

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD032420\
 Data File : VD065522.D
 Acq On : 24 Mar 2020 16:29
 Operator : VA/SY
 Sample : L2009-01
 Misc : 6.83G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TRACKS-66-67

Quant Time: Mar 25 03:03:57 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

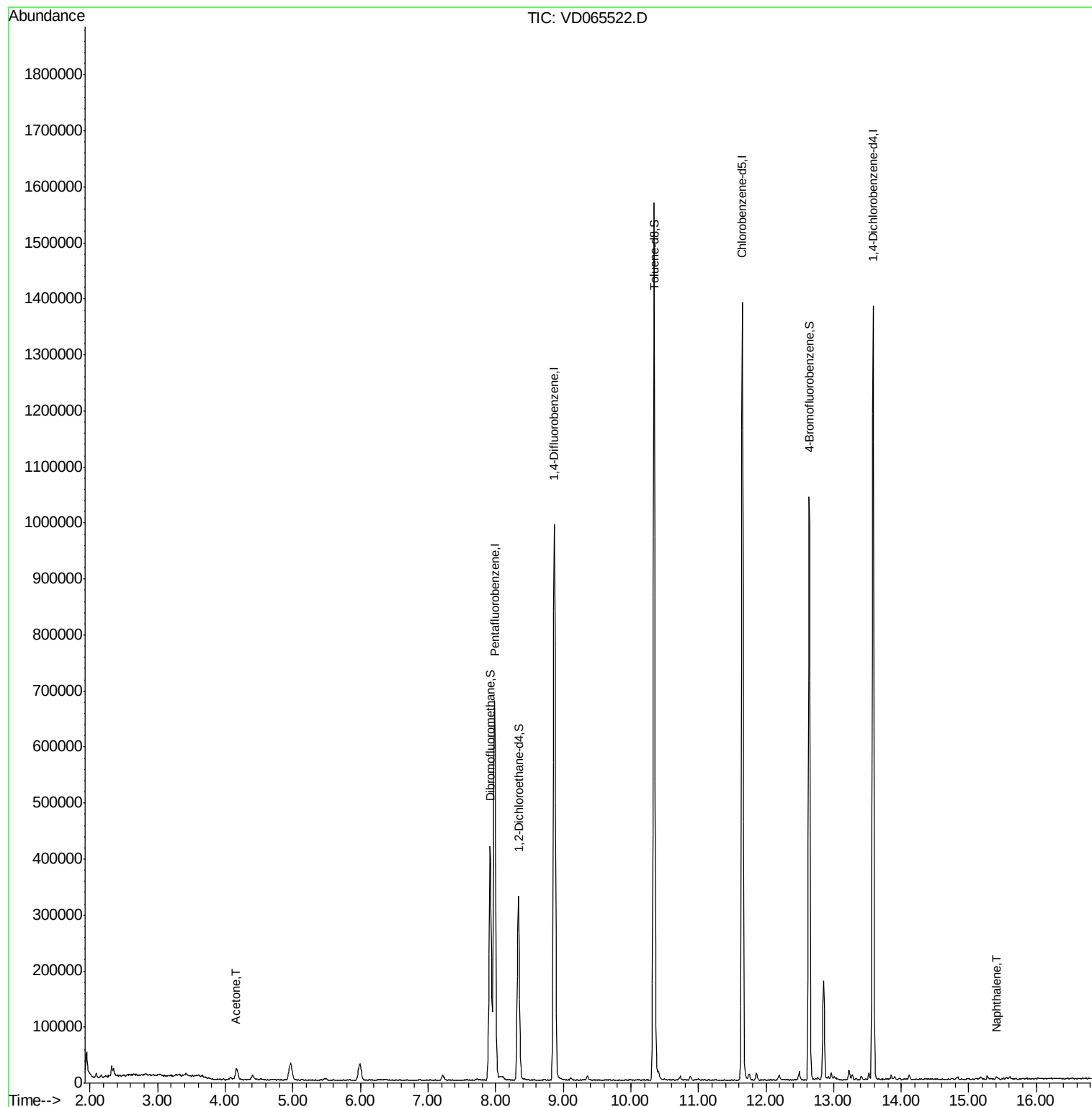
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	530677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	899787	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	830820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	379097	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	262900	57.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.50%	
35) Dibromofluoromethane	7.92	113	297329	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
50) Toluene-d8	10.34	98	1055943	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
62) 4-Bromofluorobenzene	12.64	95	330466	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
Target Compounds						
16) Acetone	4.16	43	33997	36.928	ug/l	98
95) Naphthalene	15.41	128	4363	4.732	ug/l #	92

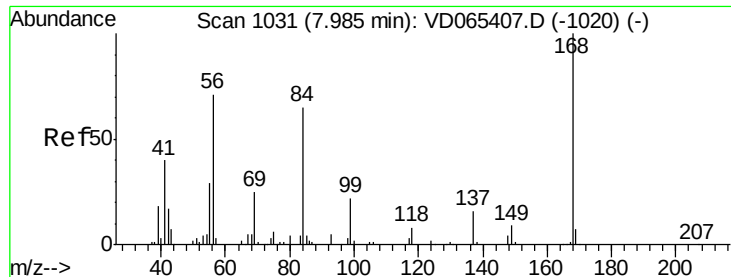
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065522.D

Acq: 24 Mar 2020 16:29

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MSVOA_D

ClientSampleId :

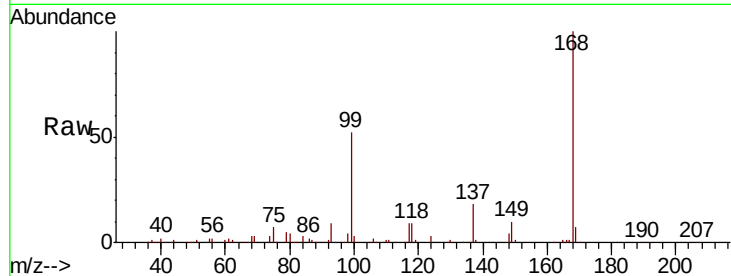
TRACKS-66-67

Tot Ion:168 Resp: 530677

Ion Ratio Lower Upper

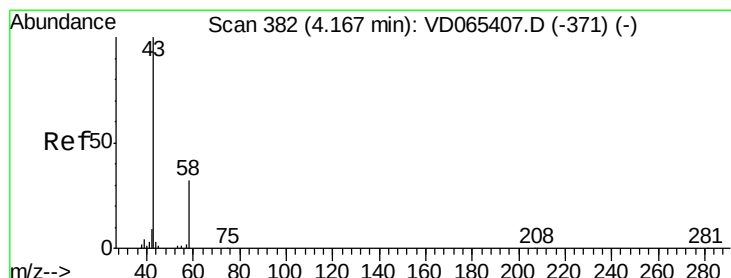
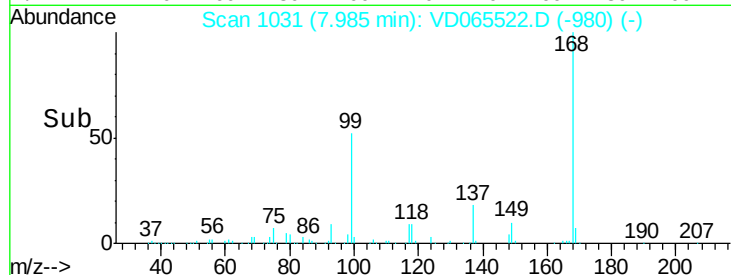
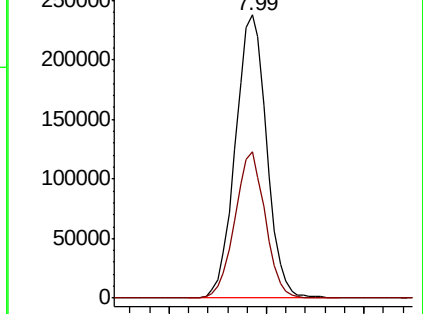
168 100

99 51.6 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 36.928 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065522.D

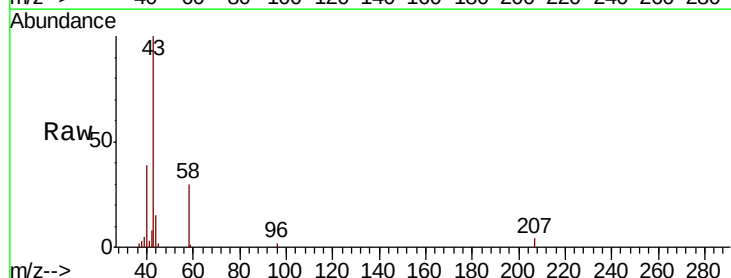
Acq: 24 Mar 2020 16:29

Tgt Ion: 43 Resp: 33997

Ion Ratio Lower Upper

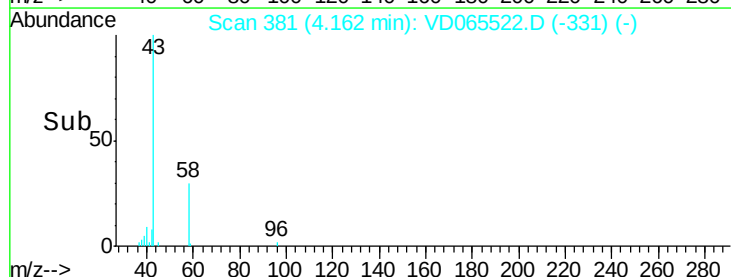
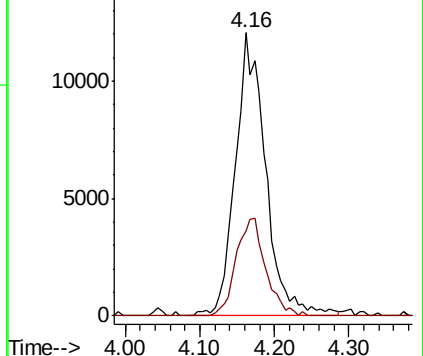
43 100

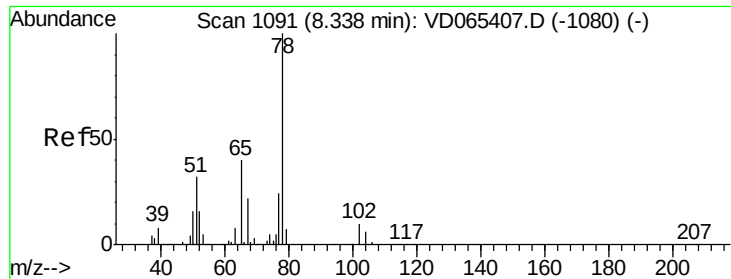
58 30.2 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

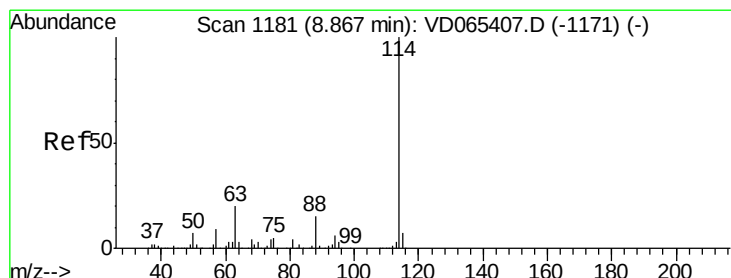
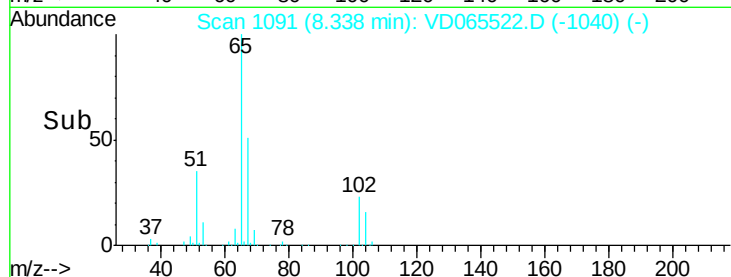
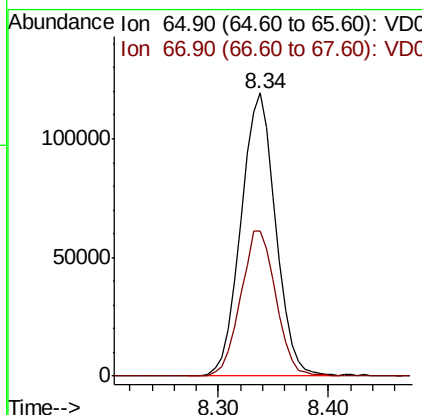
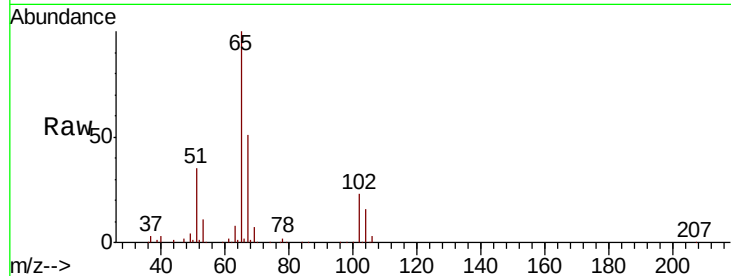




#33
 1,2-Dichloroethane-d4
 Concen: 57.753 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065522.D
 Acq: 24 Mar 2020 16:29

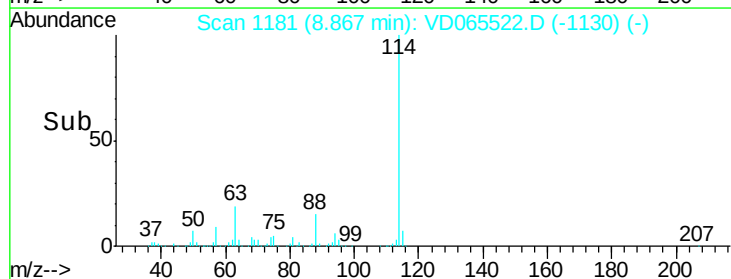
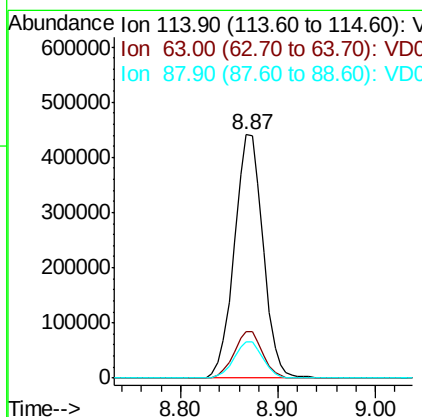
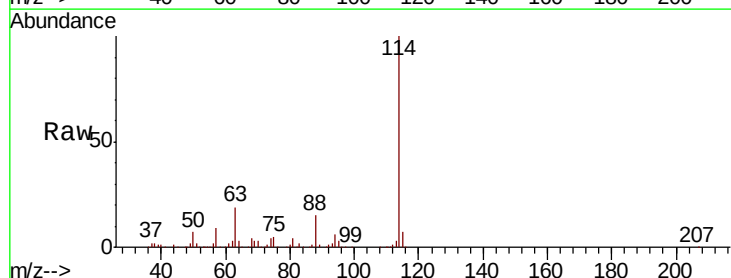
Instrument :
 MSVOA_D
 ClientSampleId :
 TRACKS-66-67

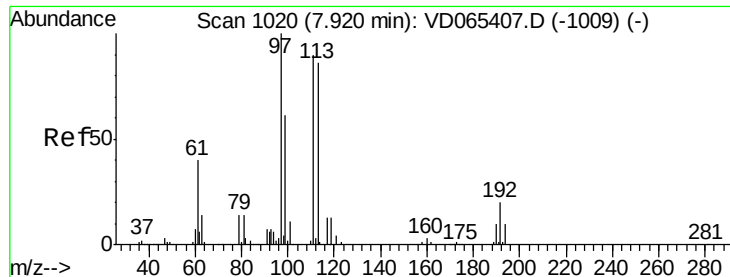
Tot Ion: 65 Resp: 262900
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065522.D
 Acq: 24 Mar 2020 16:29

Tgt Ion: 114 Resp: 899787
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.6
 88 14.8 0.0 30.4

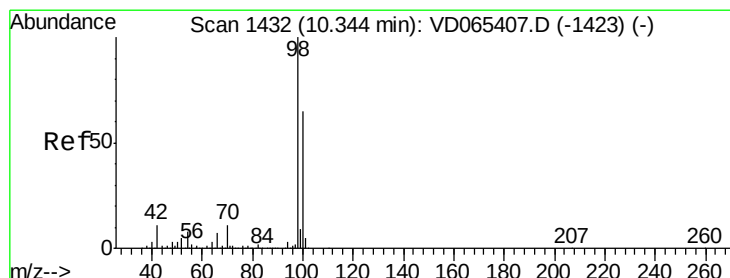
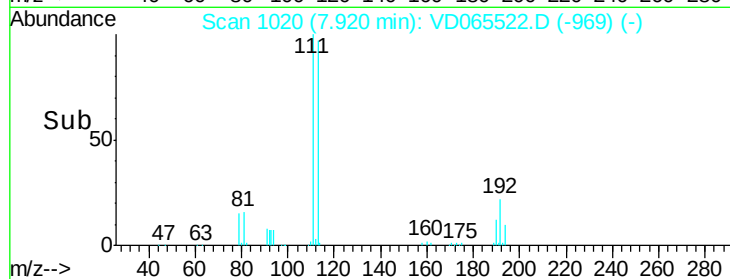
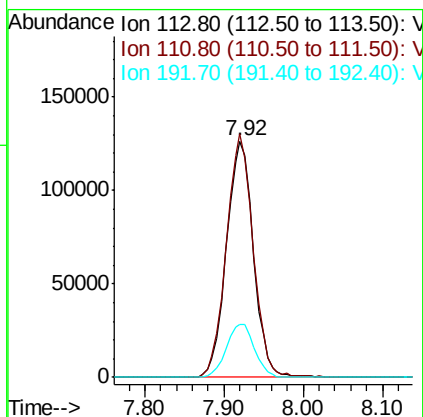
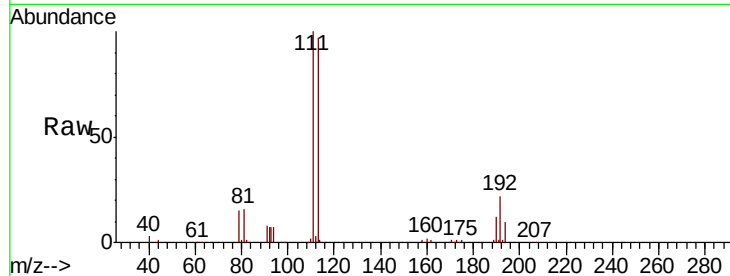




#35
Dibromofluoromethane
Concen: 53.435 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD065522.D
Acq: 24 Mar 2020 16:29

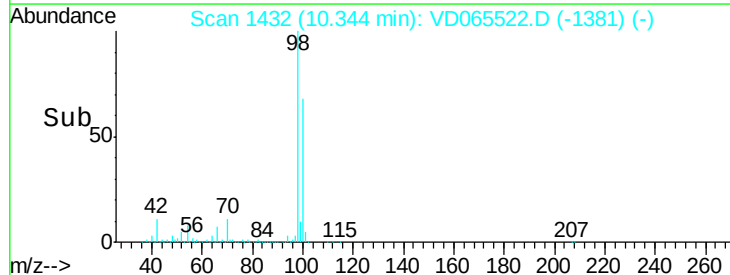
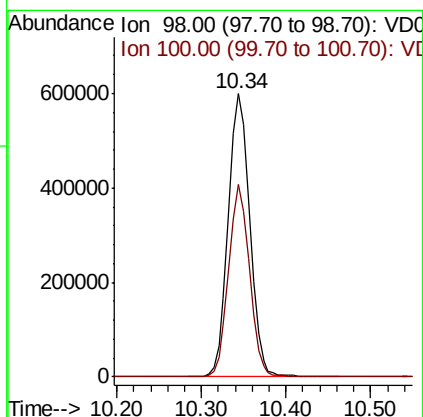
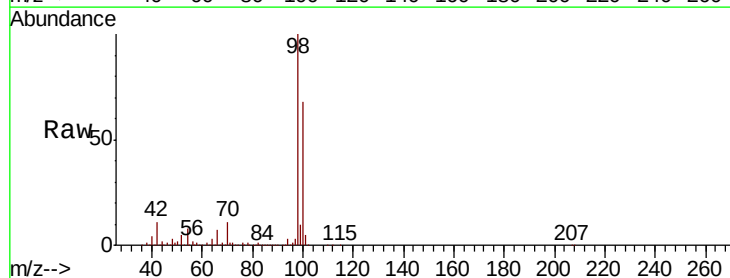
Instrument :
MSVOA_D
ClientSampleId :
TRACKS-66-67

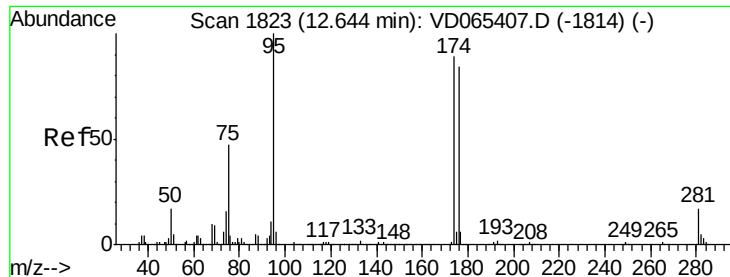
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.1	123.1
192	23.4	17.2	25.8



#50
Toluene-d8
Concen: 49.466 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065522.D
Acq: 24 Mar 2020 16:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.8	79.2





#62

4-Bromofluorobenzene

Concen: 50.147 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VD065522.D

Acq: 24 Mar 2020 16:29

Instrument :

MSVOA_D

ClientSampleId :

TRACKS-66-67

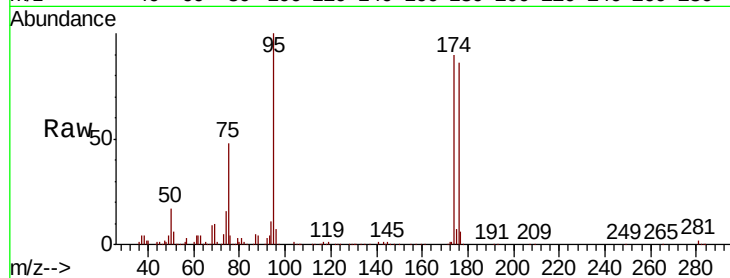
Tot Ion: 95 Resp: 330466

Ion Ratio Lower Upper

95 100

174 92.6 0.0 176.8

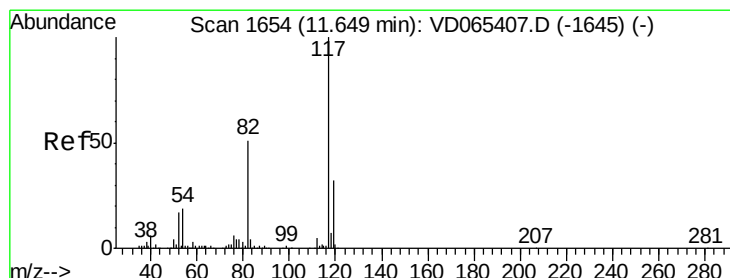
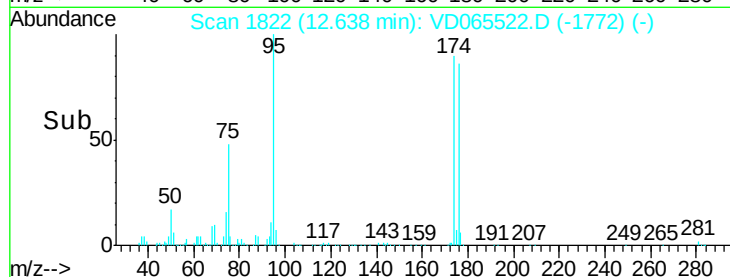
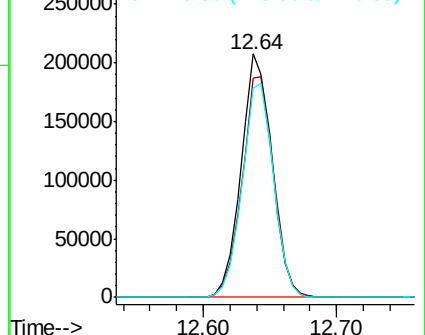
176 89.2 0.0 171.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD065522.D

Acq: 24 Mar 2020 16:29

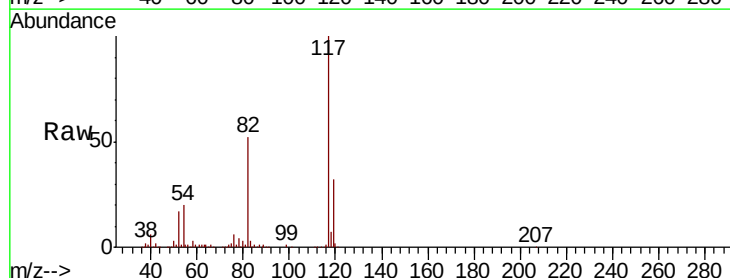
Tgt Ion: 117 Resp: 830820

Ion Ratio Lower Upper

117 100

82 52.1 40.6 60.8

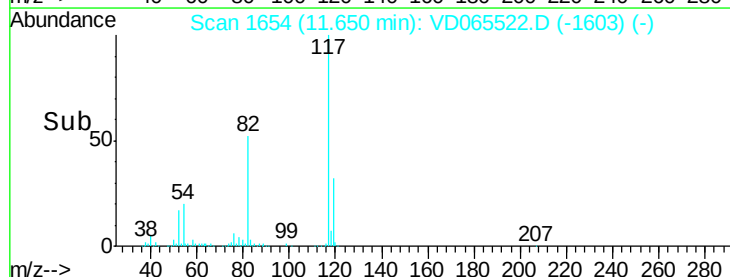
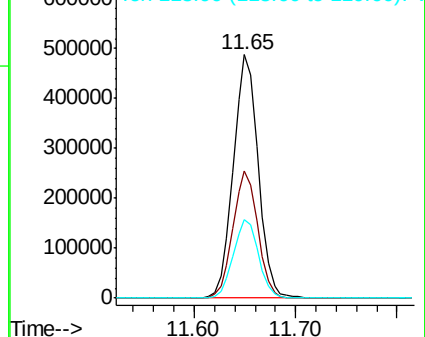
119 32.2 25.4 38.2

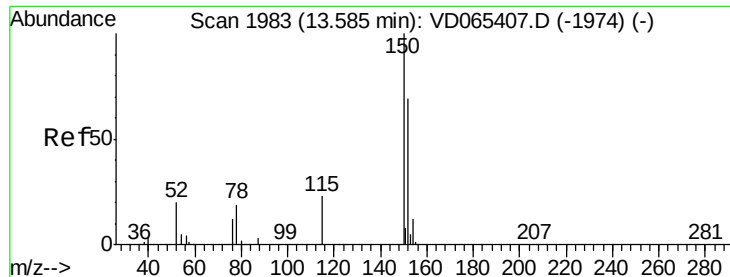


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



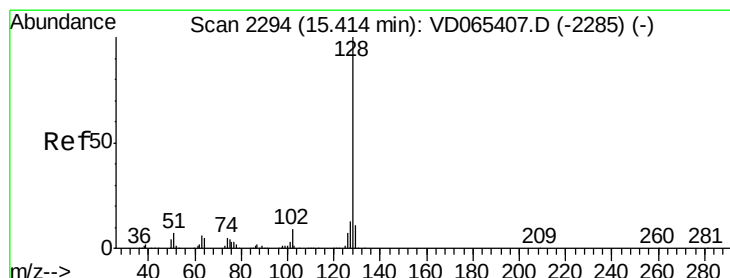
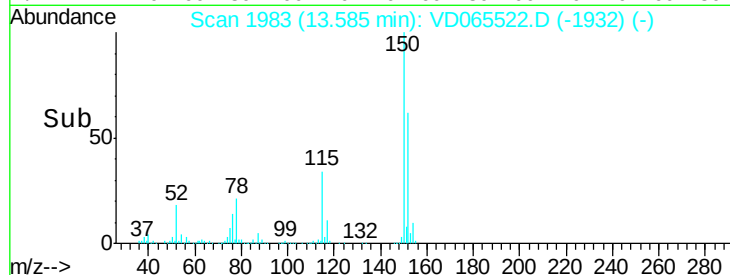
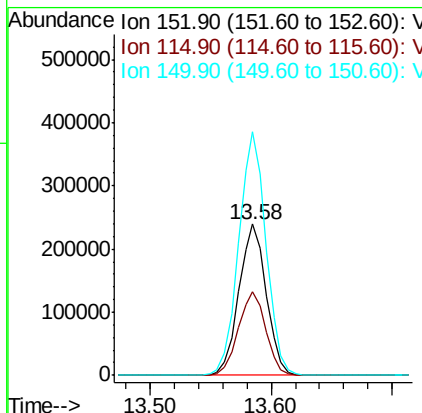
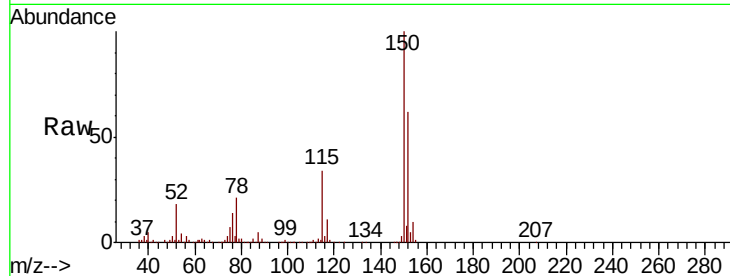


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065522.D
Acq: 24 Mar 2020 16:29

Instrument :
MSVOA_D
ClientSampleId :
TRACKS-66-67

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.1	27.6	82.8
150	159.4	0.0	345.0



#95

Naphthalene
Concen: 4.732 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD065522.D
Acq: 24 Mar 2020 16:29

Tgt Ion	Ratio	Lower	Upper
128	100		
127	18.1	10.6	16.0#
129	12.1	8.7	13.1

