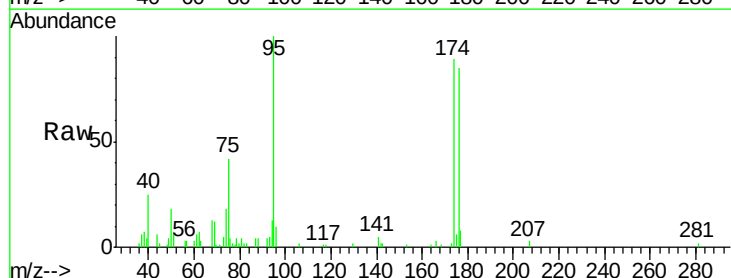
Tgt Ion: 95 Resp: 25042

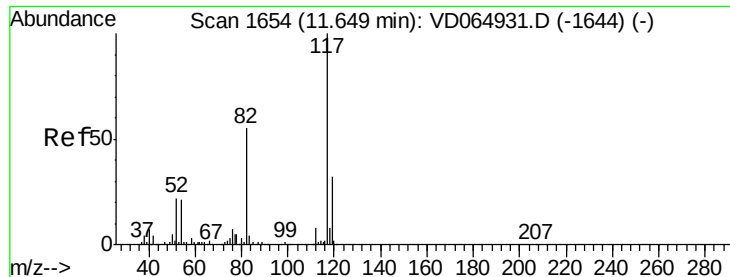
Ion Ratio Lower Upper

95 100

174 89.7 0.0 186.8

176 84.9 0.0 183.4

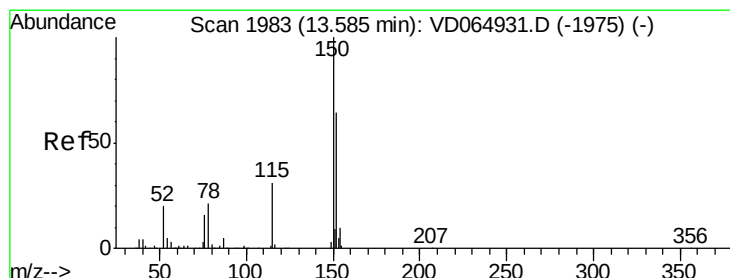
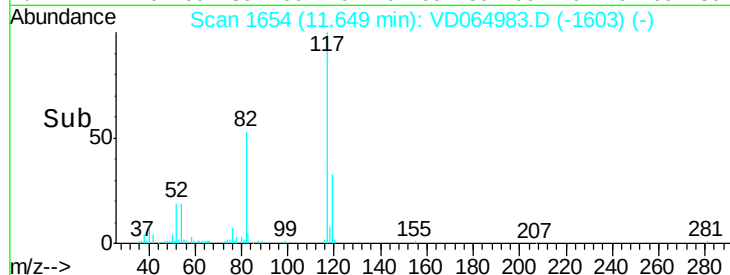
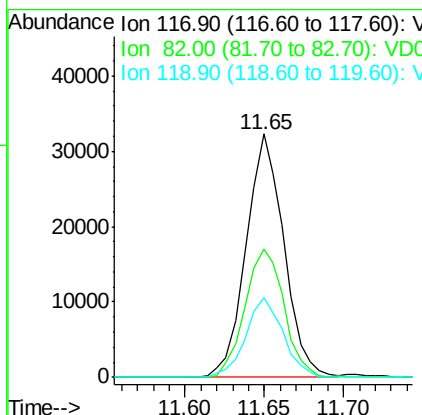
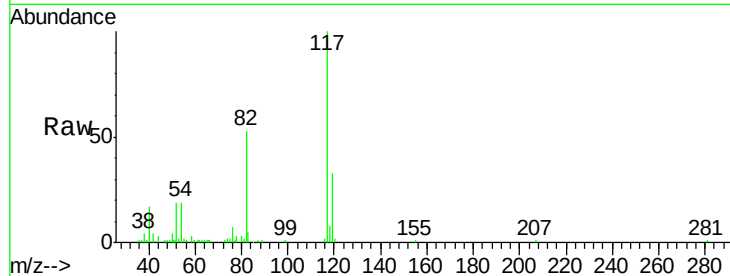




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064983.D
Acq: 28 Jan 2020 18:19

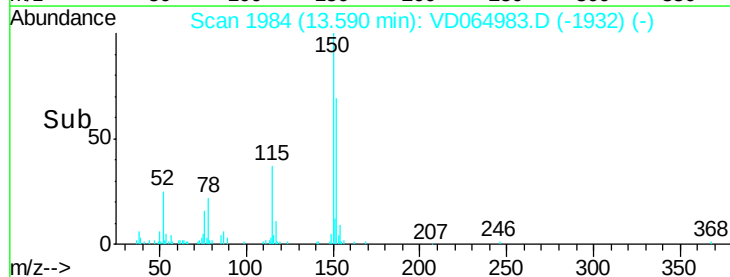
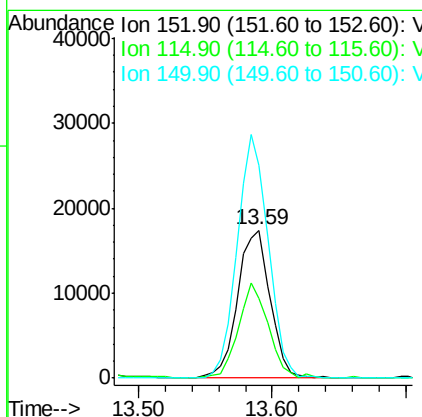
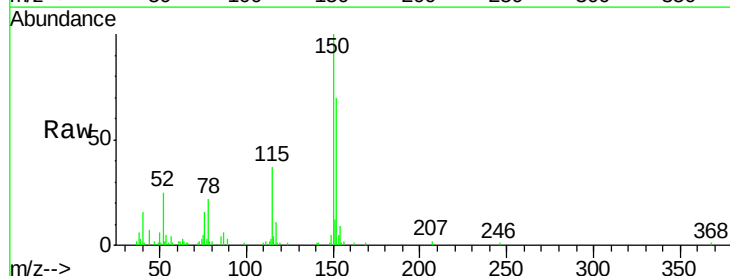
Instrument :
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TP-32-33

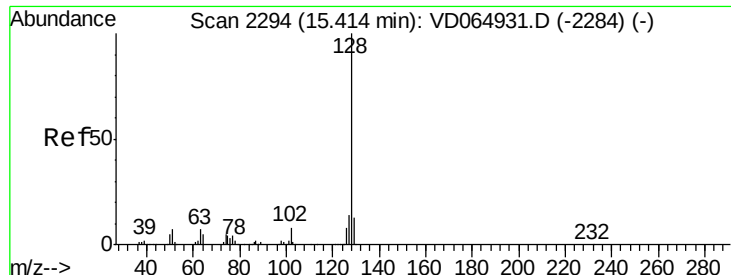
Tot Ion:117 Resp: 53453
Ion Ratio Lower Upper
117 100
82 52.7 43.6 65.4
119 32.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.59 min Scan# 1984
Delta R.T. 0.01 min
Lab File: VD064983.D
Acq: 28 Jan 2020 18:19

Tgt Ion:152 Resp: 29288
Ion Ratio Lower Upper
152 100
115 59.3 28.1 84.4
150 157.0 0.0 350.4





#95
Naphthalene
Concen: 8.179 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VD064983.D
Acq: 28 Jan 2020 18:19

Instrument :
MSVOA_D
ClientSampleId :
TP-32-33

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	15.8#
129	11.2	9.3	13.9

