

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD011320\
 Data File : VD064850.D
 Acq On : 13 Jan 2020 15:34
 Operator : VA/SY
 Sample : L1098-06
 Misc : 6.71G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-6_13.5-14.0

Quant Time: Jan 14 11:34:04 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

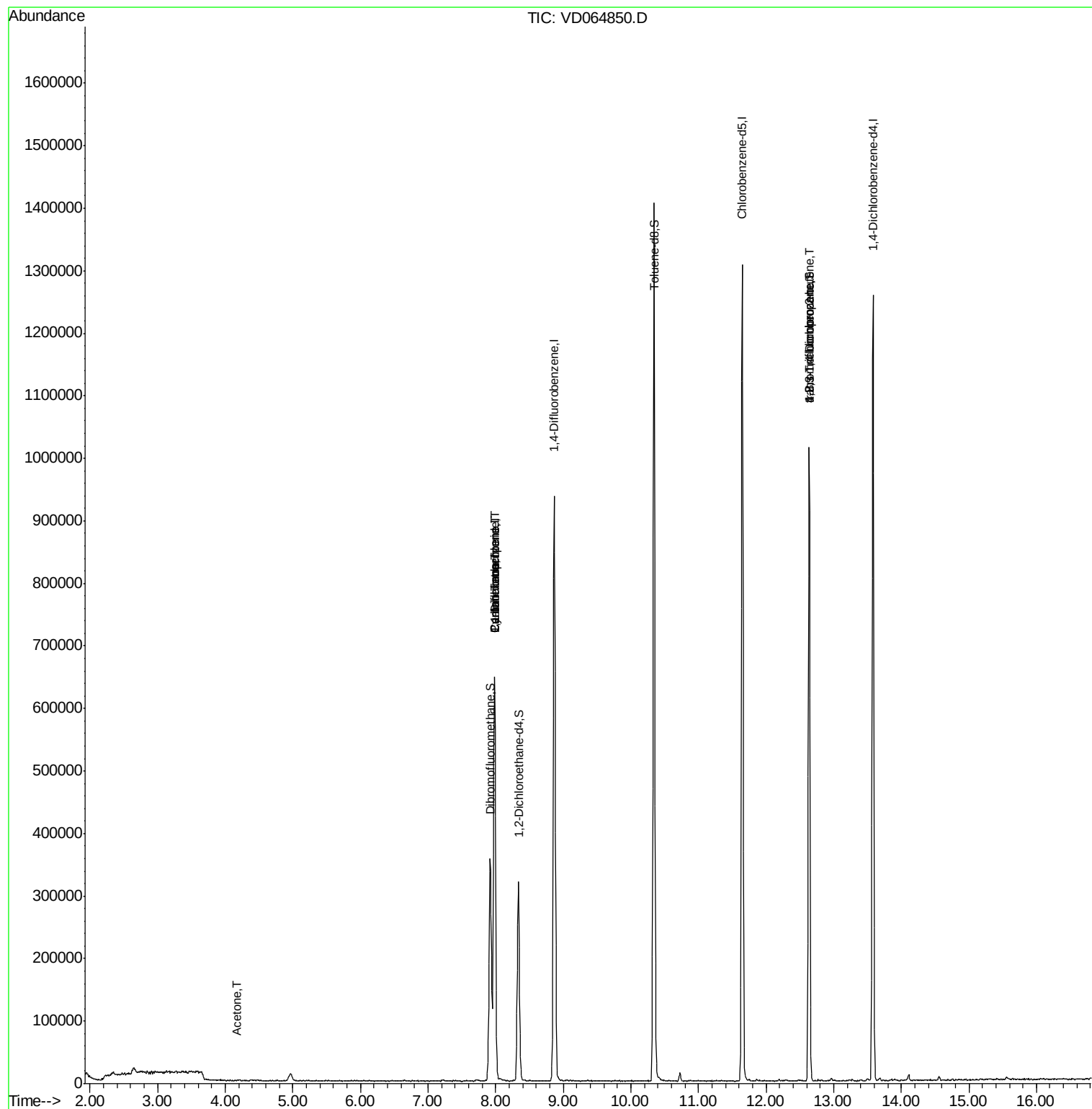
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	493906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	783066	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	718488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	331535	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	258014	59.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.48%	
35) Dibromofluoromethane	7.92	113	248944	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
50) Toluene-d8	10.34	98	935350	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
62) 4-Bromofluorobenzene	12.64	95	295968	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
Target Compounds						
16) Acetone	4.17	43	2033	6.141	ug/l #	42
20) Methylene Chloride	4.97	84	9810	Below Cal	#	79
31) Cyclohexane	7.99	56	10541	1.298	ug/l #	27
36) 1,1-Dichloropropene	7.98	75	36044	4.782	ug/l #	51
38) Carbon Tetrachloride	7.98	117	48061	5.980	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	160666	61.370	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	160666	128.353	ug/l #	10

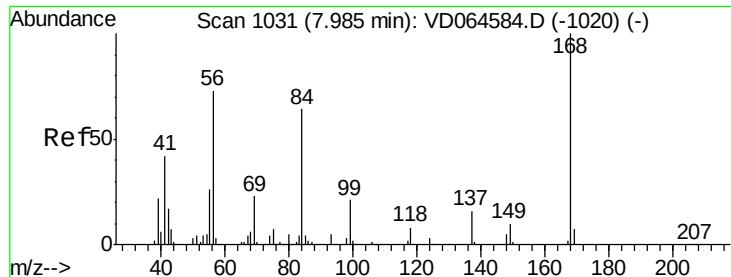
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD011320\
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SB-6_13.5-14.0

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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: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064850.D

Acq: 13 Jan 2020 15:34

Instrument :

MSVOA_D

ClientSampleId :

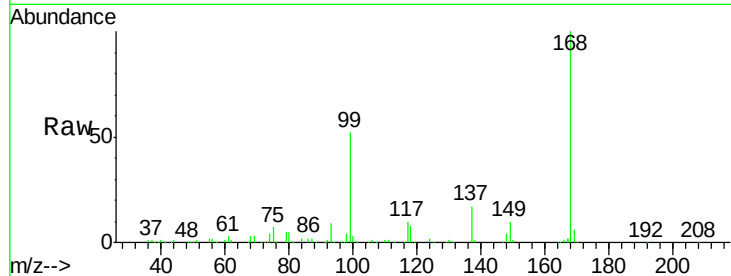
SB-6_13.5-14.0

Tgt Ion:168 Resp: 493906

Ion Ratio Lower Upper

168 100

99 52.1 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

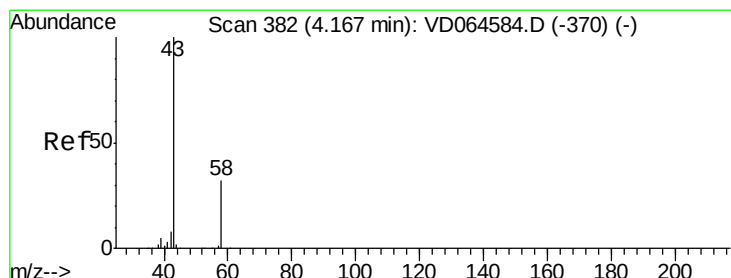
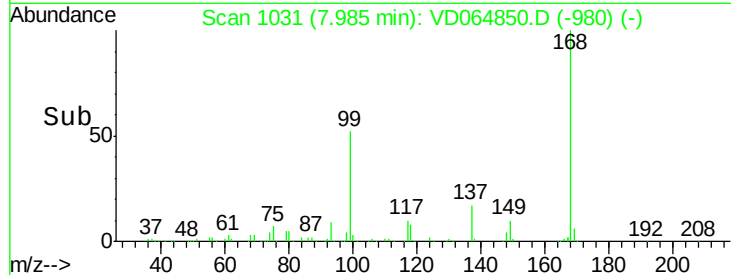
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.141 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064850.D

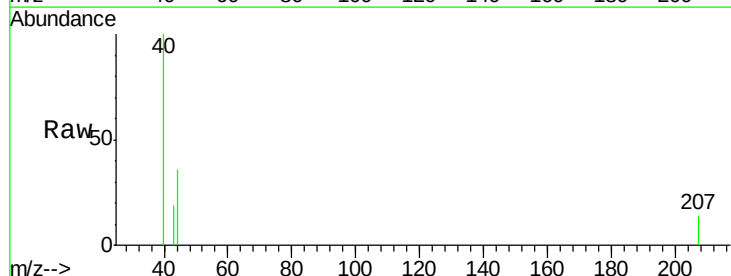
Acq: 13 Jan 2020 15:34

Tgt Ion: 43 Resp: 2033

Ion Ratio Lower Upper

43 100

58 0.0 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

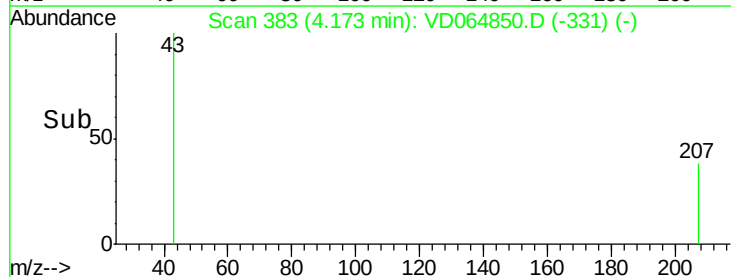
600

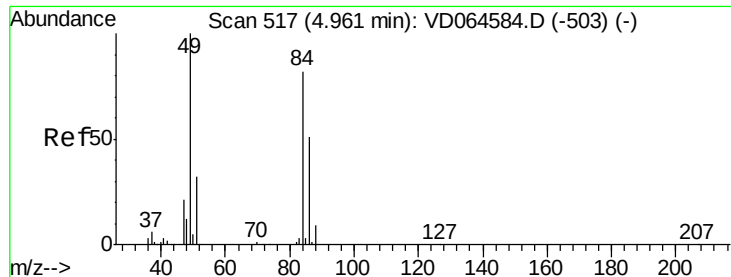
400

200

0

Time-->

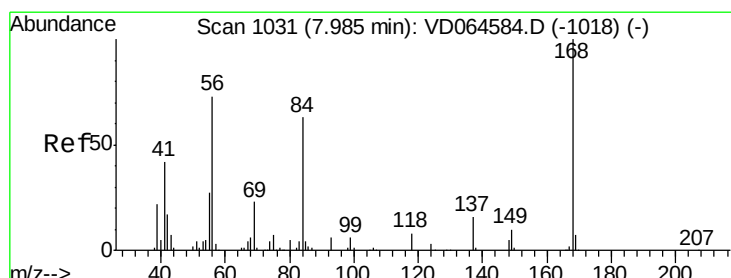
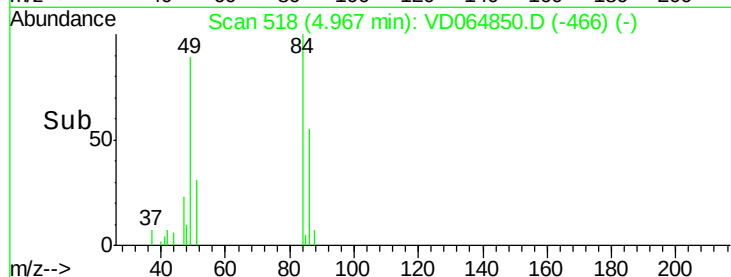
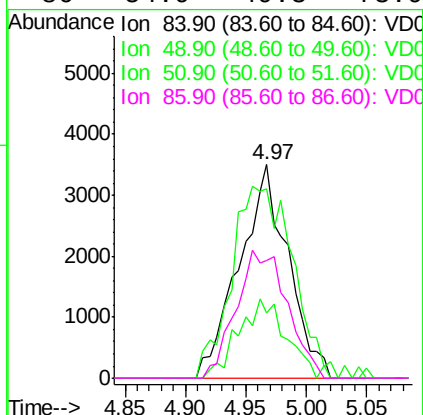
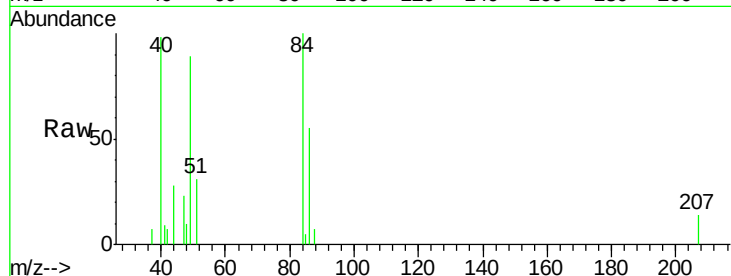




#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD064850.D
Acq: 13 Jan 2020 15:34

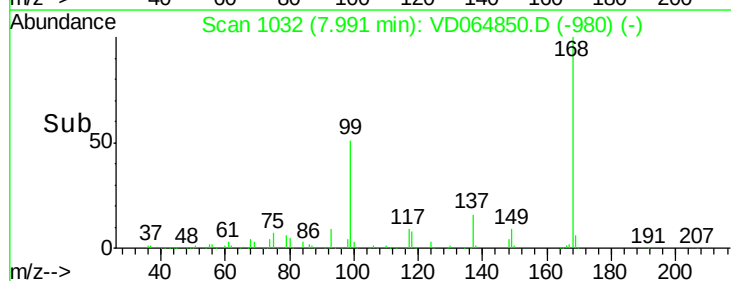
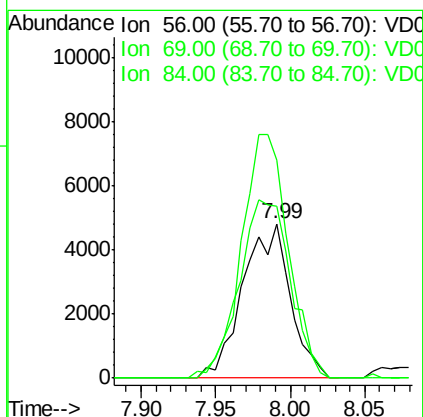
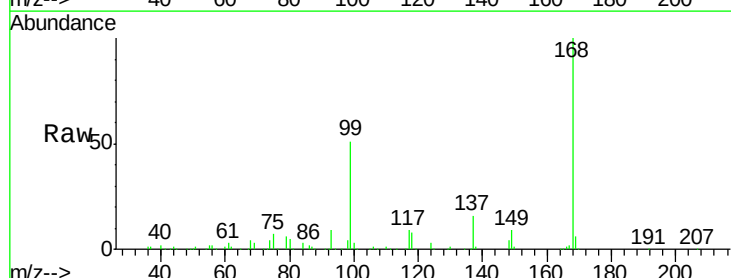
Instrument :
MSVOA_D
ClientSampleId :
SB-6_13.5-14.0

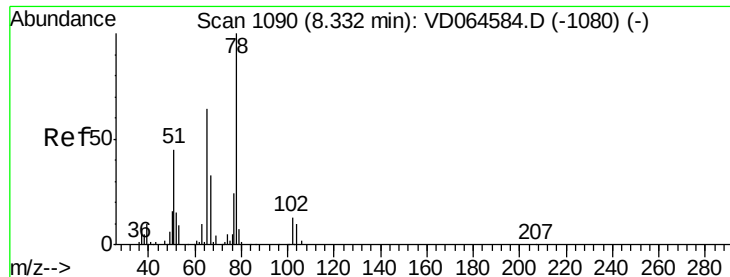
Tgt Ion: 84 Resp: 9810
Ion Ratio Lower Upper
84 100
49 88.7 97.2 145.8#
51 30.5 31.4 47.0#
86 54.9 49.3 73.9



#31
Cyclohexane
Concen: 1.298 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD064850.D
Acq: 13 Jan 2020 15:34

Tgt Ion: 56 Resp: 10541
Ion Ratio Lower Upper
56 100
69 141.4 24.7 37.1#
84 111.6 69.4 104.2#

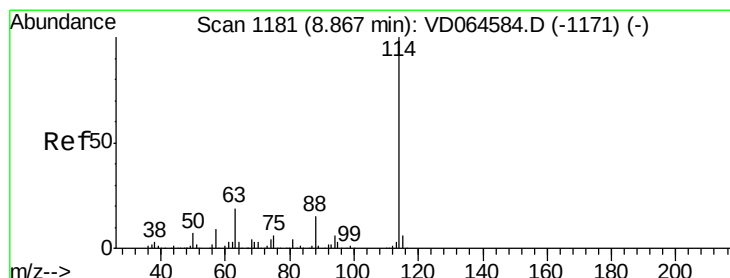
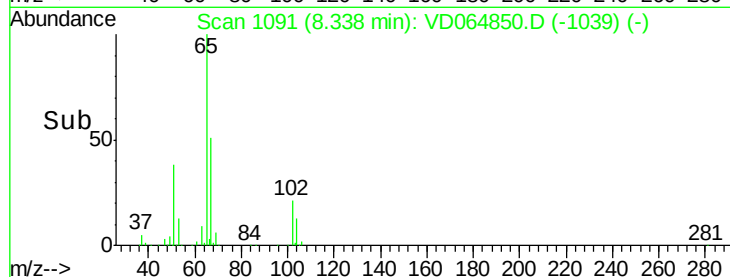
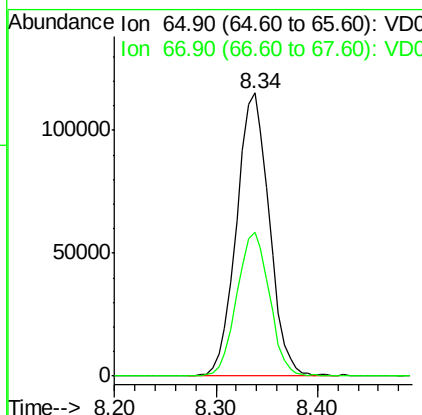
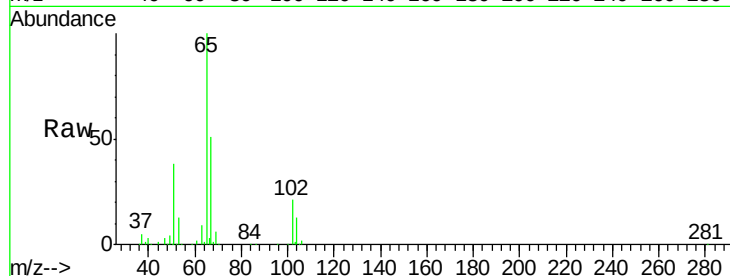




#33
 1,2-Dichloroethane-d4
 Concen: 59.243 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064850.D
 Acq: 13 Jan 2020 15:34

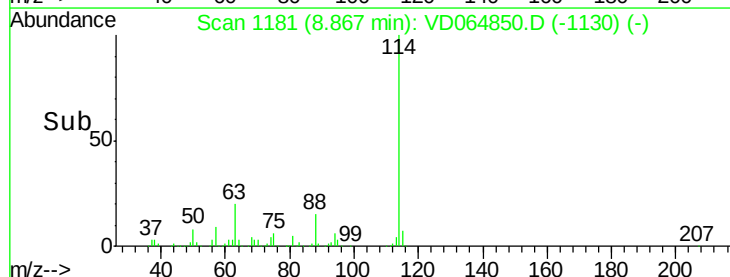
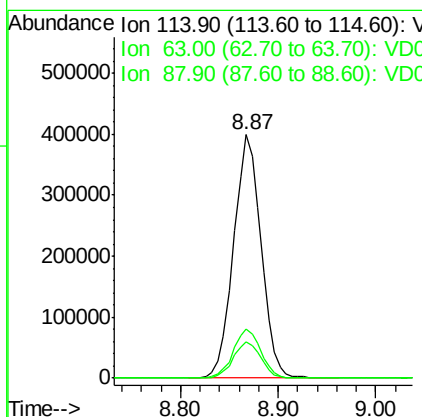
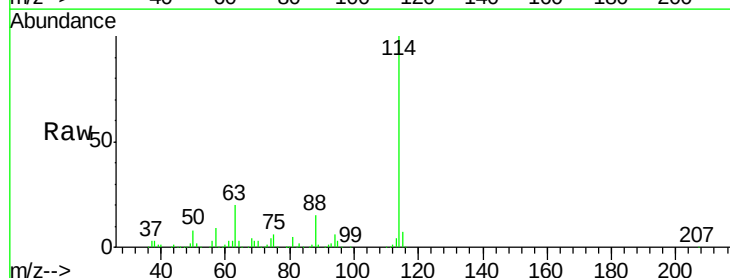
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-6_13.5-14.0

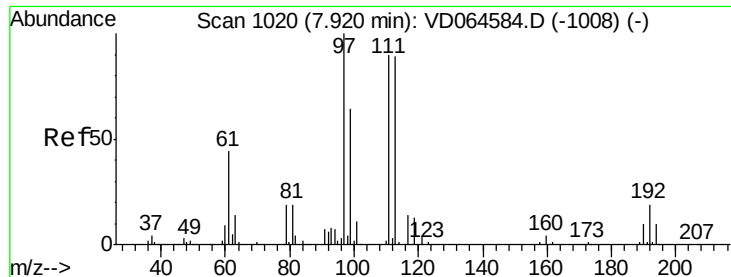
Tgt Ion: 65 Resp: 258014
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064850.D
 Acq: 13 Jan 2020 15:34

Tgt Ion: 114 Resp: 783066
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 38.0
 88 14.7 0.0 29.2

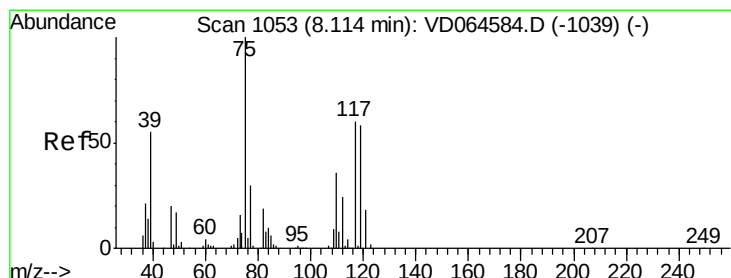
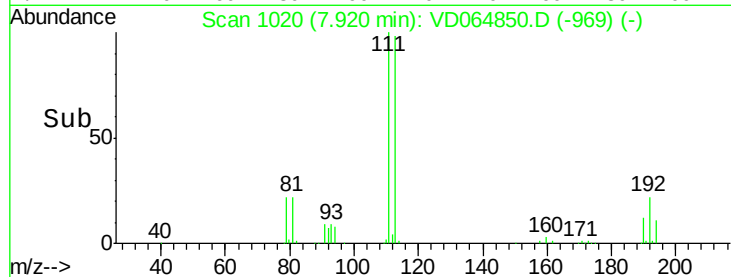
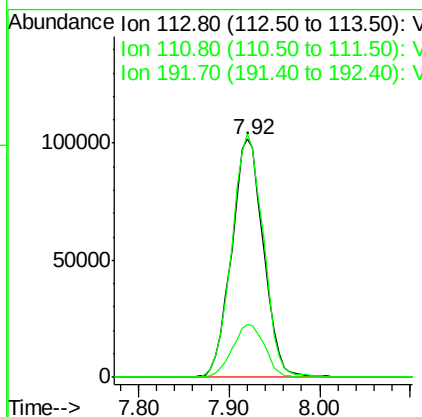
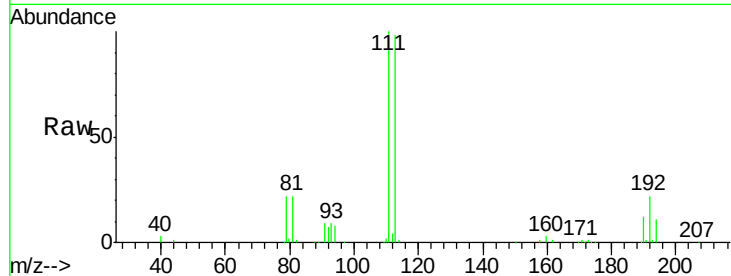




#35
 Dibromofluoromethane
 Concen: 51.817 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064850.D
 Acq: 13 Jan 2020 15:34

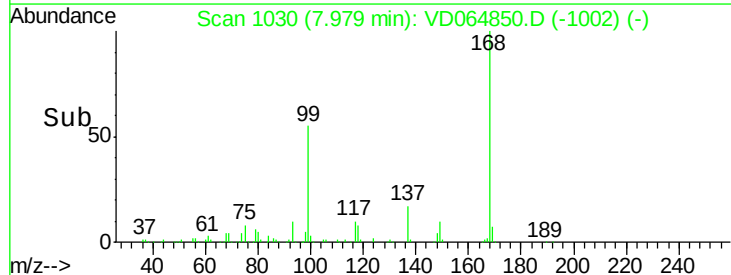
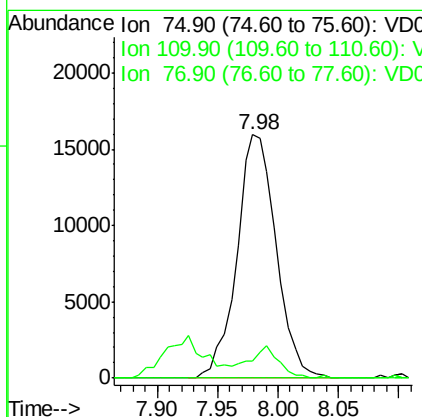
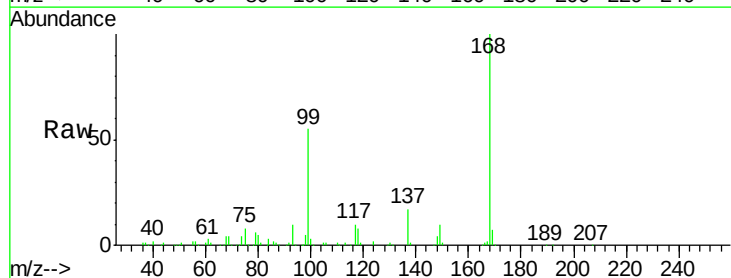
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-6_13.5-14.0

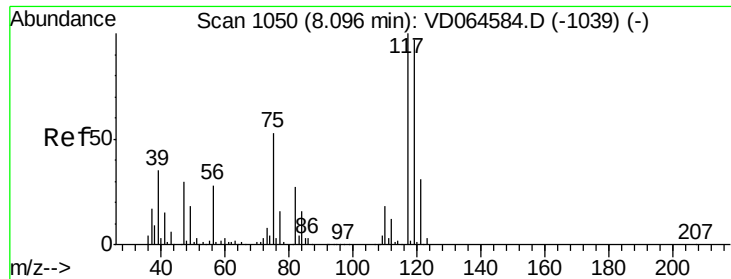
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	80.6	121.0
192	22.4	17.9	26.9



#36
 1,1-Dichloropropene
 Concen: 4.782 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.13 min
 Lab File: VD064850.D
 Acq: 13 Jan 2020 15:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.1	54.1#
77	0.0	24.2	36.4#





#38

Carbon Tetrachloride

Concen: 5.980 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064850.D

Acq: 13 Jan 2020 15:34

Instrument :

MSVOA_D

ClientSampleId :

SB-6_13.5-14.0

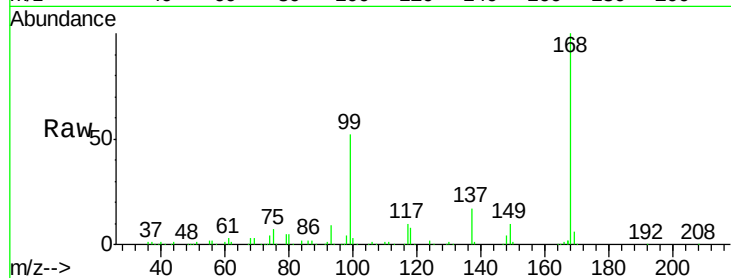
Tgt Ion:117 Resp: 48061

Ion Ratio Lower Upper

117 100

119 4.5 77.3 115.9#

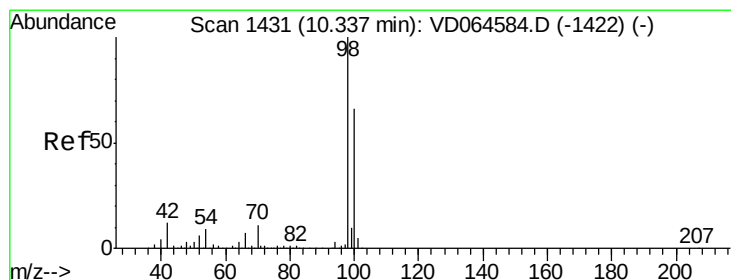
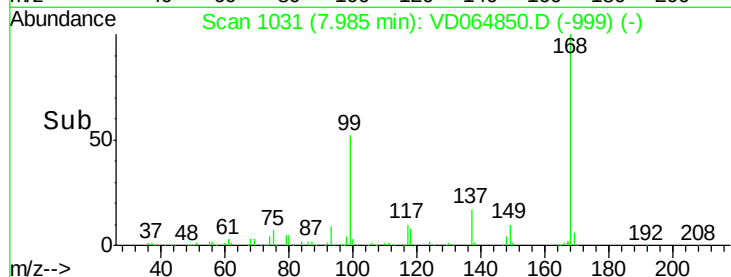
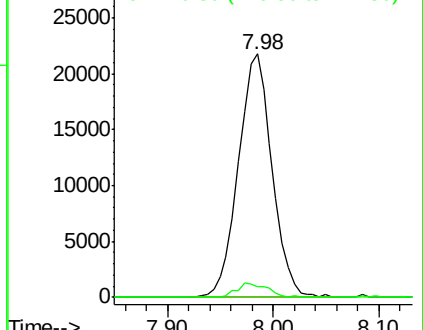
121 0.0 25.0 37.6#



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: 50.835 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064850.D

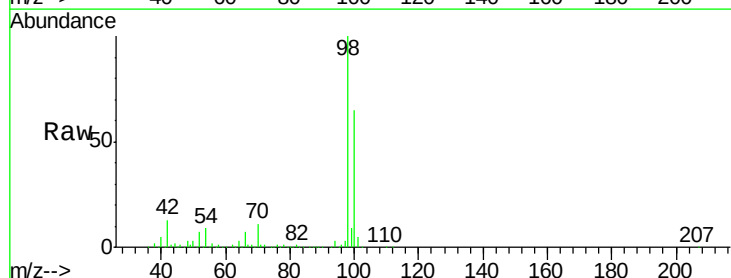
Acq: 13 Jan 2020 15:34

Tgt Ion: 98 Resp: 935350

Ion Ratio Lower Upper

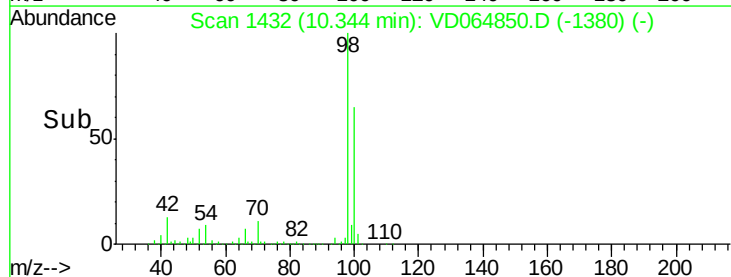
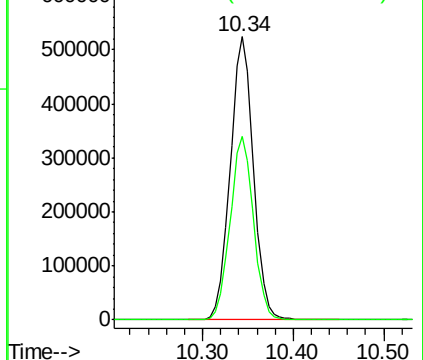
98 100

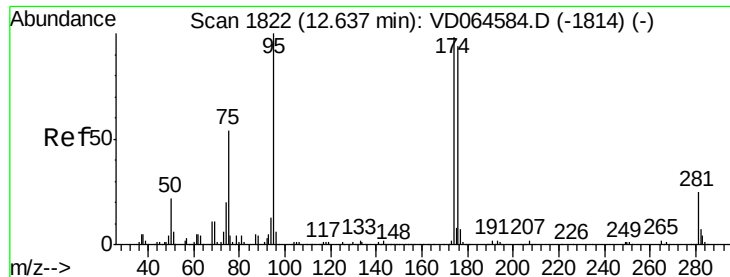
100 65.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 50.869 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064850.D

Acq: 13 Jan 2020 15:34

Instrument :

MSVOA_D

ClientSampleId :

SB-6_13.5-14.0

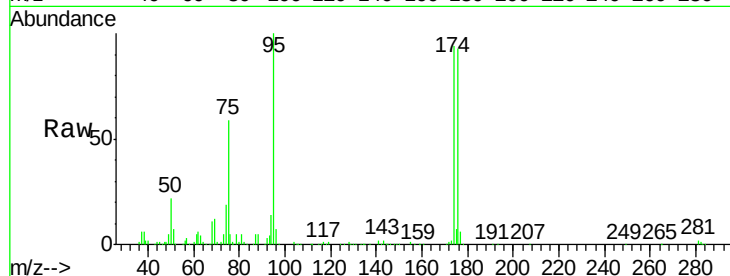
Tgt Ion: 95 Resp: 295968

Ion Ratio Lower Upper

95 100

174 94.0 0.0 193.2

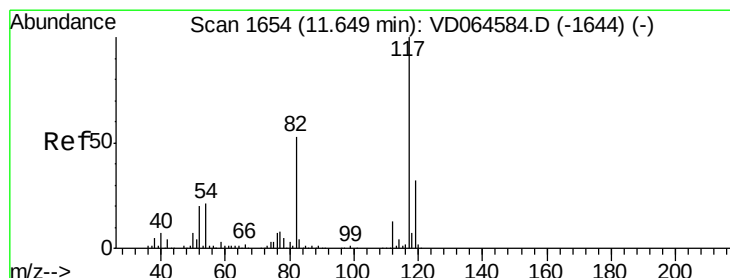
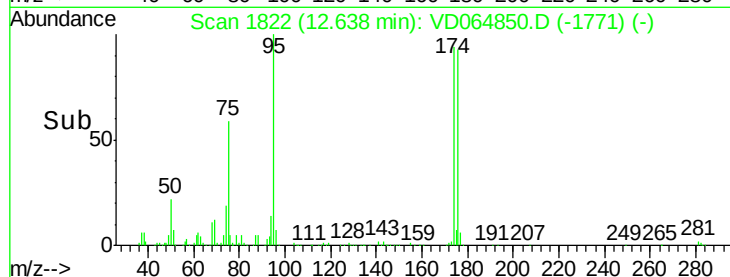
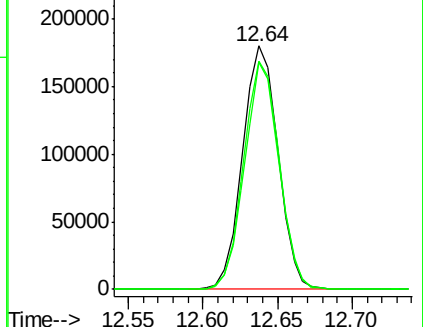
176 90.4 0.0 184.2



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: VD064850.D

Acq: 13 Jan 2020 15:34

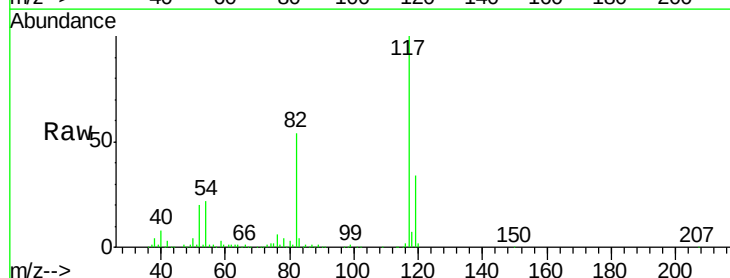
Tgt Ion: 117 Resp: 718488

Ion Ratio Lower Upper

117 100

82 54.1 42.2 63.4

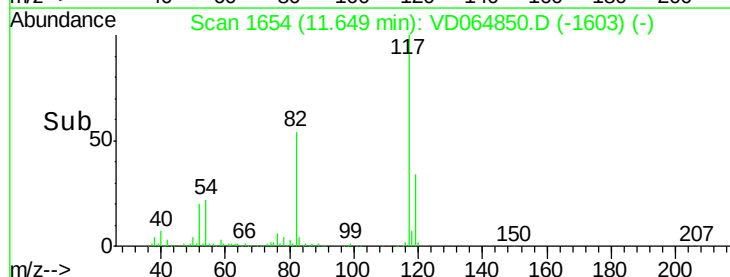
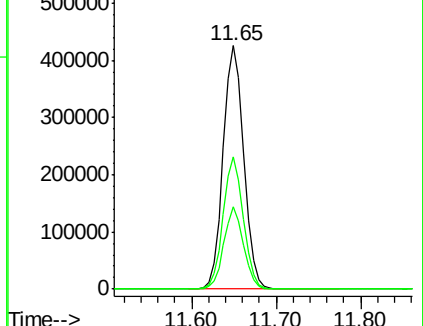
119 33.6 26.0 39.0

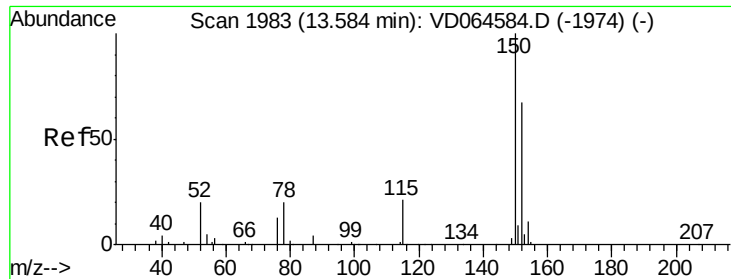


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

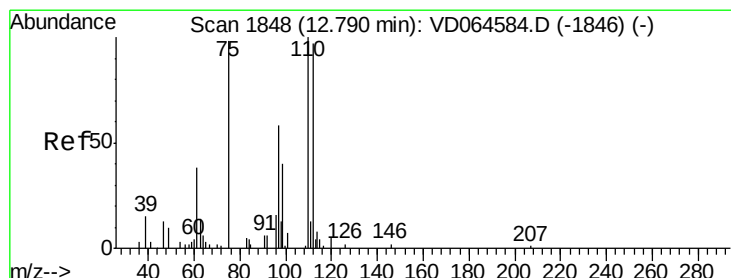
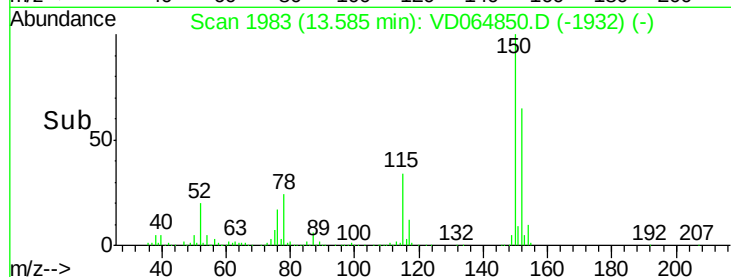
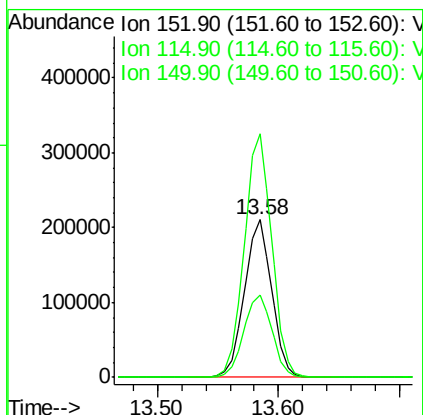
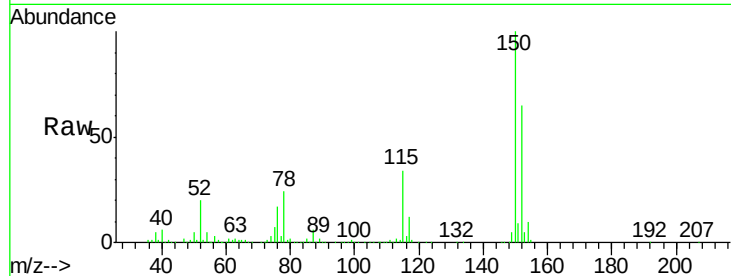




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: VD064850.D
 Acq: 13 Jan 2020 15:34

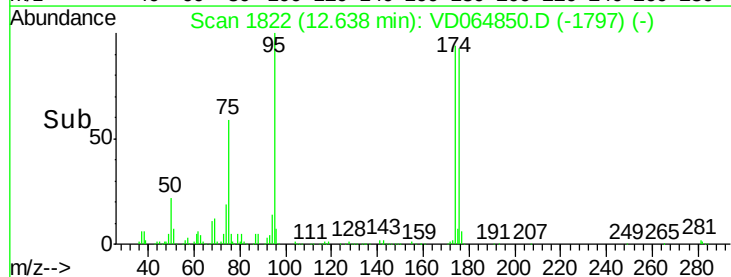
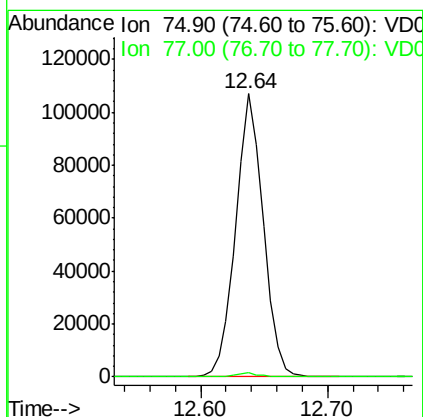
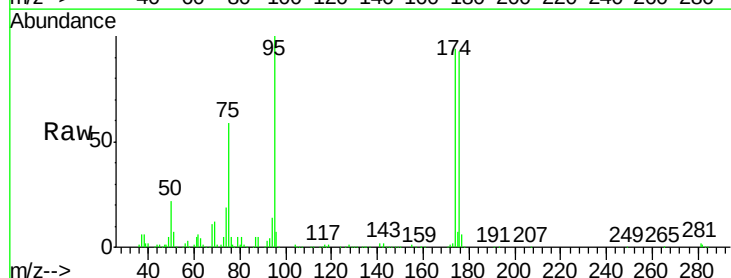
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 SB-6_13.5-14.0

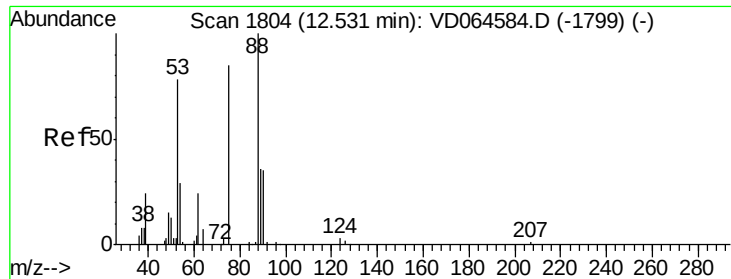
Tgt Ion:152 Resp: 331535
 Ion Ratio Lower Upper
 152 100
 115 54.3 27.8 83.4
 150 155.9 0.0 351.4



#76
 1,2,3-Trichloropropane
 Concen: 61.370 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD064850.D
 Acq: 13 Jan 2020 15:34

Tgt Ion: 75 Resp: 160666
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 128.353 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064850.D

Acq: 13 Jan 2020 15:34

Instrument :

MSVOA_D

ClientSampleId :

SB-6_13.5-14.0

Tgt Ion: 75 Resp: 160666

Ion Ratio Lower Upper

75 100

53 0.1 78.8 118.2#

89 0.0 38.3 57.5#

