

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122719\
 Data File : VD064649.D
 Acq On : 27 Dec 2019 17:17
 Operator : VA/SY
 Sample : K6431-14RE
 Misc : 4.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-DUPLICATE

Quant Time: Dec 30 01:00:17 2019
 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

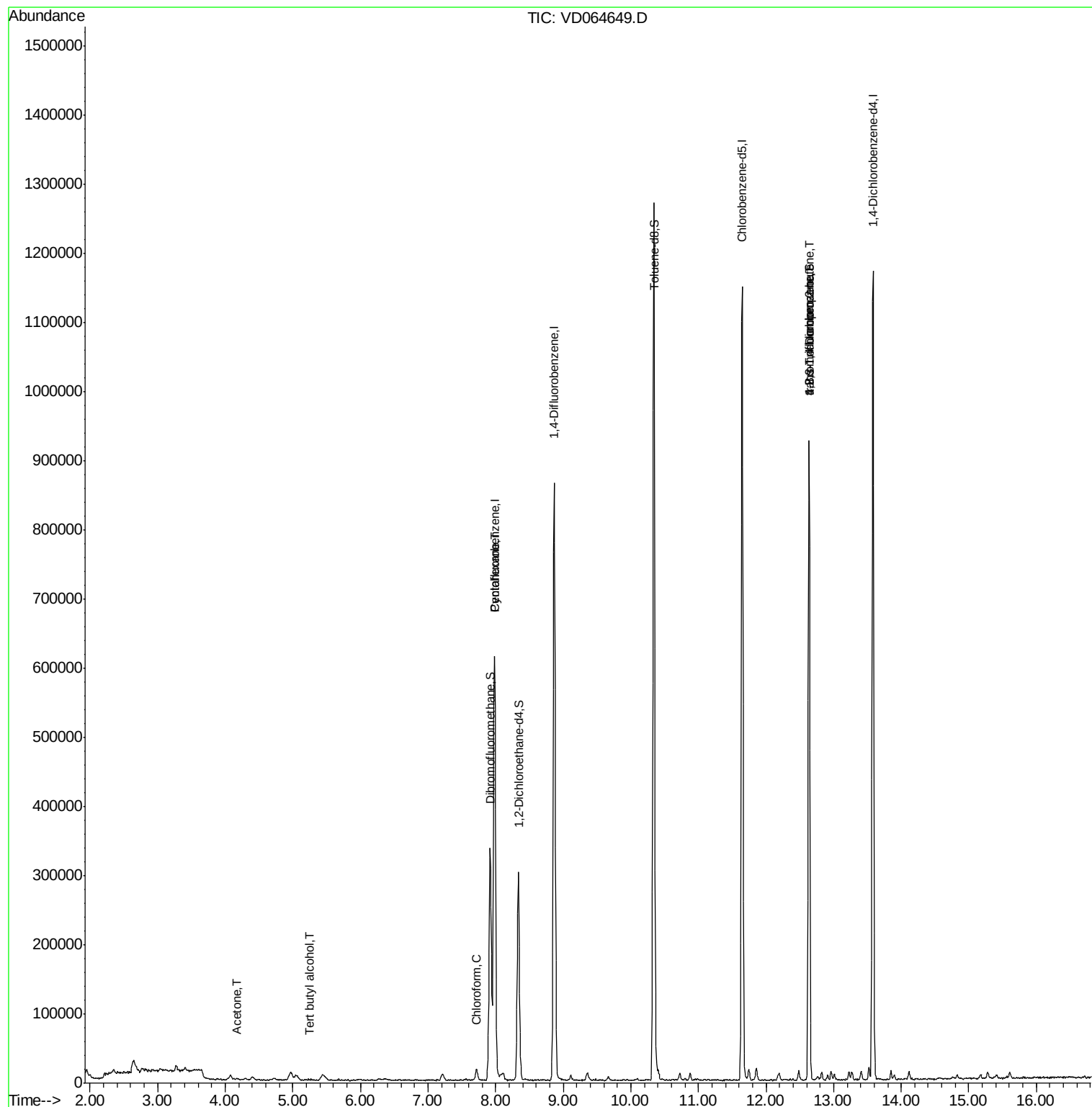
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	489121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	737260	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	652111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	310840	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	236065	54.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.46%	
35) Dibromofluoromethane	7.92	113	232706	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	
50) Toluene-d8	10.34	98	876962	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
62) 4-Bromofluorobenzene	12.64	95	273409	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.24	59	348	1.408	ug/l #	70
16) Acetone	4.18	43	1257	5.410	ug/l #	57
20) Methylene Chloride	4.96	84	9465	Below Cal		93
30) Chloroform	7.71	83	13618	1.616	ug/l	93
31) Cyclohexane	7.98	56	13409	1.667	ug/l #	32
76) 1,2,3-Trichloropropane	12.64	75	145202	59.155	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	145202	123.722	ug/l #	10

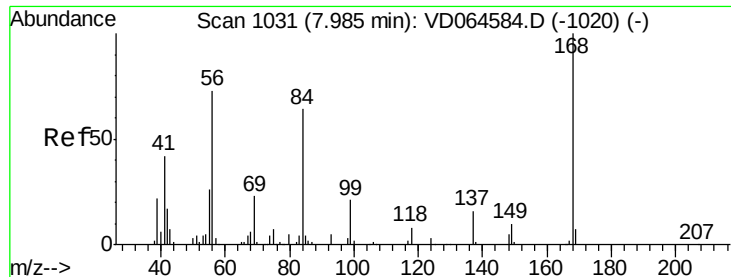
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064649.D

Acq: 27 Dec 2019 17:17

Instrument :

MSVOA_D

ClientSampleId :

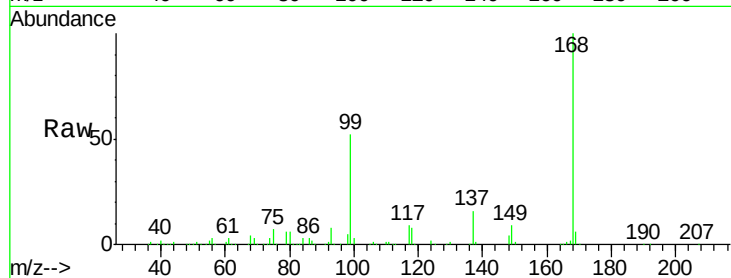
SOIL-DUPLICATE

Tgt Ion:168 Resp: 489121

Ion Ratio Lower Upper

168 100

99 51.8 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

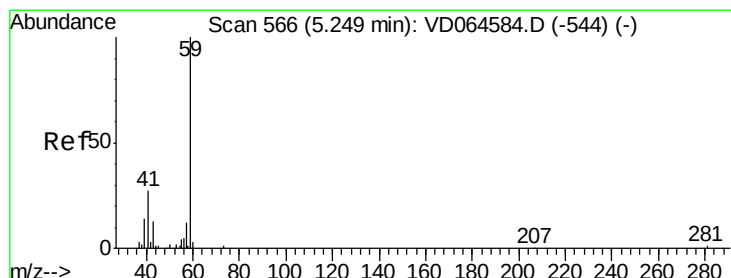
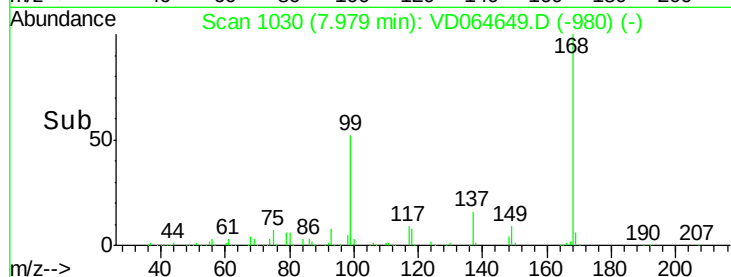
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.408 ug/l

RT: 5.24 min Scan# 565

Delta R.T. -0.01 min

Lab File: VD064649.D

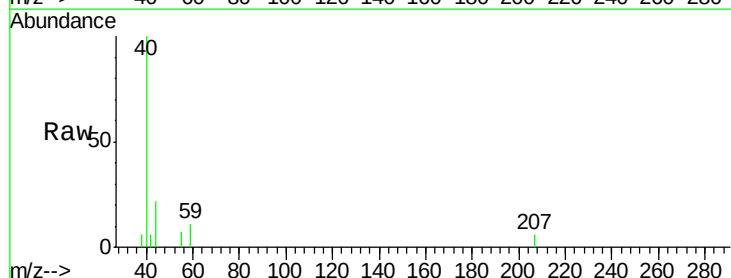
Acq: 27 Dec 2019 17:17

Tgt Ion: 59 Resp: 348

Ion Ratio Lower Upper

59 100

57 0.0 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.24

400

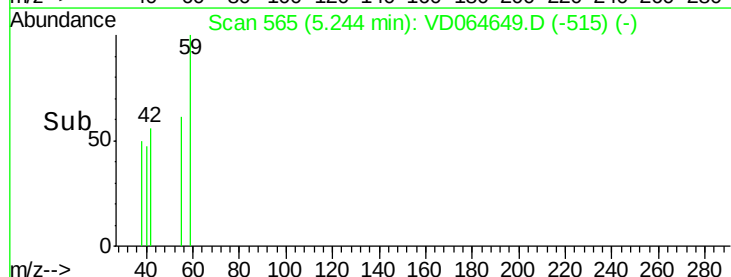
300

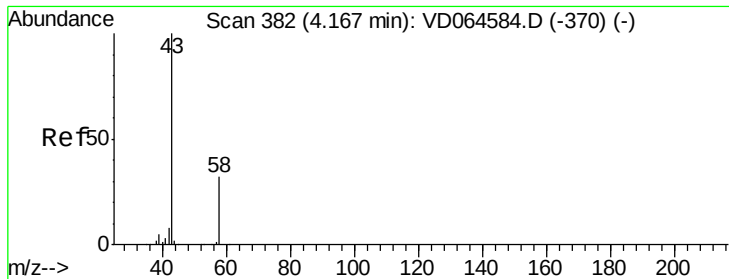
200

100

0

Time-->





#16

Acetone

Concen: 5.410 ug/l

RT: 4.18 min Scan# 384

Delta R.T. 0.01 min

Lab File: VD064649.D

Acq: 27 Dec 2019 17:17

Instrument :

MSVOA_D

ClientSampleId :

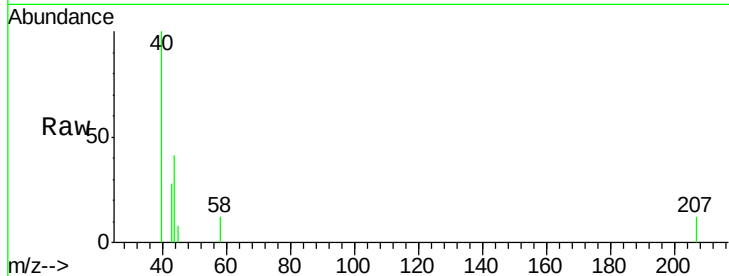
SOIL-DUPLICATE

Tgt Ion: 43 Resp: 1257

Ion Ratio Lower Upper

43 100

58 56.1 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.18

800

600

400

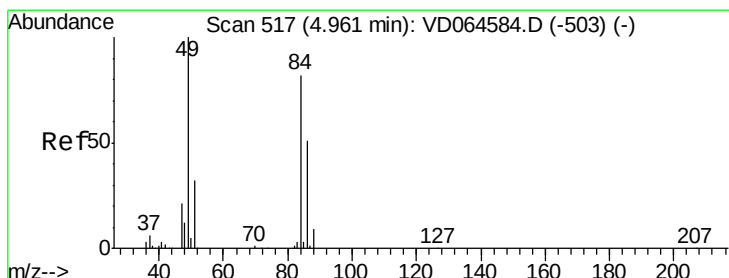
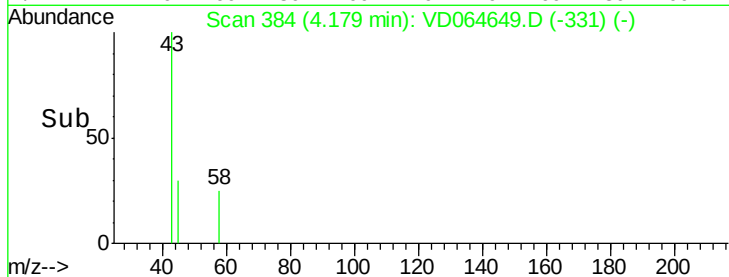
200

0

4.15

4.20

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 4.96 min Scan# 517

Delta R.T. 0.00 min

Lab File: VD064649.D

Acq: 27 Dec 2019 17:17

Tgt Ion: 84 Resp: 9465

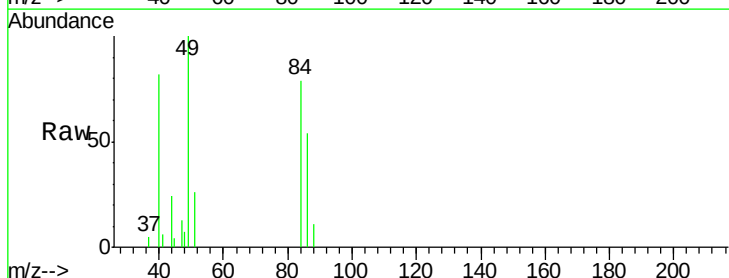
Ion Ratio Lower Upper

84 100

49 126.4 97.2 145.8

51 32.6 31.4 47.0

86 68.5 49.3 73.9



Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

4.96

3000

2000

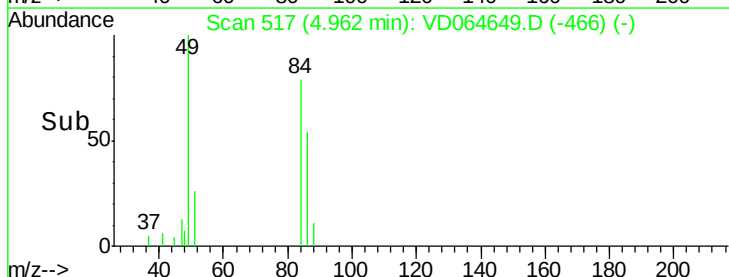
1000

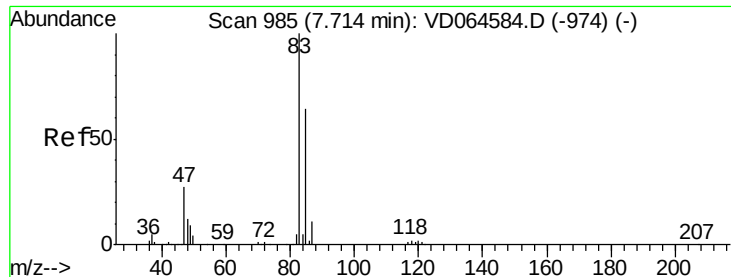
0

4.90

5.00

Time-->

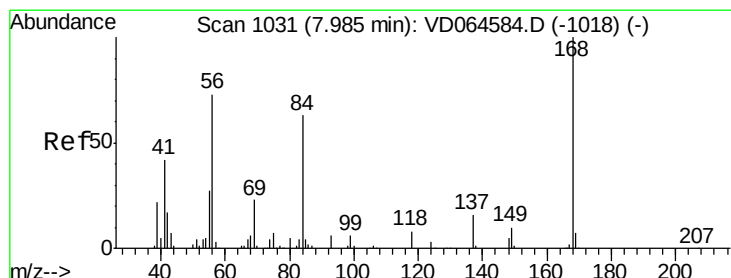
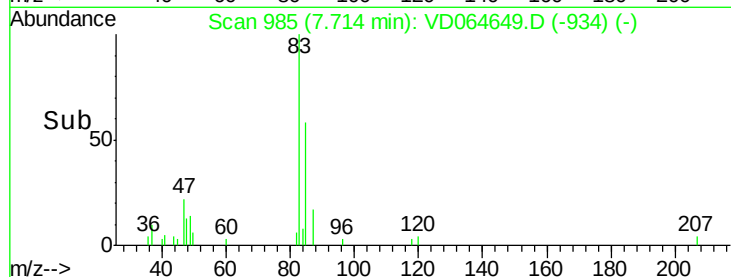
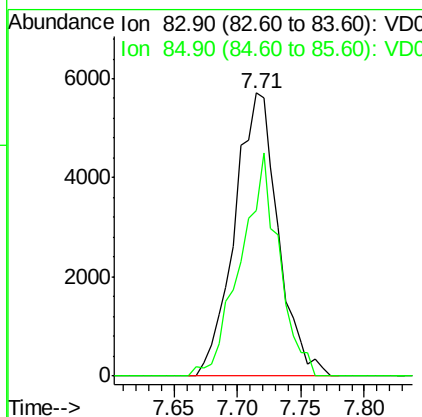
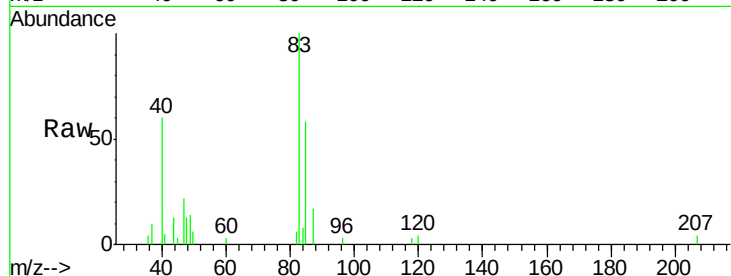




#30
Chloroform
Concen: 1.616 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064649.D
Acq: 27 Dec 2019 17:17

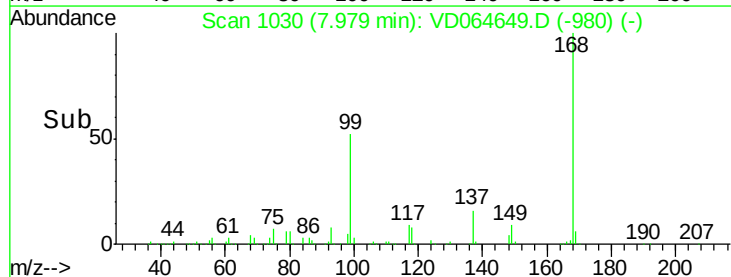
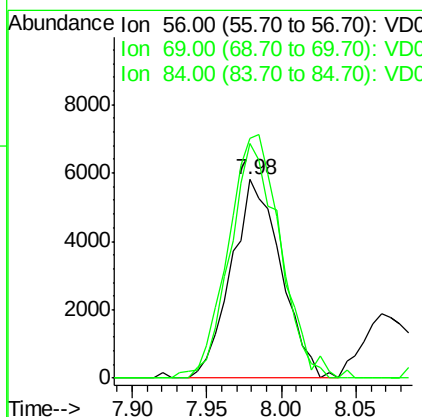
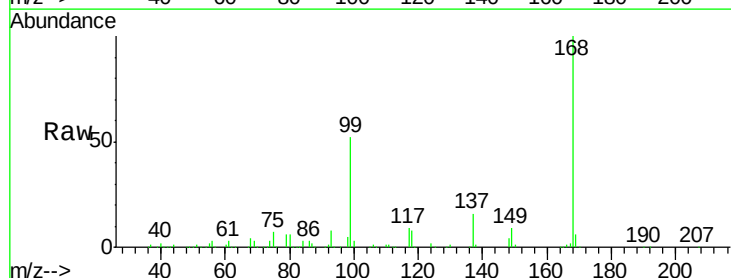
Instrument :
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SOIL-DUPLICATE

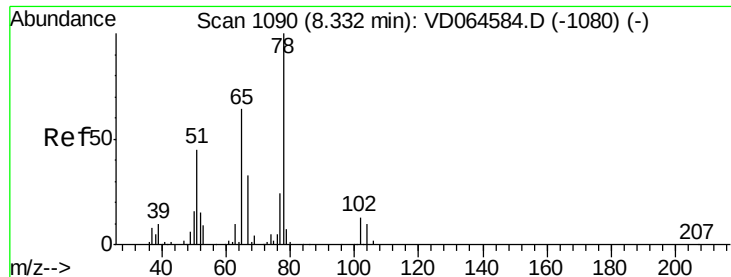
Tgt Ion: 83 Resp: 13618
Ion Ratio Lower Upper
83 100
85 58.5 51.1 76.7



#31
Cyclohexane
Concen: 1.667 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064649.D
Acq: 27 Dec 2019 17:17

Tgt Ion: 56 Resp: 13409
Ion Ratio Lower Upper
56 100
69 120.8 24.7 37.1#
84 118.4 69.4 104.2#

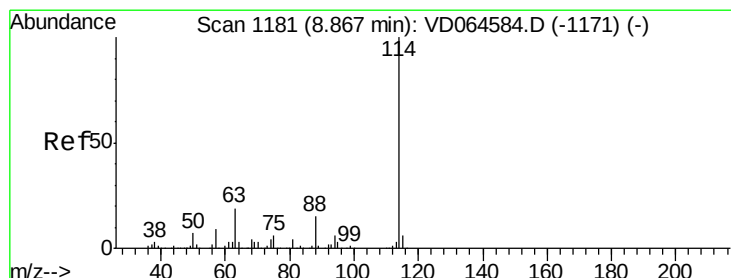
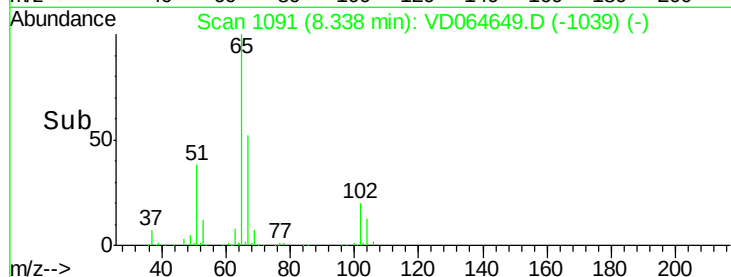
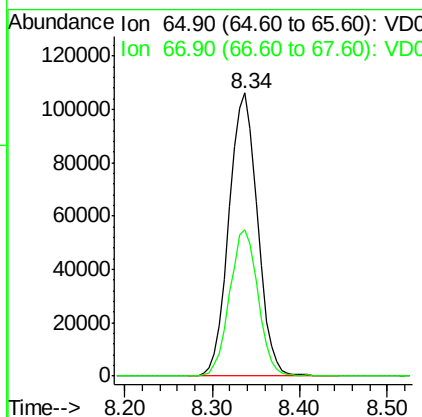
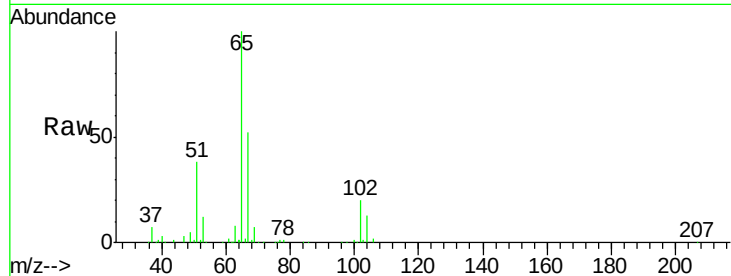




#33
 1,2-Dichloroethane-d4
 Concen: 54.733 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064649.D
 Acq: 27 Dec 2019 17:17

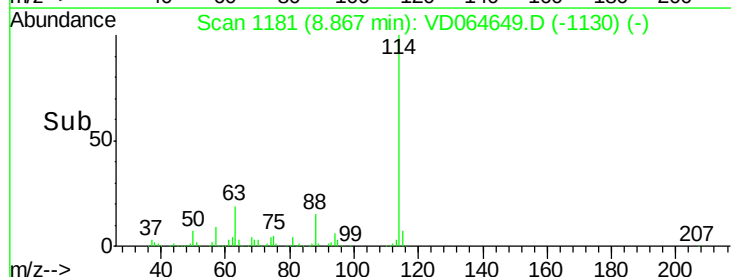
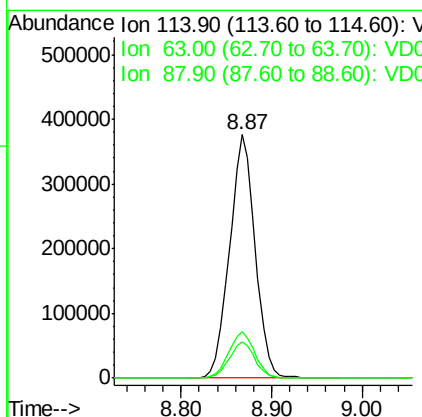
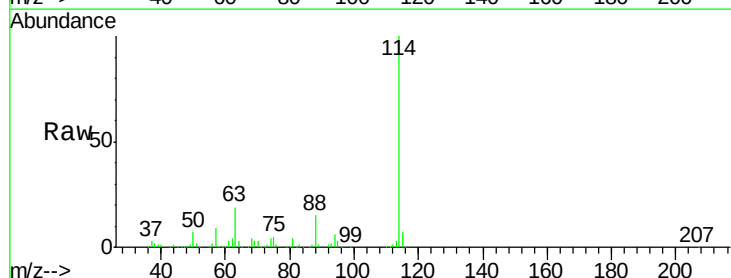
Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-DUPLICATE

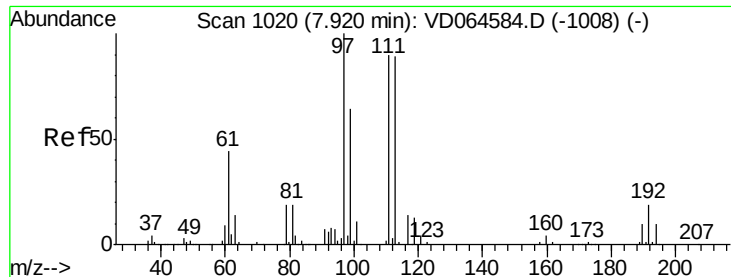
Tgt Ion: 65 Resp: 236065
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064649.D
 Acq: 27 Dec 2019 17:17

Tgt Ion: 114 Resp: 737260
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.0
 88 14.7 0.0 29.2

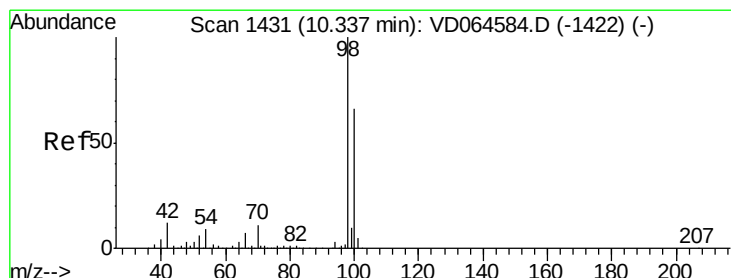
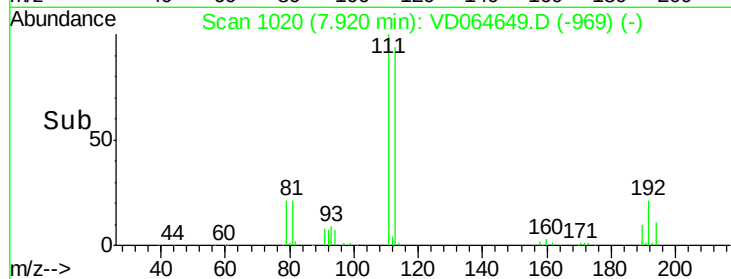
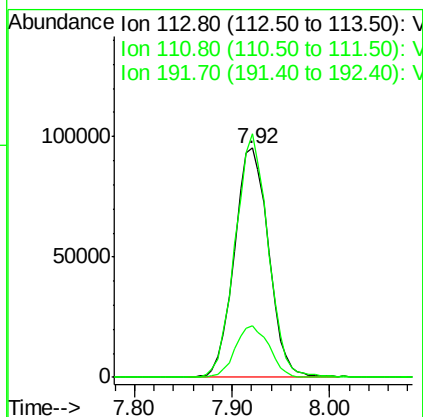
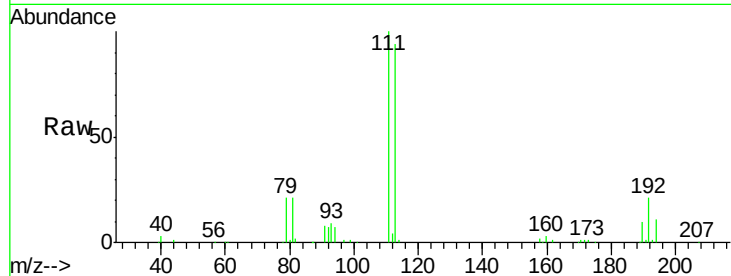




#35
 Dibromofluoromethane
 Concen: 51.447 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064649.D
 Acq: 27 Dec 2019 17:17

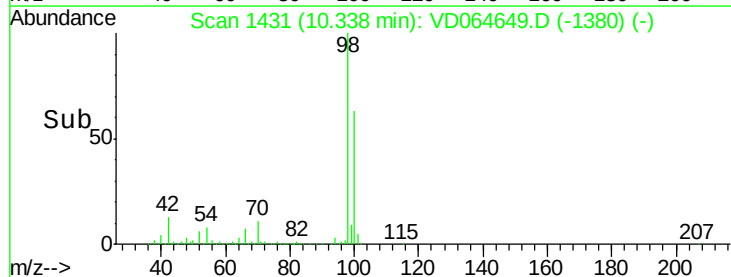
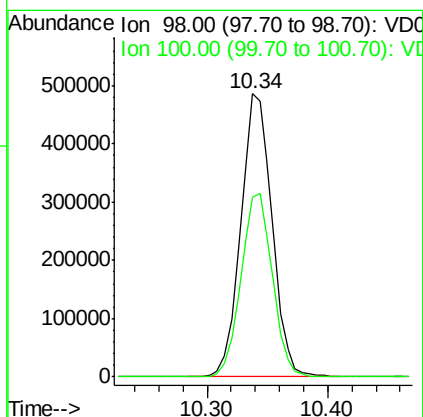
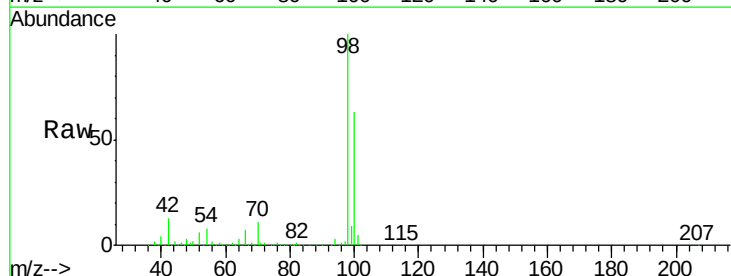
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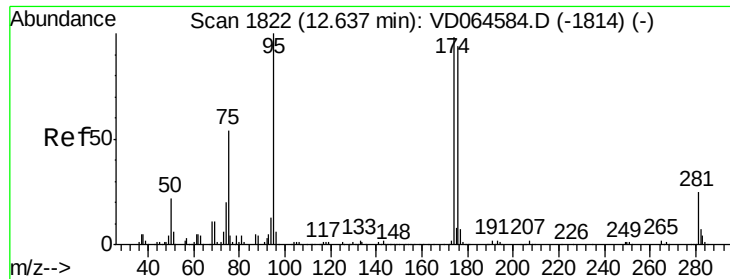
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	80.6	121.0
192	22.3	17.9	26.9



#50
 Toluene-d8
 Concen: 50.623 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD064649.D
 Acq: 27 Dec 2019 17:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.7	77.5

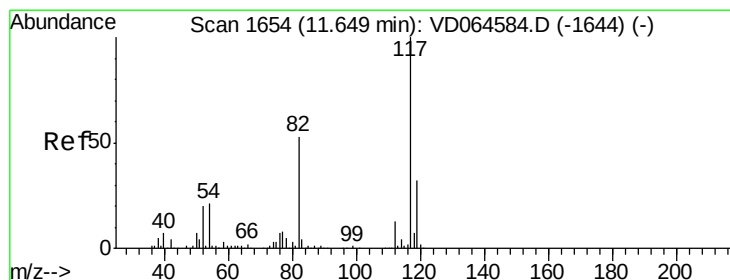
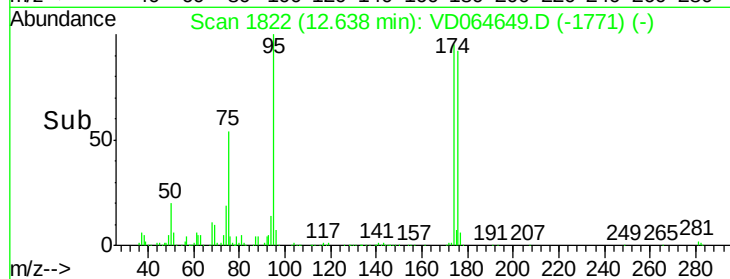
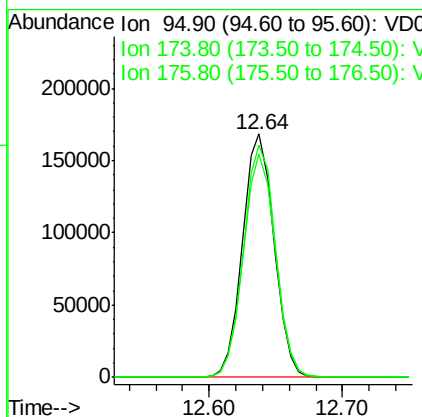
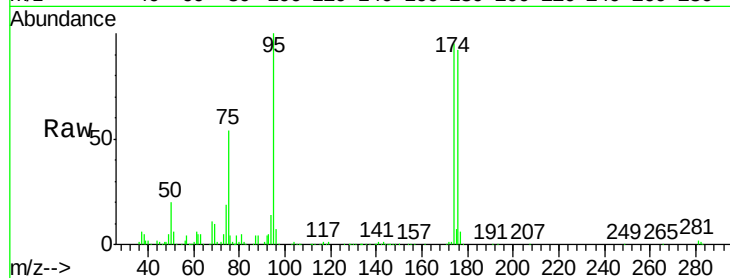




#62
4-Bromofluorobenzene
Concen: 49.912 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064649.D
Acq: 27 Dec 2019 17:17

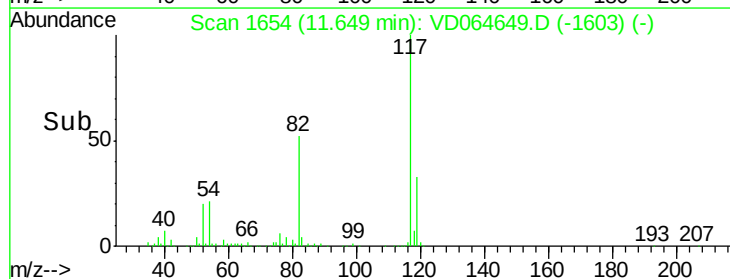
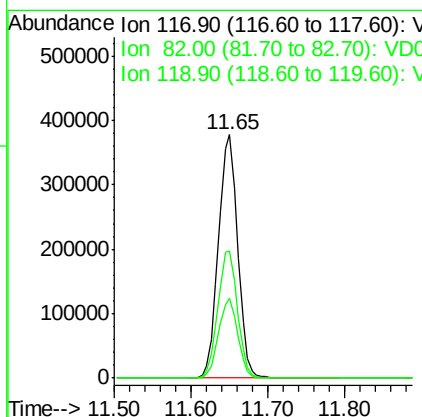
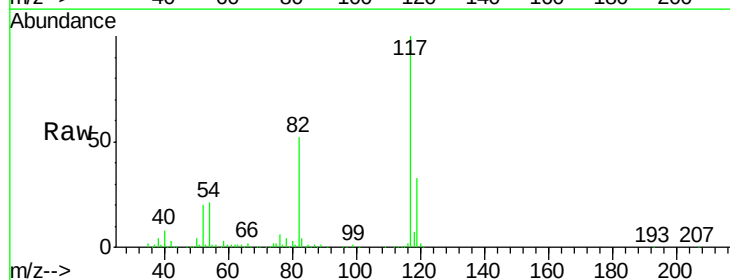
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MSVOA_D
ClientSampleId :
SOIL-DUPLICATE

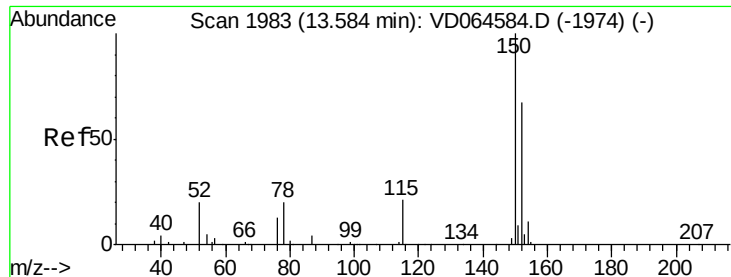
Tgt Ion: 95 Resp: 273409
Ion Ratio Lower Upper
95 100
174 97.2 0.0 193.2
176 93.3 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064649.D
Acq: 27 Dec 2019 17:17

Tgt Ion: 117 Resp: 652111
Ion Ratio Lower Upper
117 100
82 52.4 42.2 63.4
119 32.7 26.0 39.0

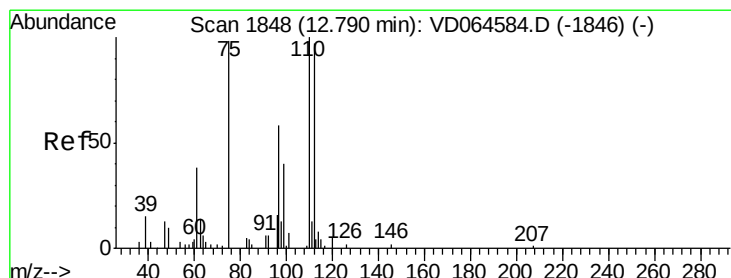
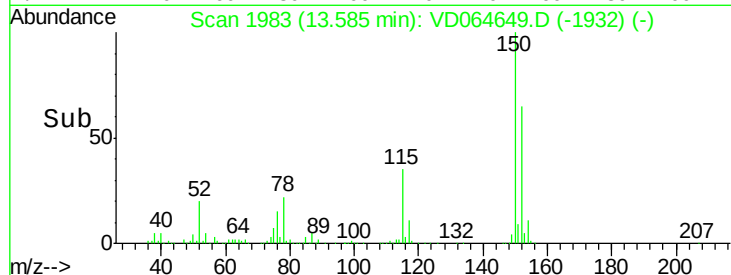
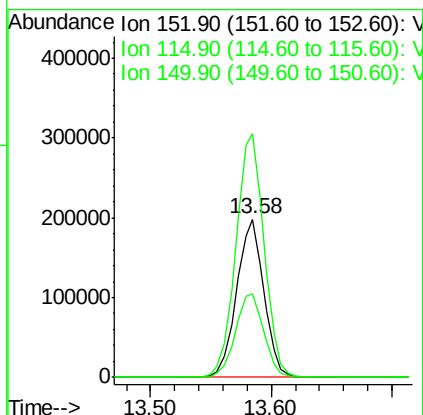
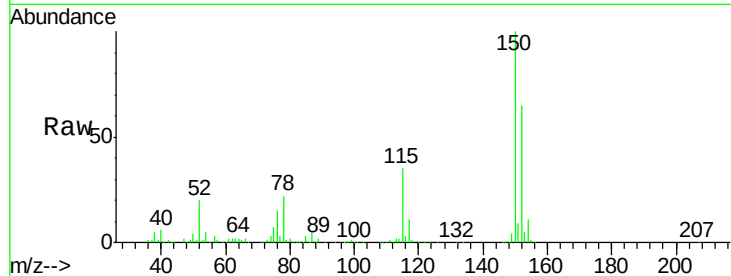




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: VD064649.D
 Acq: 27 Dec 2019 17:17

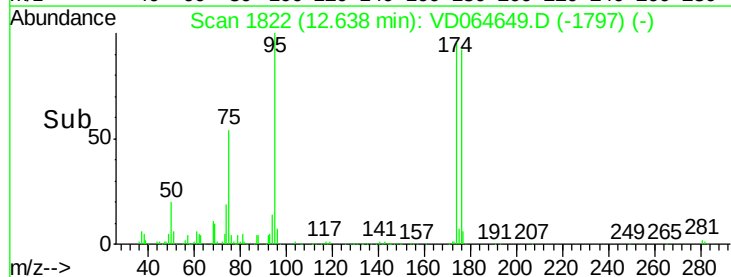
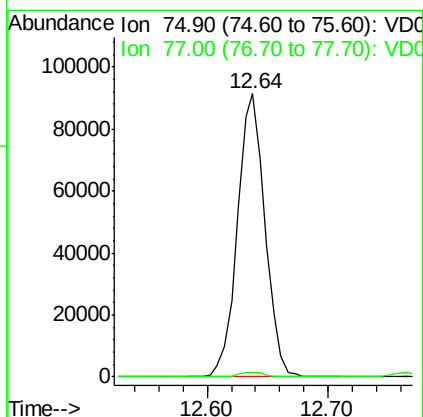
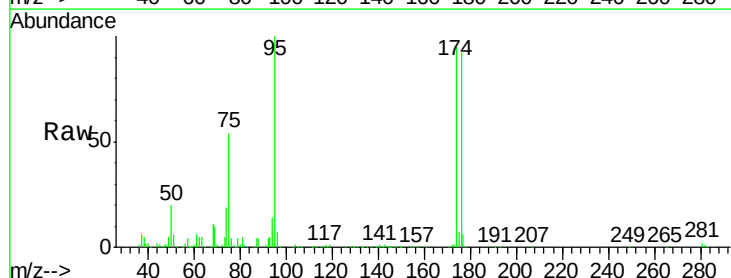
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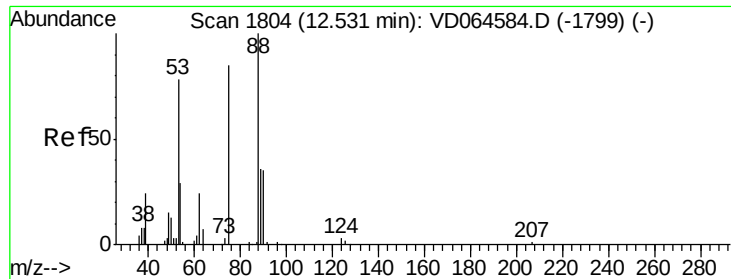
Tgt Ion:152 Resp: 310840
 Ion Ratio Lower Upper
 152 100
 115 55.0 27.8 83.4
 150 158.8 0.0 351.4



#76
 1,2,3-Trichloropropane
 Concen: 59.155 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD064649.D
 Acq: 27 Dec 2019 17:17

Tgt Ion: 75 Resp: 145202
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 123.722 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064649.D

Acq: 27 Dec 2019 17:17

Instrument :

MSVOA_D

ClientSampleId :

SOIL-DUPLICATE

Tgt Ion: 75 Resp: 145202

Ion Ratio Lower Upper

75 100

53 0.1 78.8 118.2#

89 0.0 38.3 57.5#

