

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030520\
 Data File : VD065429.D
 Acq On : 05 Mar 2020 14:15
 Operator : VA/SY
 Sample : L1792-01
 Misc : 6.09G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Quant Time: Mar 06 04:00:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	562155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	948654	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	859048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	390544	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	276884	57.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.84%	
35) Dibromofluoromethane	7.92	113	300358	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
50) Toluene-d8	10.34	98	1136681	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
62) 4-Bromofluorobenzene	12.64	95	334798	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	

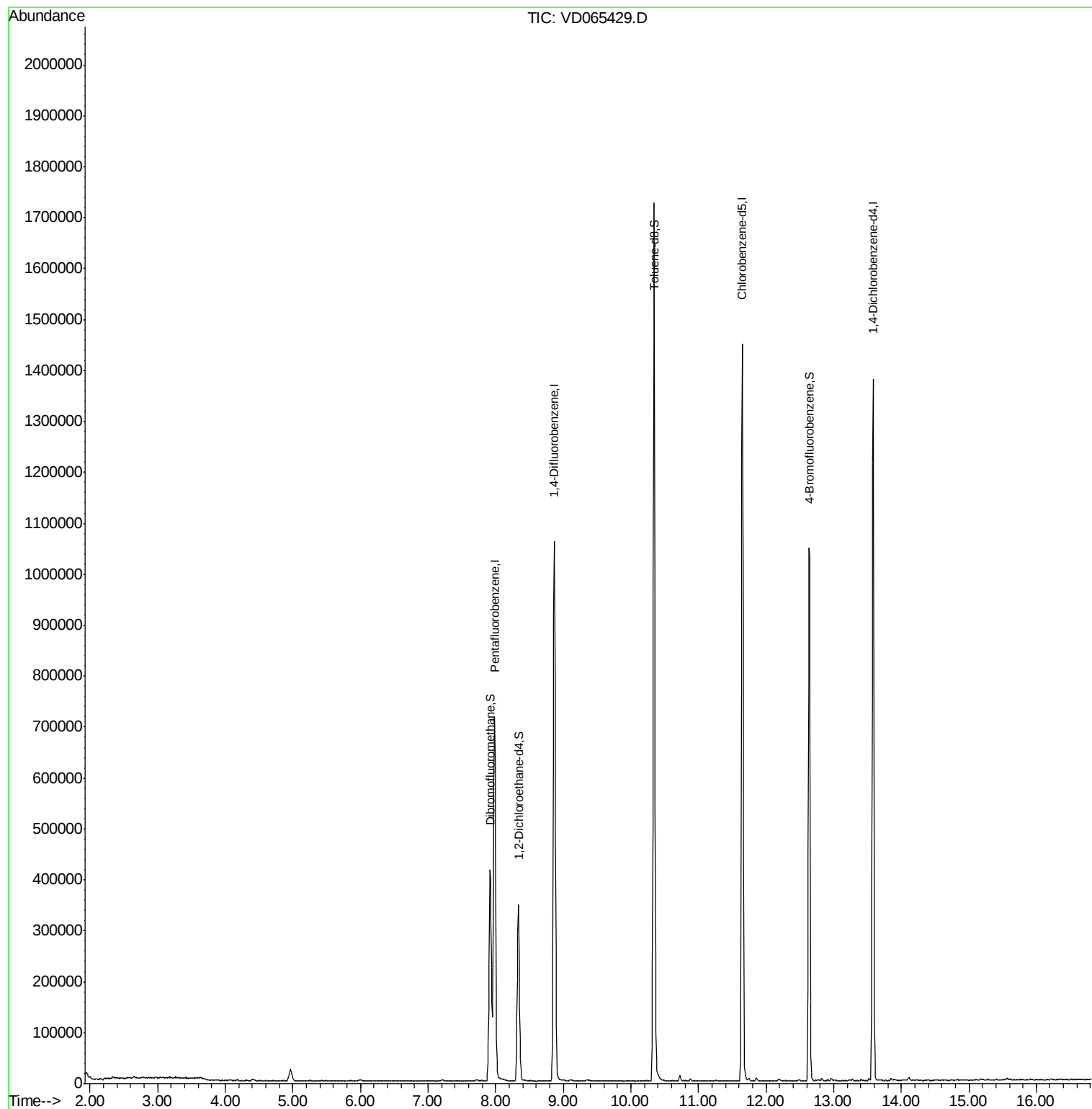
Target Compounds	Qvalue

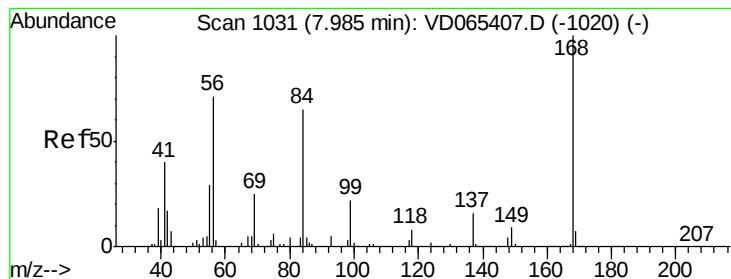
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065429.D

Acq: 05 Mar 2020 14:15

Instrument :

MSVOA_D

ClientSampleId :

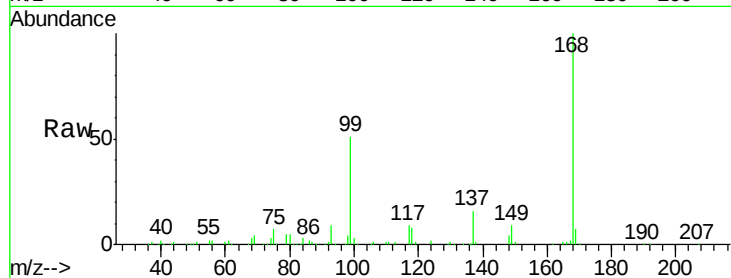
TP-3

Tot Ion:168 Resp: 562155

Ion Ratio Lower Upper

168 100

99 51.3 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

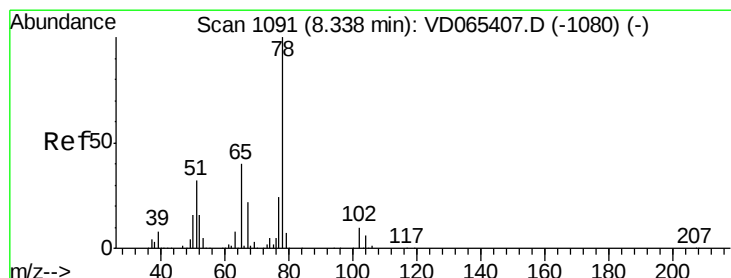
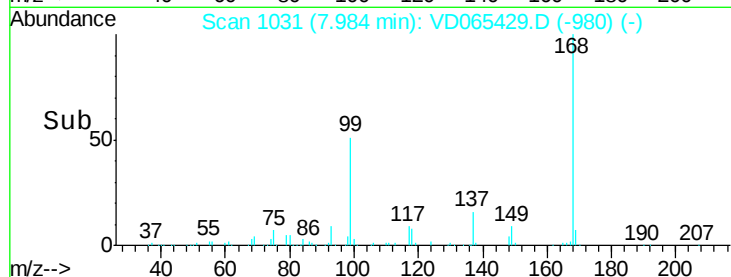
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.419 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065429.D

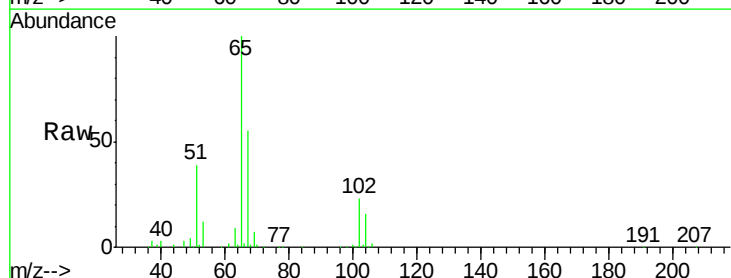
Acq: 05 Mar 2020 14:15

Tgt Ion: 65 Resp: 276884

Ion Ratio Lower Upper

65 100

67 54.1 0.0 108.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

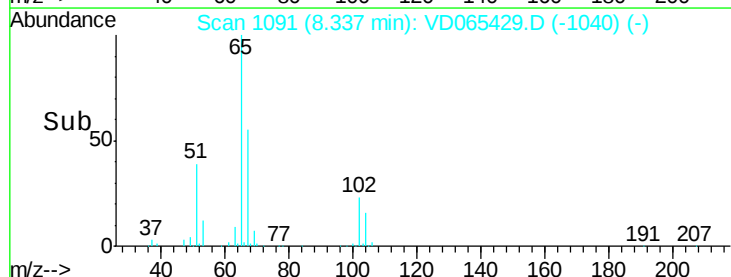
8.34

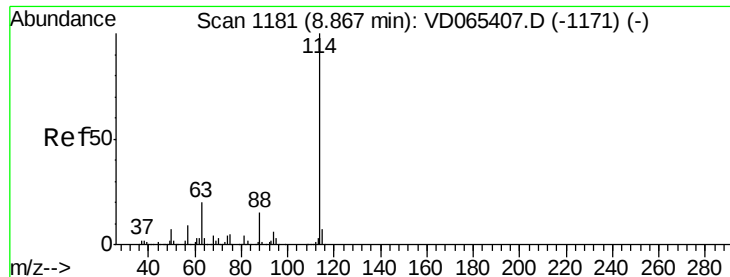
100000

50000

0

Time-->

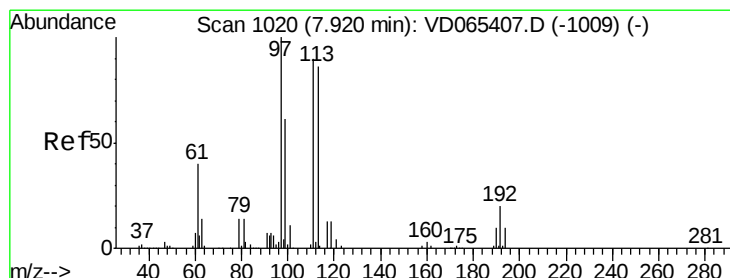
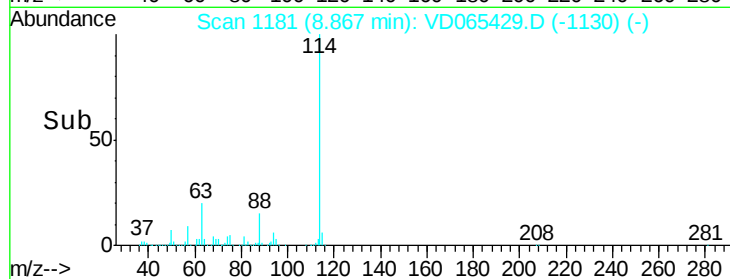
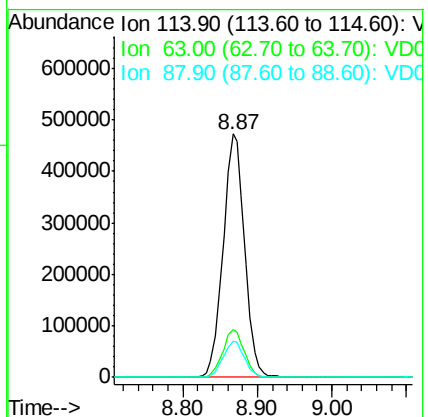
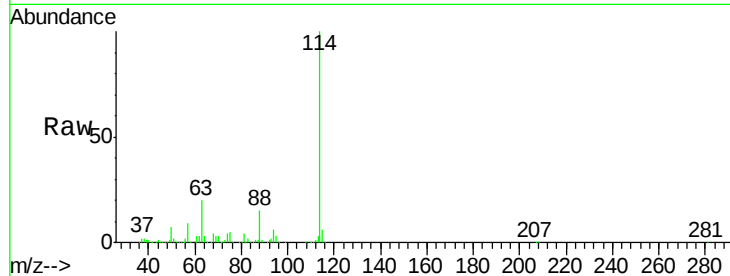




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065429.D
 Acq: 05 Mar 2020 14:15

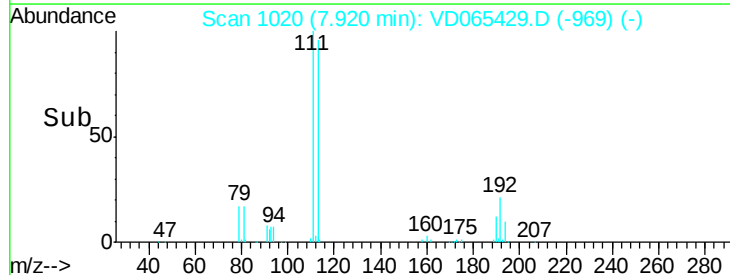
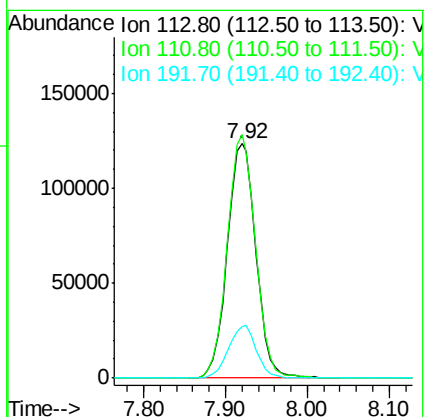
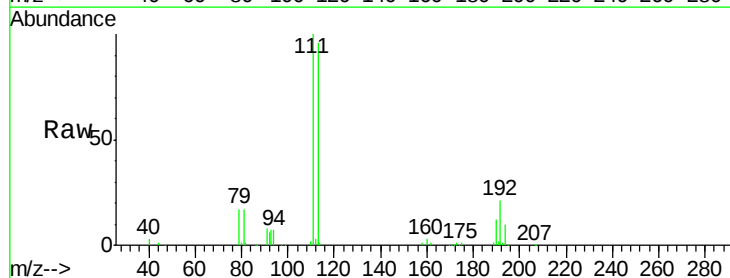
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

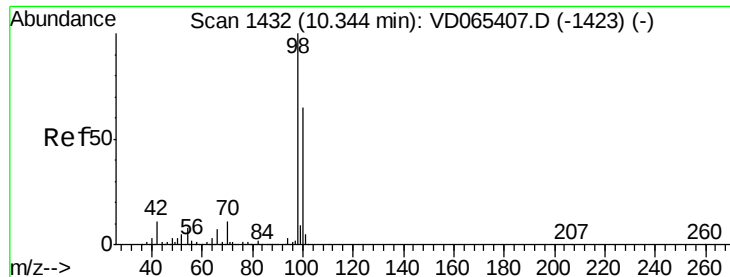
Tot Ion:114 Resp: 948654
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.6
 88 14.9 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 51.199 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065429.D
 Acq: 05 Mar 2020 14:15

Tgt Ion:113 Resp: 300358
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.1 123.1
 192 22.0 17.2 25.8





#50

Toluene-d8

Concen: 50.505 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065429.D

Acq: 05 Mar 2020 14:15

Instrument :

MSVOA_D

ClientSampleId :

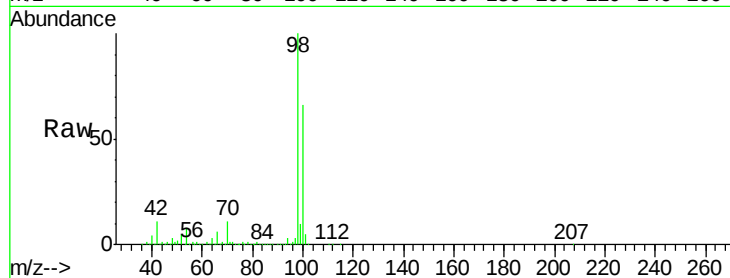
TP-3

Tot Ion: 98 Resp: 1136681

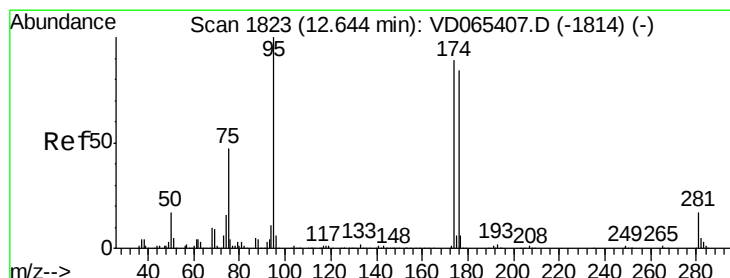
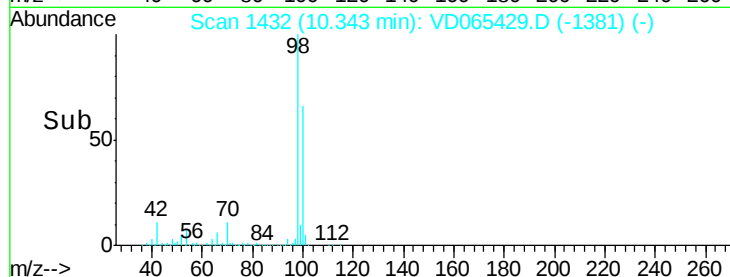
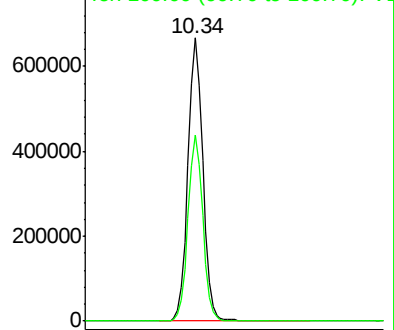
Ion Ratio Lower Upper

98 100

100 65.3 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VD065407.D (-1423) (-)



#62

4-Bromofluorobenzene

Concen: 48.187 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VD065429.D

Acq: 05 Mar 2020 14:15

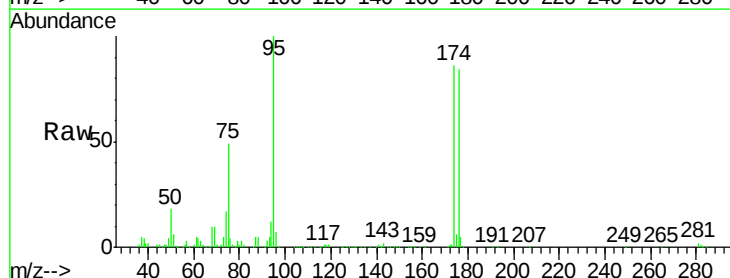
Tgt Ion: 95 Resp: 334798

Ion Ratio Lower Upper

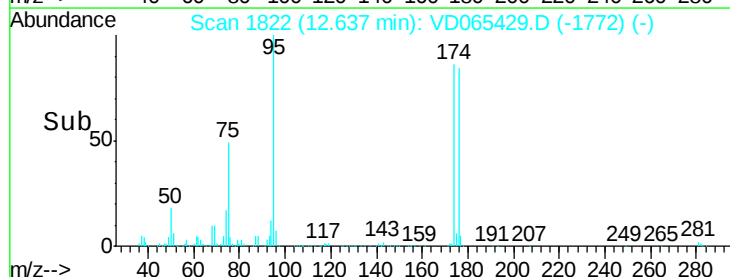
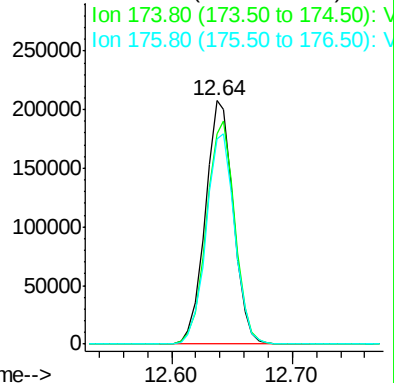
95 100

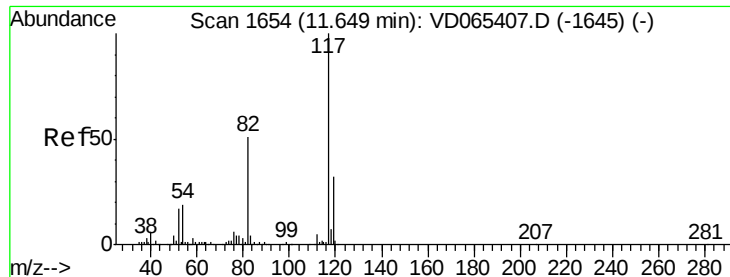
174 92.8 0.0 176.8

176 88.2 0.0 171.4



Abundance Ion 94.90 (94.60 to 95.60): VD065407.D (-1814) (-)

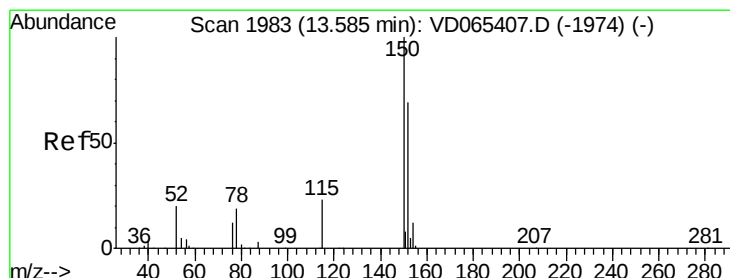
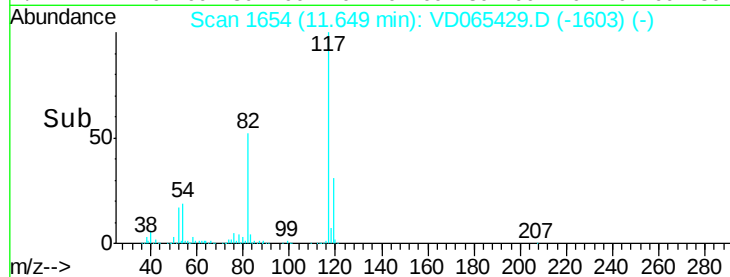
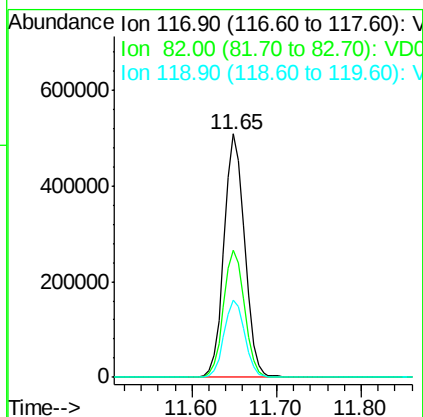
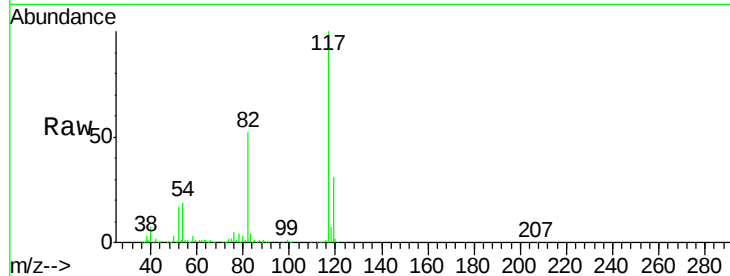




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065429.D
Acq: 05 Mar 2020 14:15

Instrument :
MSVOA_D
ClientSampleId :
TP-3

Tot Ion:117 Resp: 859048
Ion Ratio Lower Upper
117 100
82 52.0 40.6 60.8
119 31.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065429.D
Acq: 05 Mar 2020 14:15

Tgt Ion:152 Resp: 390544
Ion Ratio Lower Upper
152 100
115 54.6 27.6 82.8
150 153.9 0.0 345.0

