

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032720\
 Data File : VD065545.D
 Acq On : 27 Mar 2020 15:43
 Operator : VA/SY
 Sample : L1761-11RE
 Misc : 7.84G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-032520RE

Quant Time: Mar 30 07:38:18 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

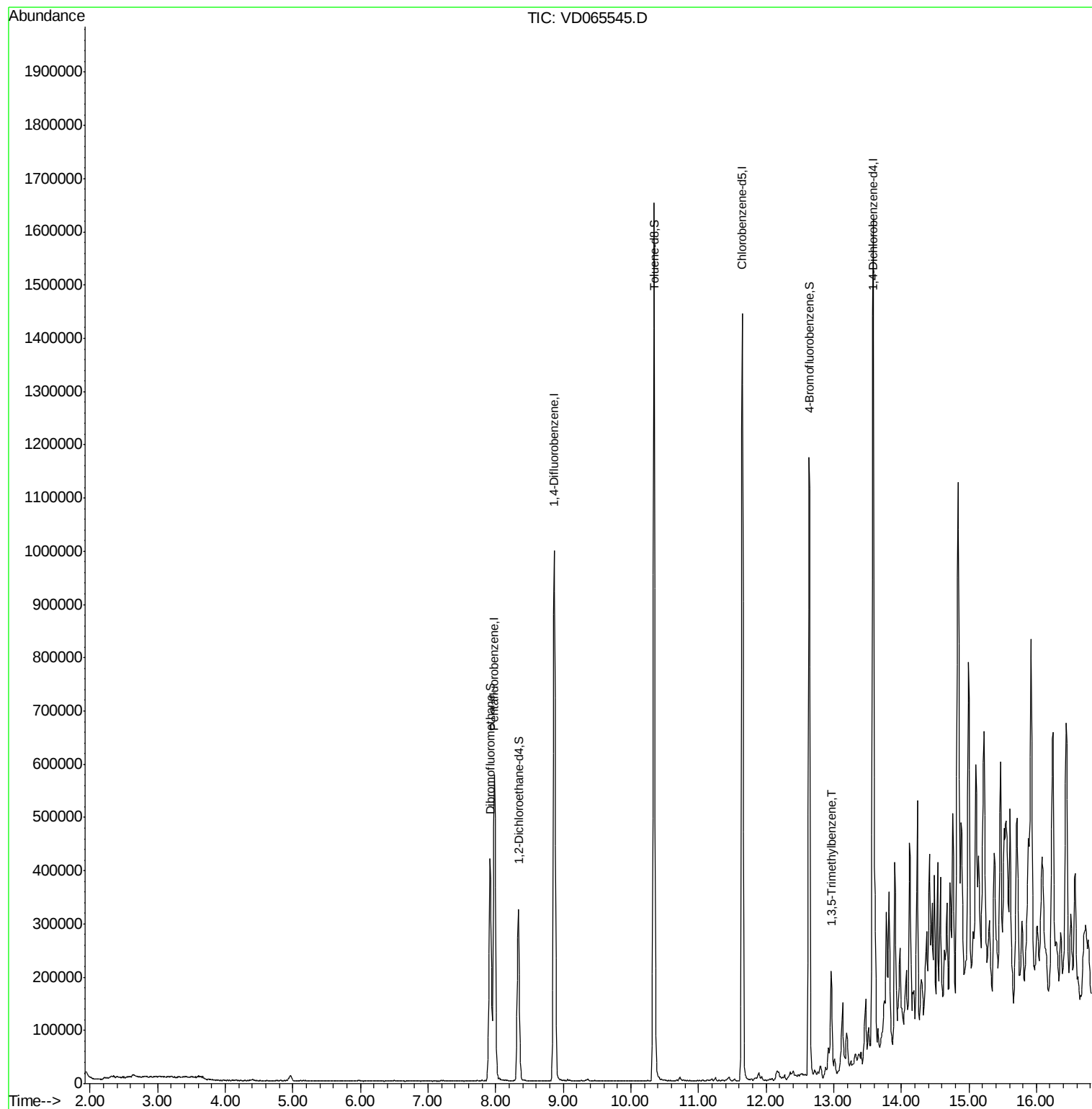
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	461773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	879993	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	869280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	444157	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	260068	67.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	135.32%	
35) Dibromofluoromethane	7.92	113	302452	55.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.36%	
50) Toluene-d8	10.34	98	1087542	53.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.66%	
62) 4-Bromofluorobenzene	12.64	95	371450	57.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.78%	
Target Compounds						
80) 1,3,5-Trimethylbenzene	12.97	105	70001	3.097	ug/l	Qvalue 99

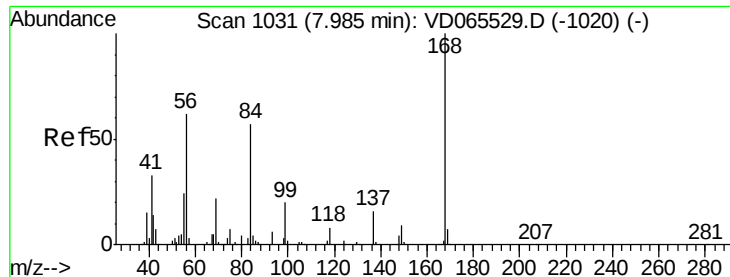
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065545.D

Acq: 27 Mar 2020 15:43

Instrument :

MSVOA_D

ClientSampleId :

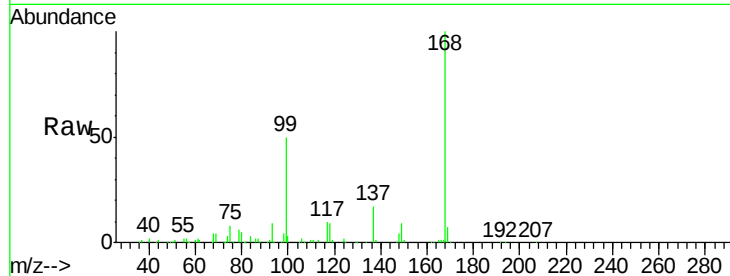
SU-02-032520RE

Tot Ion:168 Resp: 461773

Ion Ratio Lower Upper

168 100

99 50.2 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

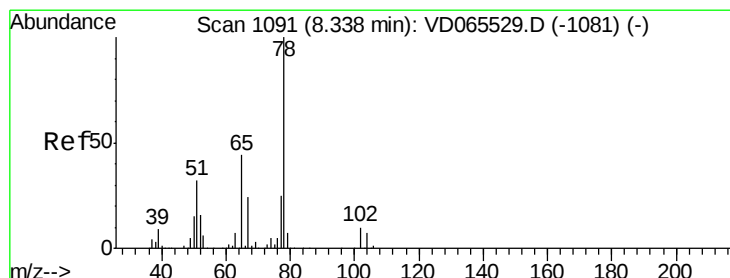
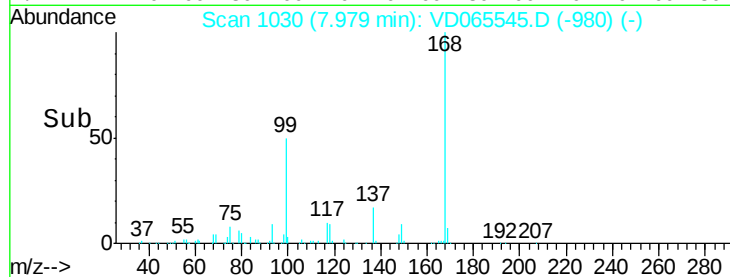
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 67.657 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065545.D

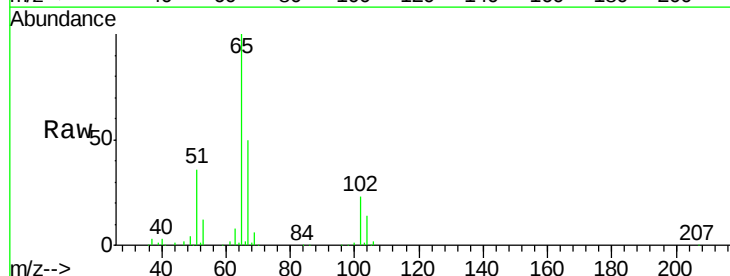
Acq: 27 Mar 2020 15:43

Tgt Ion: 65 Resp: 260068

Ion Ratio Lower Upper

65 100

67 52.4 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

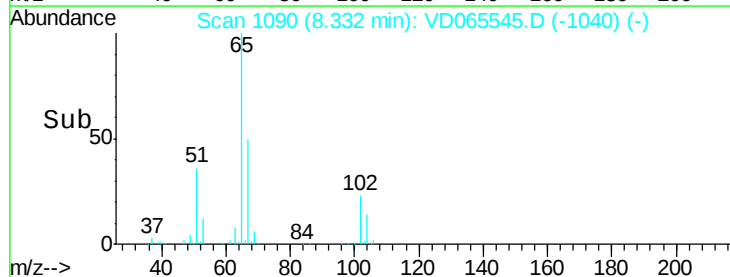
8.33

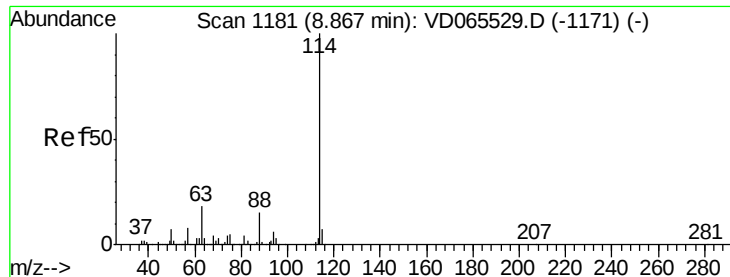
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Time-->

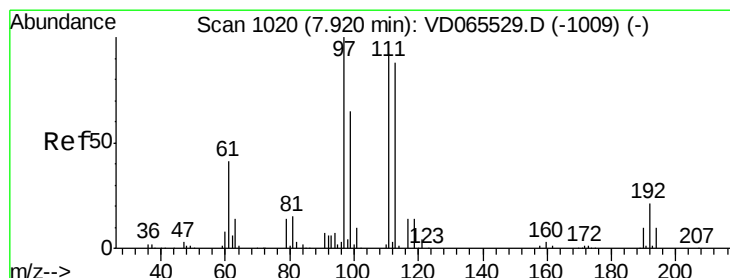
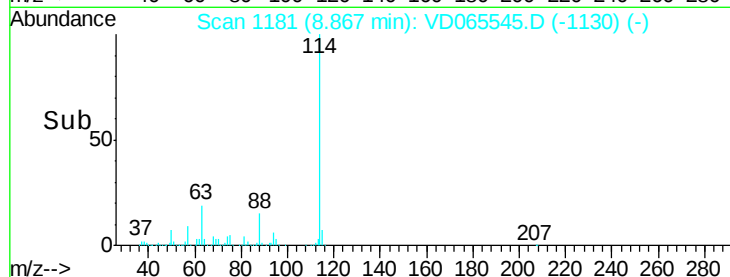
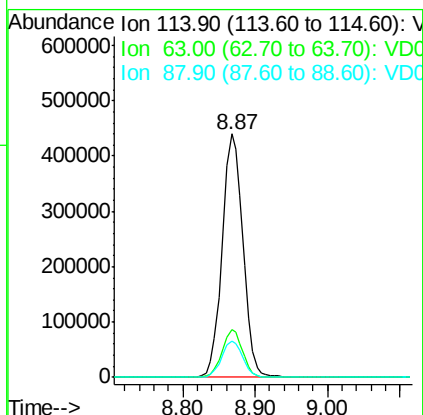
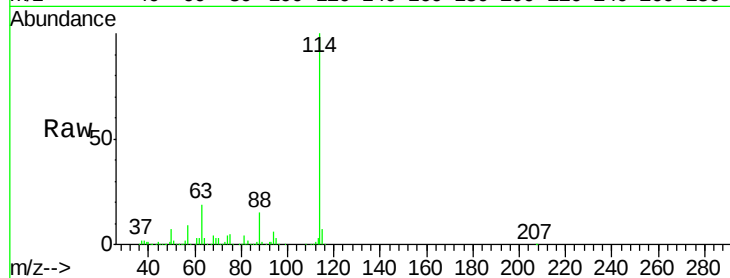




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065545.D
 Acq: 27 Mar 2020 15:43

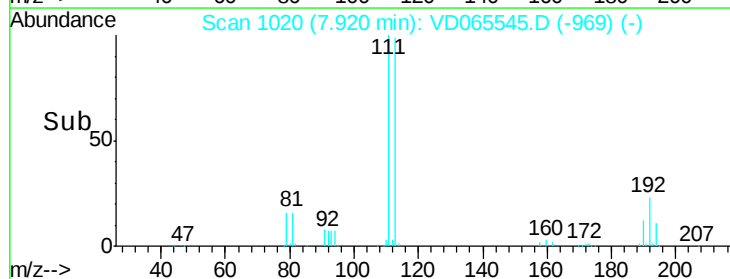
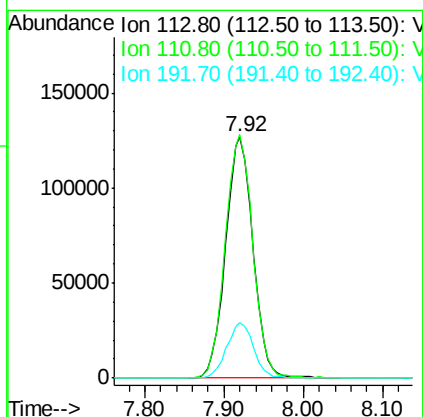
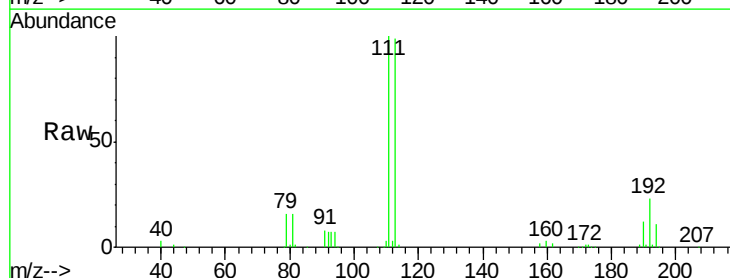
Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-032520RE

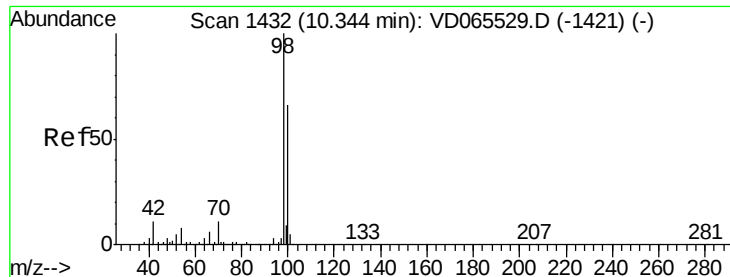
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	37.0
88	15.1	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 55.683 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065545.D
 Acq: 27 Mar 2020 15:43

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.3	124.9
192	22.6	18.5	27.7





#50

Toluene-d8

Concen: 53.331 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065545.D

Acq: 27 Mar 2020 15:43

Instrument :

MSVOA_D

ClientSampleId :

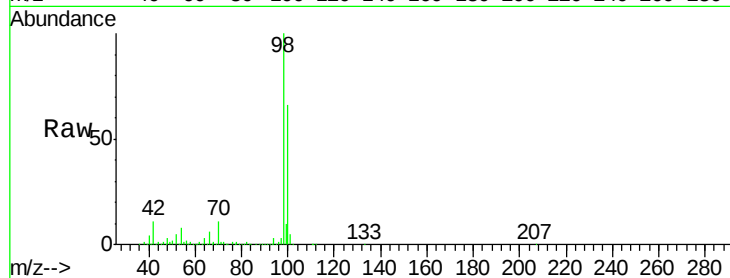
SU-02-032520RE

Tot Ion: 98 Resp: 1087542

Ion Ratio Lower Upper

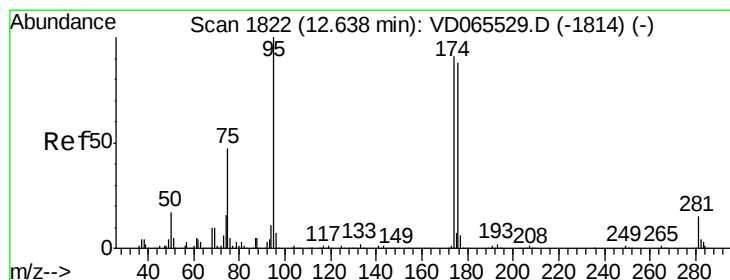
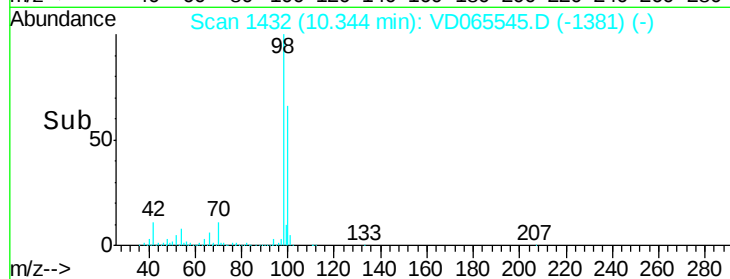
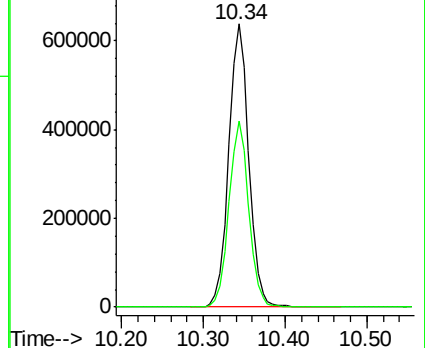
98 100

100 65.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 57.391 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065545.D

Acq: 27 Mar 2020 15:43

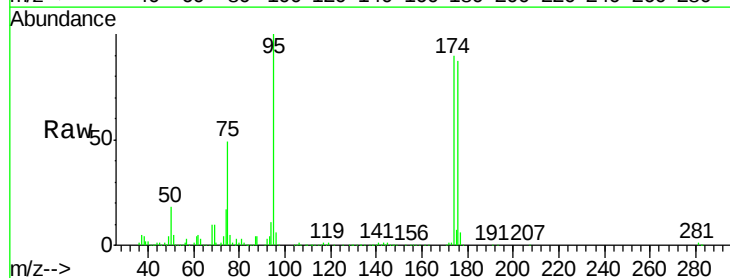
Tgt Ion: 95 Resp: 371450

Ion Ratio Lower Upper

95 100

174 91.8 0.0 183.8

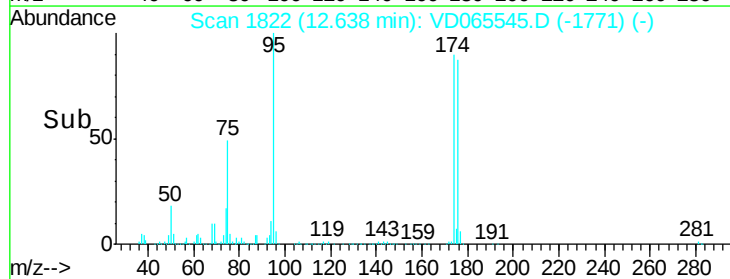
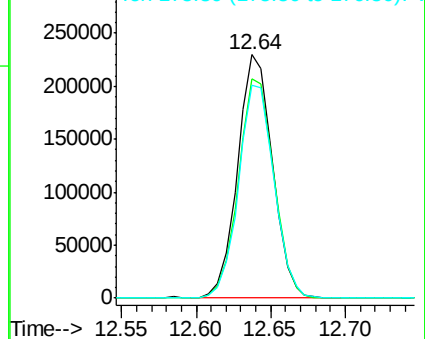
176 89.3 0.0 178.2

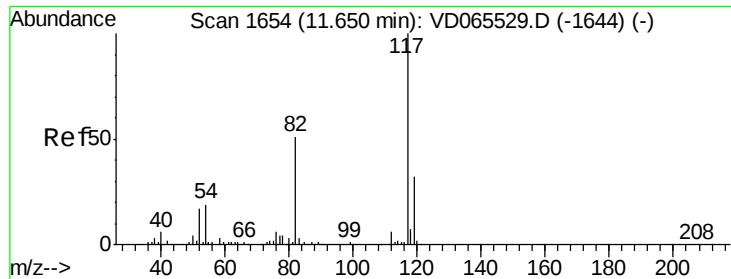


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

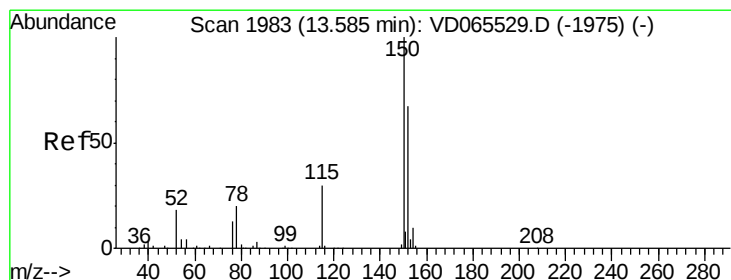
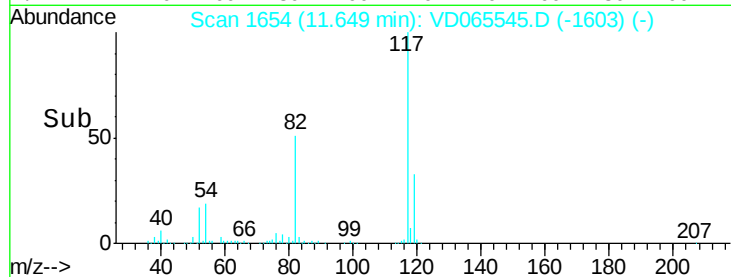
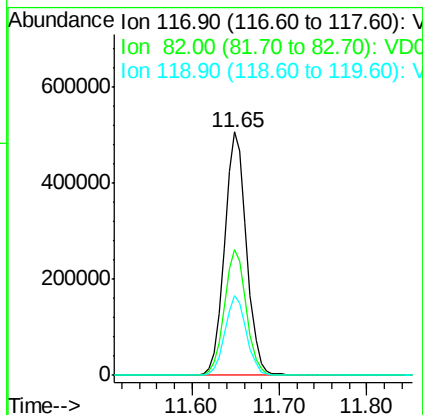
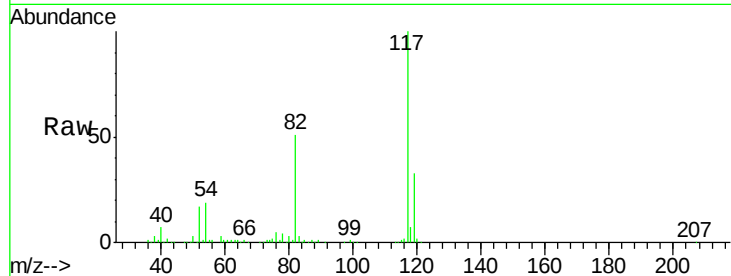




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065545.D
Acq: 27 Mar 2020 15:43

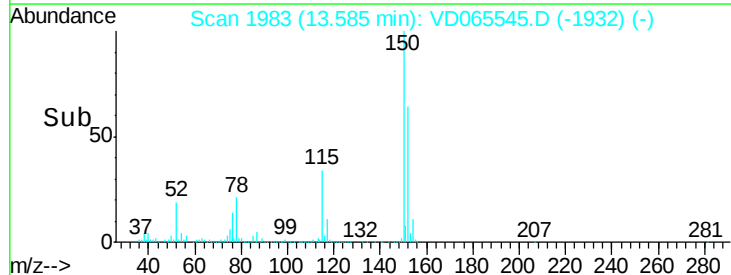
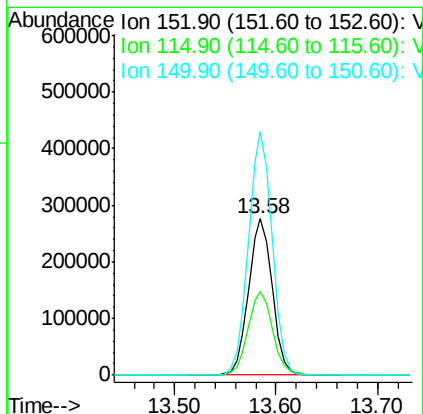
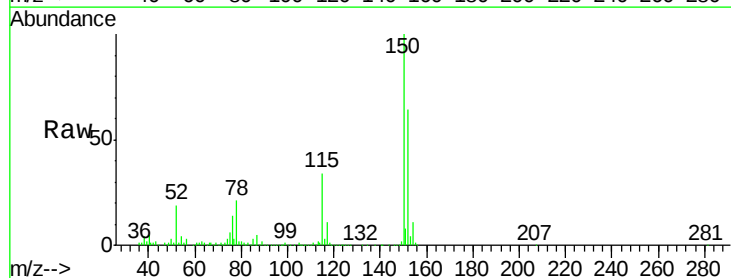
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MSVOA_D
ClientSampleId :
SU-02-032520RE

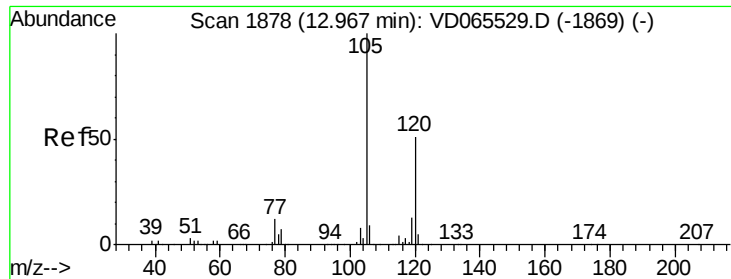
Tot Ion:117 Resp: 869280
Ion Ratio Lower Upper
117 100
82 51.5 41.0 61.6
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065545.D
Acq: 27 Mar 2020 15:43

Tgt Ion:152 Resp: 444157
Ion Ratio Lower Upper
152 100
115 55.4 27.2 81.6
150 156.2 0.0 340.2





#80
 1,3,5-Trimethylbenzene
 Concen: 3.097 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VD065545.D
 Acq: 27 Mar 2020 15:43

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-032520RE

Tot Ion:105 Resp: 70001
 Ion Ratio Lower Upper
 105 100
 120 52.1 25.6 76.6

