

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD011320\
 Data File : VD064851.D
 Acq On : 13 Jan 2020 16:03
 Operator : VA/SY
 Sample : L1098-07
 Misc : 6.50G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-7_13.5-14.0

Quant Time: Jan 14 11:34:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

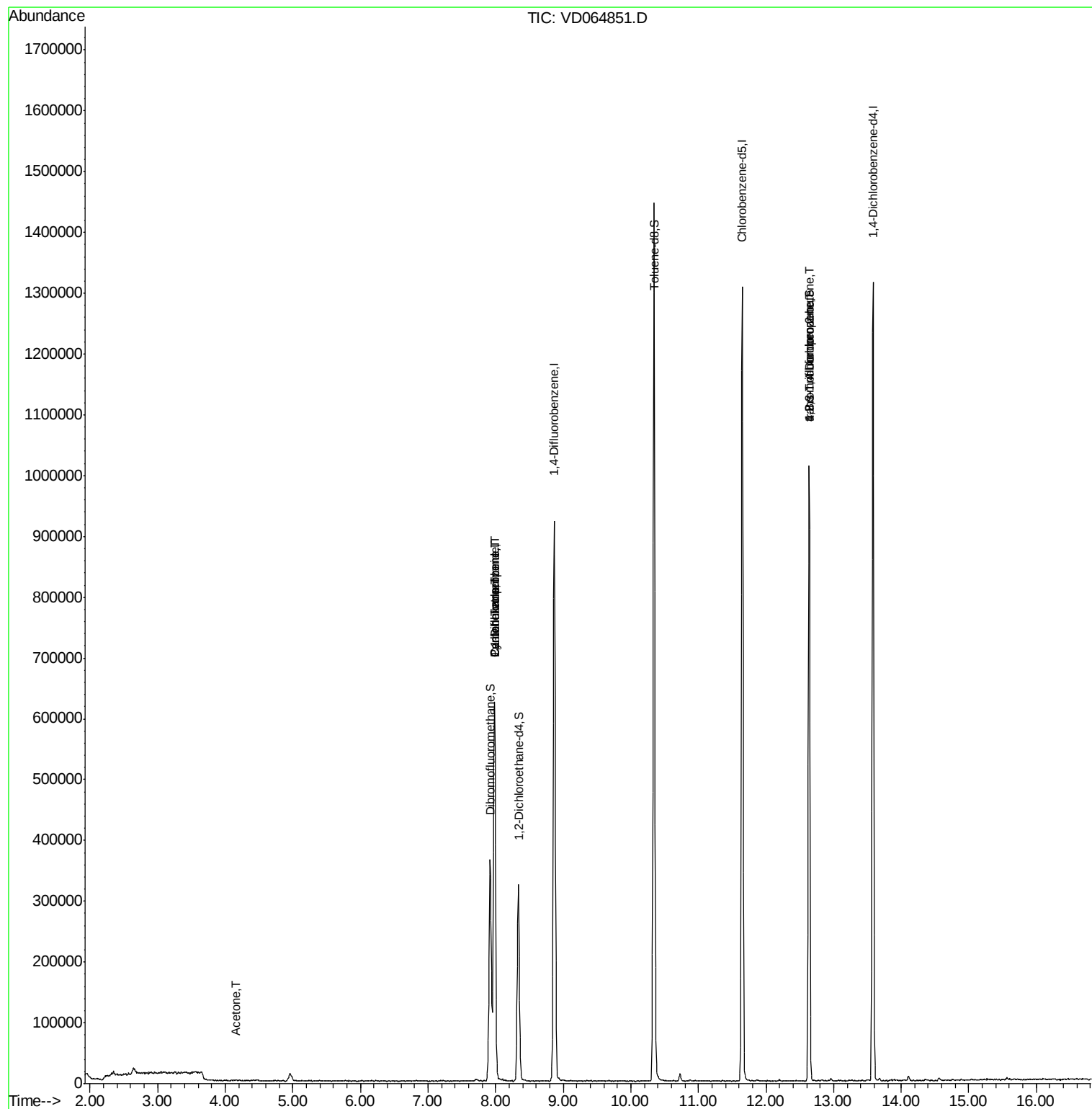
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	480920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	778102	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	728562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	343122	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	257255	60.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.32%	
35) Dibromofluoromethane	7.92	113	248837	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
50) Toluene-d8	10.34	98	942396	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
62) 4-Bromofluorobenzene	12.64	95	300721	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
Target Compounds						
16) Acetone	4.16	43	641	4.825	ug/l	97
20) Methylene Chloride	4.95	84	8852	Below Cal	#	84
31) Cyclohexane	7.98	56	10379	1.313	ug/l #	30
36) 1,1-Dichloropropene	7.98	75	35985	4.805	ug/l #	49
38) Carbon Tetrachloride	7.98	117	46435	5.815	ug/l #	17
76) 1,2,3-Trichloropropane	12.64	75	159534	58.879	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	159534	123.144	ug/l #	10

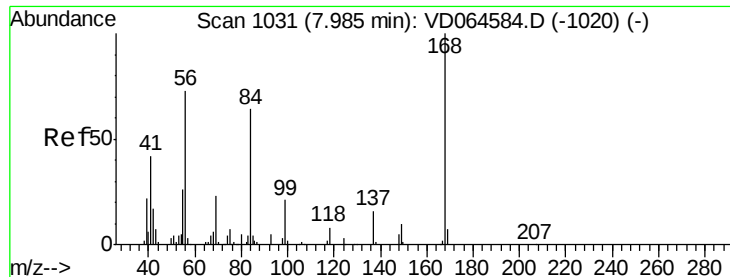
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD011320\
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SB-7_13.5-14.0

Quant Time: Jan 14 11:34:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064851.D

Acq: 13 Jan 2020 16:03

Instrument :

MSVOA_D

ClientSampleId :

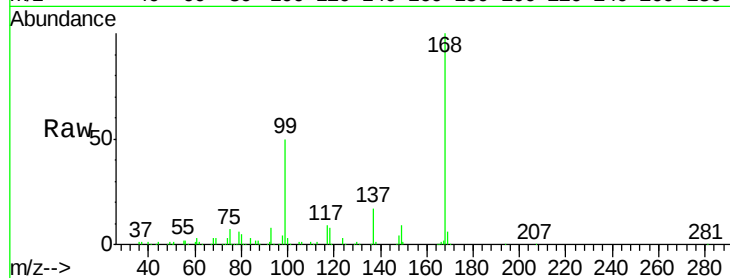
SB-7_13.5-14.0

Tgt Ion:168 Resp: 480920

Ion Ratio Lower Upper

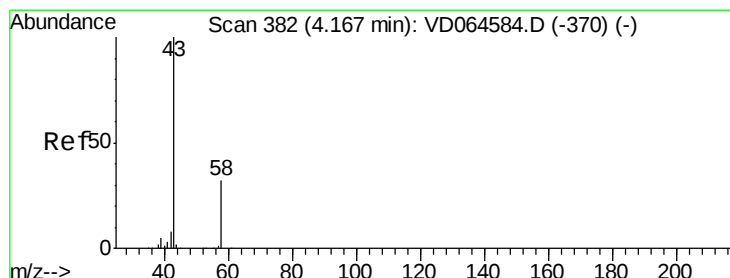
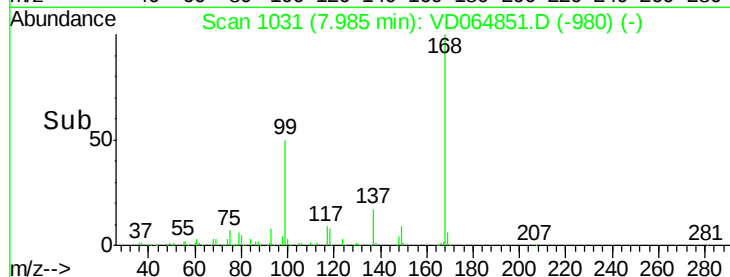
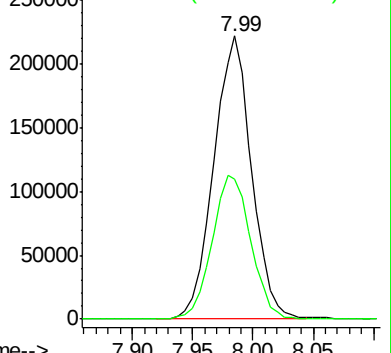
168 100

99 49.6 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 4.825 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD064851.D

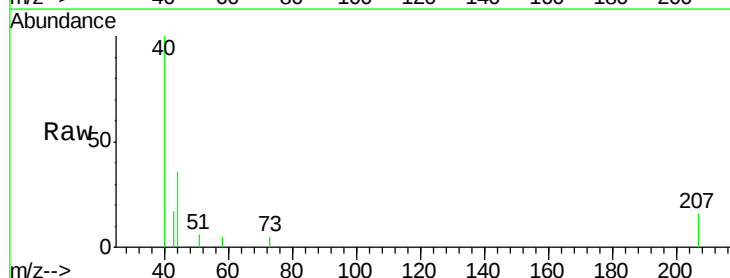
Acq: 13 Jan 2020 16:03

Tgt Ion: 43 Resp: 641

Ion Ratio Lower Upper

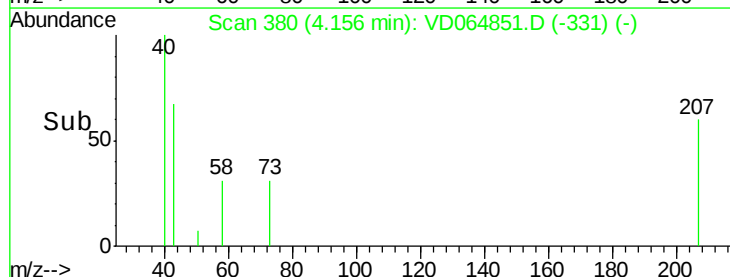
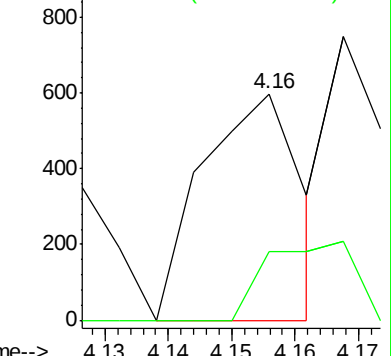
43 100

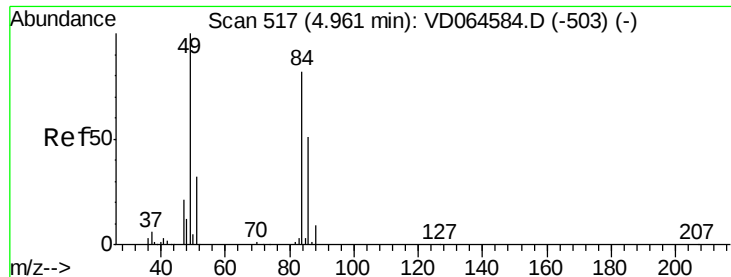
58 30.5 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

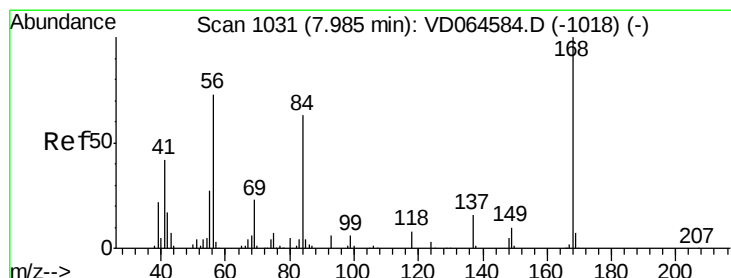
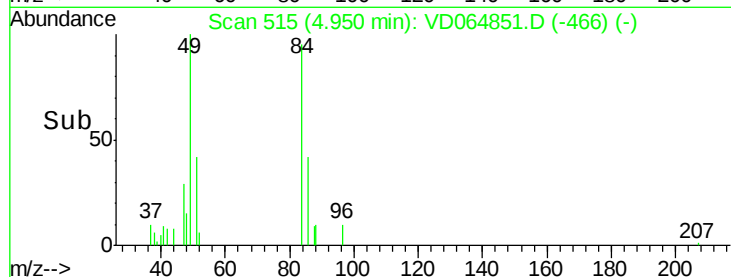
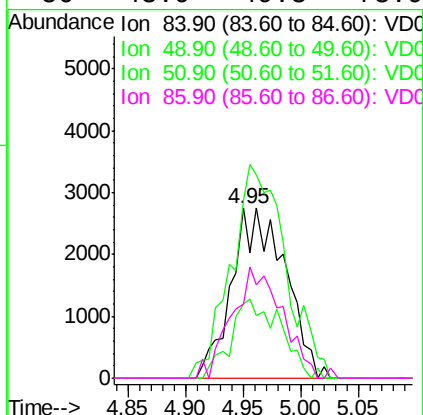
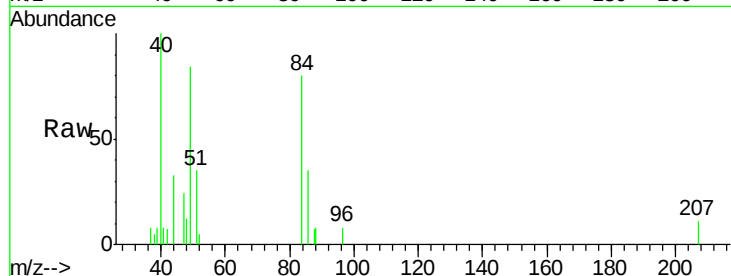




#20
Methylene Chloride
Concen: Below Cal
RT: 4.95 min Scan# 515
Delta R.T. -0.01 min
Lab File: VD064851.D
Acq: 13 Jan 2020 16:03

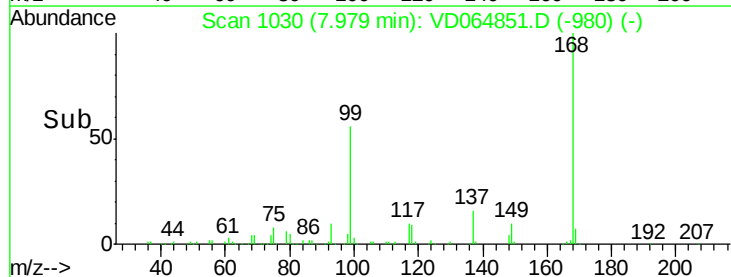
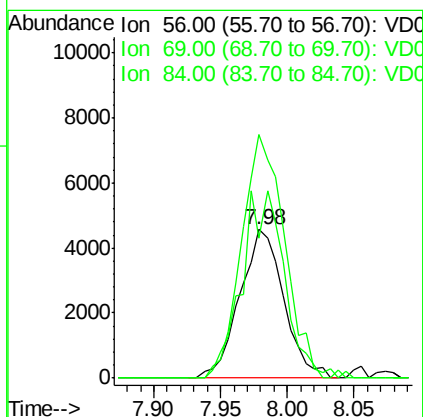
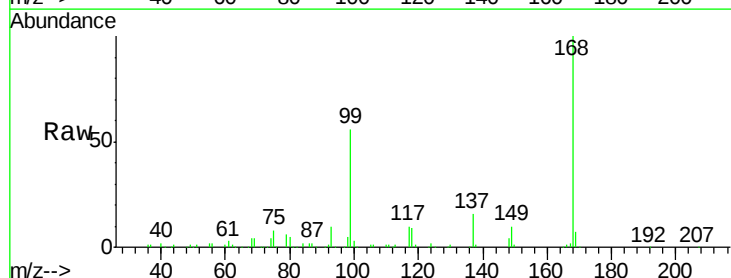
Instrument :
MSVOA_D
ClientSampleId :
SB-7_13.5-14.0

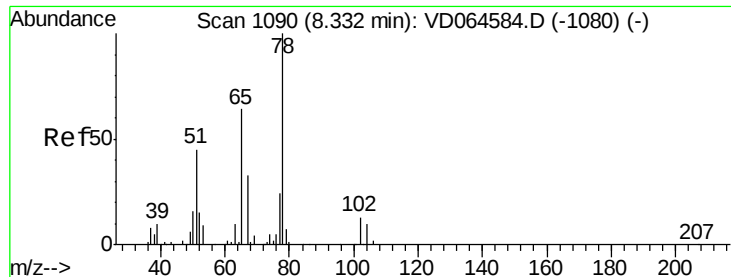
Tgt Ion: 84 Resp: 8852
Ion Ratio Lower Upper
84 100
49 104.7 97.2 145.8
51 43.5 31.4 47.0
86 43.9 49.3 73.9#



#31
Cyclohexane
Concen: 1.313 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064851.D
Acq: 13 Jan 2020 16:03

Tgt Ion: 56 Resp: 10379
Ion Ratio Lower Upper
56 100
69 163.8 24.7 37.1#
84 94.3 69.4 104.2





#33

1,2-Dichloroethane-d4

Concen: 60.663 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064851.D

Acq: 13 Jan 2020 16:03

Instrument :

MSVOA_D

ClientSampleId :

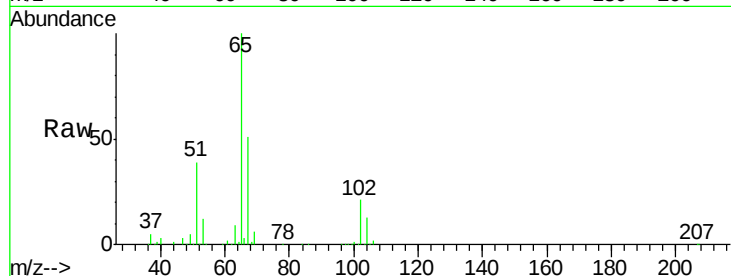
SB-7_13.5-14.0

Tgt Ion: 65 Resp: 257255

Ion Ratio Lower Upper

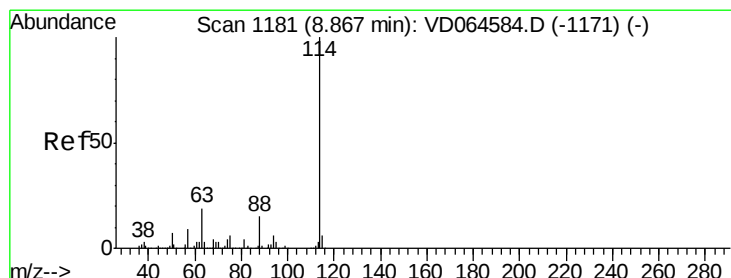
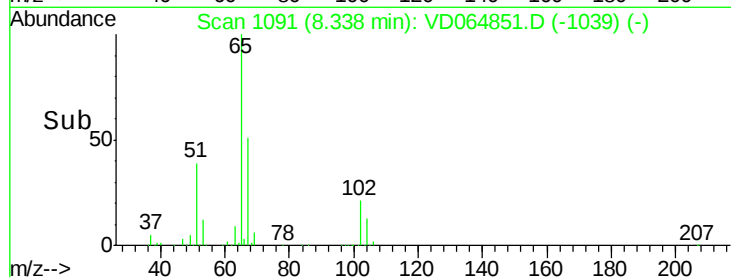
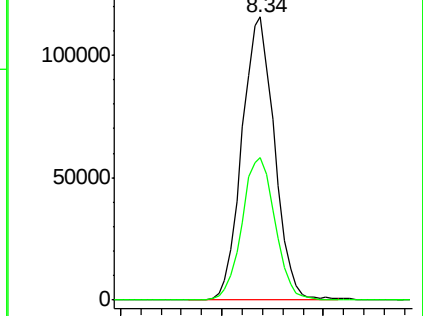
65 100

67 51.4 0.0 106.2



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: VD064851.D

Acq: 13 Jan 2020 16:03

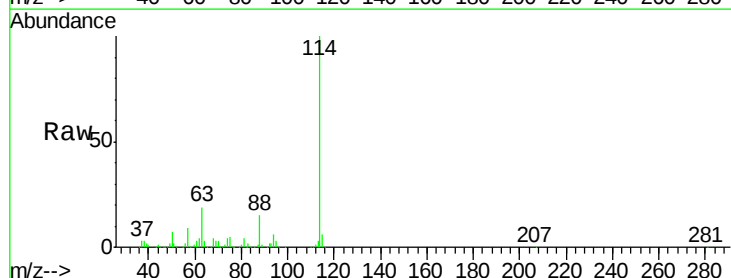
Tgt Ion: 114 Resp: 778102

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.0

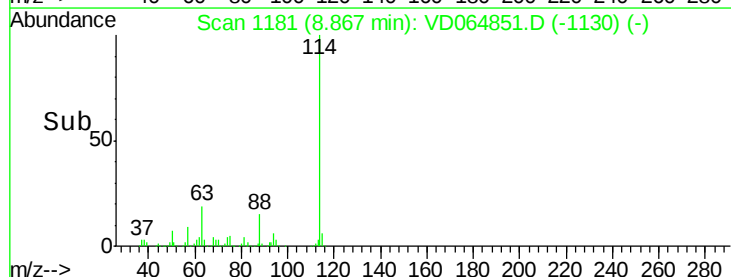
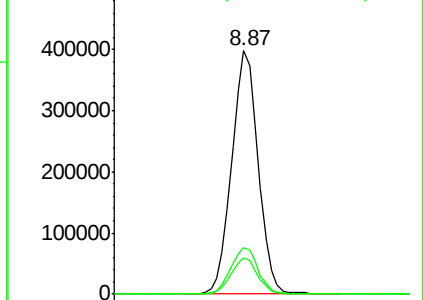
88 15.1 0.0 29.2

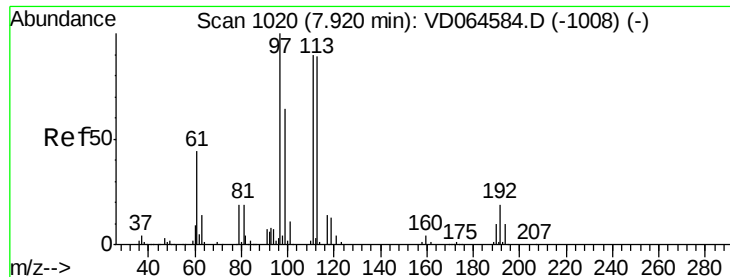


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 52.126 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064851.D

Acq: 13 Jan 2020 16:03

Instrument :

MSVOA_D

ClientSampleId :

SB-7_13.5-14.0

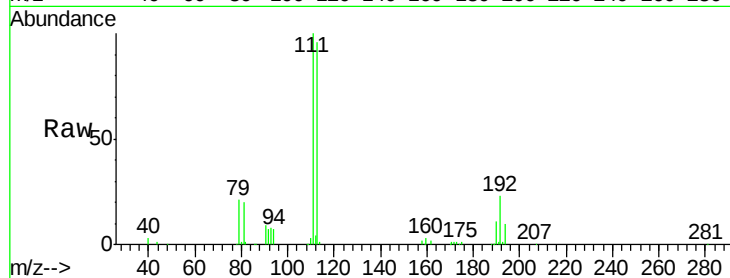
Tgt Ion:113 Resp: 248837

Ion Ratio Lower Upper

113 100

111 101.5 80.6 121.0

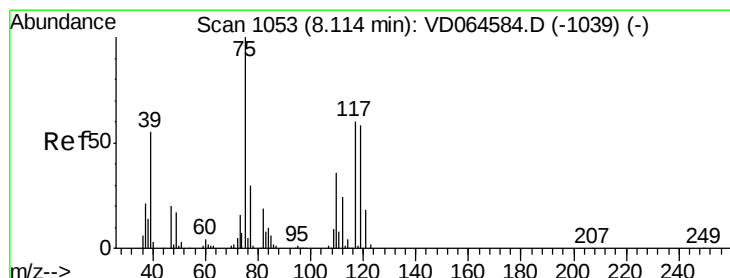
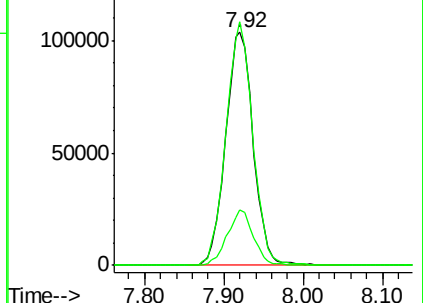
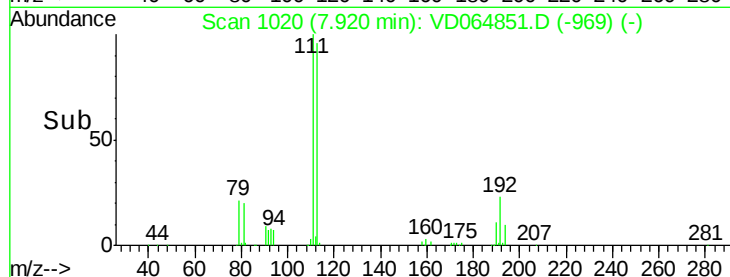
192 22.4 17.9 26.9



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



#36

1,1-Dichloropropene

Concen: 4.805 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.13 min

Lab File: VD064851.D

Acq: 13 Jan 2020 16:03

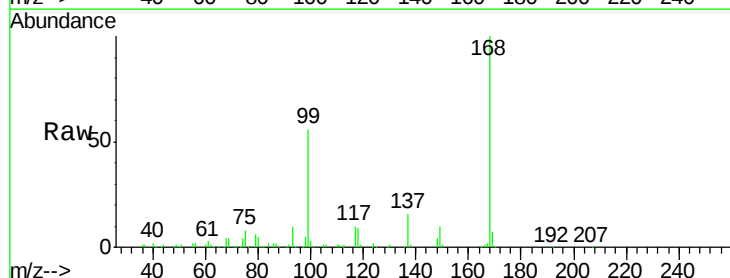
Tgt Ion: 75 Resp: 35985

Ion Ratio Lower Upper

75 100

110 8.1 18.1 54.1#

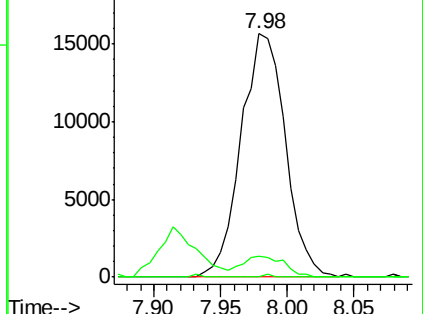
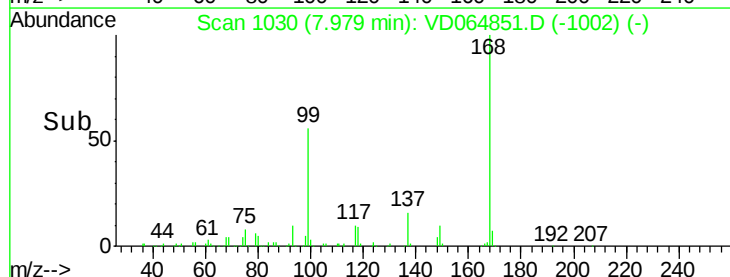
77 0.2 24.2 36.4#

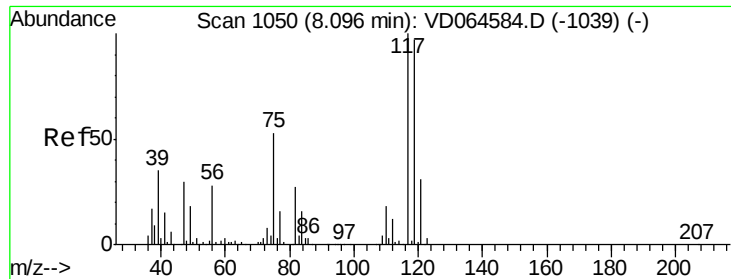


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VDC





#38

Carbon Tetrachloride

Concen: 5.815 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD064851.D

Acq: 13 Jan 2020 16:03

Instrument :

MSVOA_D

ClientSampleId :

SB-7_13.5-14.0

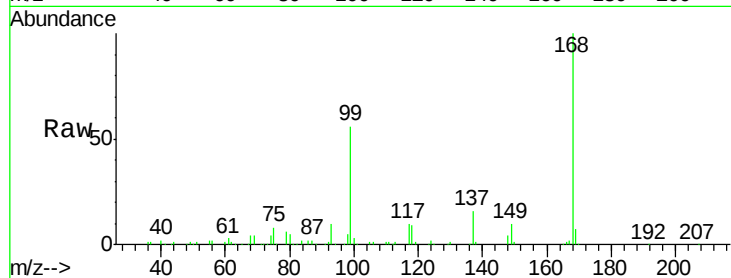
Tgt Ion:117 Resp: 46435

Ion Ratio Lower Upper

117 100

119 6.3 77.3 115.9#

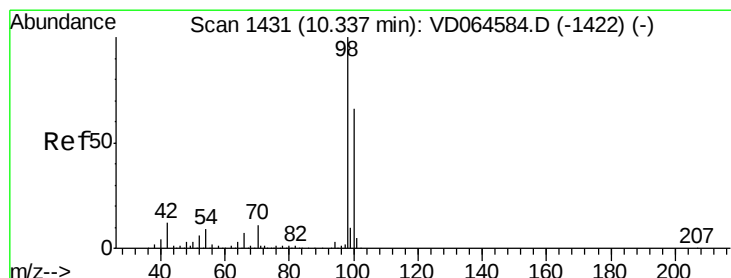
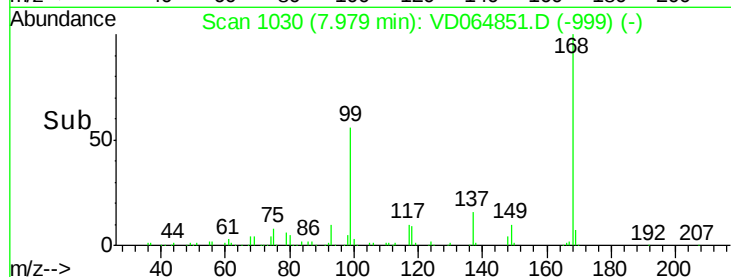
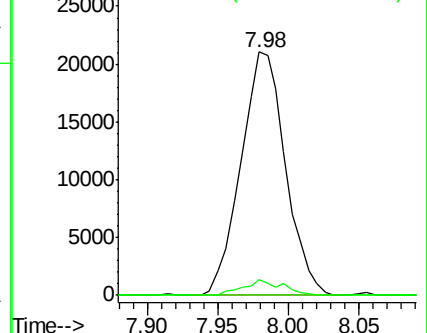
121 0.0 25.0 37.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 51.545 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064851.D

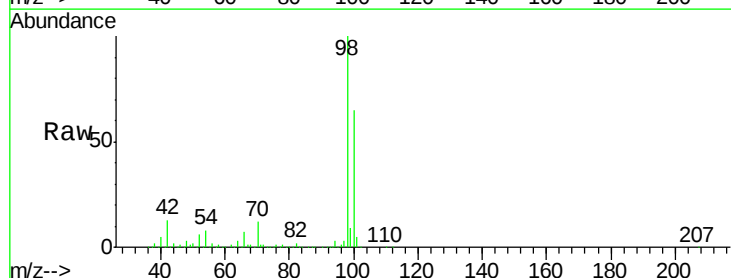
Acq: 13 Jan 2020 16:03

Tgt Ion: 98 Resp: 942396

Ion Ratio Lower Upper

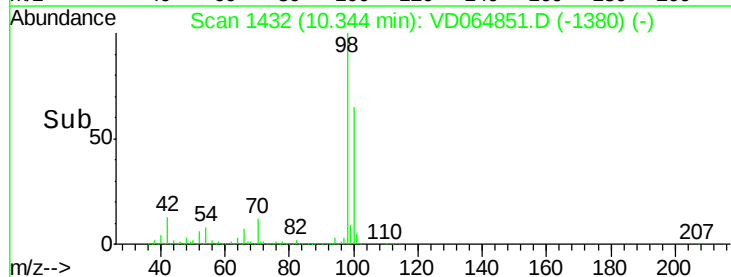
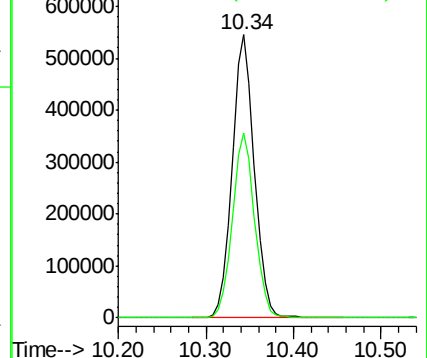
98 100

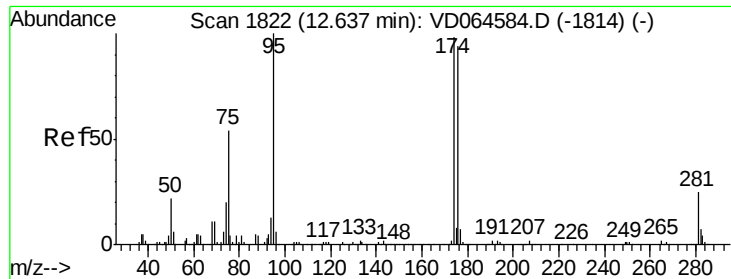
100 65.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

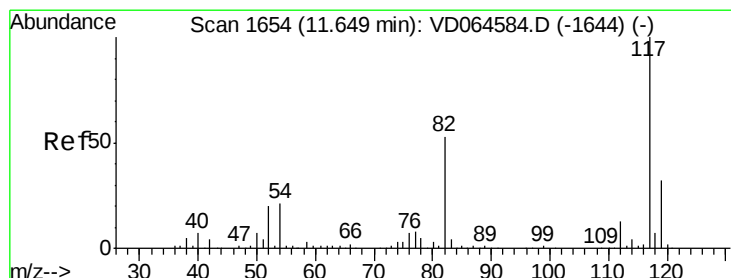
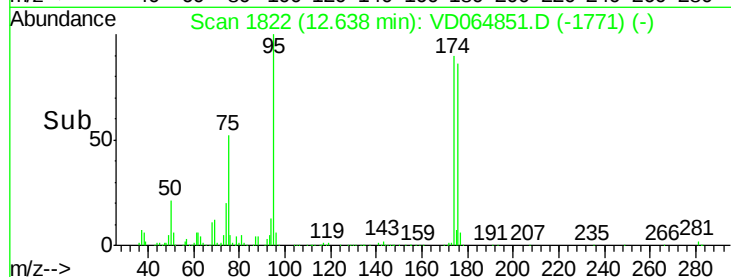
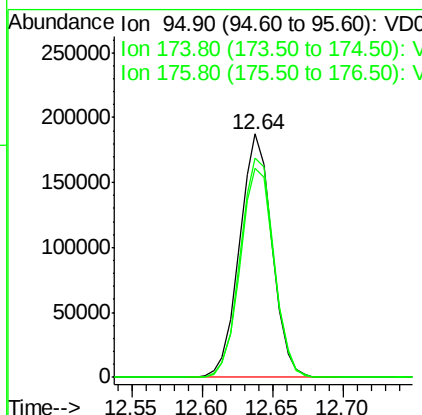
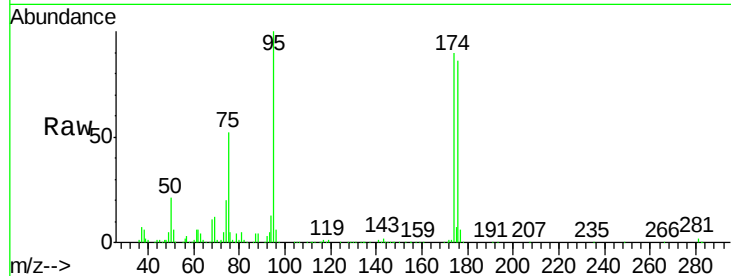




#62
4-Bromofluorobenzene
Concen: 52.016 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064851.D
Acq: 13 Jan 2020 16:03

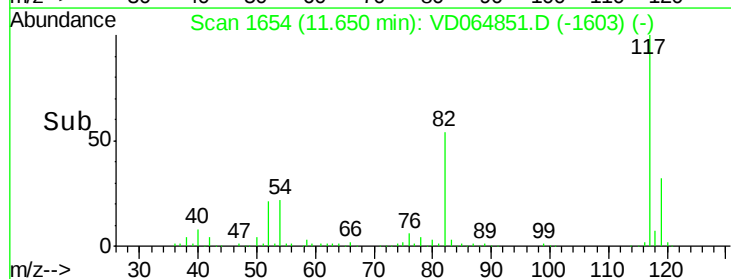
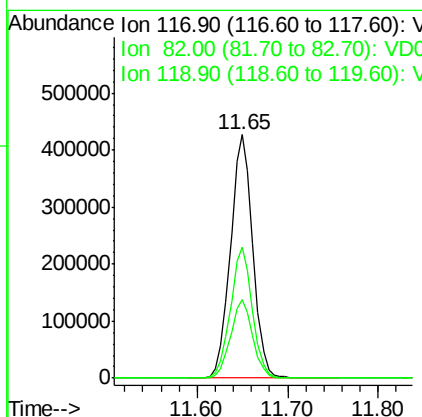
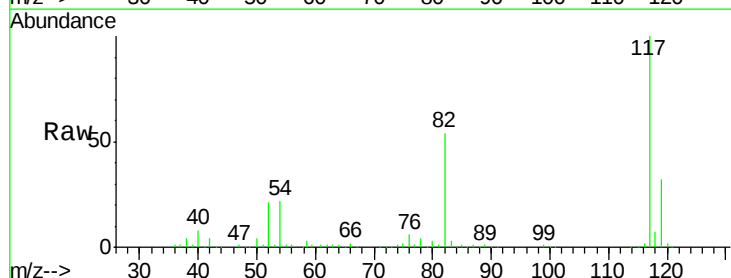
Instrument :
MSVOA_D
ClientSampleId :
SB-7_13.5-14.0

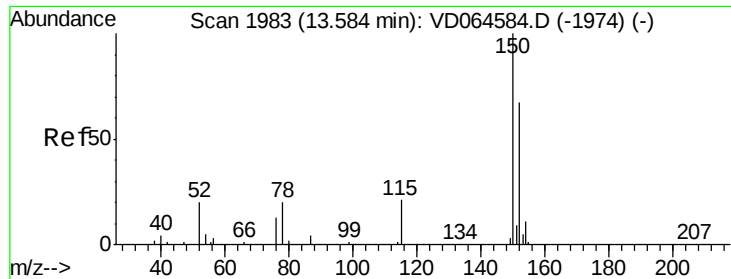
Tgt Ion: 95 Resp: 300721
Ion Ratio Lower Upper
95 100
174 93.6 0.0 193.2
176 89.4 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064851.D
Acq: 13 Jan 2020 16:03

Tgt Ion: 117 Resp: 728562
Ion Ratio Lower Upper
117 100
82 53.6 42.2 63.4
119 32.2 26.0 39.0



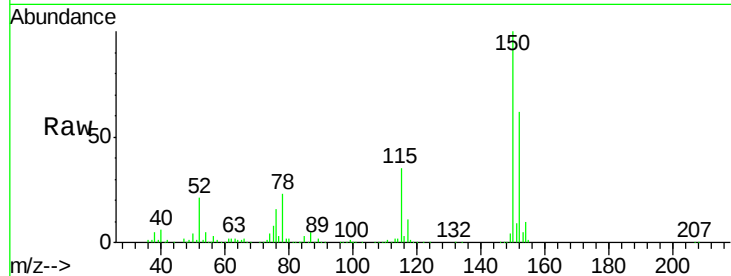


#72

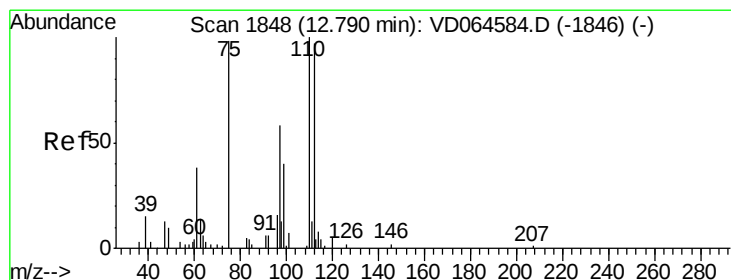
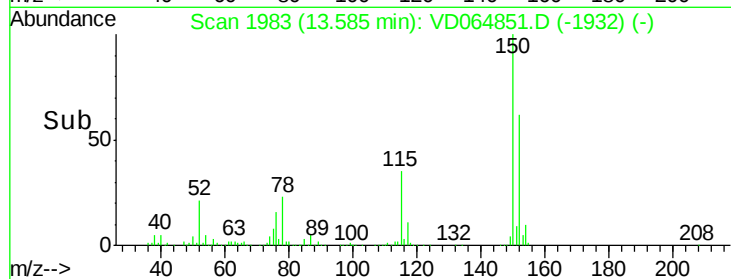
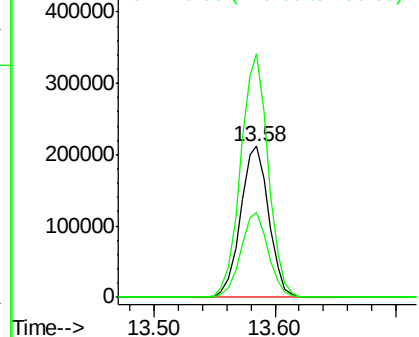
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064851.D
Acq: 13 Jan 2020 16:03

Instrument :
MSVOA_D
ClientSampleId :
SB-7_13.5-14.0

Tgt Ion:152 Resp: 343122
Ion Ratio Lower Upper
152 100
115 55.2 27.8 83.4
150 157.8 0.0 351.4



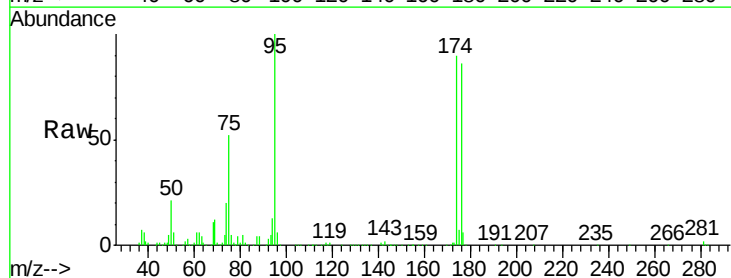
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



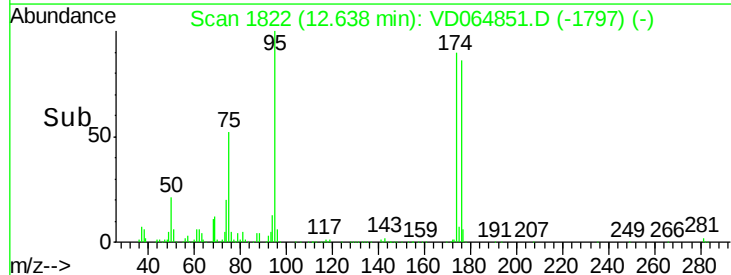
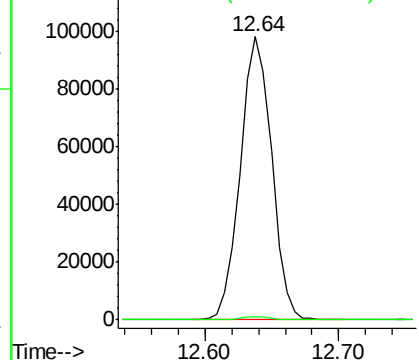
#76

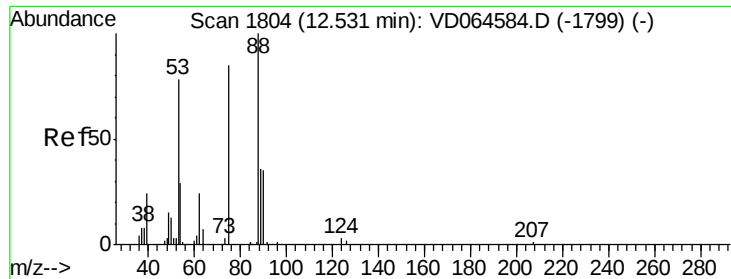
1,2,3-Trichloropropane
Concen: 58.879 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD064851.D
Acq: 13 Jan 2020 16:03

Tgt Ion: 75 Resp: 159534
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#81

trans-1,4-Dichloro-2-butene

Concen: 123.144 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064851.D

Acq: 13 Jan 2020 16:03

Instrument :

MSVOA_D

ClientSampleId :

SB-7_13.5-14.0

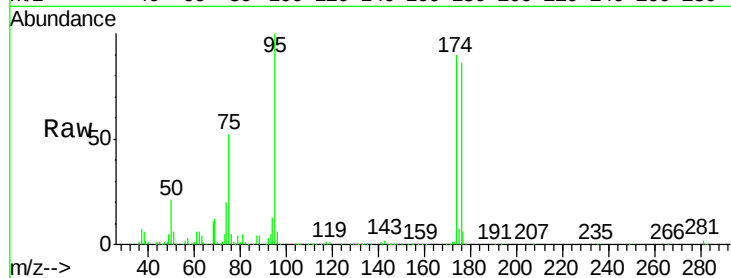
Tgt Ion: 75 Resp: 159534

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.0 38.3 57.5#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

