

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102319\
 Data File : VD064022.D
 Acq On : 23 Oct 2019 15:50
 Operator : VA/SY
 Sample : K5497-04
 Misc : 7.17G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 169-90-(1.2)

Quant Time: Oct 24 06:44:54 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	166536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	309203	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	318705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	144641	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	94751	58.44	ug/l	0.00
Spiked Amount			Recovery	=	116.88%	
35) Dibromofluoromethane	7.92	113	98538	52.15	ug/l	0.00
Spiked Amount			Recovery	=	104.30%	
50) Toluene-d8	10.34	98	410821	53.56	ug/l	0.00
Spiked Amount			Recovery	=	107.12%	
62) 4-Bromofluorobenzene	12.64	95	120324	45.15	ug/l	0.00
Spiked Amount			Recovery	=	90.30%	

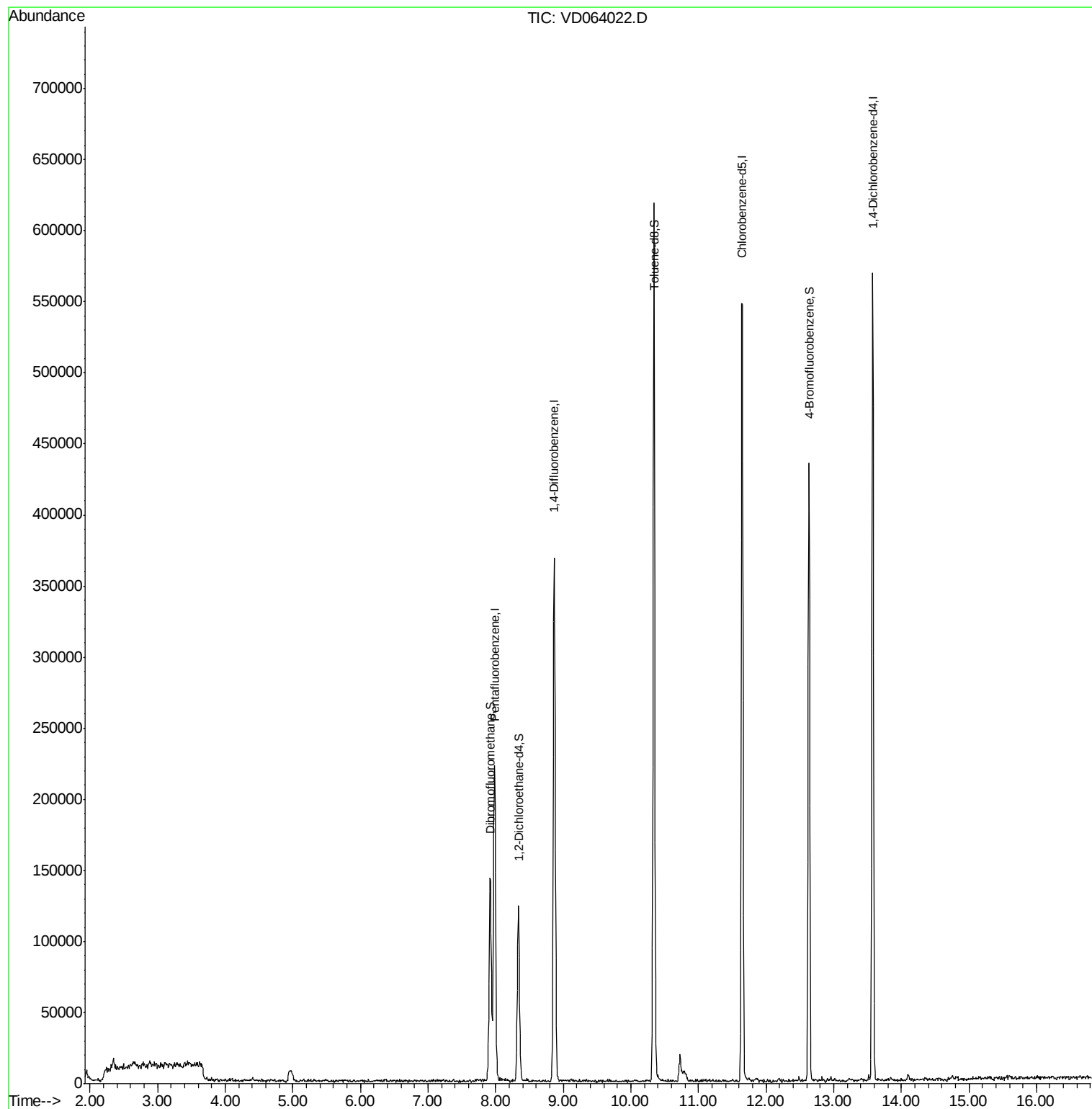
Target Compounds	Qvalue
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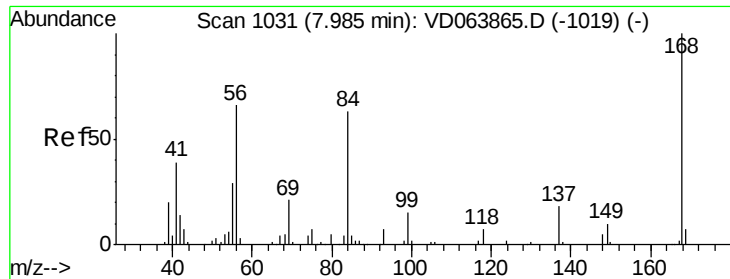
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Oct 05 03:51:17 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064022.D

Acq: 23 Oct 2019 15:50

Instrument :

MSVOA_D

ClientSampleId :

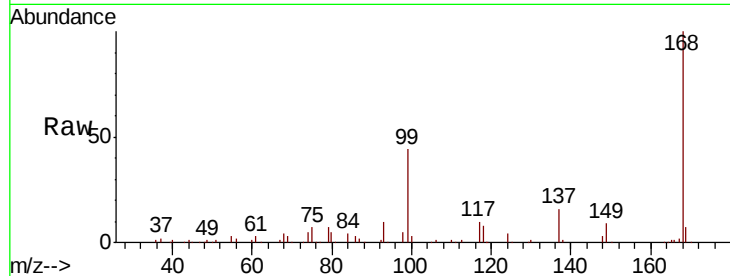
169-90-(1.2)

Tot Ion:168 Resp: 166536

Ion Ratio Lower Upper

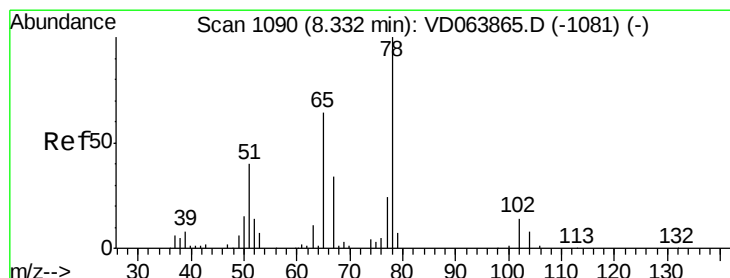
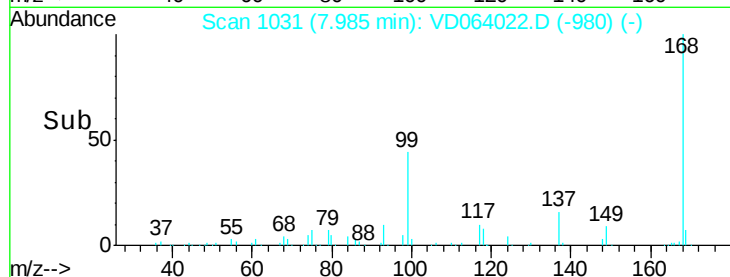
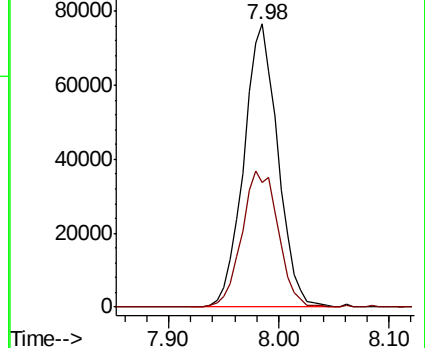
168 100

99 44.2 43.0 64.4



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: 58.439 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD064022.D

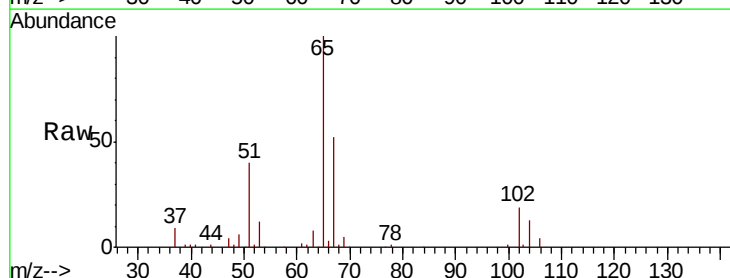
Acq: 23 Oct 2019 15:50

Tgt Ion: 65 Resp: 94751

Ion Ratio Lower Upper

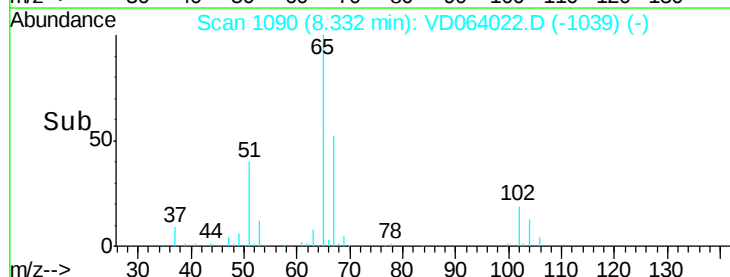
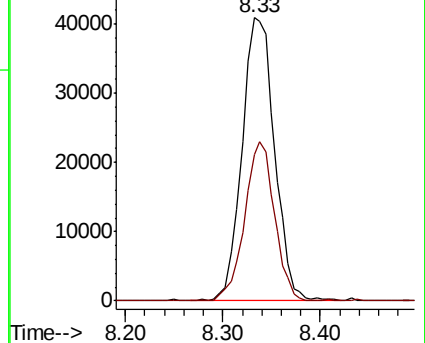
65 100

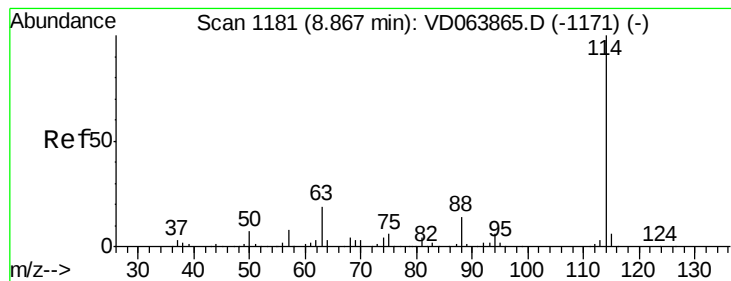
67 51.3 0.0 106.4



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: VD064022.D

Acq: 23 Oct 2019 15:50

Instrument :

MSVOA_D

ClientSampleId :

169-90-(1.2)

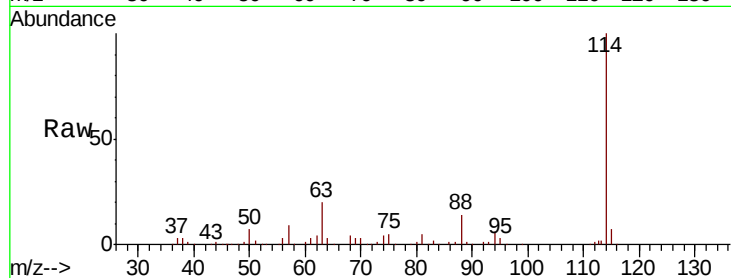
Tot Ion:114 Resp: 309203

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.4

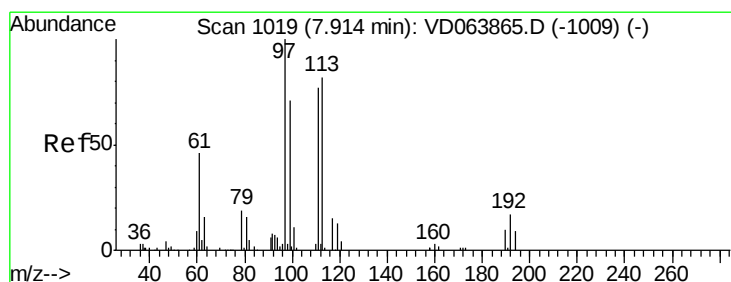
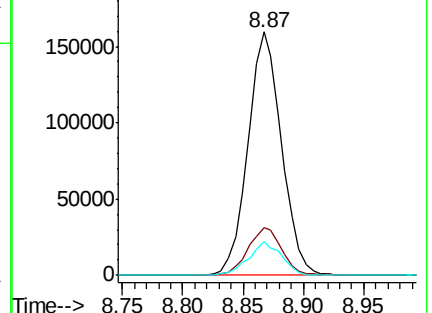
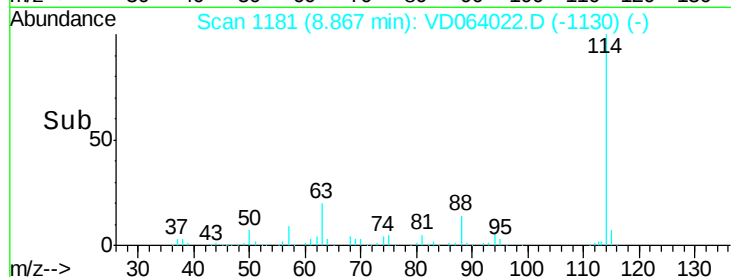
88 13.7 0.0 27.4



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: 52.147 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD064022.D

Acq: 23 Oct 2019 15:50

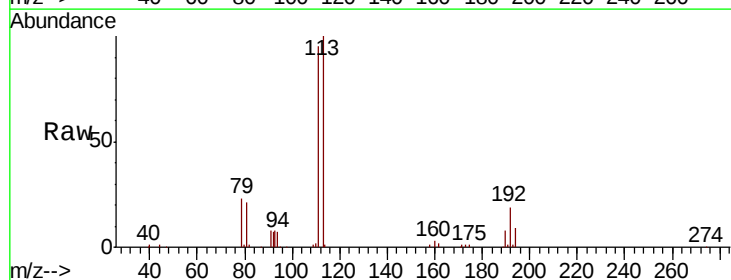
Tgt Ion:113 Resp: 98538

Ion Ratio Lower Upper

113 100

111 97.6 82.6 123.8

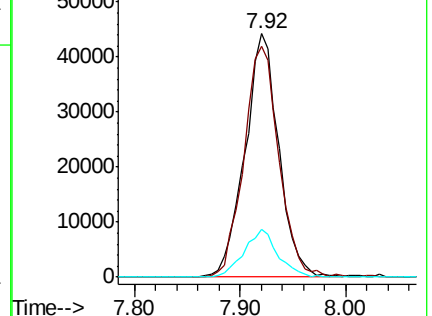
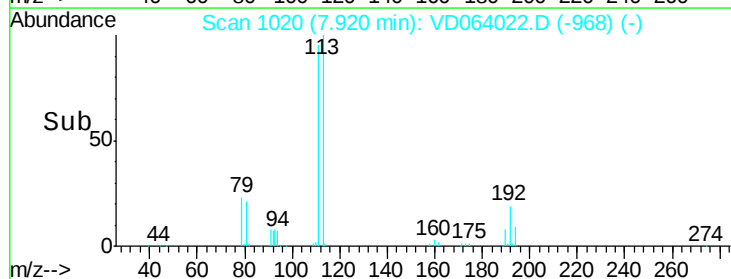
192 19.4 17.1 25.7

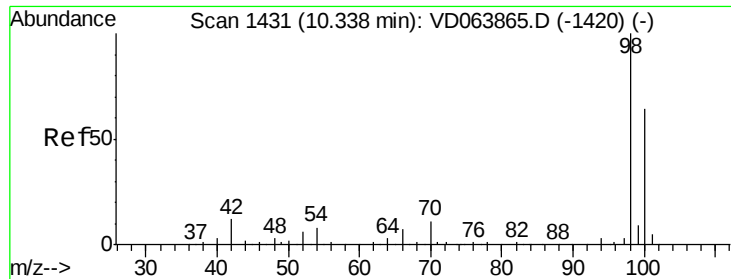


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

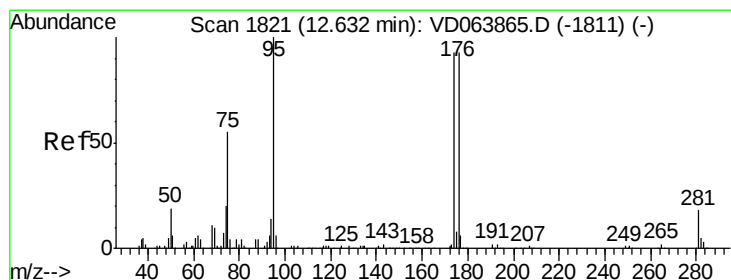
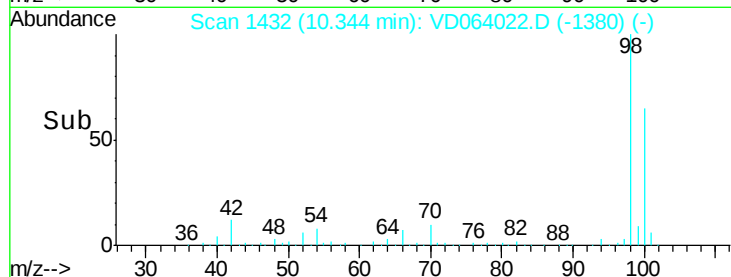
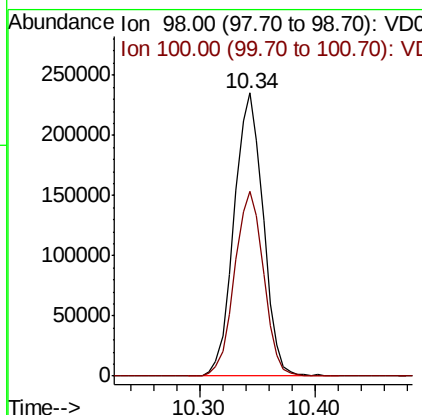
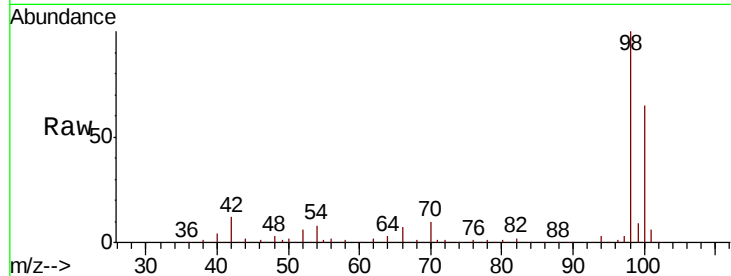




#50
Toluene-d8
Concen: 53.564 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064022.D
Acq: 23 Oct 2019 15:50

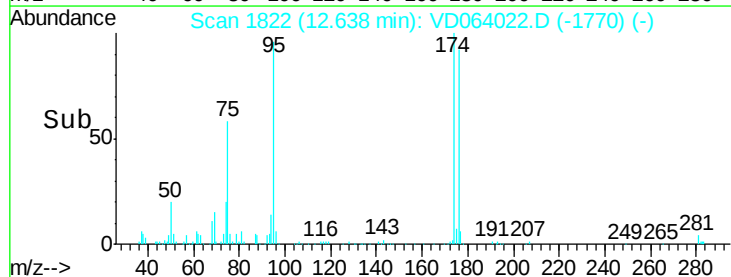
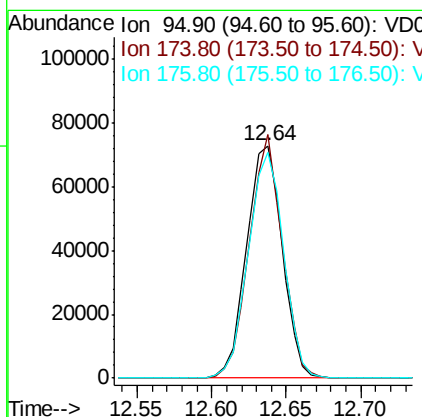
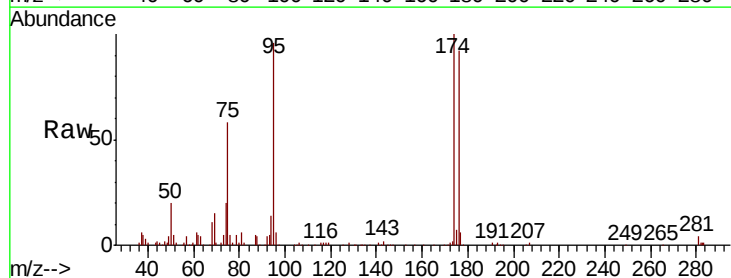
Instrument :
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ClientSampleId :
169-90-(1.2)

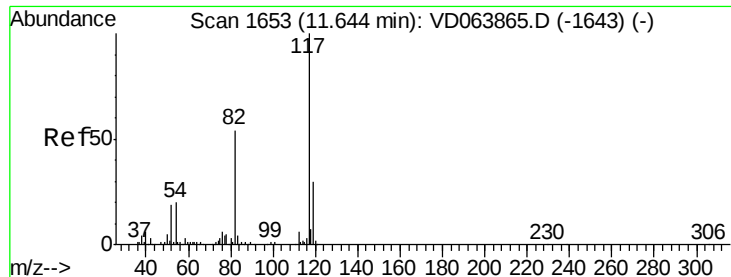
Tot Ion: 98 Resp: 410821
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.146 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD064022.D
Acq: 23 Oct 2019 15:50

Tgt Ion: 95 Resp: 120324
Ion Ratio Lower Upper
95 100
174 96.4 0.0 186.4
176 96.1 0.0 184.2

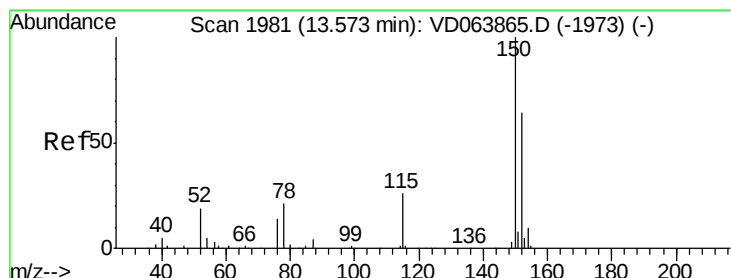
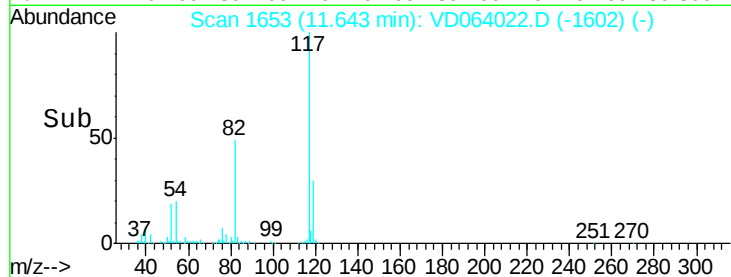
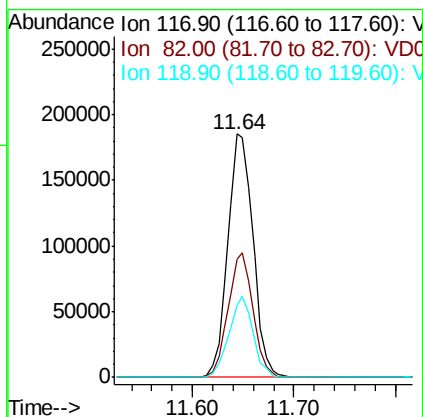
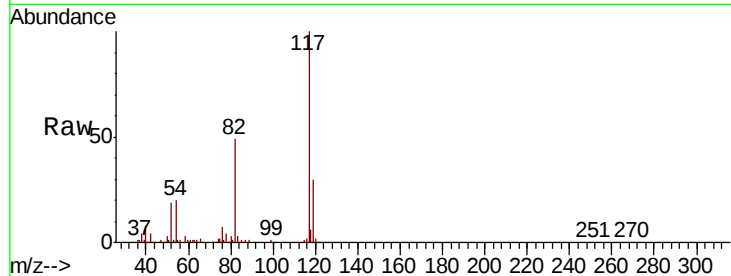




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD064022.D
Acq: 23 Oct 2019 15:50

Instrument :
MSVOA_D
ClientSampleId :
169-90-(1.2)

Tot Ion	Ratio	Lower	Upper
117	100		
82	48.6	42.8	64.2
119	29.8	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: VD064022.D
Acq: 23 Oct 2019 15:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.0	25.9	77.7
150	157.8	0.0	344.2

