

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101519\
 Data File : VD063971.D
 Acq On : 15 Oct 2019 14:51
 Operator : VA/SY
 Sample : K5355-05
 Misc : 6.18G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC-32

Quant Time: Oct 16 03:34:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

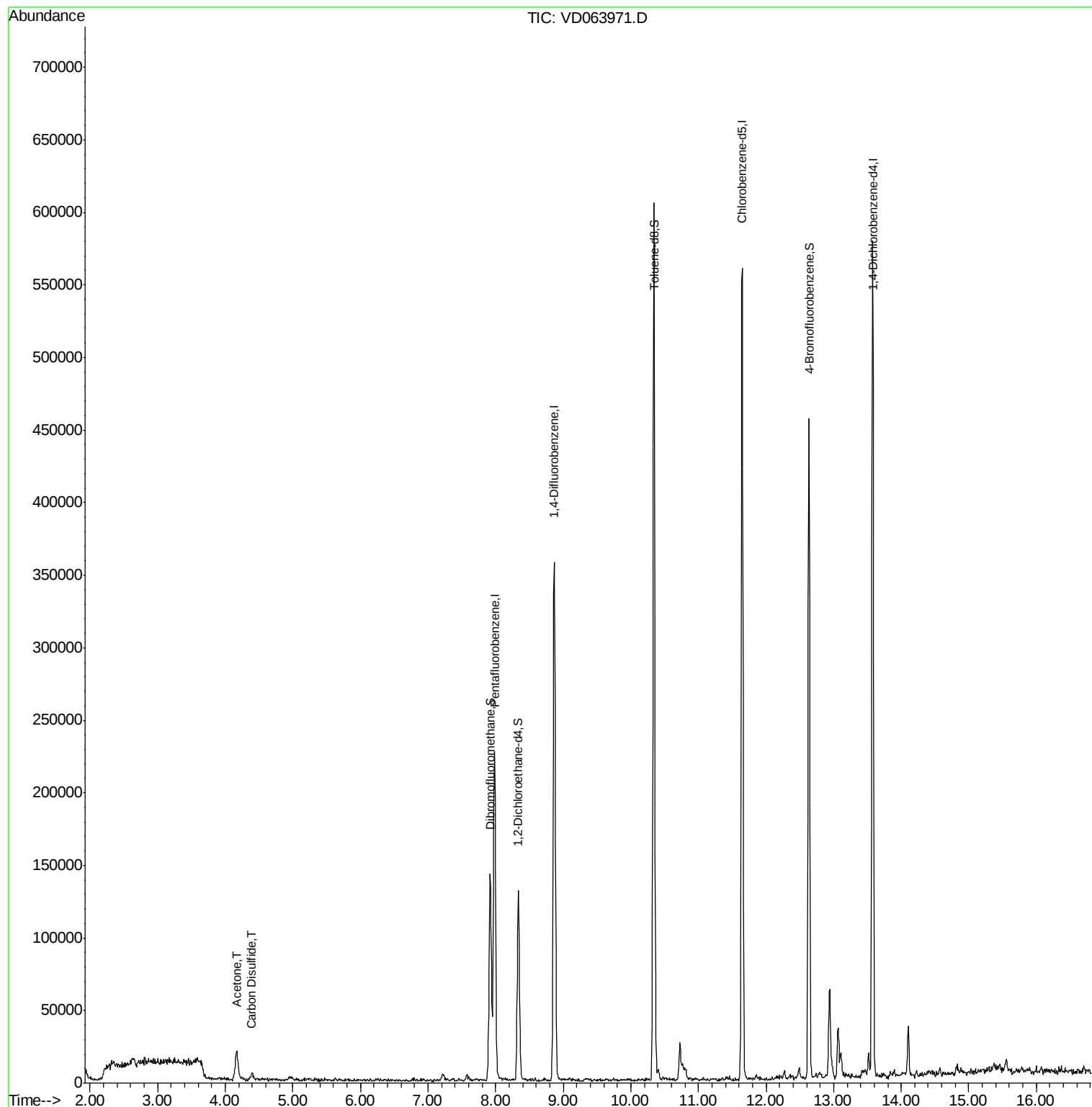
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	173707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	317328	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	321287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	152733	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	101317	59.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.82%	
35) Dibromofluoromethane	7.92	113	99151	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.26%	
50) Toluene-d8	10.34	98	415783	52.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.64%	
62) 4-Bromofluorobenzene	12.64	95	128717	47.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.12%	
Target Compounds						
16) Acetone	4.17	43	36193	82.200	ug/l	94
17) Carbon Disulfide	4.39	76	8539	1.614	ug/l #	65

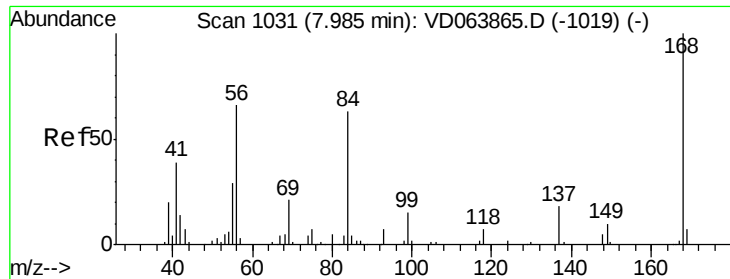
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD063971.D

Acq: 15 Oct 2019 14:51

Instrument :

MSVOA_D

ClientSampleId :

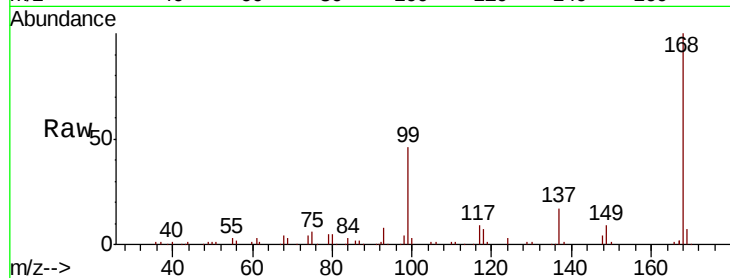
VOC-32

Tot Ion:168 Resp: 173707

Ion Ratio Lower Upper

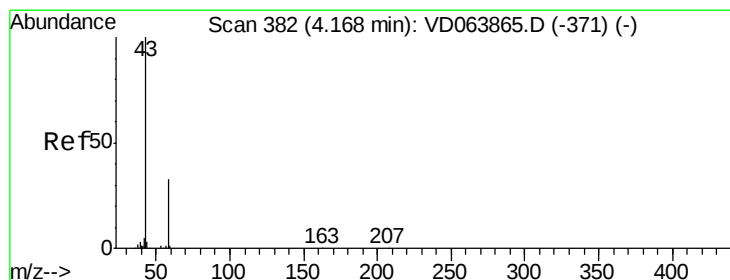
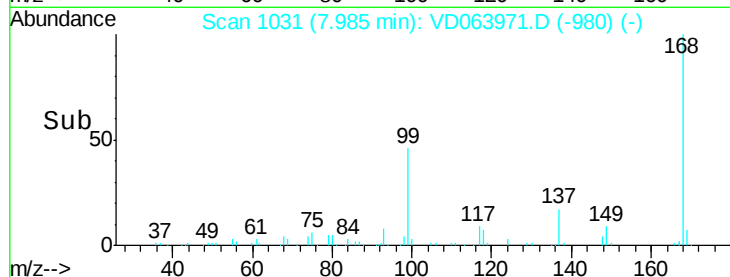
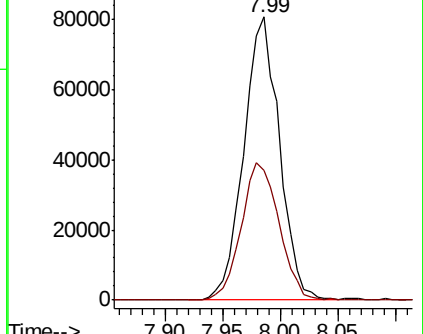
168 100

99 45.7 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 82.200 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD063971.D

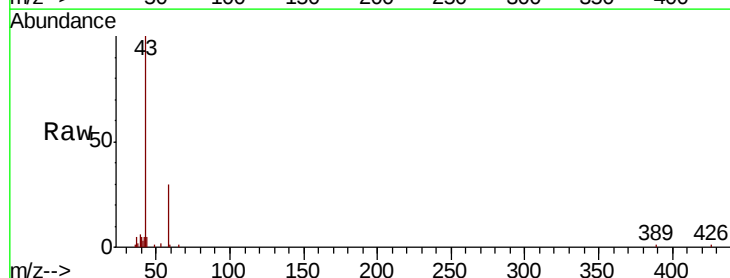
Acq: 15 Oct 2019 14:51

Tgt Ion: 43 Resp: 36193

Ion Ratio Lower Upper

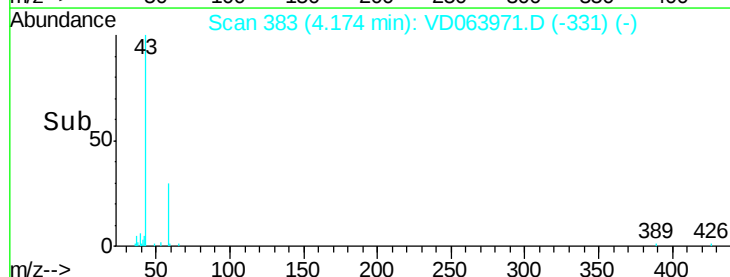
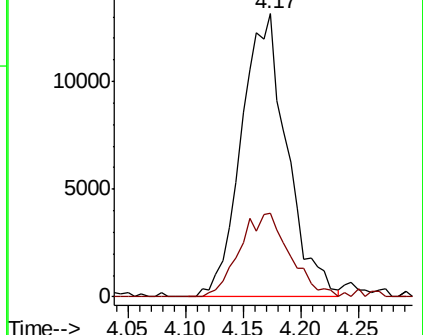
43 100

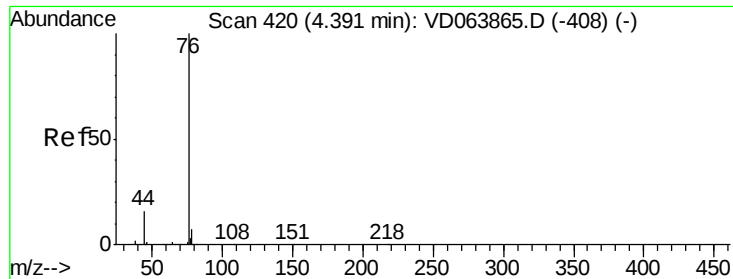
58 29.7 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 1.614 ug/l

RT: 4.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: VD063971.D

Acq: 15 Oct 2019 14:51

Instrument :

MSVOA_D

ClientSampleId :

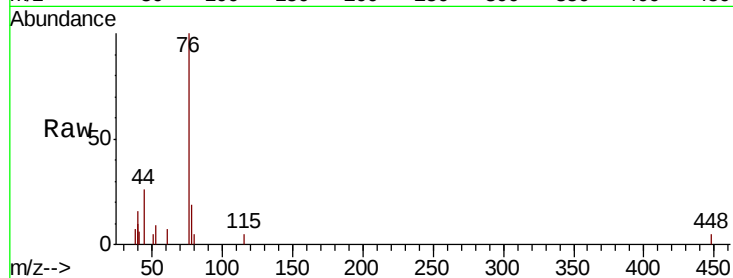
VOC-32

Tot Ion: 76 Resp: 8539

Ion Ratio Lower Upper

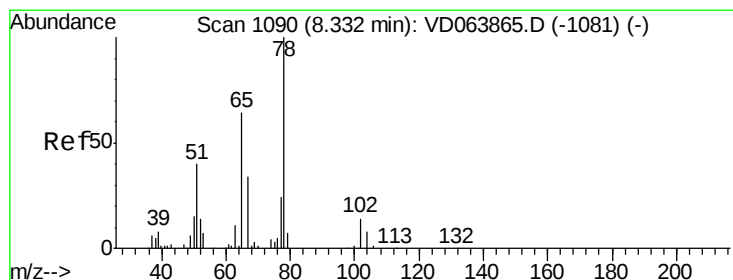
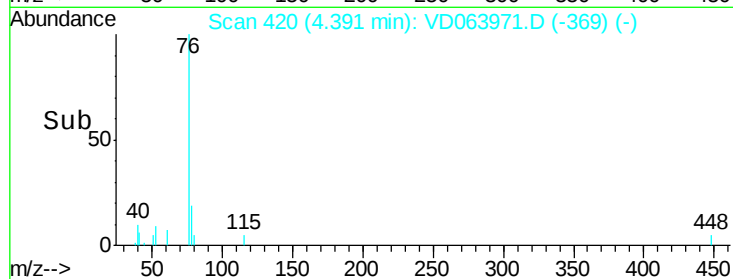
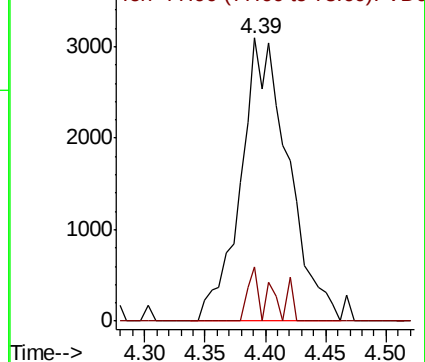
76 100

78 19.3 5.8 8.8#



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 59.909 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD063971.D

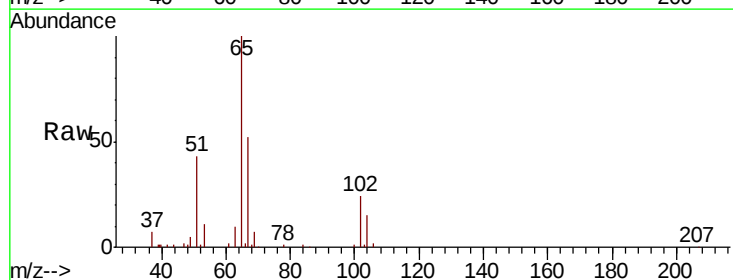
Acq: 15 Oct 2019 14:51

Tgt Ion: 65 Resp: 101317

Ion Ratio Lower Upper

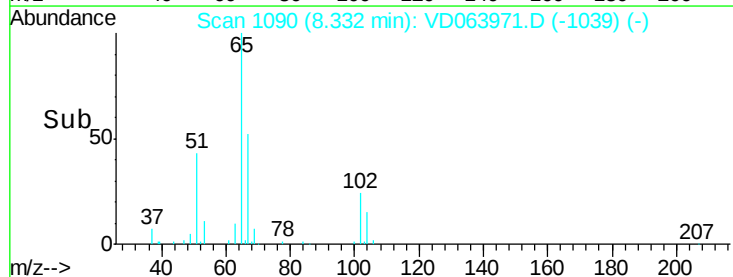
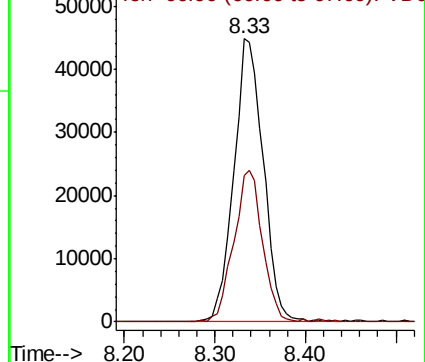
65 100

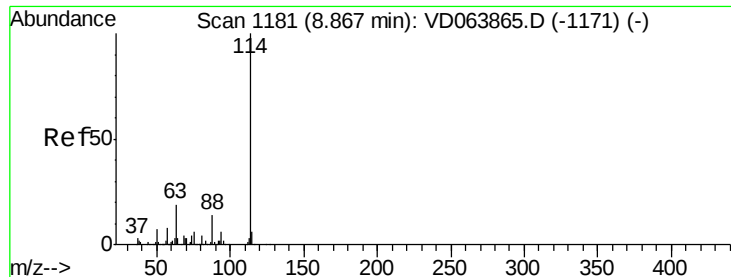
67 51.9 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

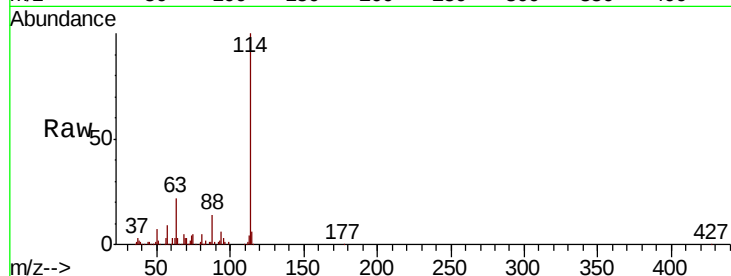




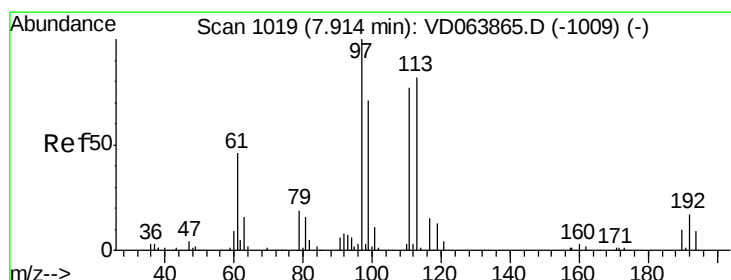
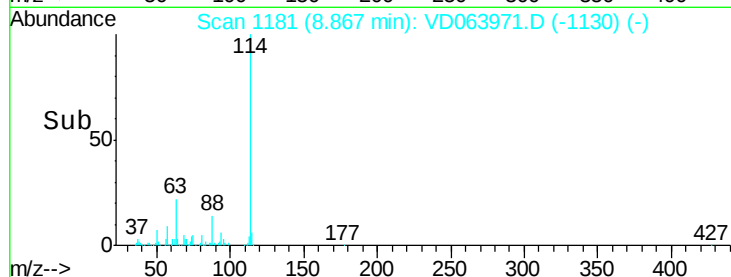
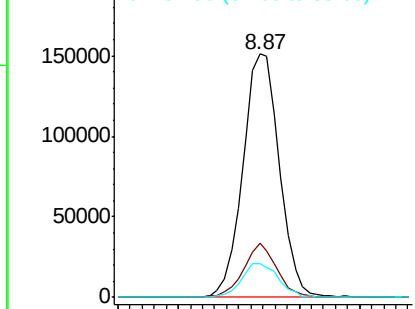
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD063971.D
Acq: 15 Oct 2019 14:51

Instrument :
MSVOA_D
ClientSampleId :
VOC-32

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	38.4
88	14.0	0.0	27.4

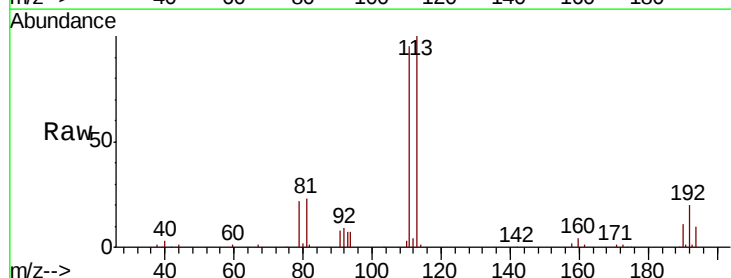


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

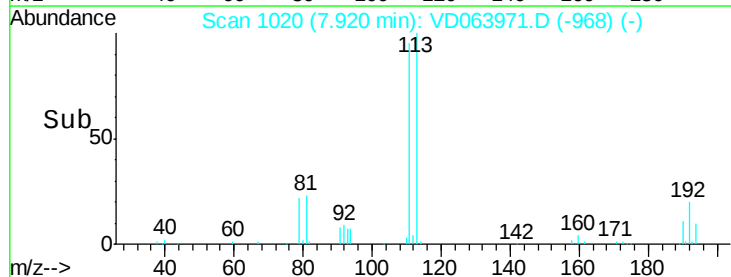
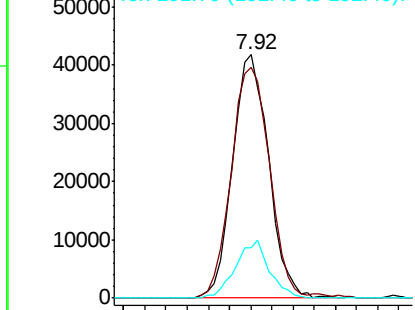


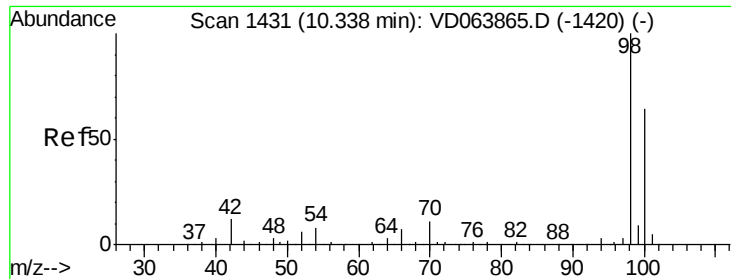
#35
Dibromofluoromethane
Concen: 51.127 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD063971.D
Acq: 15 Oct 2019 14:51

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.1	82.6	123.8
192	22.0	17.1	25.7



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

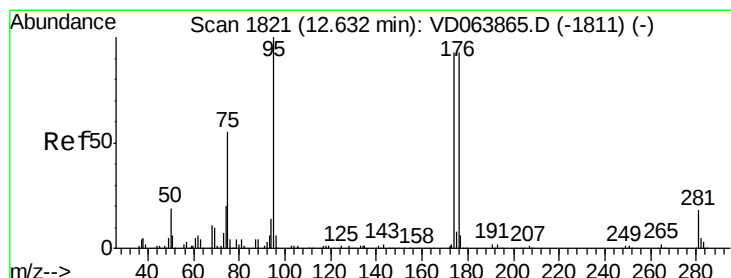
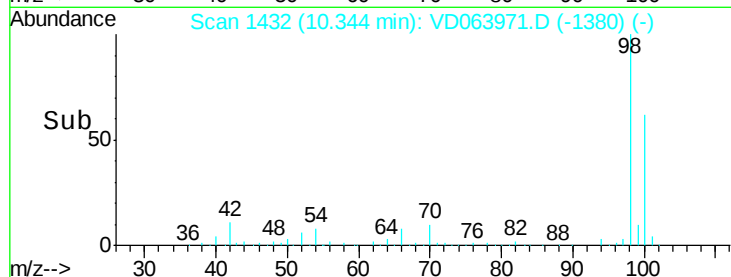
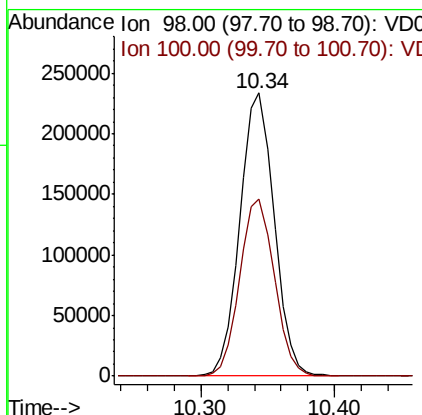
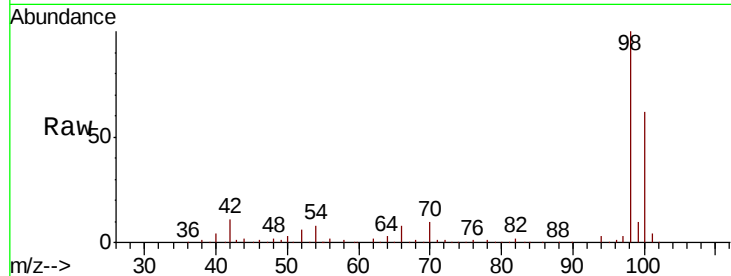




#50
Toluene-d8
Concen: 52.823 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD063971.D
Acq: 15 Oct 2019 14:51

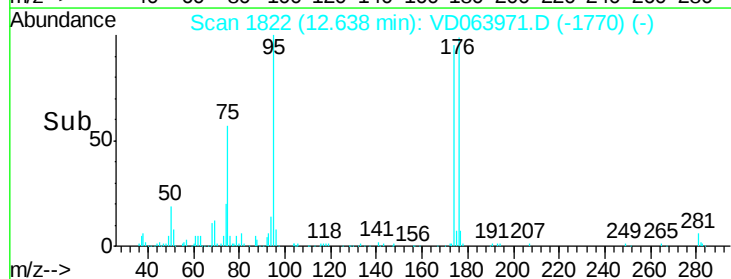
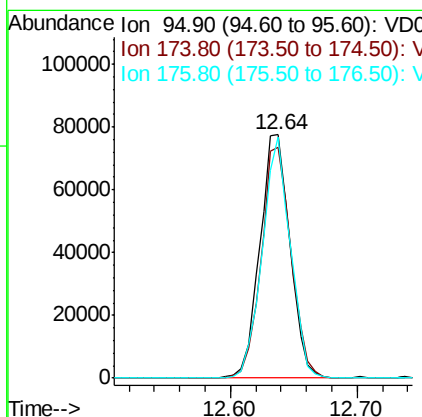
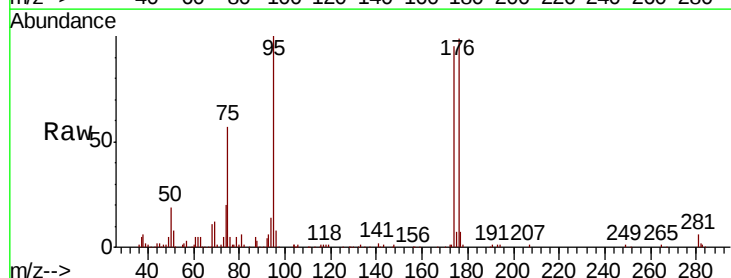
Instrument :
MSVOA_D
ClientSampleID :
VOC-32

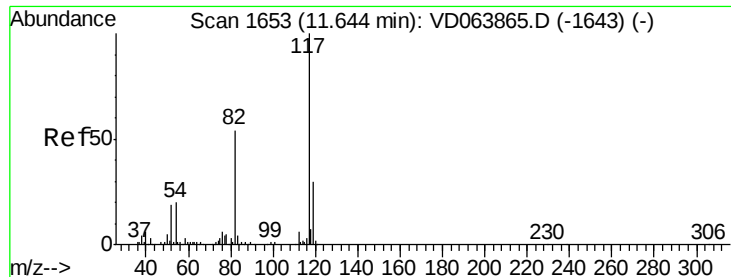
Tot Ion: 98 Resp: 415783
Ion Ratio Lower Upper
98 100
100 63.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.058 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD063971.D
Acq: 15 Oct 2019 14:51

Tgt Ion: 95 Resp: 128717
Ion Ratio Lower Upper
95 100
174 94.0 0.0 186.4
176 92.0 0.0 184.2

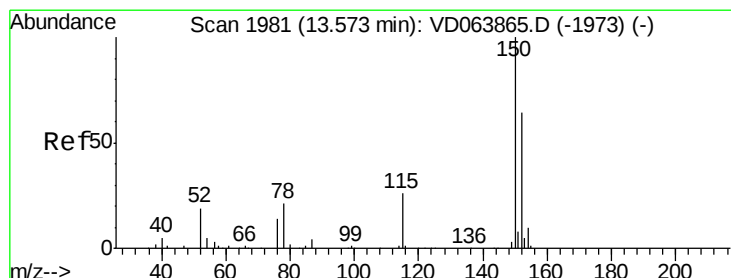
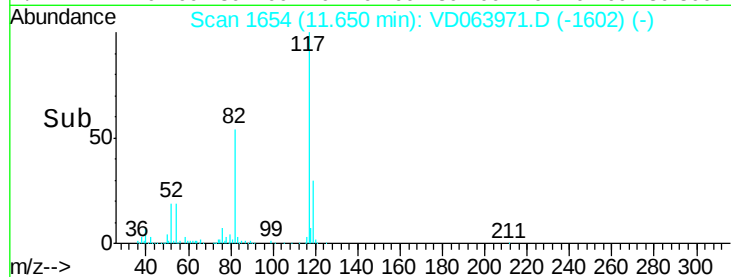
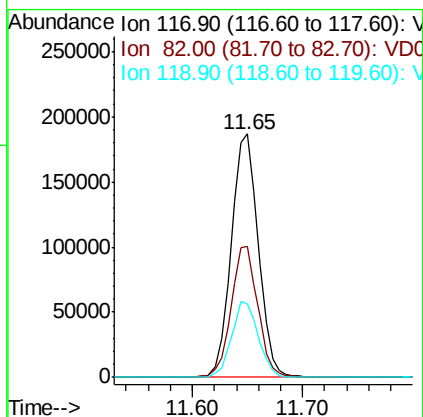
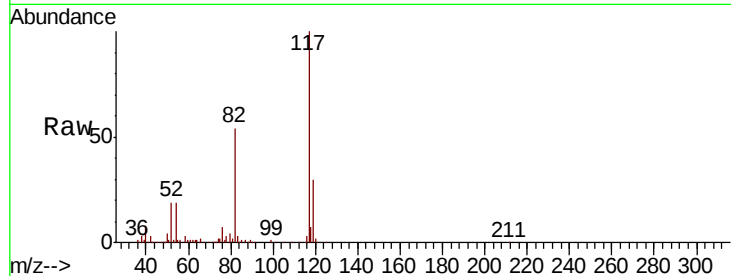




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD063971.D
Acq: 15 Oct 2019 14:51

Instrument :
MSVOA_D
ClientSampleId :
VOC-32

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	42.8	64.2
119	30.2	24.4	36.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.01 min
Lab File: VD063971.D
Acq: 15 Oct 2019 14:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.9	25.9	77.7
150	156.8	0.0	344.2

