

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101719\
 Data File : VD063999.D
 Acq On : 17 Oct 2019 15:17
 Operator : VA/SY
 Sample : K5436-02
 Misc : 8.25G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 3425-28

Quant Time: Oct 17 17:44:46 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

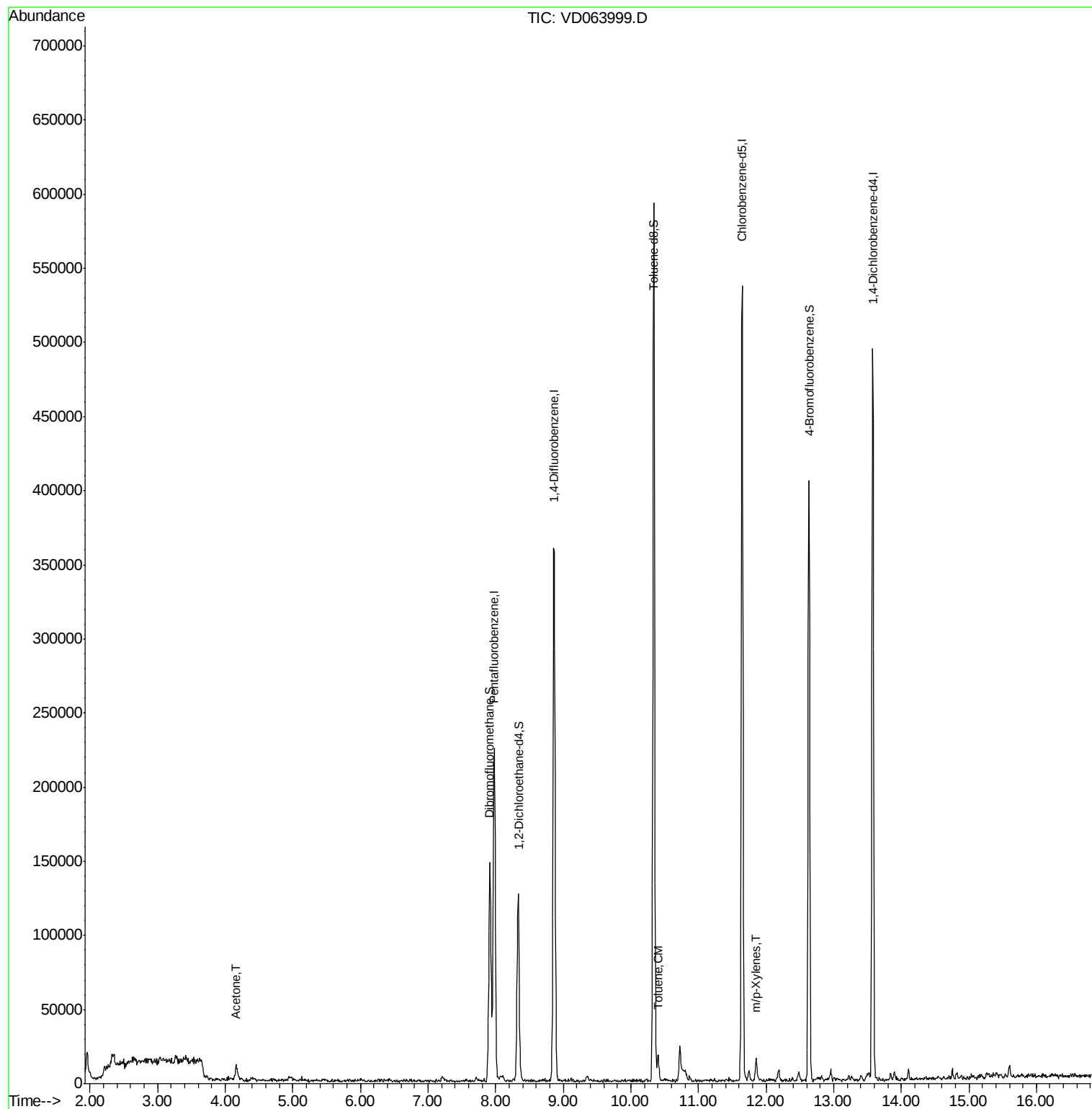
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	171014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	321016	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	301124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	127213	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	93365	56.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.16%	
35) Dibromofluoromethane	7.91	113	98746	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
50) Toluene-d8	10.34	98	408288	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.54%	
62) 4-Bromofluorobenzene	12.64	95	118170	42.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.42%	
Target Compounds						
16) Acetone	4.16	43	15851	36.567	ug/l	95
52) Toluene	10.40	92	6519	1.129	ug/l	86
68) m/p-Xylenes	11.85	106	4497	1.068	ug/l	83

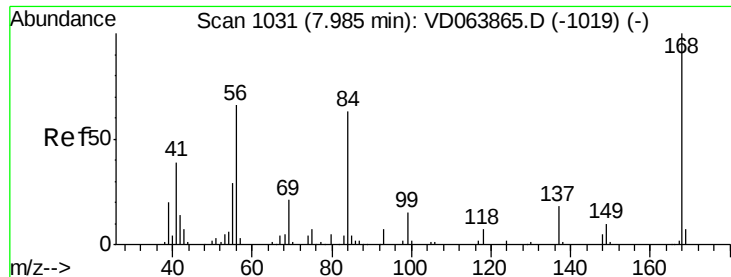
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD063999.D

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MSVOA_D

ClientSampleId :

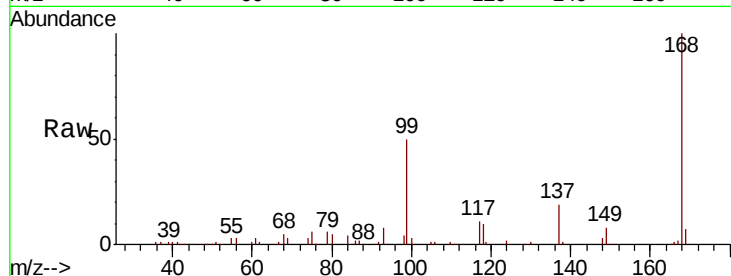
3425-28

Tot Ion:168 Resp: 171014

Ion Ratio Lower Upper

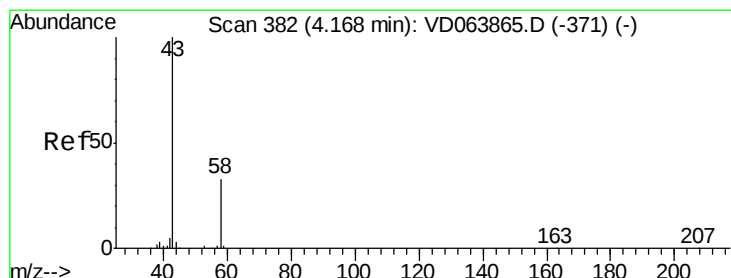
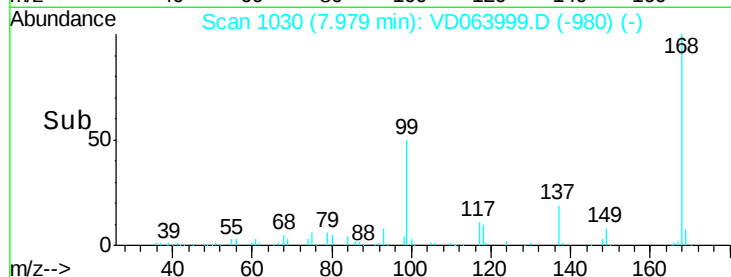
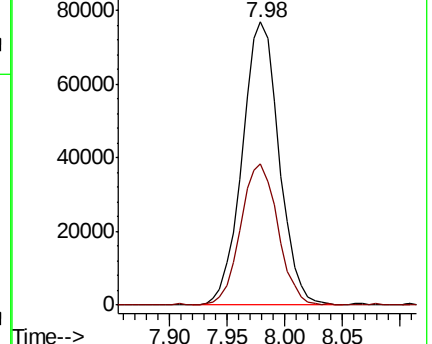
168 100

99 49.6 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: 36.567 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD063999.D

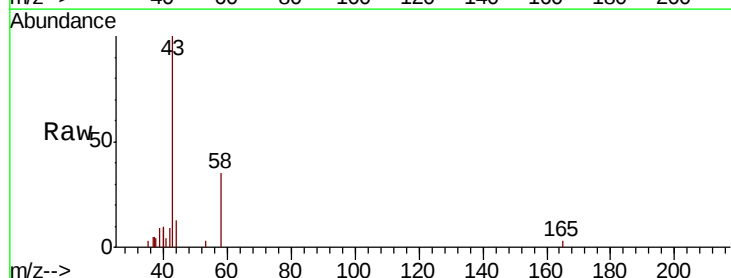
Acq: 17 Oct 2019 15:17

Tgt Ion: 43 Resp: 15851

Ion Ratio Lower Upper

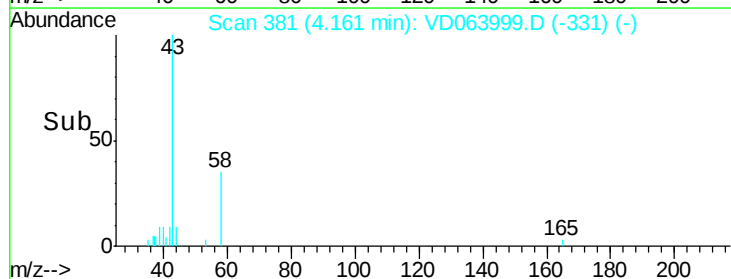
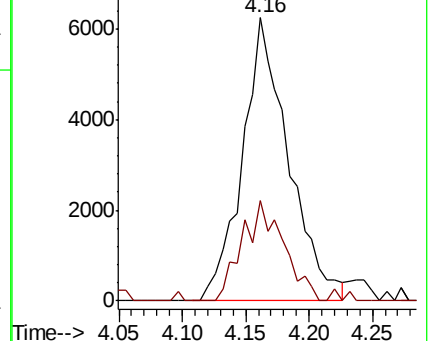
43 100

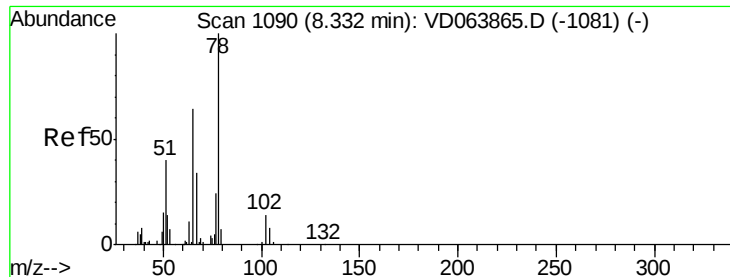
58 35.4 26.2 39.4



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: 56.077 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD063999.D

Acq: 17 Oct 2019 15:17

Instrument :

MSVOA_D

ClientSampleId :

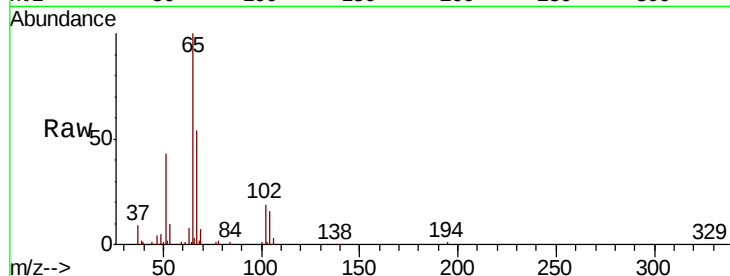
3425-28

Tot Ion: 65 Resp: 93365

Ion Ratio Lower Upper

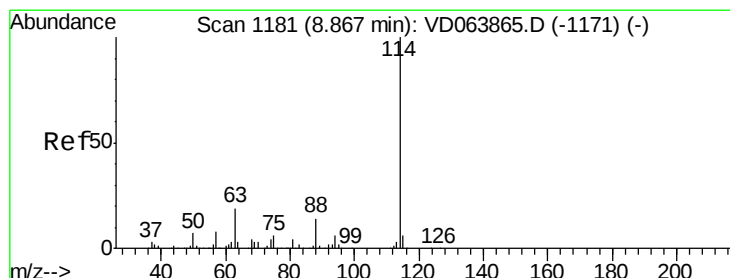
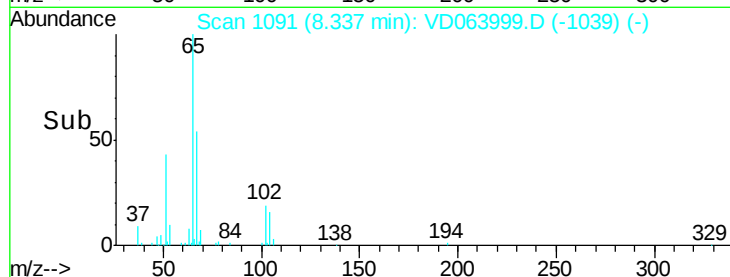
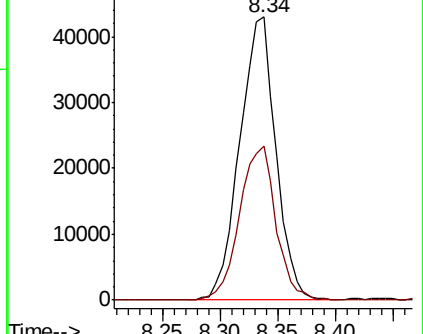
65 100

67 54.6 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: VD063999.D

Acq: 17 Oct 2019 15:17

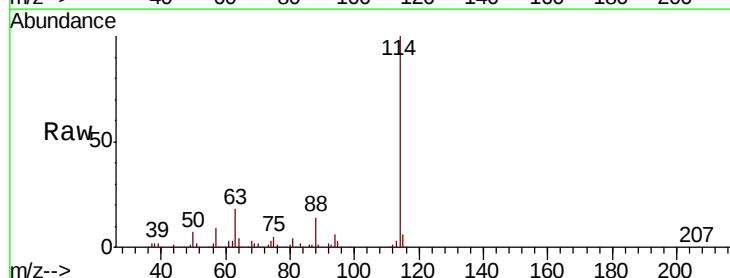
Tgt Ion: 114 Resp: 321016

Ion Ratio Lower Upper

114 100

63 18.4 0.0 38.4

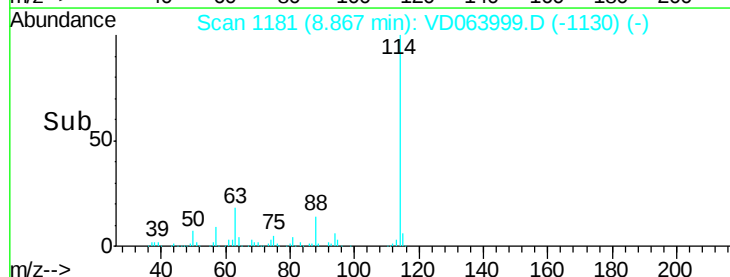
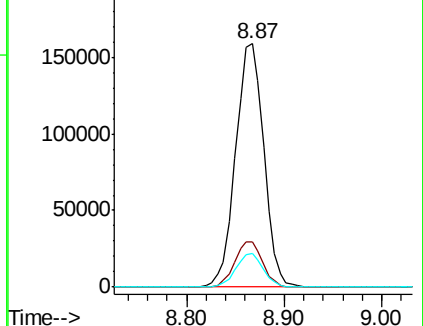
88 14.1 0.0 27.4

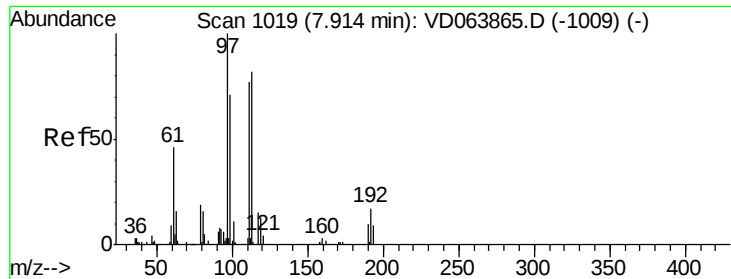


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

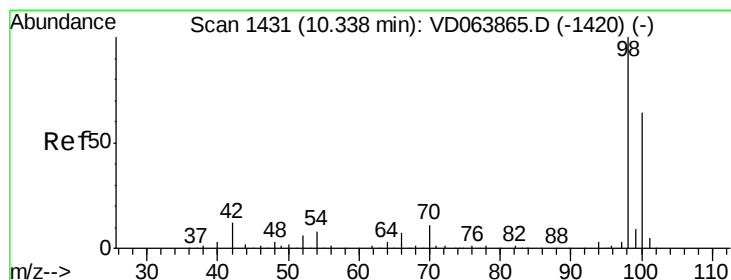
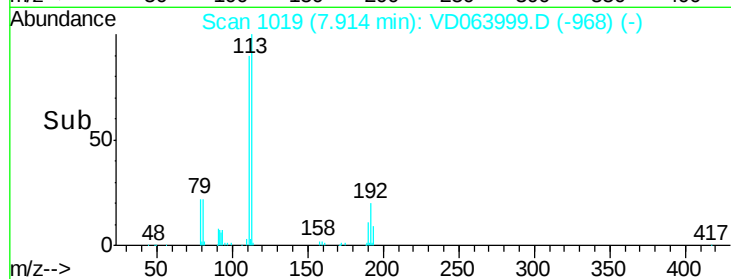
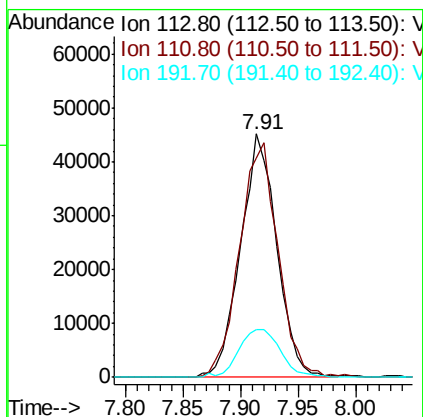
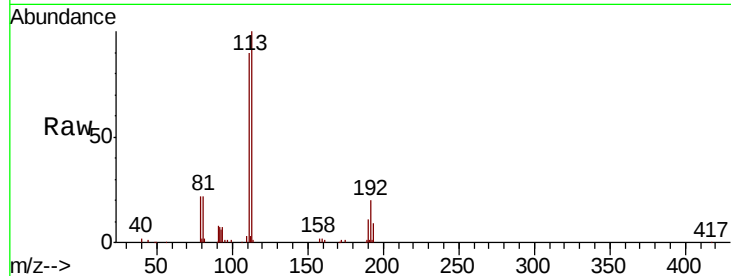




#35
 Dibromofluoromethane
 Concen: 50.334 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD063999.D
 Acq: 17 Oct 2019 15:17

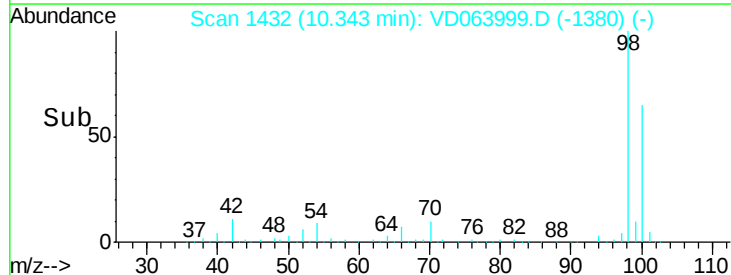
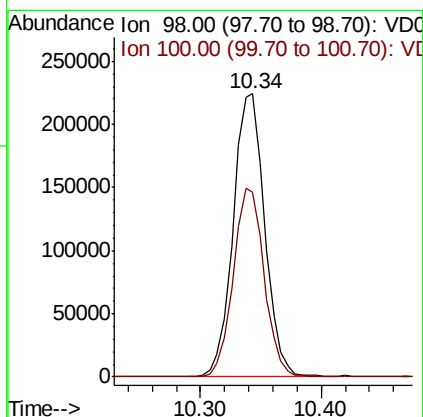
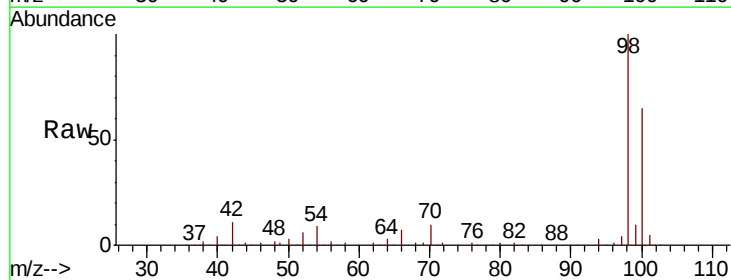
Instrument :
 MSVOA_D
 ClientSampleId :
 3425-28

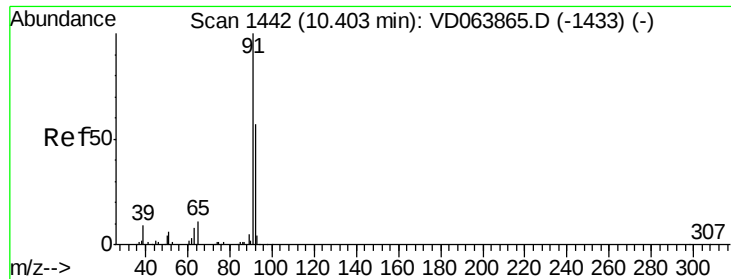
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	123.8
192	22.8	17.1	25.7



#50
 Toluene-d8
 Concen: 51.275 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD063999.D
 Acq: 17 Oct 2019 15:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.1	78.1





#52

Toluene

Concen: 1.129 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD063999.D

Acq: 17 Oct 2019 15:17

Instrument :

MSVOA_D

ClientSampleId :

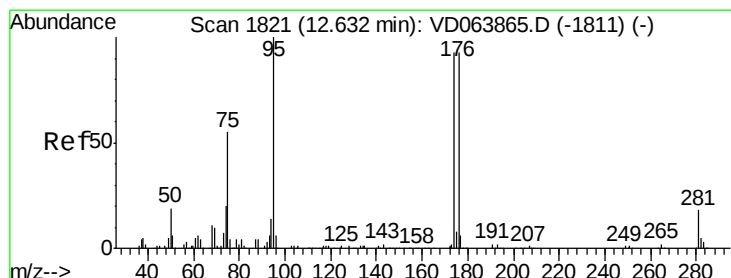
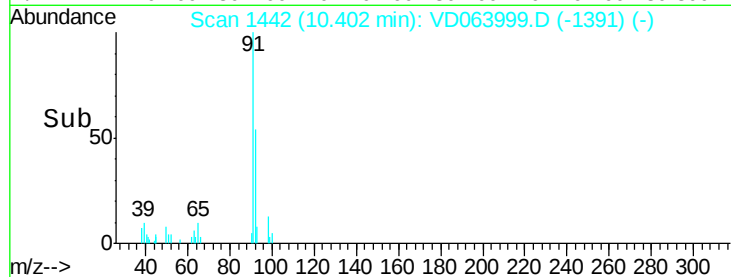
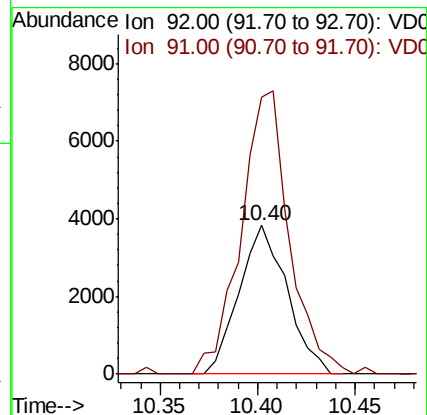
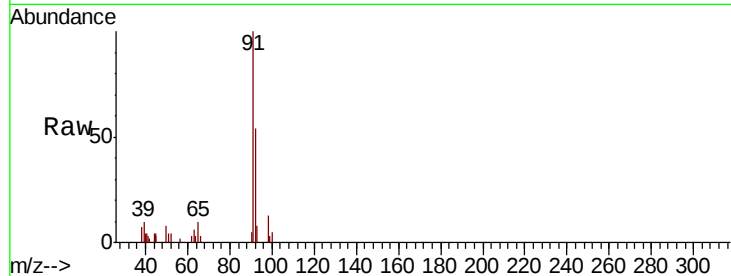
3425-28

Tot Ion: 92 Resp: 6519

Ion Ratio Lower Upper

92 100

91 193.2 139.5 209.3



#62

4-Bromofluorobenzene

Concen: 42.706 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD063999.D

Acq: 17 Oct 2019 15:17

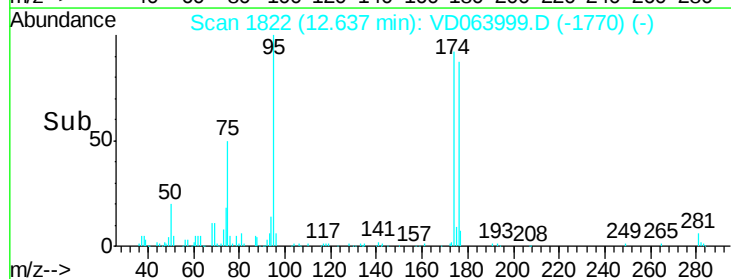
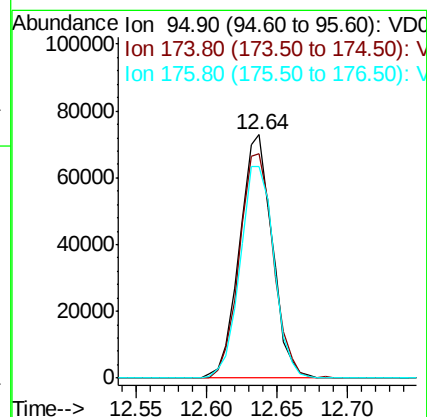
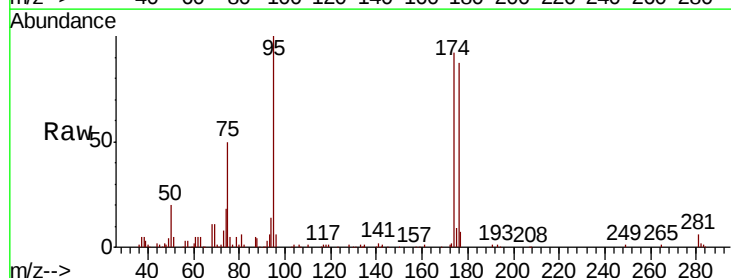
Tgt Ion: 95 Resp: 118170

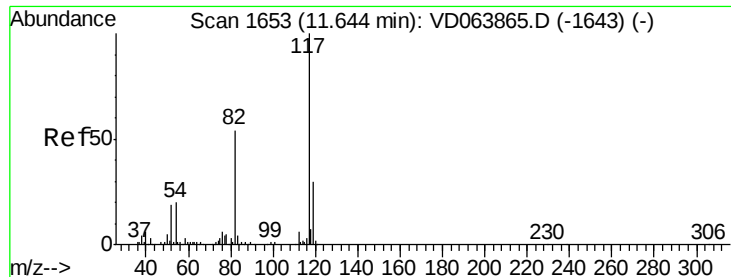
Ion Ratio Lower Upper

95 100

174 95.6 0.0 186.4

176 89.9 0.0 184.2

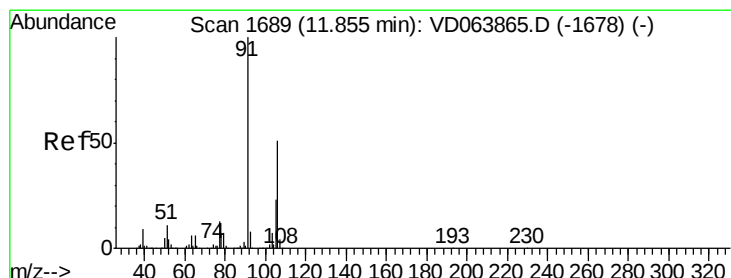
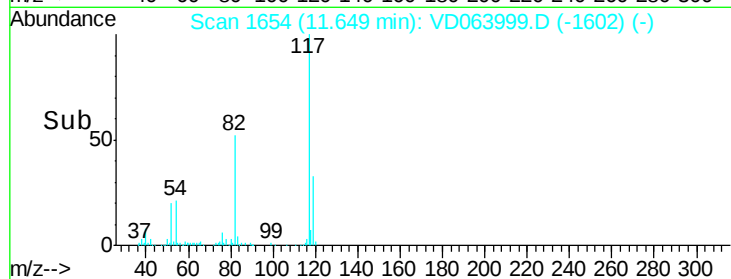
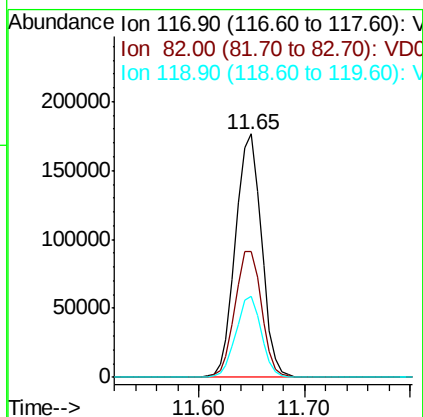
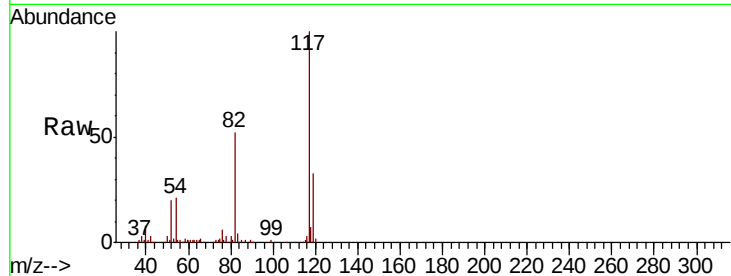




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD063999.D
Acq: 17 Oct 2019 15:17

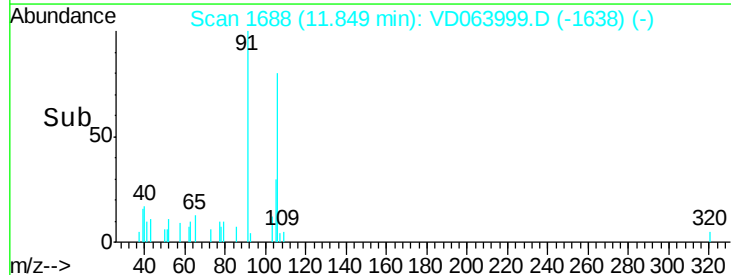
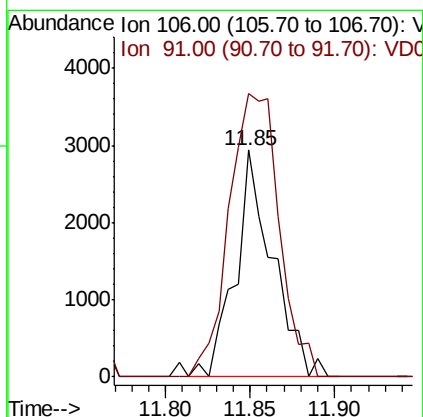
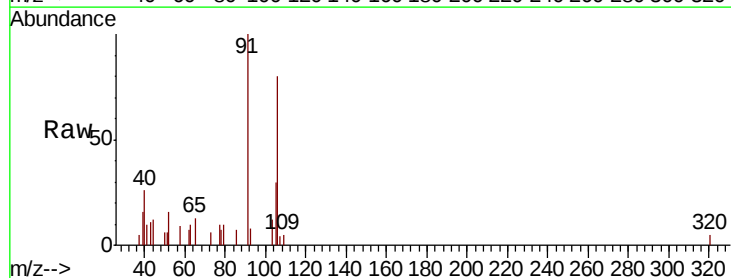
Instrument :
MSVOA_D
ClientSampleId :
3425-28

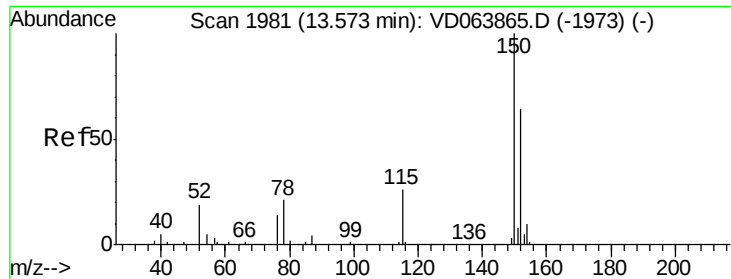
Tot Ion:117 Resp: 301124
Ion Ratio Lower Upper
117 100
82 51.8 42.8 64.2
119 33.1 24.4 36.6



#68
m/p-Xylenes
Concen: 1.068 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD063999.D
Acq: 17 Oct 2019 15:17

Tgt Ion:106 Resp: 4497
Ion Ratio Lower Upper
106 100
91 168.5 154.8 232.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.01 min

Lab File: VD063999.D

Acq: 17 Oct 2019 15:17

Instrument :

MSVOA_D

ClientSampleId :

3425-28

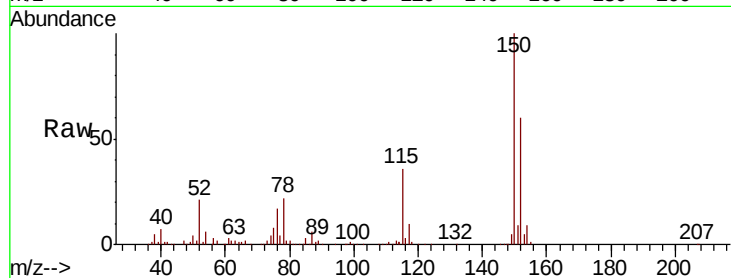
Tot Ion:152 Resp: 127213

Ion Ratio Lower Upper

152 100

115 58.0 25.9 77.7

150 161.7 0.0 344.2



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

