

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012720\
 Data File : VD064961.D
 Acq On : 27 Jan 2020 14:01
 Operator : VA/SY
 Sample : L1237-01RE
 Misc : 8.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PATERSON-USTRE

Quant Time: Jan 27 15:39:25 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

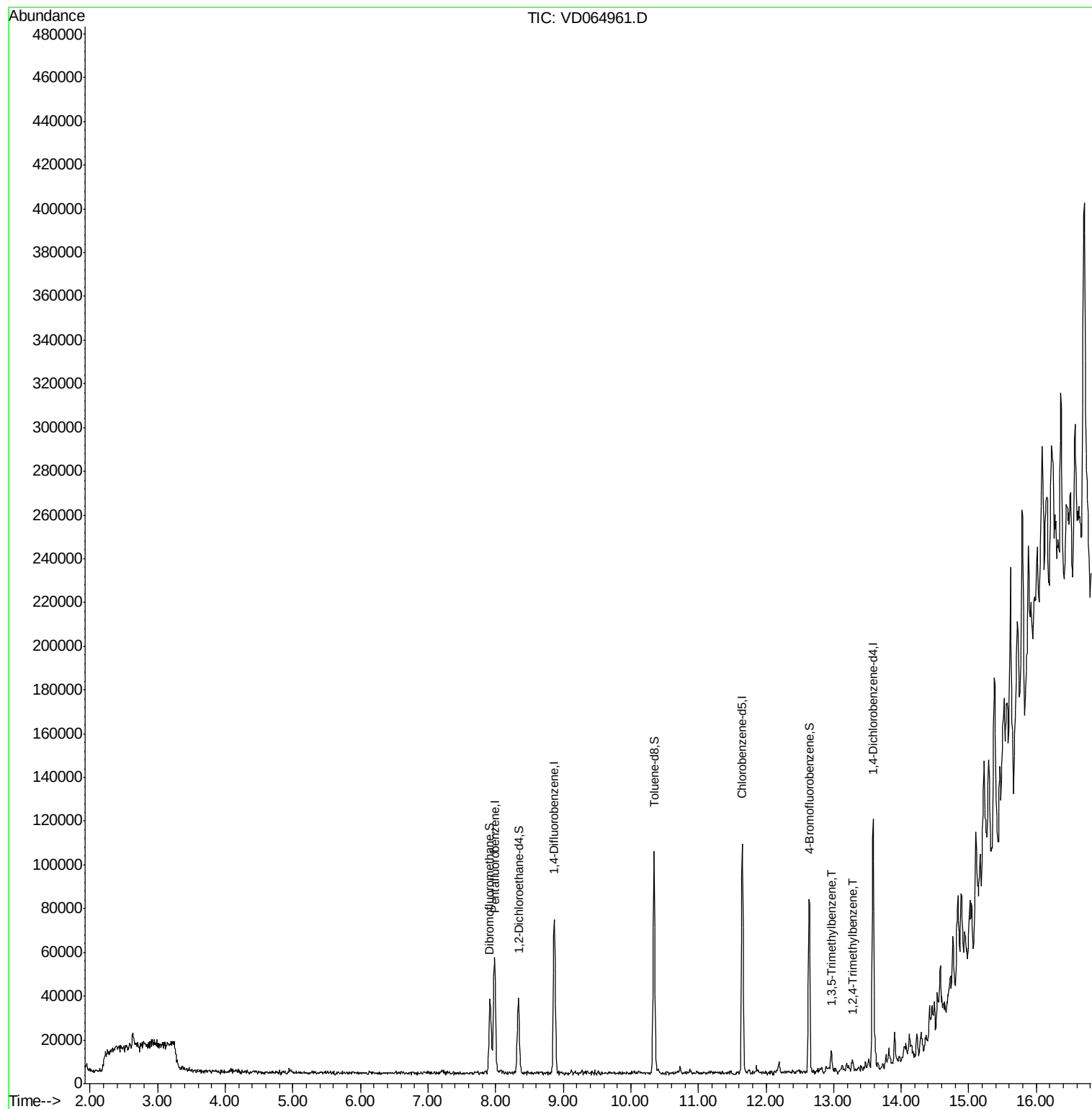
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	40077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	58857	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	59320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	30727	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	27540	71.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	143.28%	
35) Dibromofluoromethane	7.91	113	23932	64.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.40%	
50) Toluene-d8	10.34	98	69084	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
62) 4-Bromofluorobenzene	12.64	95	25550	58.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.98%	
Target Compounds						
80) 1,3,5-Trimethylbenzene	12.97	105	3885	2.257	ug/l	96
84) 1,2,4-Trimethylbenzene	13.28	105	2769	1.588	ug/l	94

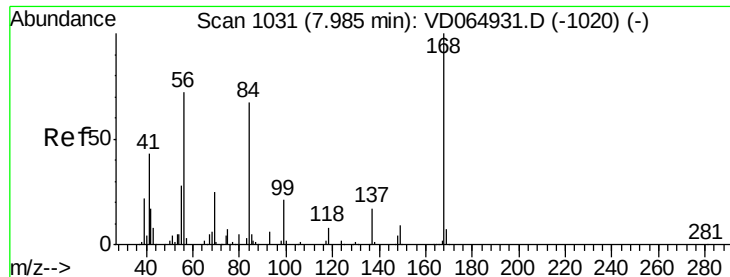
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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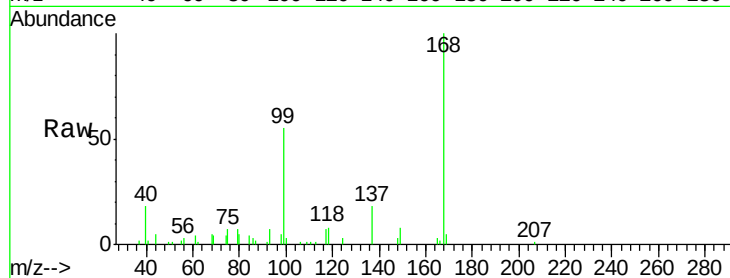
PATERSON-USTRE

Tot Ion:168 Resp: 40077

Ion Ratio Lower Upper

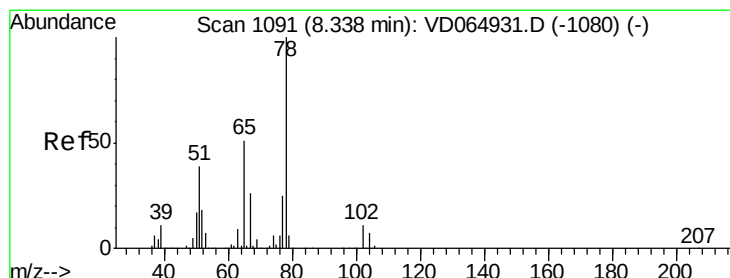
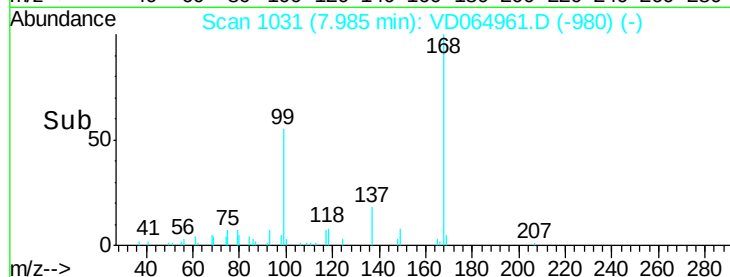
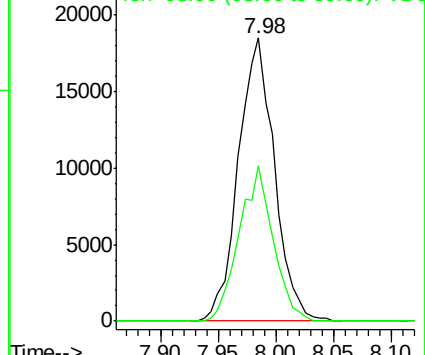
168 100

99 55.0 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: 71.639 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064961.D

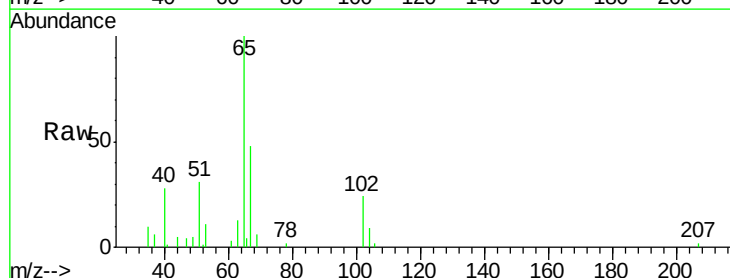
Acq: 27 Jan 2020 14:01

Tgt Ion: 65 Resp: 27540

Ion Ratio Lower Upper

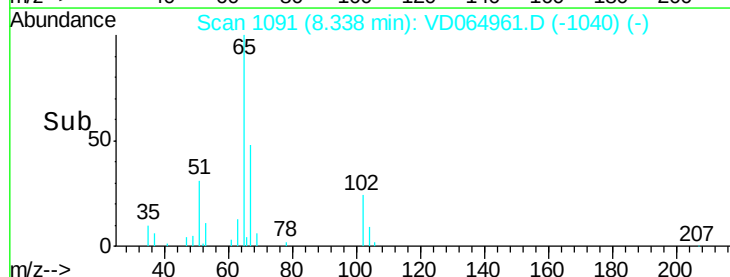
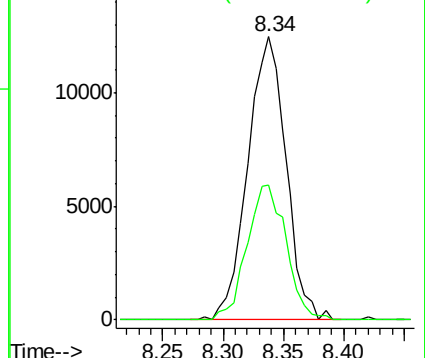
65 100

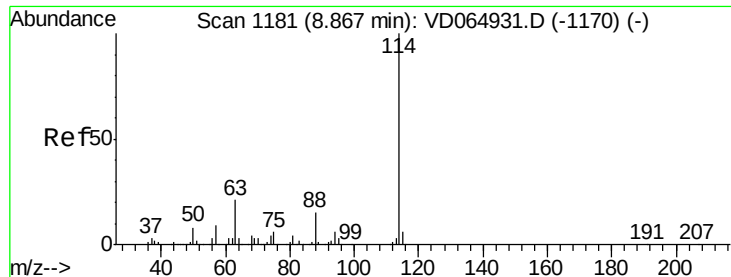
67 48.9 0.0 103.6



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# 1181

Delta R.T. -0.00 min

Lab File: VD064961.D

Acq: 27 Jan 2020 14:01

Instrument :

MSVOA_D

ClientSampleId :

PATERSON-USTRE

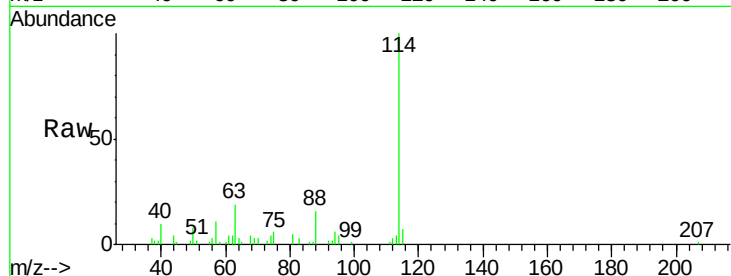
Tot Ion:114 Resp: 58857

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.0

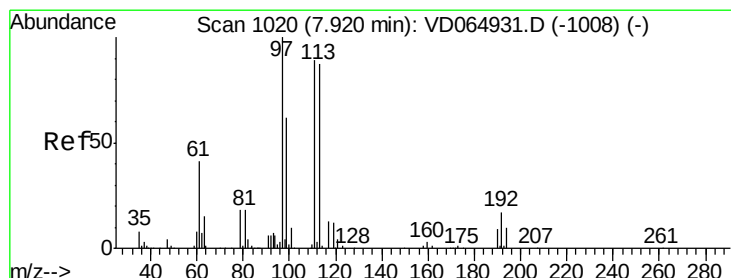
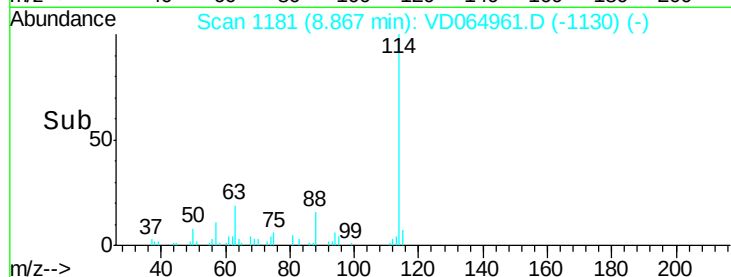
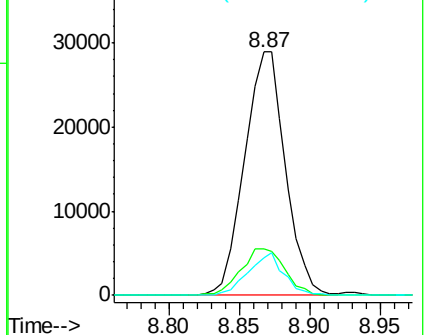
88 15.6 0.0 29.4



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: 64.705 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD064961.D

Acq: 27 Jan 2020 14:01

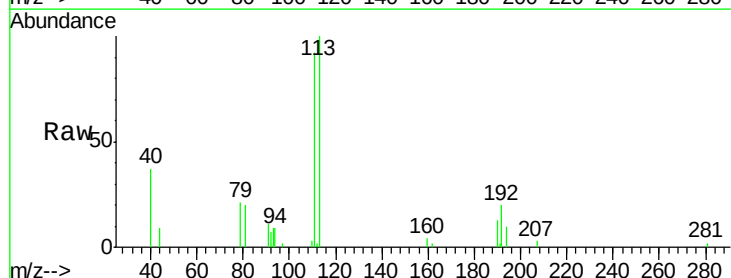
Tgt Ion:113 Resp: 23932

Ion Ratio Lower Upper

113 100

111 96.9 82.4 123.6

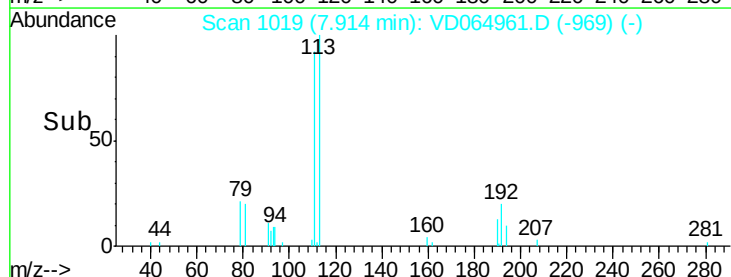
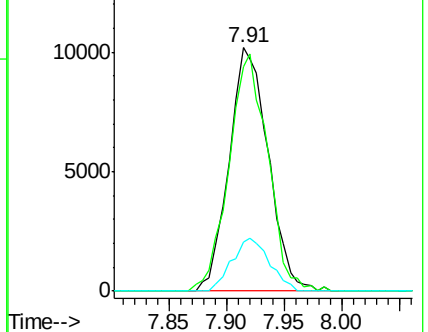
192 20.8 16.9 25.3

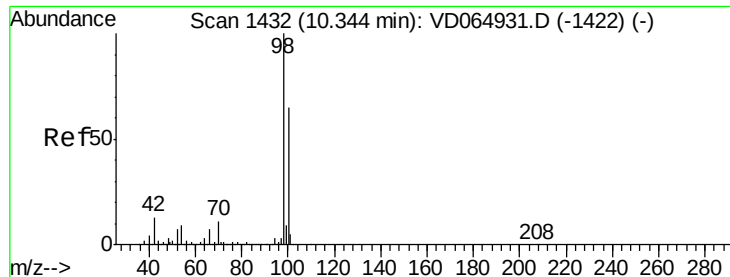


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

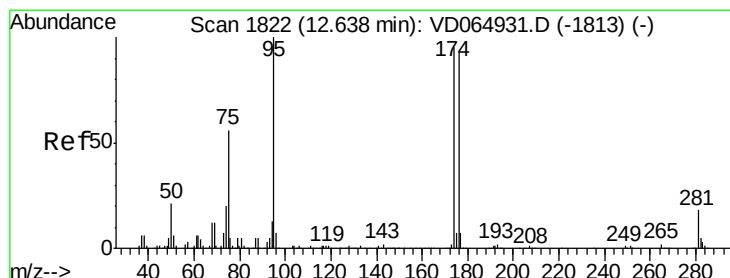
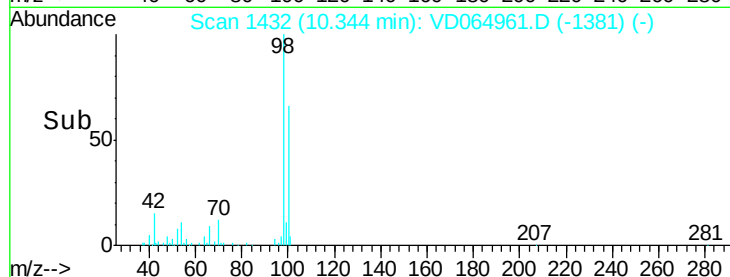
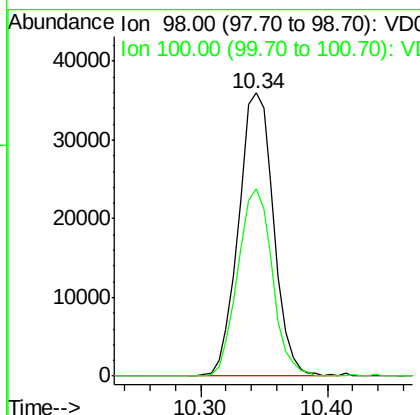
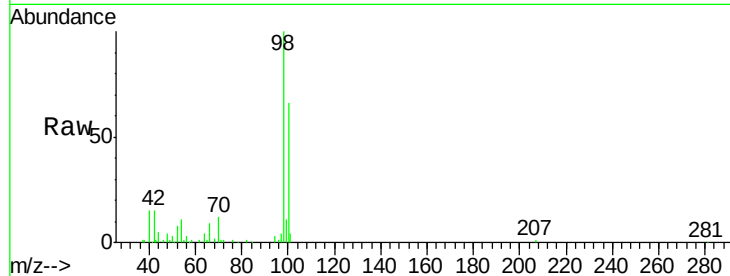




#50
Toluene-d8
Concen: 48.394 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064961.D
Acq: 27 Jan 2020 14:01

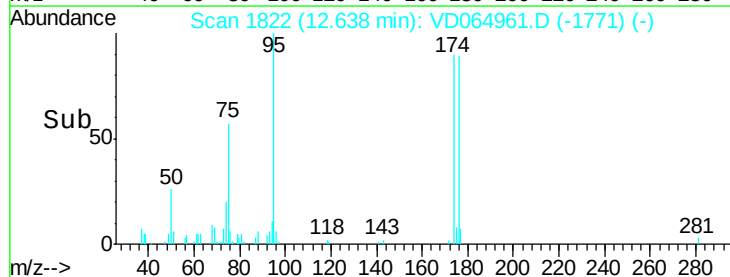
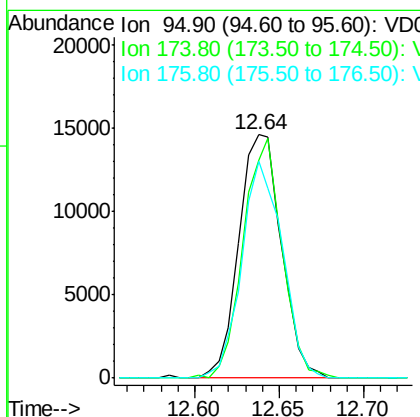
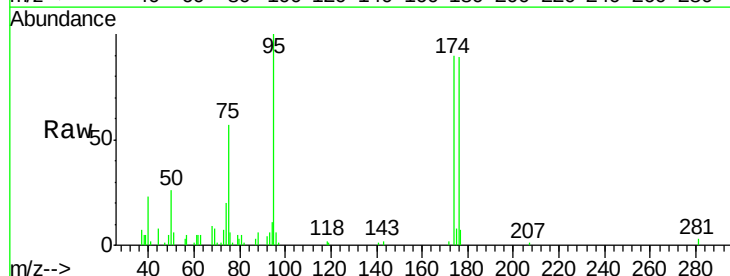
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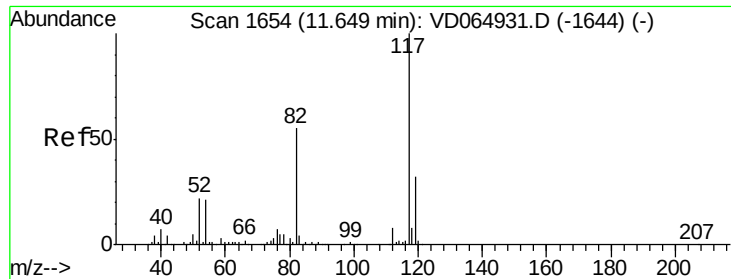
Tot Ion: 98 Resp: 69084
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 58.486 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064961.D
Acq: 27 Jan 2020 14:01

Tgt Ion: 95 Resp: 25550
Ion Ratio Lower Upper
95 100
174 89.9 0.0 186.8
176 85.4 0.0 183.4

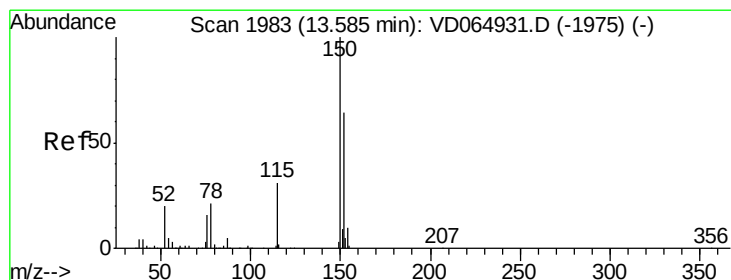
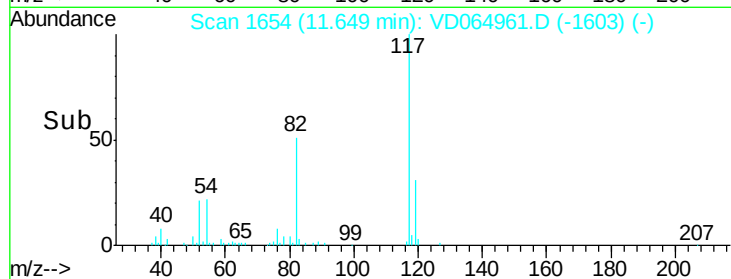
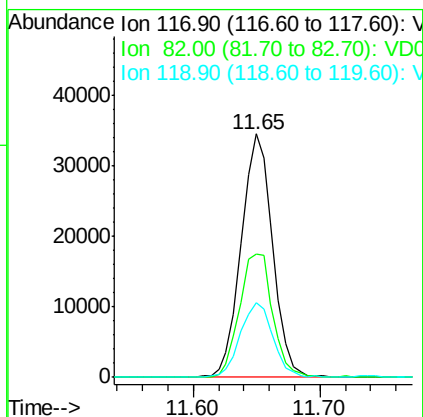
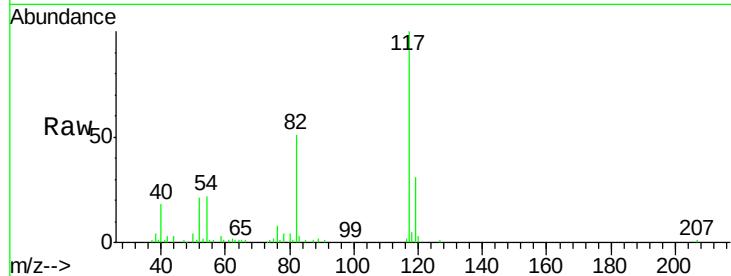




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064961.D
Acq: 27 Jan 2020 14:01

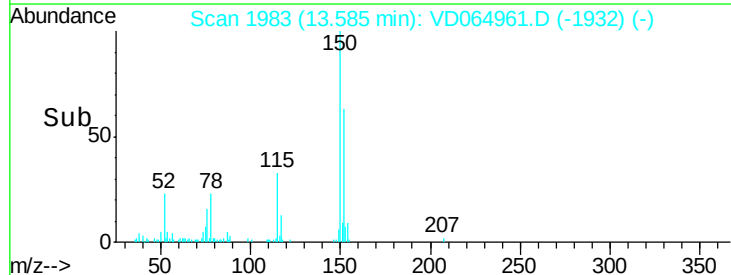
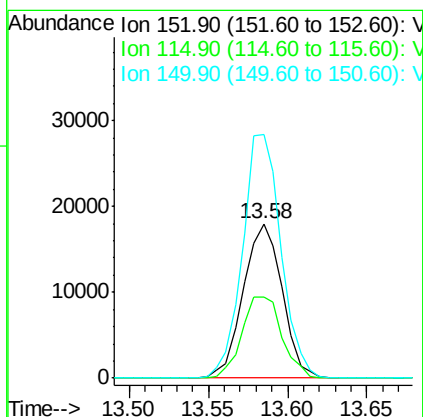
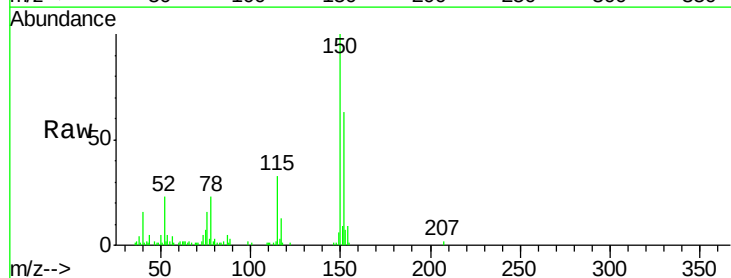
Instrument :
MSVOA_D
ClientSampleId :
PATERSON-USTRE

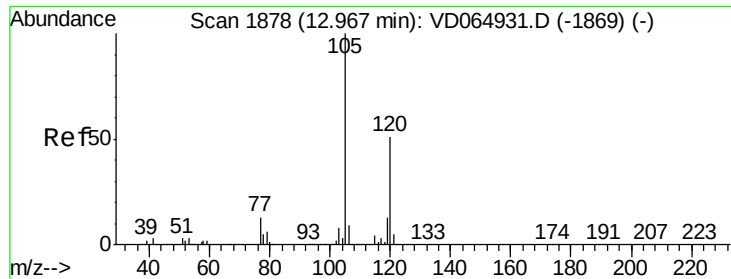
Tot Ion:117 Resp: 59320
Ion Ratio Lower Upper
117 100
82 50.9 43.6 65.4
119 30.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064961.D
Acq: 27 Jan 2020 14:01

Tgt Ion:152 Resp: 30727
Ion Ratio Lower Upper
152 100
115 54.2 28.1 84.4
150 155.6 0.0 350.4





#80

1,3,5-Trimethylbenzene

Concen: 2.257 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD064961.D

Acq: 27 Jan 2020 14:01

Instrument :

MSVOA_D

ClientSampleId :

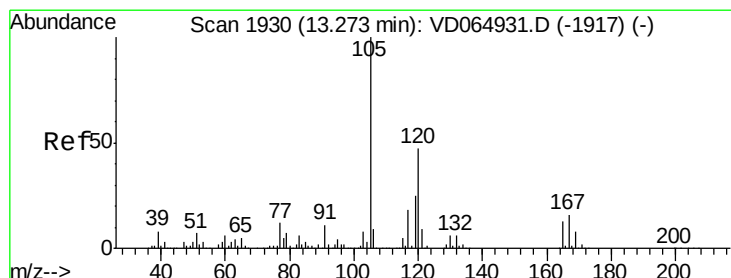
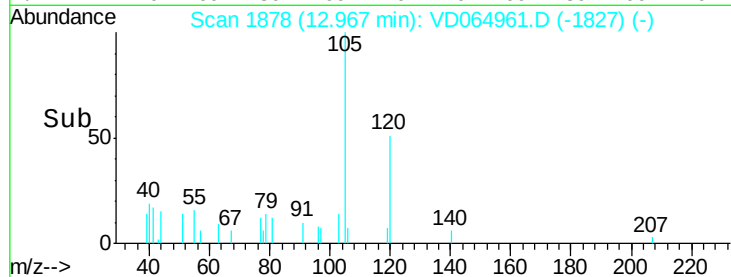
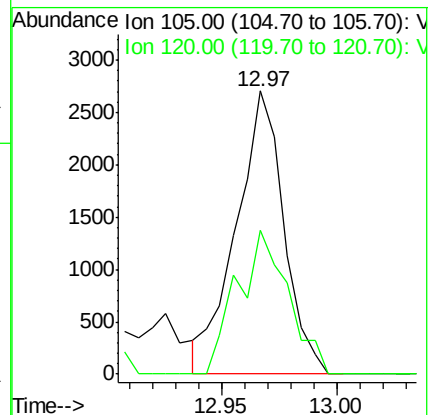
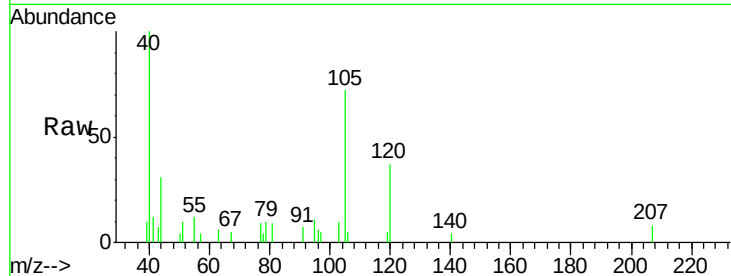
PATERSON-USTRE

Tot Ion:105 Resp: 3885

Ion Ratio Lower Upper

105 100

120 54.3 25.6 76.8



#84

1,2,4-Trimethylbenzene

Concen: 1.588 ug/l

RT: 13.28 min Scan# 1931

Delta R.T. 0.01 min

Lab File: VD064961.D

Acq: 27 Jan 2020 14:01

Tgt Ion:105 Resp: 2769

Ion Ratio Lower Upper

105 100

120 42.2 23.1 69.3

