

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012720\
 Data File : VD064962.D
 Acq On : 27 Jan 2020 14:30
 Operator : VA/SY
 Sample : L1017-07
 Misc : 7.03G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-012420

Quant Time: Jan 27 15:41:00 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

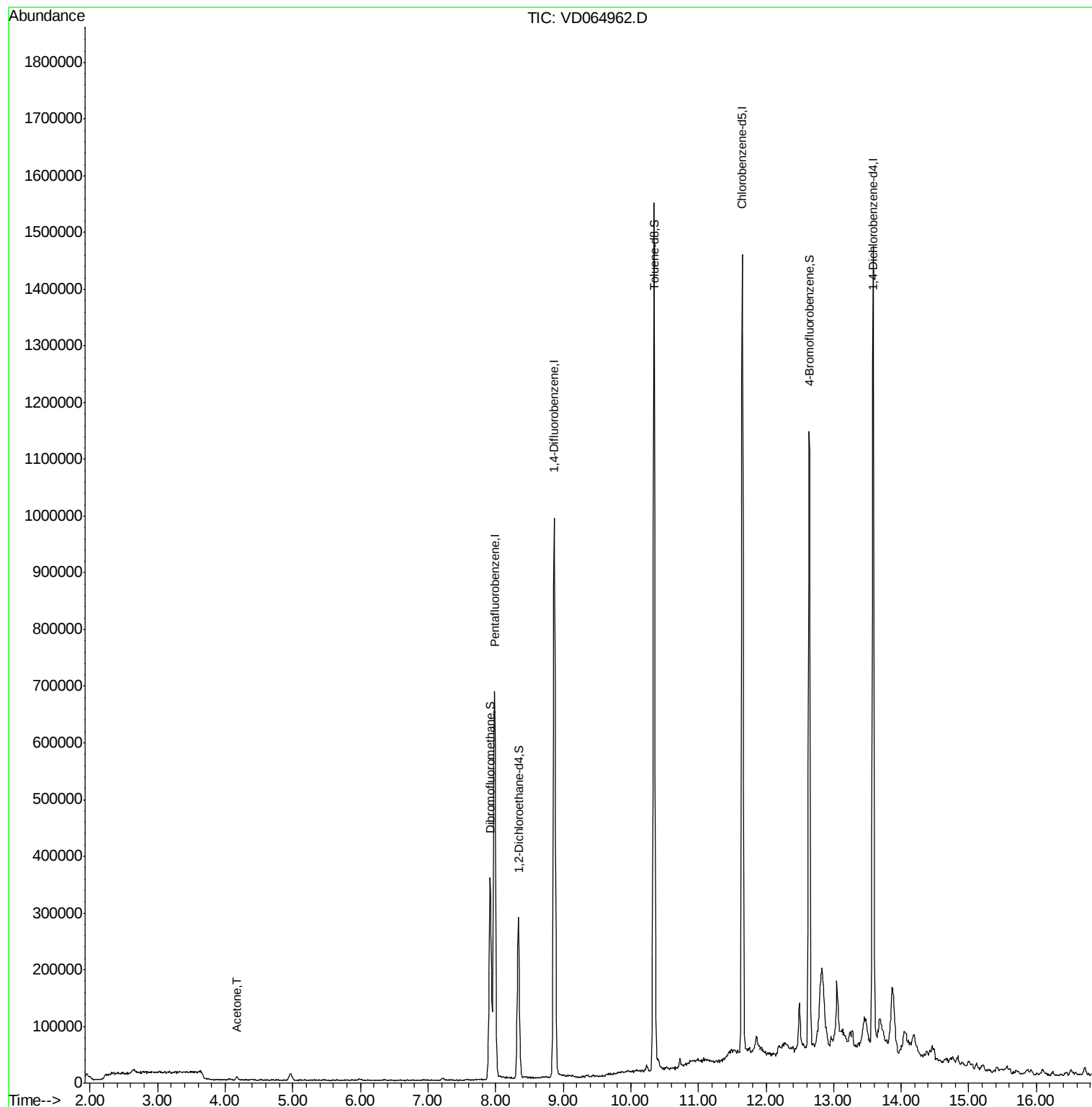
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	530117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	839759	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	796223	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	368785	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	226079	44.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.92%	
35) Dibromofluoromethane	7.92	113	248567	47.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.20%	
50) Toluene-d8	10.34	98	1042604	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
62) 4-Bromofluorobenzene	12.64	95	337181	54.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.20%	
Target Compounds						
16) Acetone	4.17	43	8753	19.644	ug/l #	Qvalue 81

(#) = 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. 0.00 min

Lab File: VD064962.D

Acq: 27 Jan 2020 14:30

Instrument :

MSVOA_D

ClientSampleId :

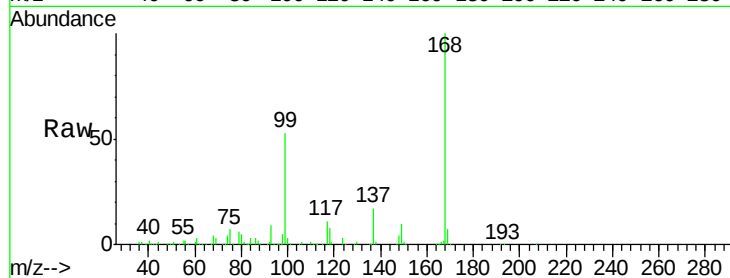
TR-04-012420

Tot Ion:168 Resp: 530117

Ion Ratio Lower Upper

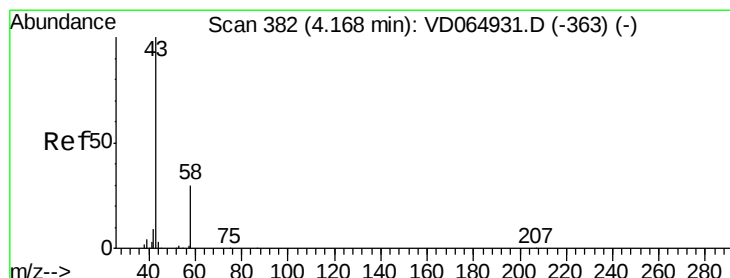
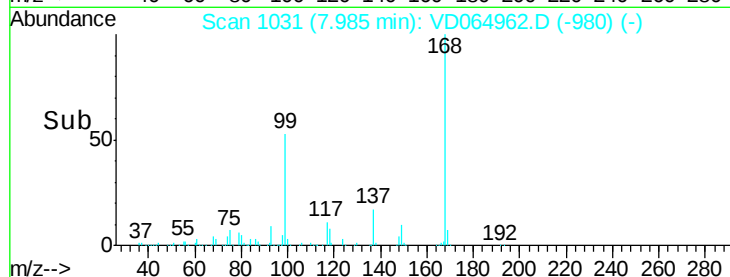
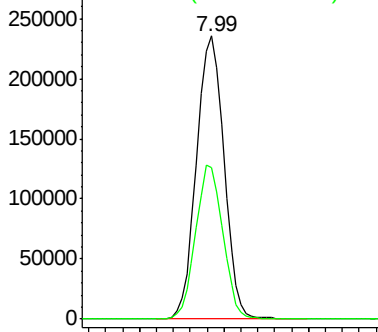
168 100

99 53.3 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 19.644 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064962.D

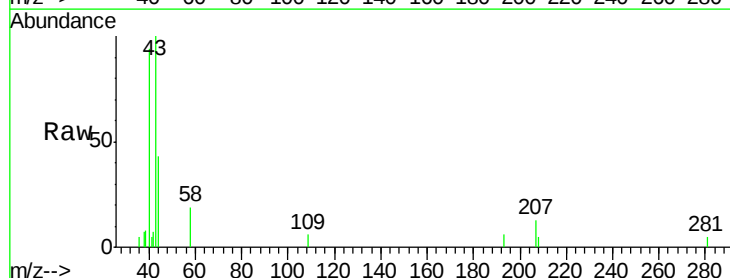
Acq: 27 Jan 2020 14:30

Tgt Ion: 43 Resp: 8753

Ion Ratio Lower Upper

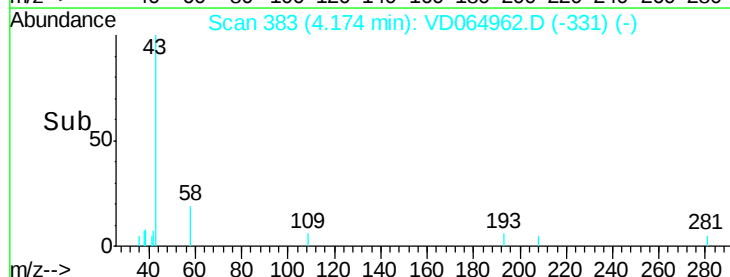
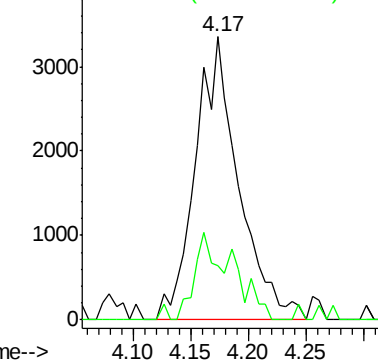
43 100

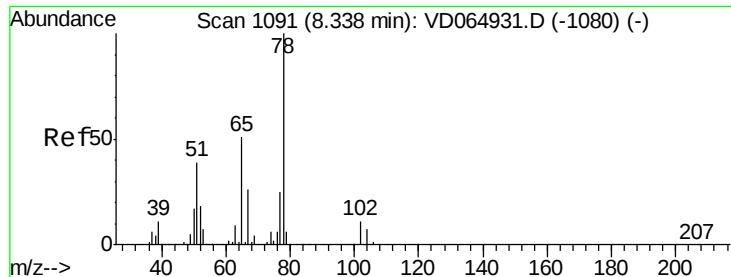
58 19.3 23.8 35.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 44.460 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064962.D

Acq: 27 Jan 2020 14:30

Instrument :

MSVOA_D

ClientSampleId :

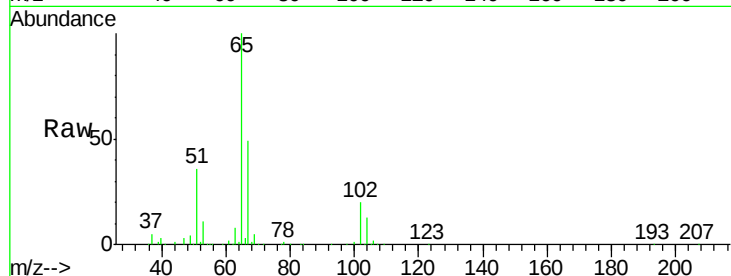
TR-04-012420

Tot Ion: 65 Resp: 226079

Ion Ratio Lower Upper

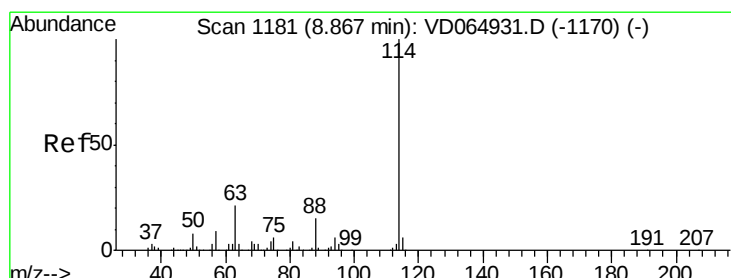
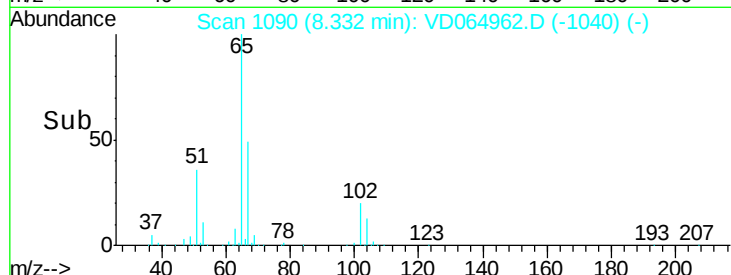
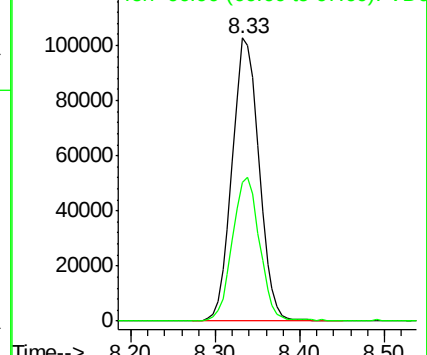
65 100

67 51.5 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: VD064962.D

Acq: 27 Jan 2020 14:30

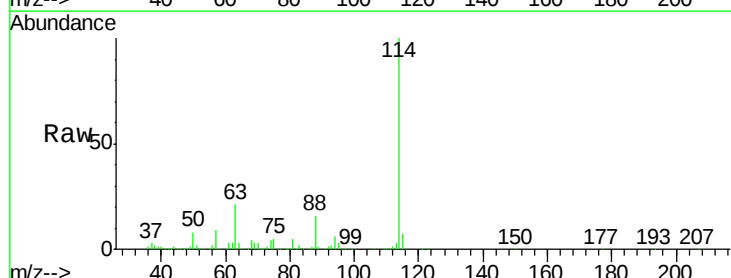
Tgt Ion: 114 Resp: 839759

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.0

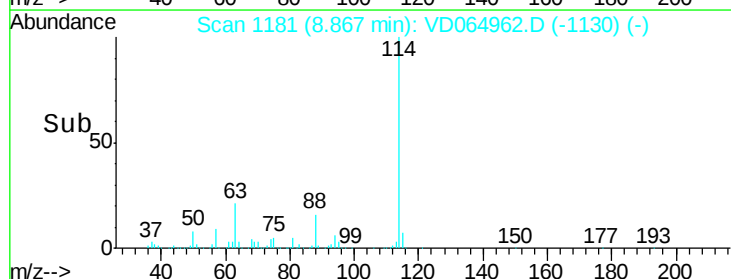
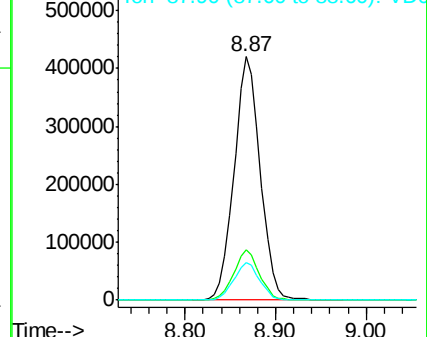
88 15.6 0.0 29.4

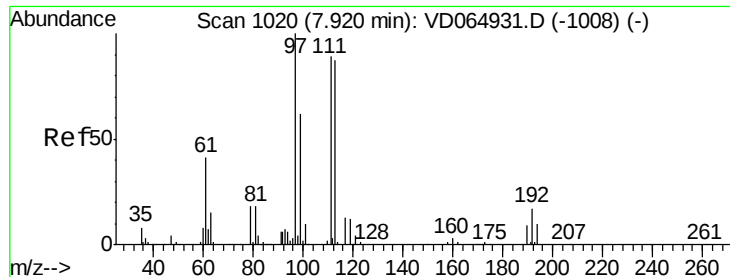


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

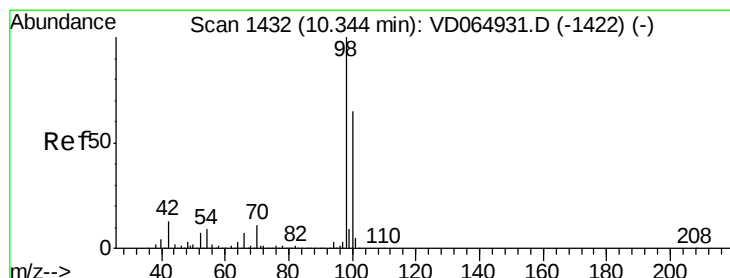
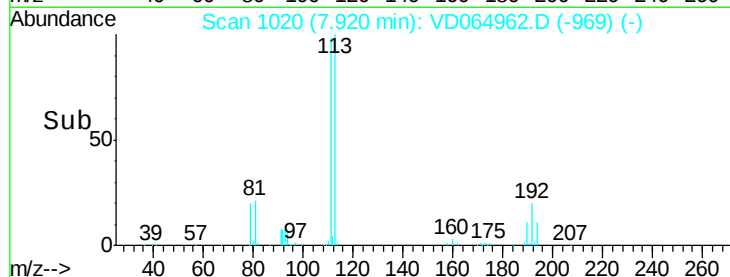
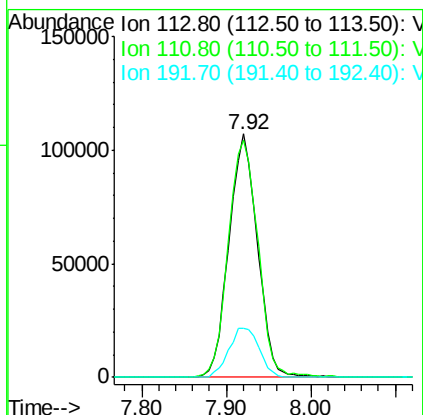
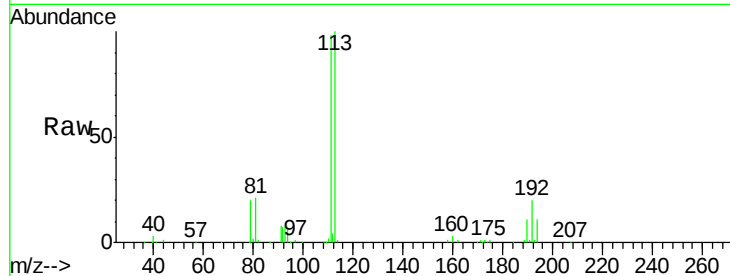




#35
 Dibromofluoromethane
 Concen: 47.102 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064962.D
 Acq: 27 Jan 2020 14:30

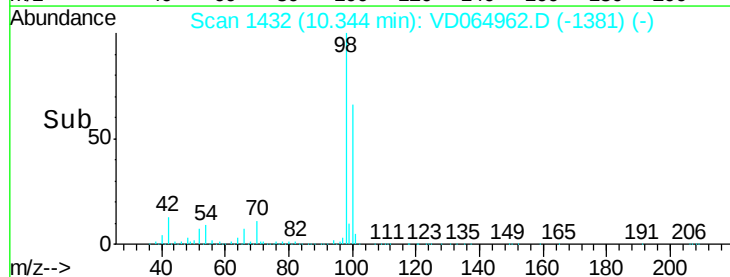
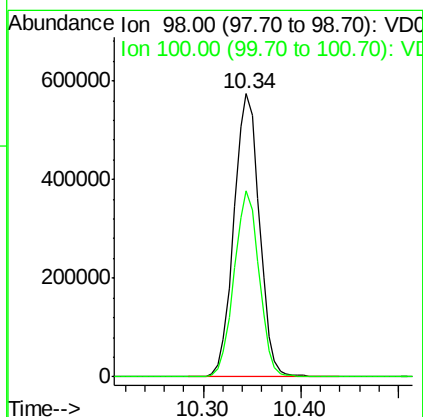
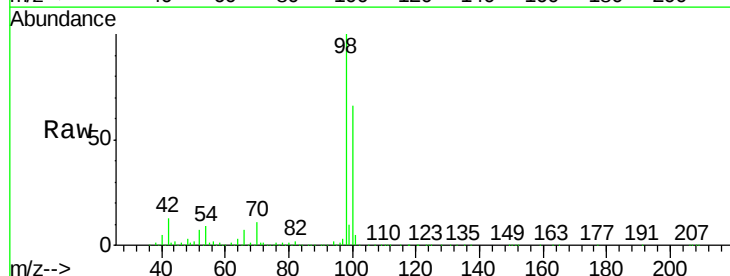
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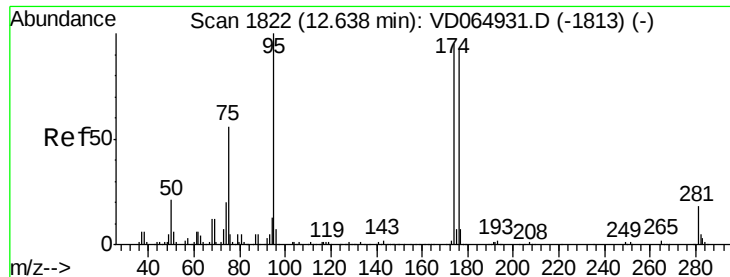
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.4	123.6
192	21.7	16.9	25.3



#50
 Toluene-d8
 Concen: 51.189 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD064962.D
 Acq: 27 Jan 2020 14:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.3	78.5

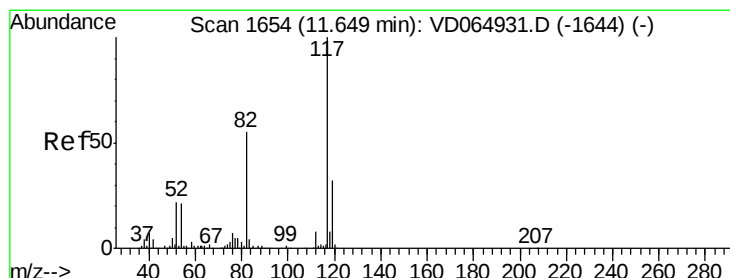
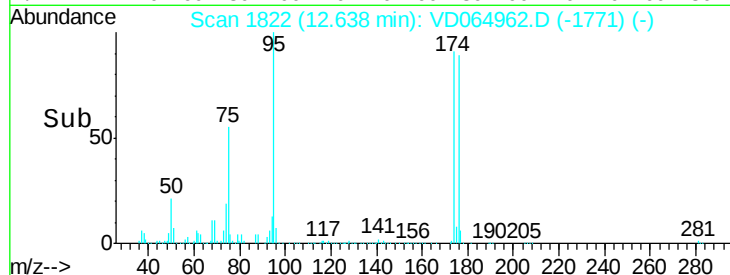
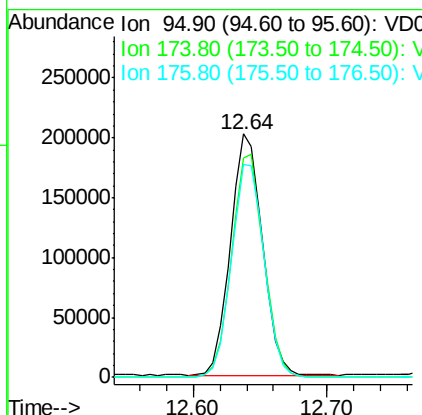
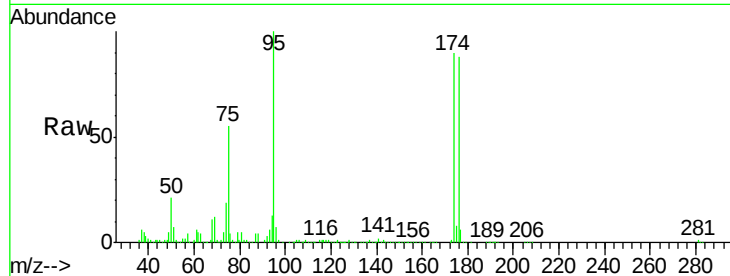




#62
4-Bromofluorobenzene
Concen: 54.096 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064962.D
Acq: 27 Jan 2020 14:30

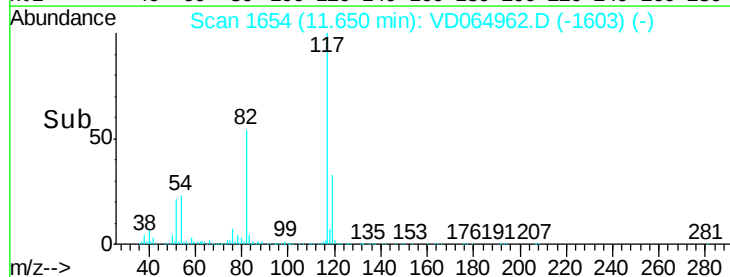
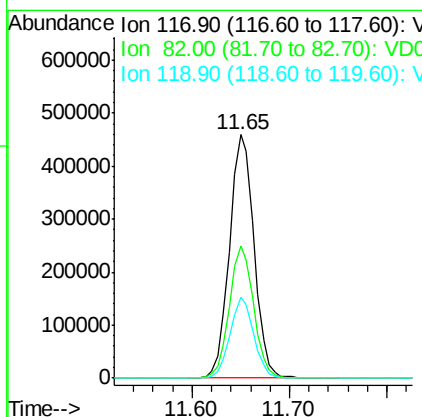
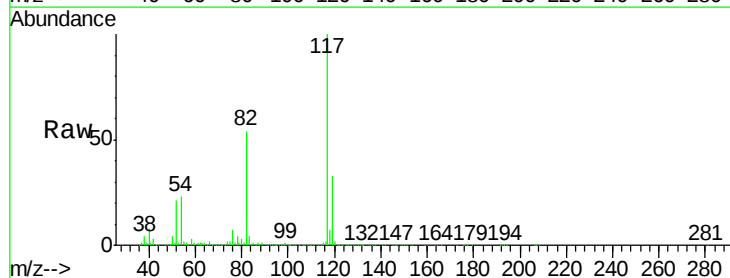
Instrument :
MSVOA_D
ClientSampleId :
TR-04-012420

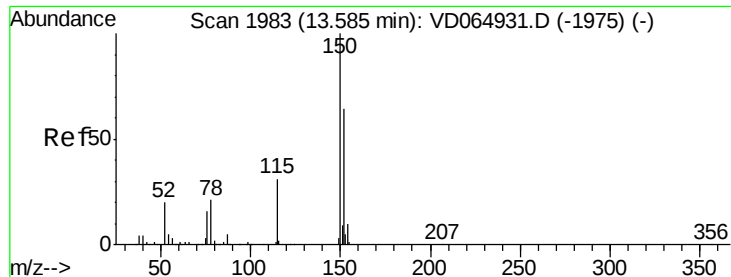
Tot Ion: 95 Resp: 337181
Ion Ratio Lower Upper
95 100
174 93.0 0.0 186.8
176 90.0 0.0 183.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064962.D
Acq: 27 Jan 2020 14:30

Tgt Ion: 117 Resp: 796223
Ion Ratio Lower Upper
117 100
82 54.1 43.6 65.4
119 33.0 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: VD064962.D

Acq: 27 Jan 2020 14:30

Instrument :

MSVOA_D

ClientSampleId :

TR-04-012420

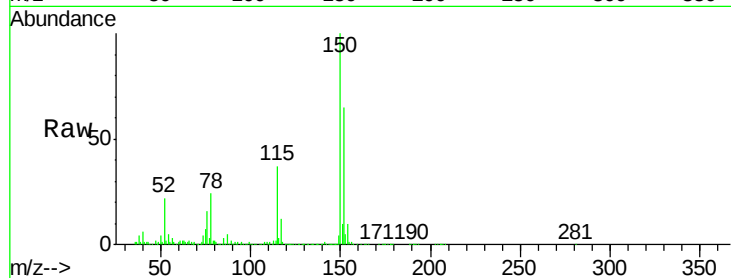
Tot Ion:152 Resp: 368785

Ion Ratio Lower Upper

152 100

115 56.0 28.1 84.4

150 154.4 0.0 350.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

