

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032720\
 Data File : VD065549.D
 Acq On : 27 Mar 2020 17:38
 Operator : VA/SY
 Sample : L2040-13RE
 Misc : 6.92G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-209RE

Quant Time: Mar 30 07:54:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 01:47:48 2020
 Response via : Initial Calibration

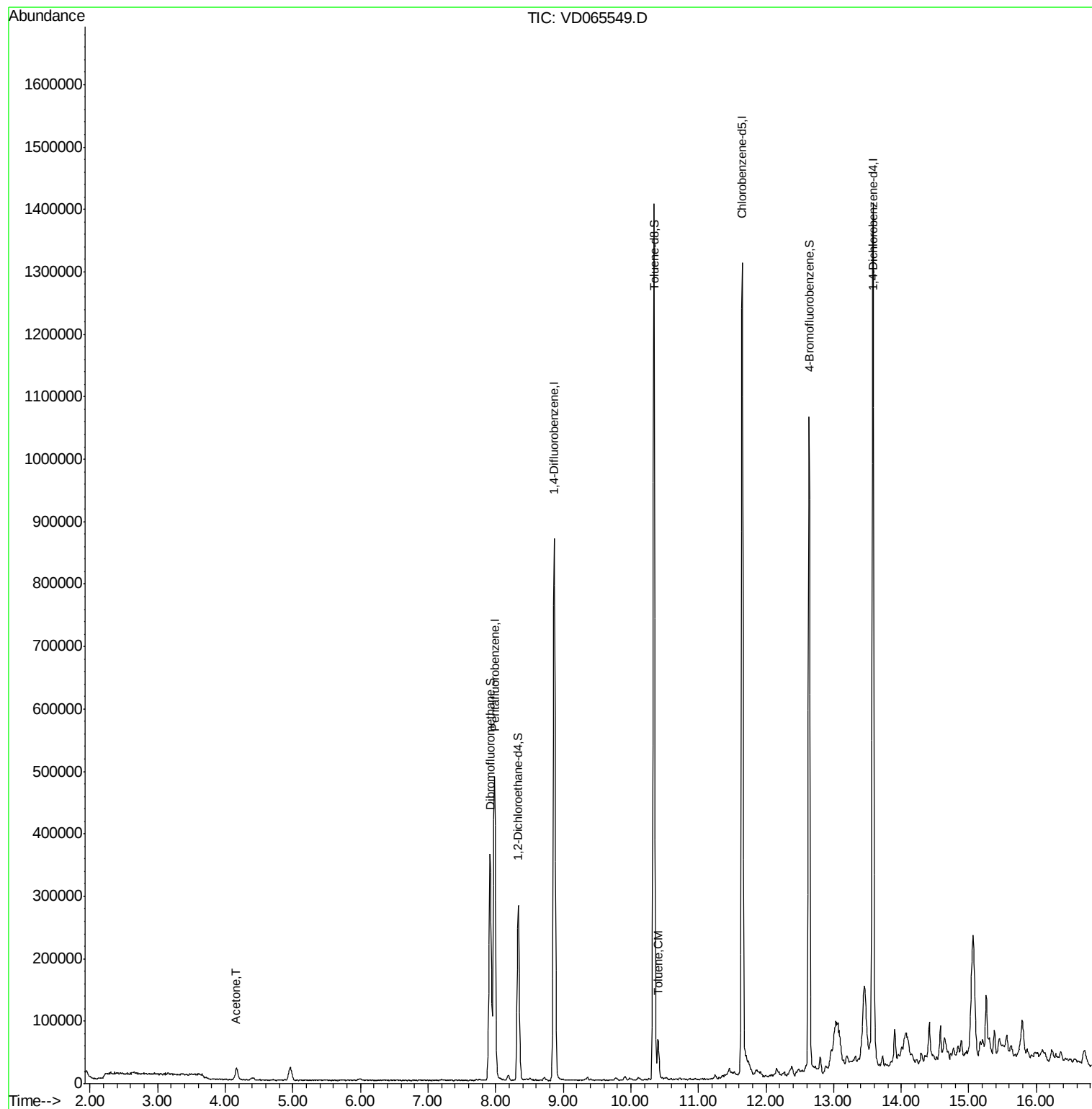
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	390792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	759134	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	793428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	389701	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	225838	69.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	138.84%	
35) Dibromofluoromethane	7.92	113	265048	56.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.14%	
50) Toluene-d8	10.34	98	972046	55.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.52%	
62) 4-Bromofluorobenzene	12.64	95	334454	59.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.80%	
Target Compounds						
16) Acetone	4.16	43	34441	56.110	ug/l	95
52) Toluene	10.40	92	23667	1.888	ug/l	90

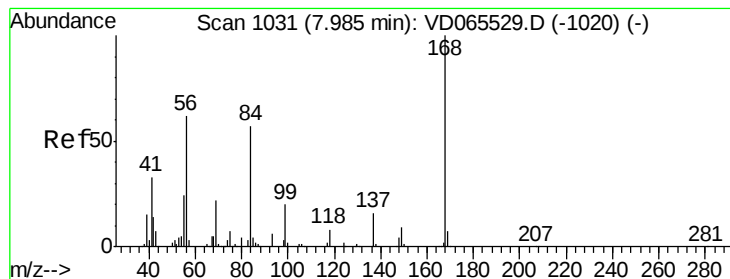
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 27 01:47:48 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065549.D

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MSVOA_D

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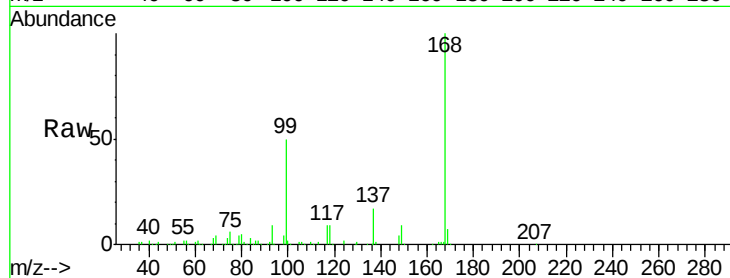
RO-209RE

Tot Ion:168 Resp: 390792

Ion Ratio Lower Upper

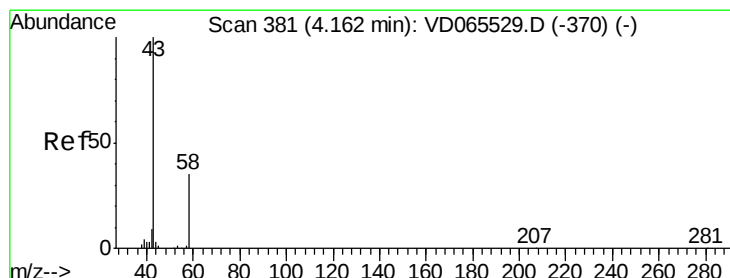
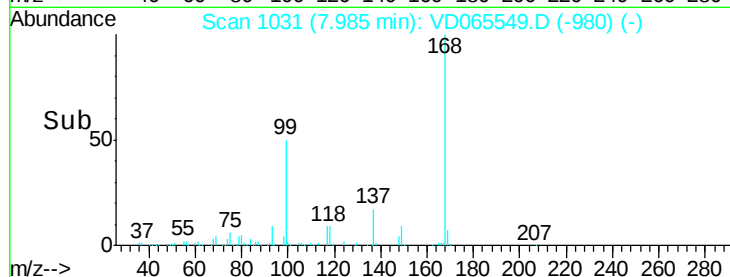
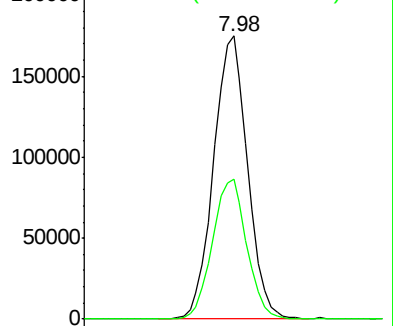
168 100

99 49.7 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 56.110 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.00 min

Lab File: VD065549.D

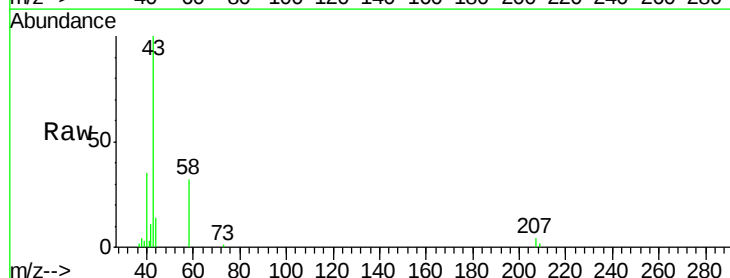
Acq: 27 Mar 2020 17:38

Tgt Ion: 43 Resp: 34441

Ion Ratio Lower Upper

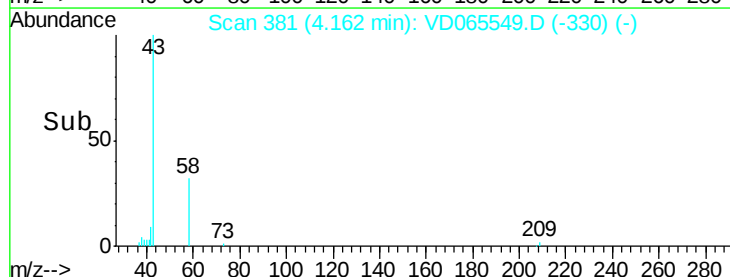
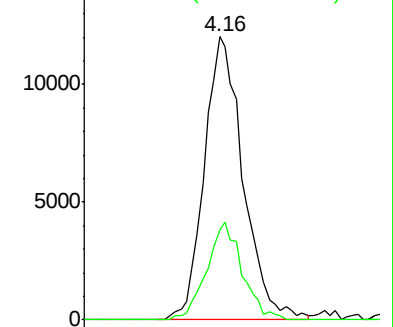
43 100

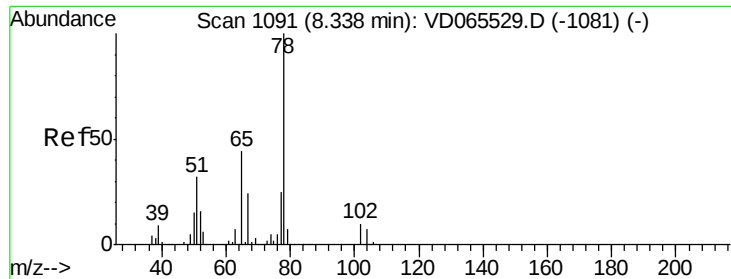
58 31.9 27.9 41.9



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: 69.423 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065549.D

Acq: 27 Mar 2020 17:38

Instrument :

MSVOA_D

ClientSampleId :

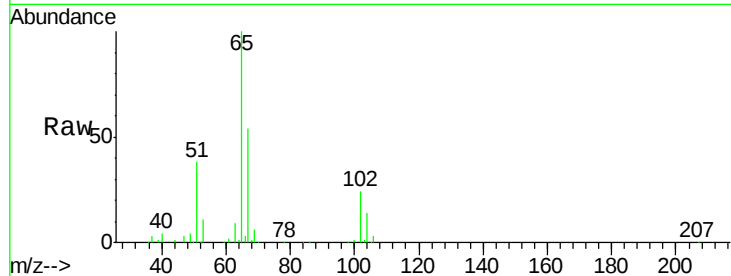
RO-209RE

Tot Ion: 65 Resp: 225838

Ion Ratio Lower Upper

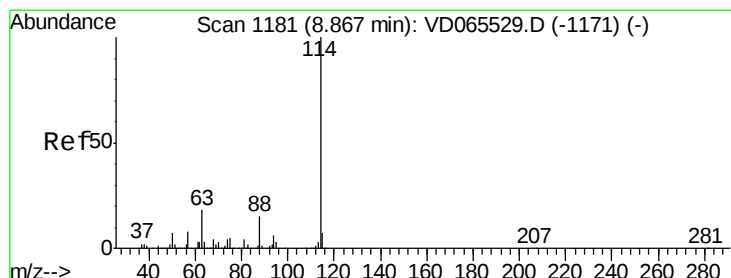
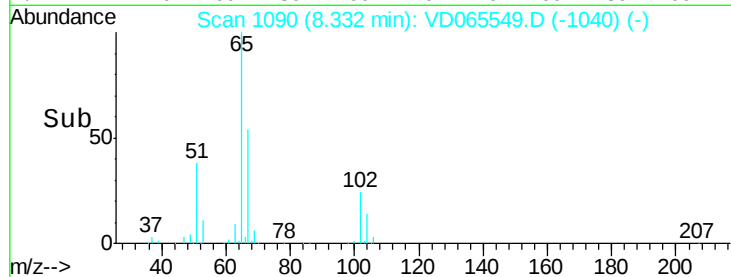
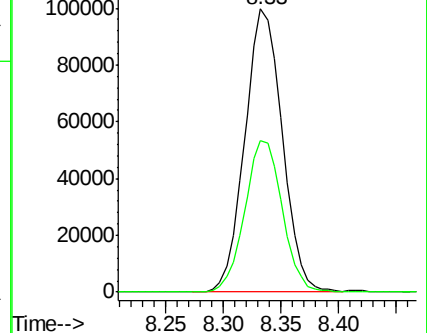
65 100

67 53.4 0.0 107.6



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: VD065549.D

Acq: 27 Mar 2020 17:38

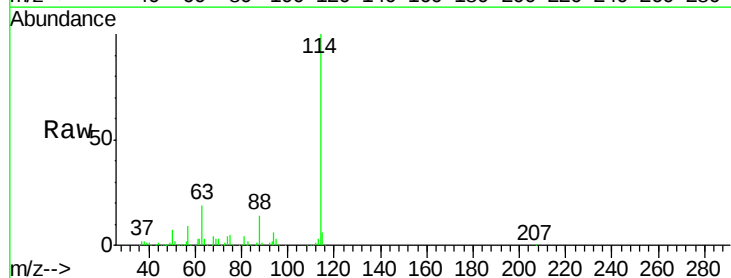
Tgt Ion: 114 Resp: 759134

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.0

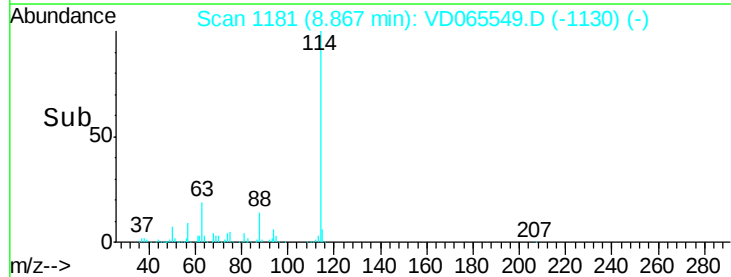
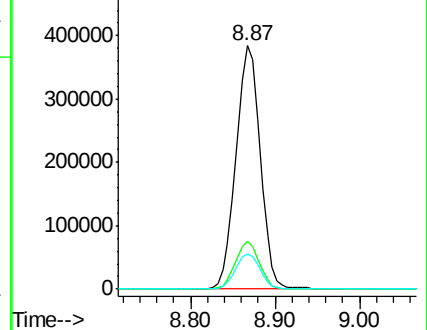
88 14.4 0.0 30.4

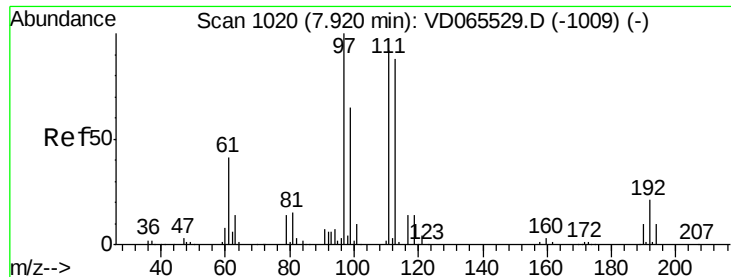


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

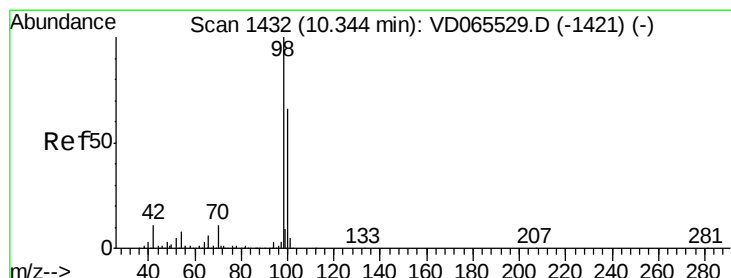
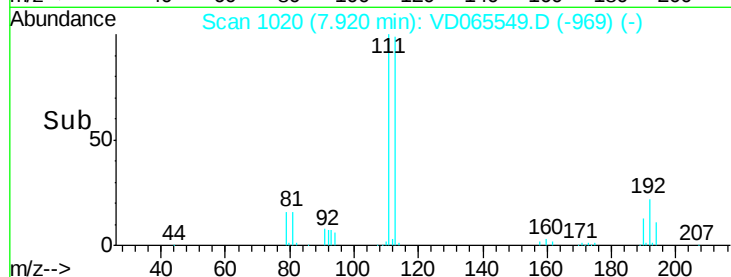
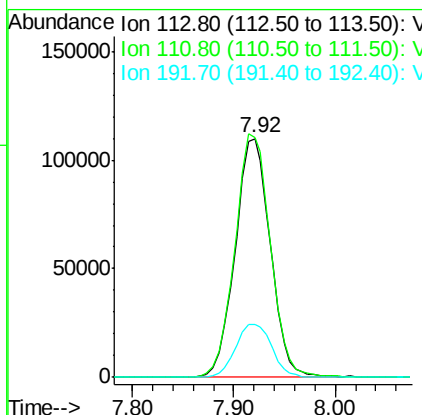
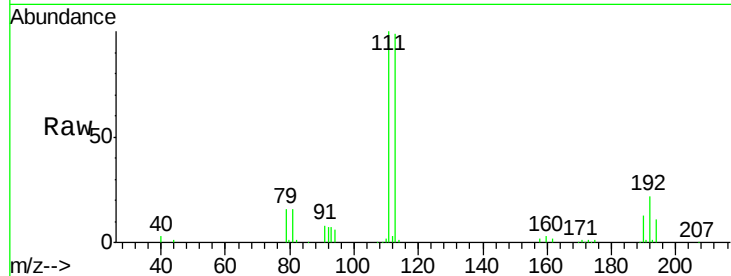




#35
 Dibromofluoromethane
 Concen: 56.565 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065549.D
 Acq: 27 Mar 2020 17:38

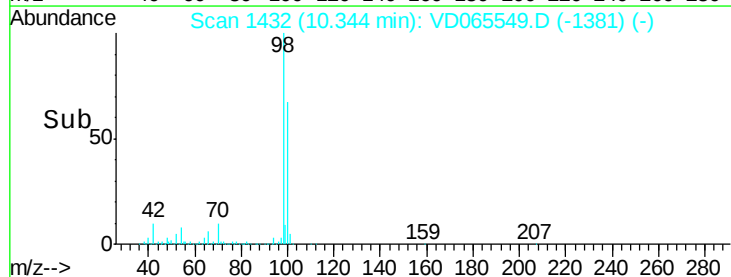
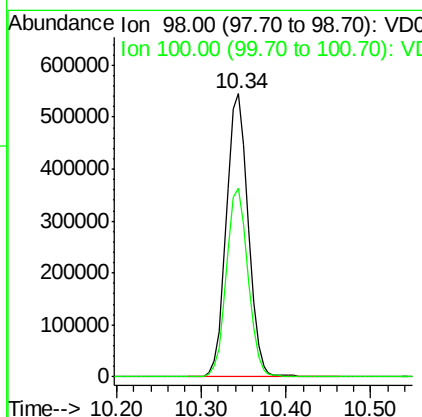
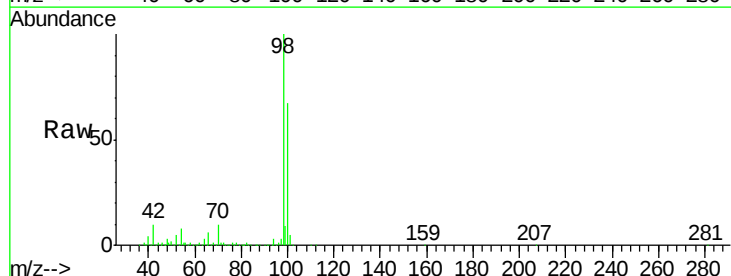
Instrument :
 MSVOA_D
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 RO-209RE

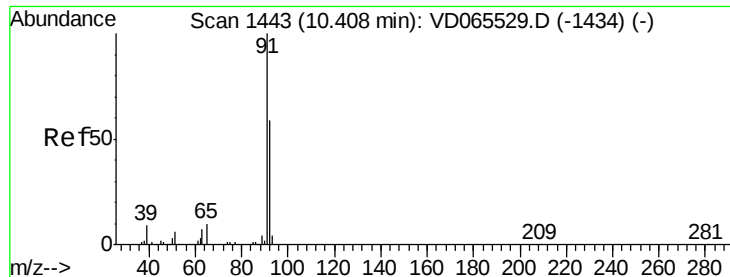
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.3	124.9
192	22.9	18.5	27.7



#50
 Toluene-d8
 Concen: 55.256 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD065549.D
 Acq: 27 Mar 2020 17:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.2	78.2





#52

Toluene

Concen: 1.888 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VD065549.D

Acq: 27 Mar 2020 17:38

Instrument :

MSVOA_D

ClientSampleId :

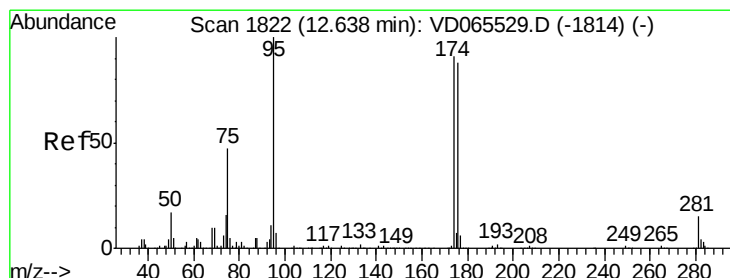
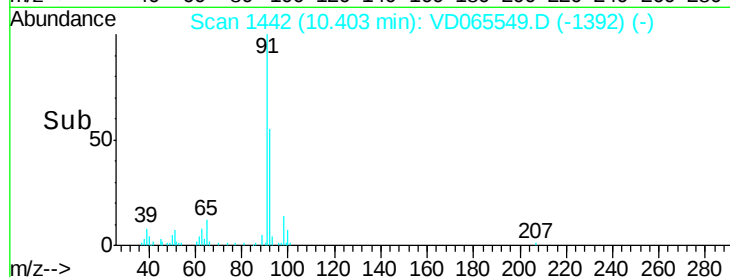
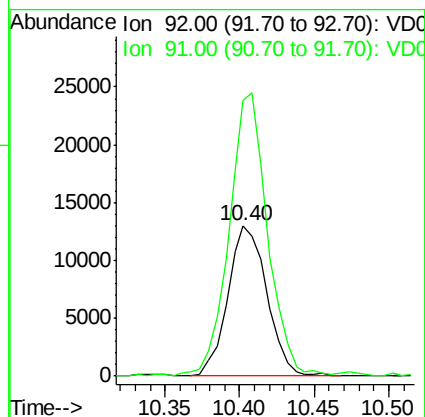
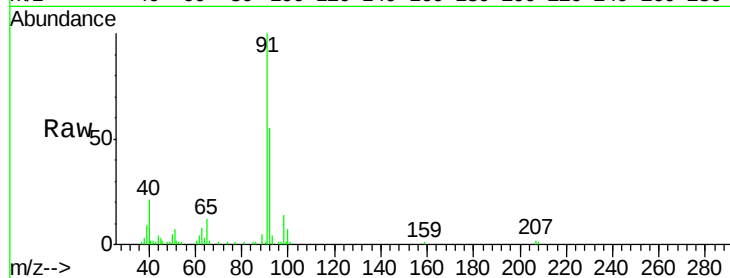
RO-209RE

Tot Ion: 92 Resp: 23667

Ion Ratio Lower Upper

92 100

91 185.5 137.3 205.9



#62

4-Bromofluorobenzene

Concen: 59.902 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065549.D

Acq: 27 Mar 2020 17:38

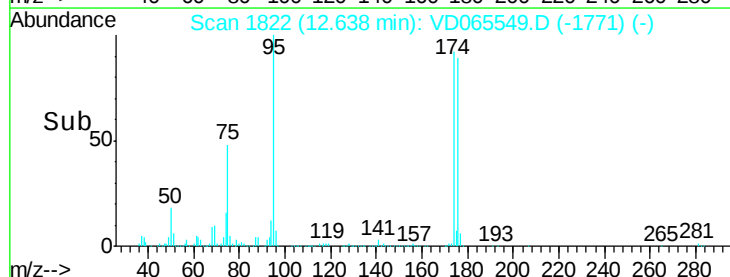
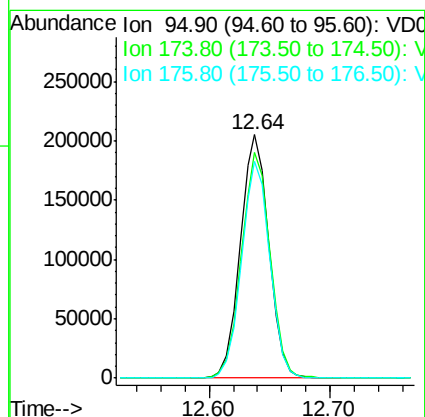
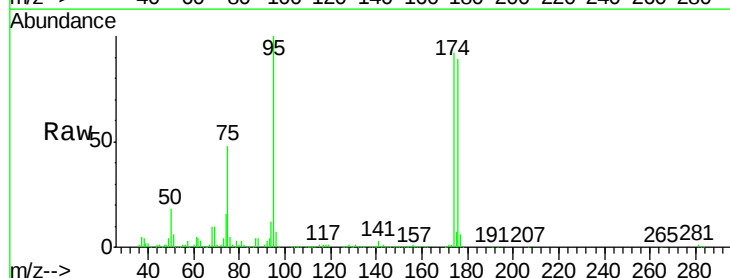
Tgt Ion: 95 Resp: 334454

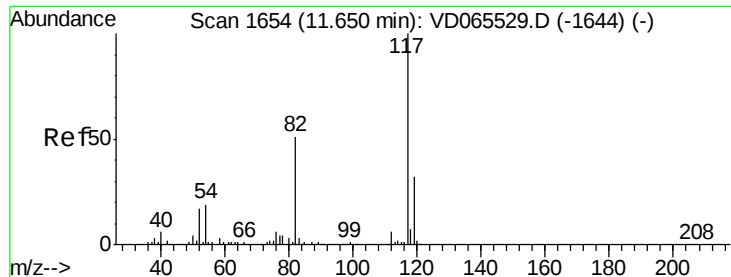
Ion Ratio Lower Upper

95 100

174 93.7 0.0 183.8

176 89.0 0.0 178.2

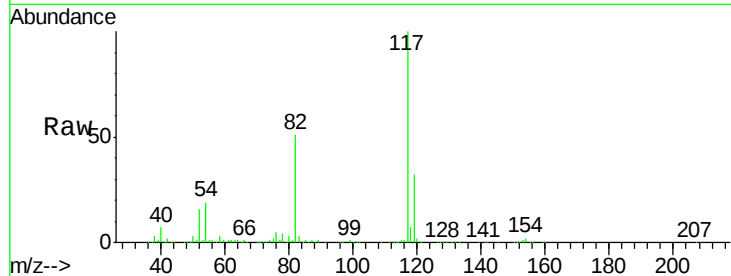




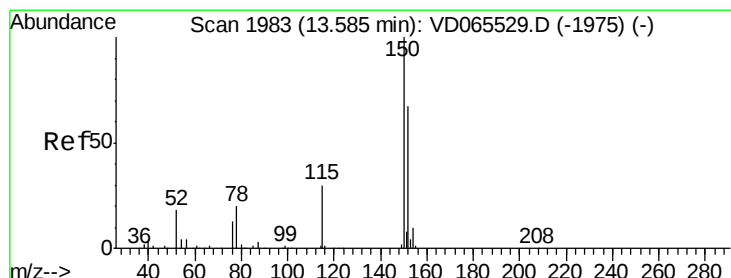
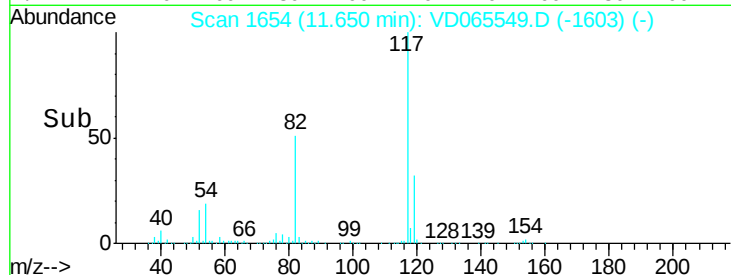
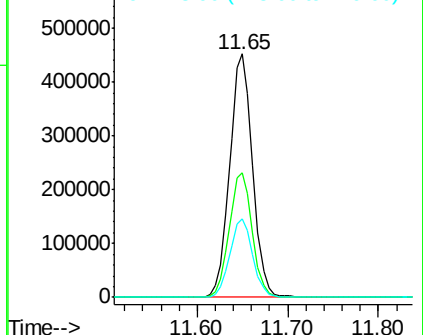
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065549.D
Acq: 27 Mar 2020 17:38

Instrument :
MSVOA_D
ClientSampleId :
RO-209RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	41.0	61.6
119	32.4	25.5	38.3

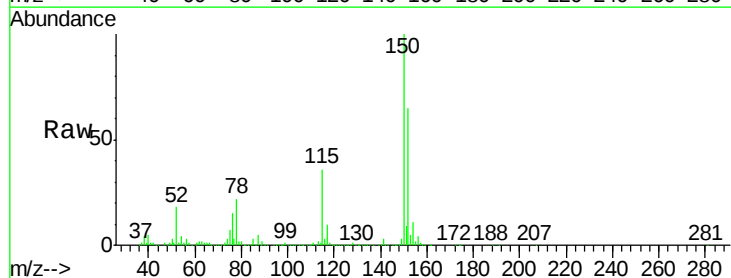


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065549.D
Acq: 27 Mar 2020 17:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.8	27.2	81.6
150	152.9	0.0	340.2



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

