

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD011320\
 Data File : VD064854.D
 Acq On : 13 Jan 2020 17:29
 Operator : VA/SY
 Sample : L1098-01
 Misc : 6.11G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2_13.0-13.5

Quant Time: Jan 14 11:34:40 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	192160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	309982	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	303568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	145295	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	129860	76.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	153.28%	
35) Dibromofluoromethane	7.92	113	110093	57.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.78%	
50) Toluene-d8	10.34	98	376151	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
62) 4-Bromofluorobenzene	12.64	95	126622	54.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.96%	

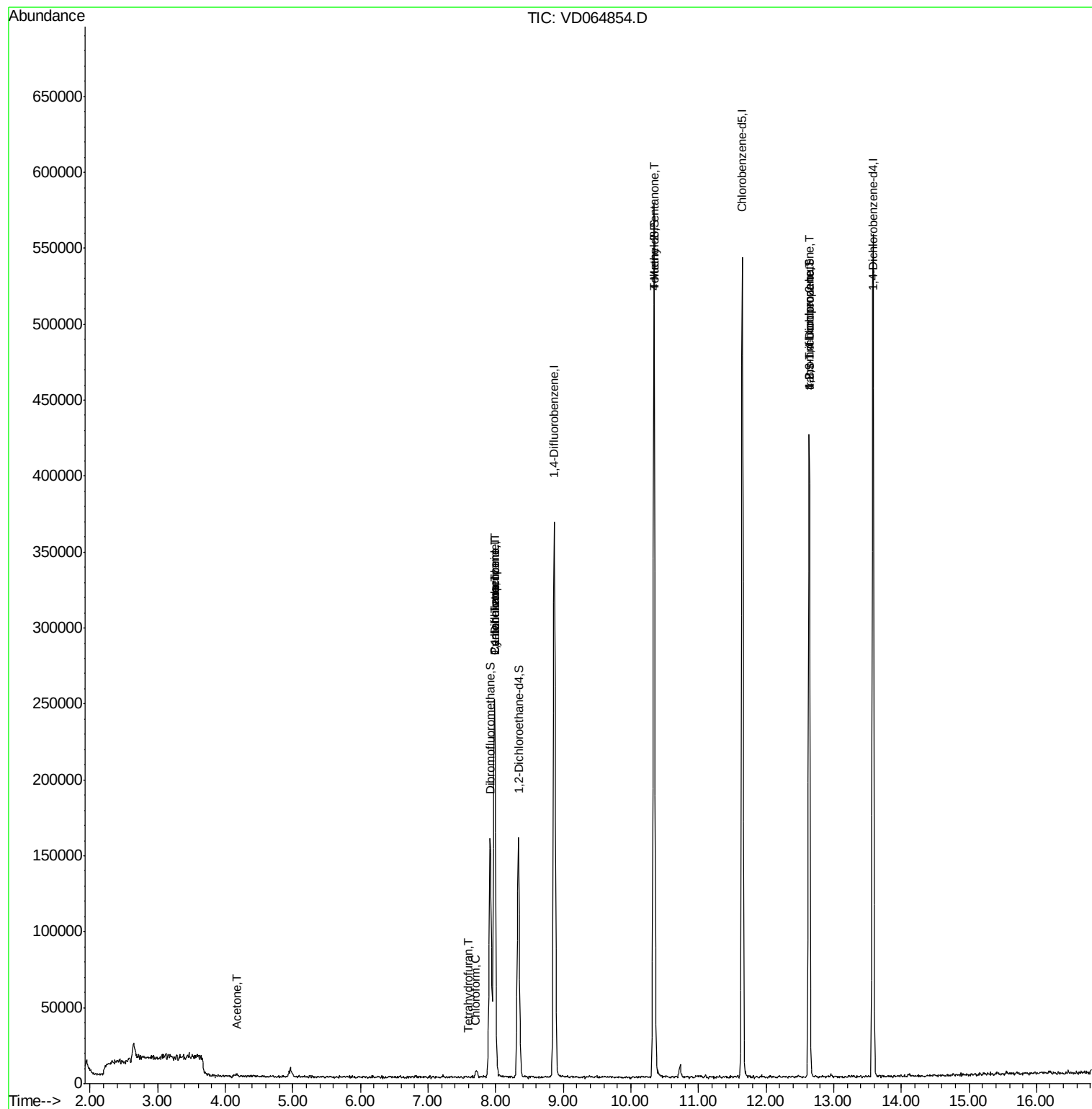
Target Compounds						Qvalue
16) Acetone	4.17	43	2759	10.999	ug/l #	73
20) Methylene Chloride	4.97	84	4049	Below Cal	#	88
29) Tetrahydrofuran	7.58	42	295	1.018	ug/l #	51
30) Chloroform	7.71	83	4206	1.270	ug/l	92
31) Cyclohexane	7.98	56	4140	1.310	ug/l #	10
36) 1,1-Dichloropropene	7.99	75	14234	4.771	ug/l #	50
38) Carbon Tetrachloride	7.98	117	17858	5.613	ug/l #	18
51) 4-Methyl-2-Pentanone	10.34	43	1981	1.718	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	68774	59.942	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	68774	125.367	ug/l #	10

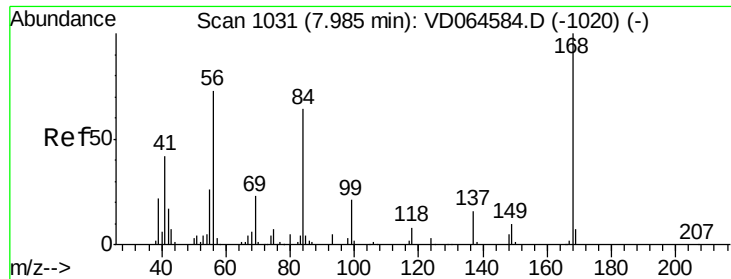
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD011320\
Data File : VD064854.D
Acq On : 13 Jan 2020 17:29
Operator : VA/SY
Sample : L1098-01
Misc : 6.11G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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SB-2_13.0-13.5

Quant Time: Jan 14 11:34:40 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: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064854.D

Acq: 13 Jan 2020 17:29

Instrument :

MSVOA_D

ClientSampleId :

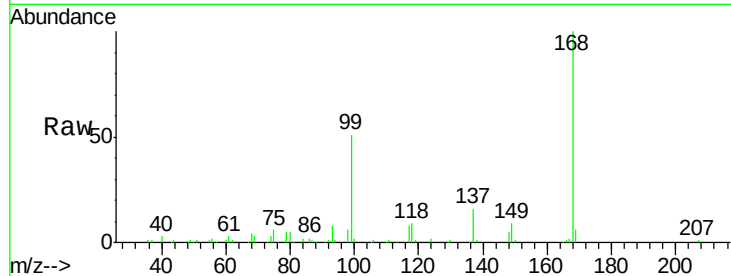
SB-2_13.0-13.5

Tgt Ion:168 Resp: 192160

Ion Ratio Lower Upper

168 100

99 50.6 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

100000

80000

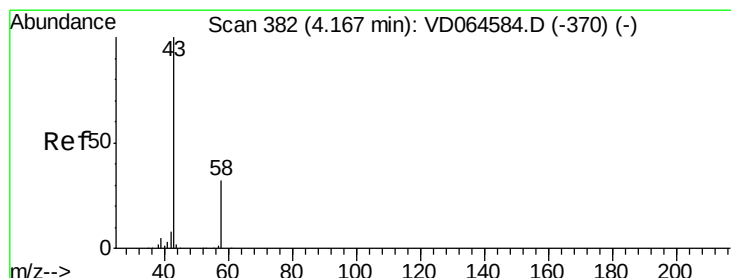
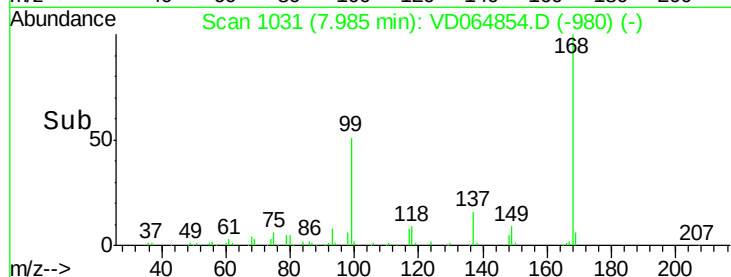
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 10.999 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064854.D

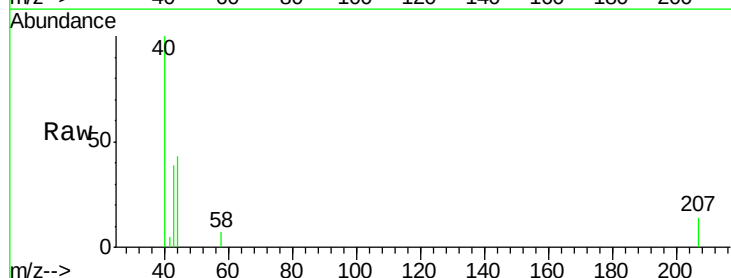
Acq: 13 Jan 2020 17:29

Tgt Ion: 43 Resp: 2759

Ion Ratio Lower Upper

43 100

58 17.4 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

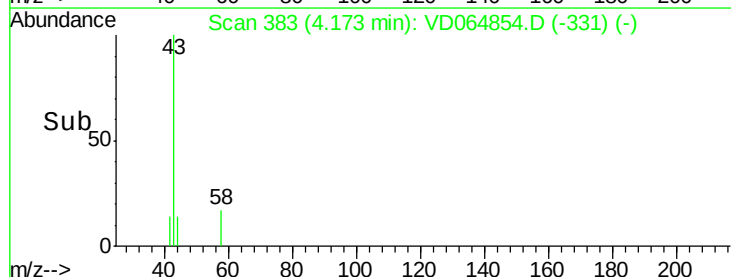
1500

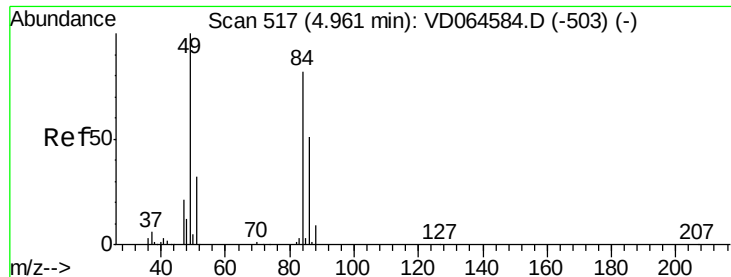
1000

500

0

Time-->

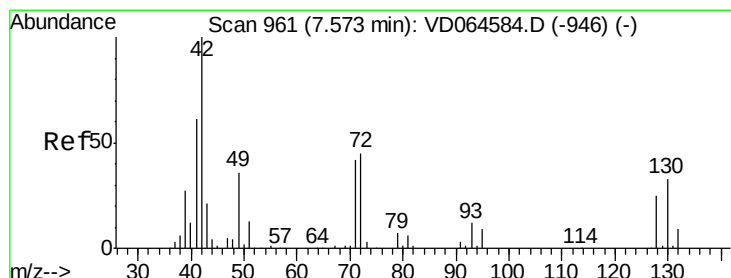
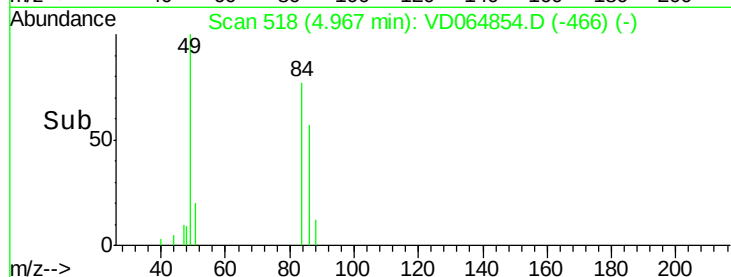
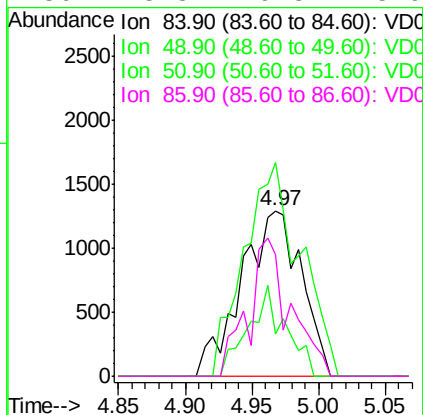
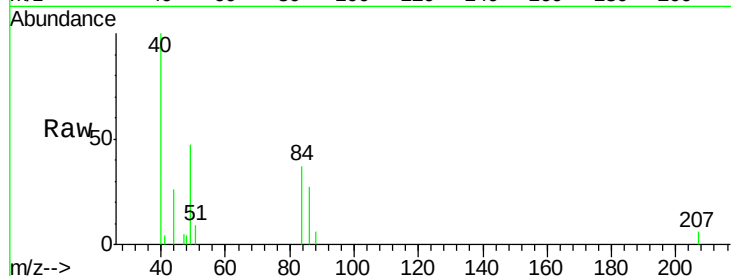




#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD064854.D
Acq: 13 Jan 2020 17:29

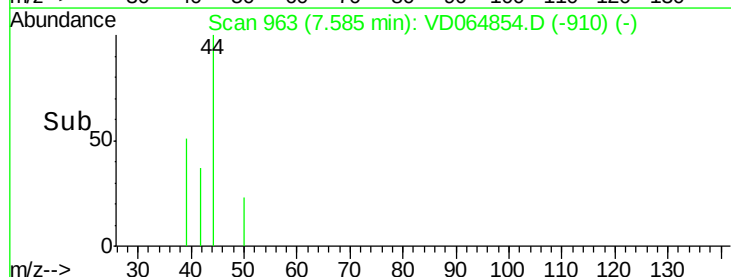
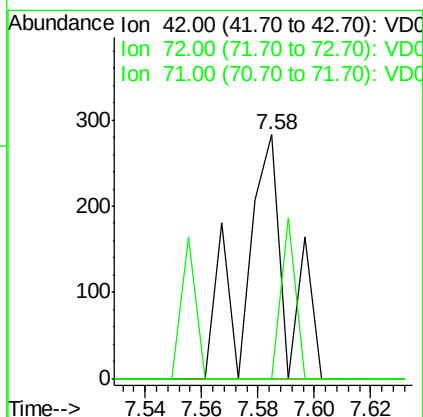
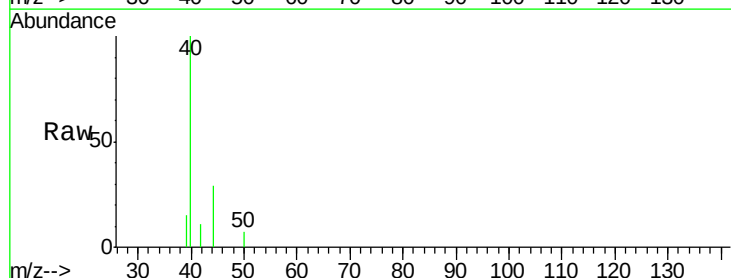
Instrument :
MSVOA_D
ClientSampleId :
SB-2_13.0-13.5

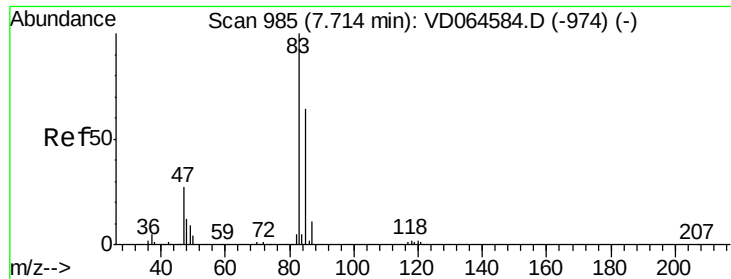
Tgt Ion: 84 Resp: 4049
Ion Ratio Lower Upper
84 100
49 129.3 97.2 145.8
51 25.6 31.4 47.0#
86 73.8 49.3 73.9



#29
Tetrahydrofuran
Concen: 1.018 ug/l
RT: 7.58 min Scan# 963
Delta R.T. 0.01 min
Lab File: VD064854.D
Acq: 13 Jan 2020 17:29

Tgt Ion: 42 Resp: 295
Ion Ratio Lower Upper
42 100
72 22.4 35.0 52.4#
71 0.0 32.9 49.3#

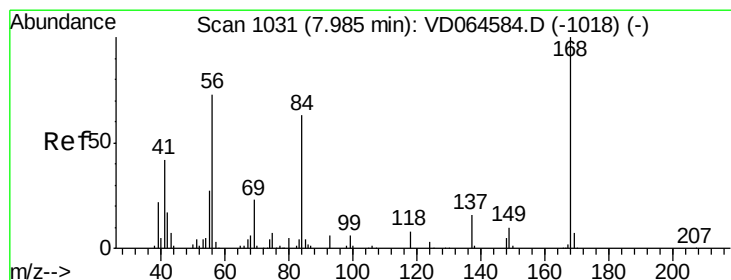
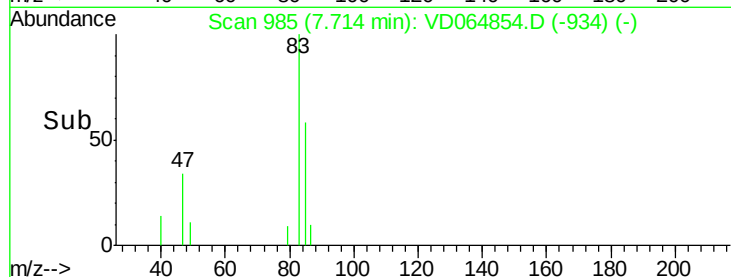
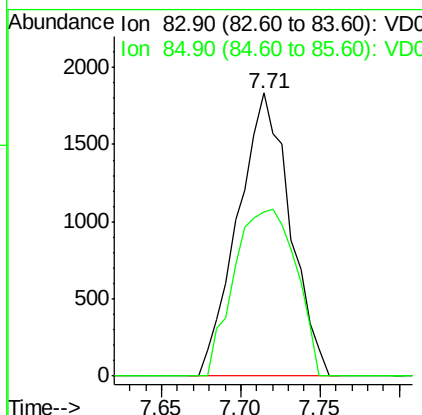
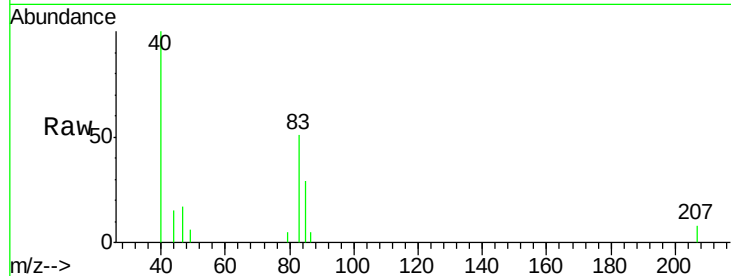




#30
Chloroform
Concen: 1.270 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064854.D
Acq: 13 Jan 2020 17:29

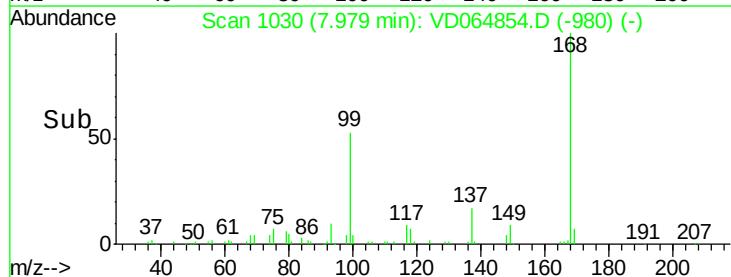
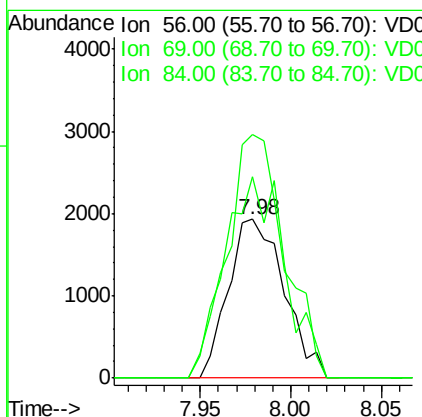
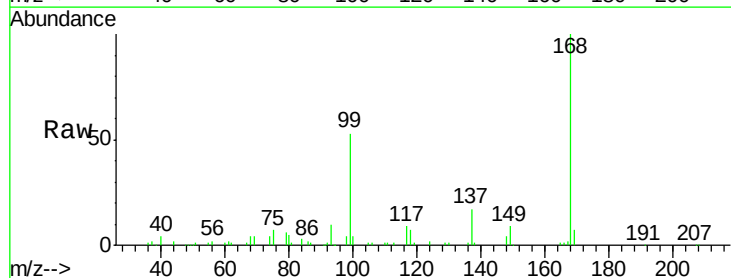
Instrument :
MSVOA_D
ClientSampleId :
SB-2_13.0-13.5

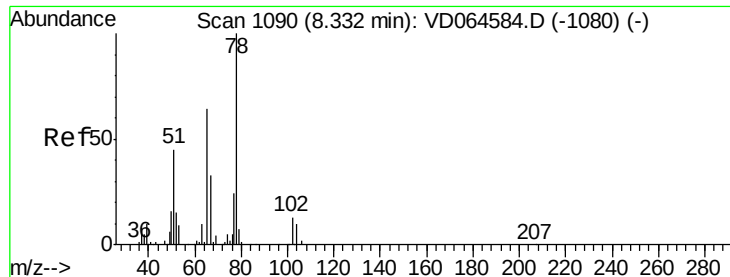
Tgt Ion: 83 Resp: 4206
Ion Ratio Lower Upper
83 100
85 58.0 51.1 76.7



#31
Cyclohexane
Concen: 1.310 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064854.D
Acq: 13 Jan 2020 17:29

Tgt Ion: 56 Resp: 4140
Ion Ratio Lower Upper
56 100
69 153.3 24.7 37.1#
84 126.3 69.4 104.2#

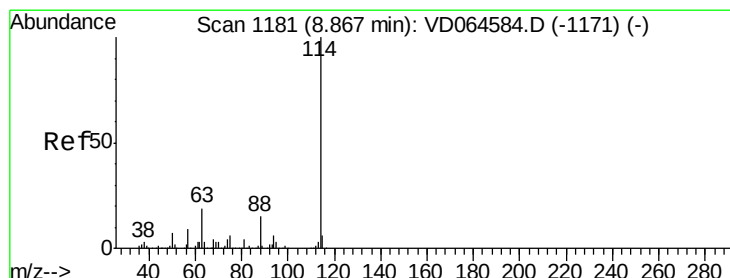
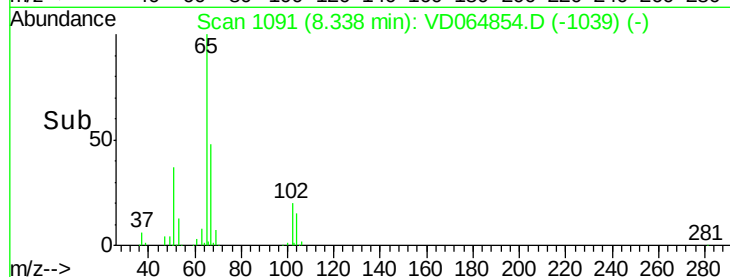
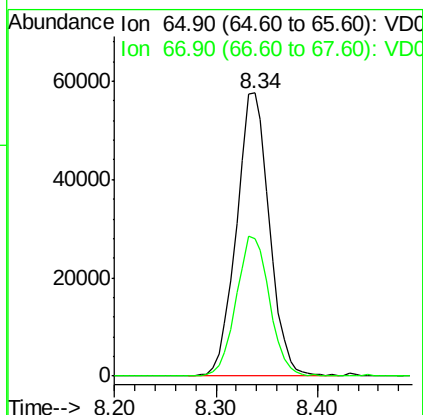
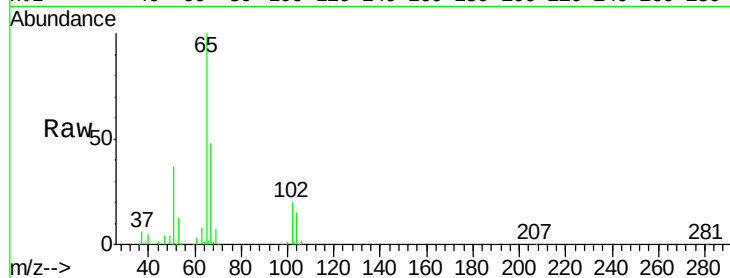




#33
 1,2-Dichloroethane-d4
 Concen: 76.639 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064854.D
 Acq: 13 Jan 2020 17:29

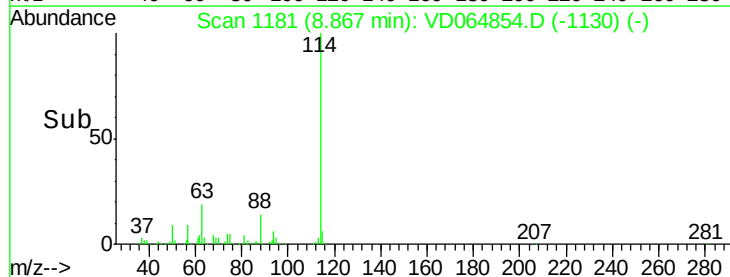
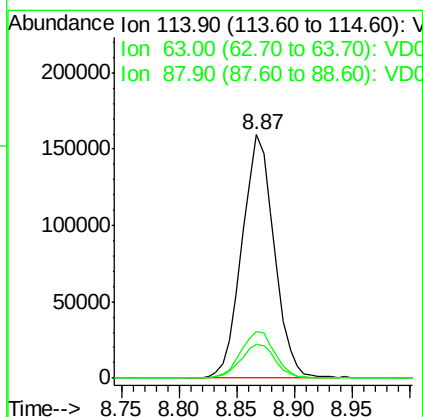
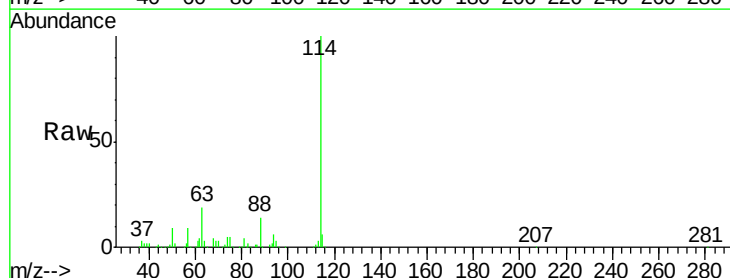
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2_13.0-13.5

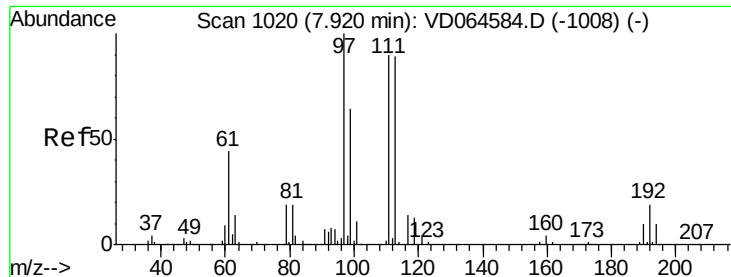
Tgt Ion: 65 Resp: 129860
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064854.D
 Acq: 13 Jan 2020 17:29

Tgt Ion: 114 Resp: 309982
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.0
 88 13.7 0.0 29.2

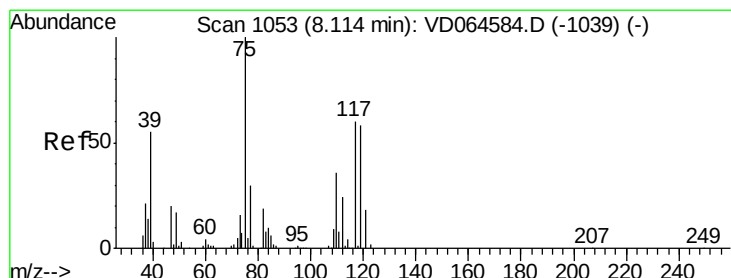
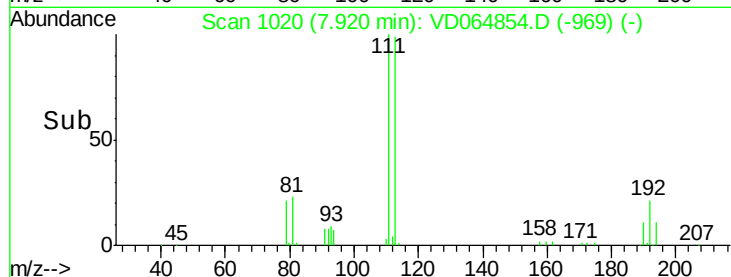
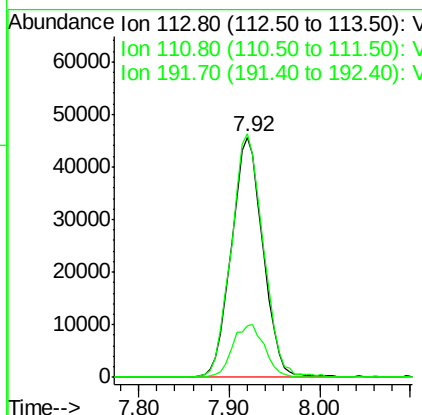
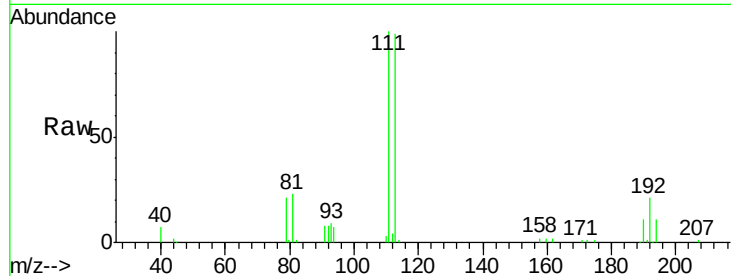




#35
 Dibromofluoromethane
 Concen: 57.889 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064854.D
 Acq: 13 Jan 2020 17:29

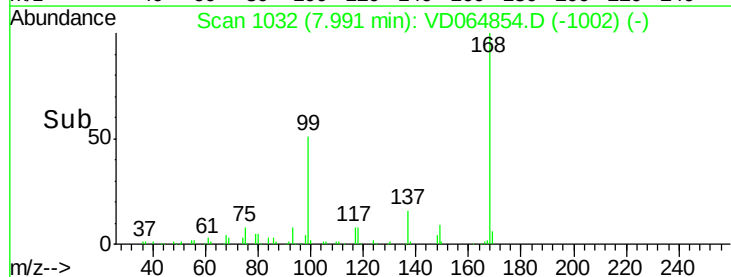
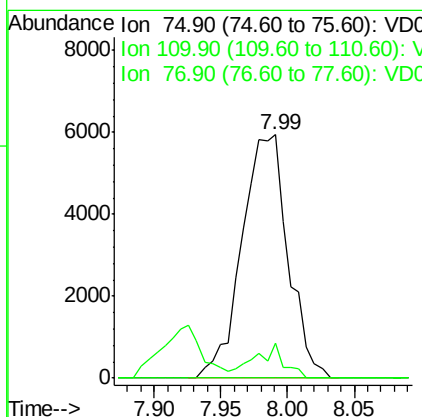
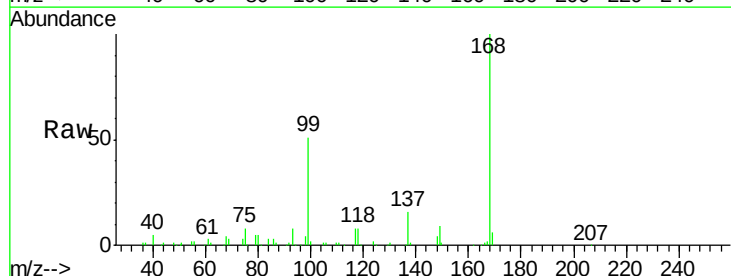
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2_13.0-13.5

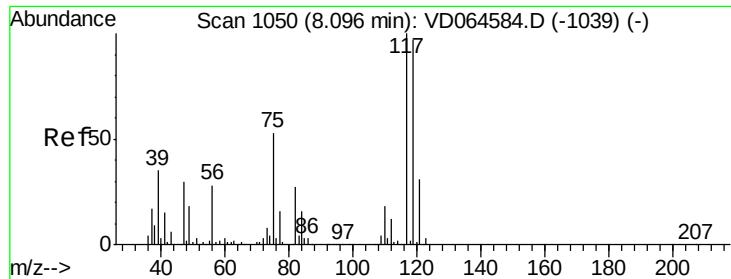
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	80.6	121.0
192	22.2	17.9	26.9



#36
 1,1-Dichloropropene
 Concen: 4.771 ug/l
 RT: 7.99 min Scan# 1032
 Delta R.T. -0.12 min
 Lab File: VD064854.D
 Acq: 13 Jan 2020 17:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.1#
77	0.0	24.2	36.4#





#38

Carbon Tetrachloride

Concen: 5.613 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD064854.D

Acq: 13 Jan 2020 17:29

Instrument :

MSVOA_D

ClientSampleId :

SB-2_13.0-13.5

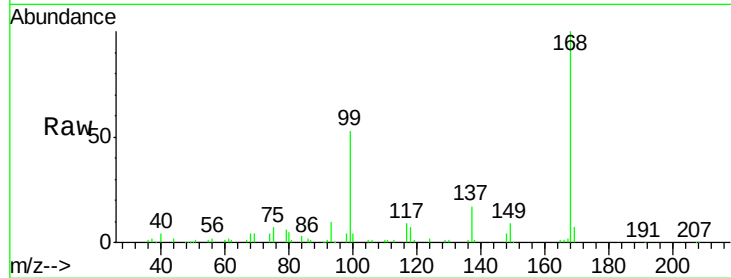
Tgt Ion:117 Resp: 17858

Ion Ratio Lower Upper

117 100

119 8.4 77.3 115.9#

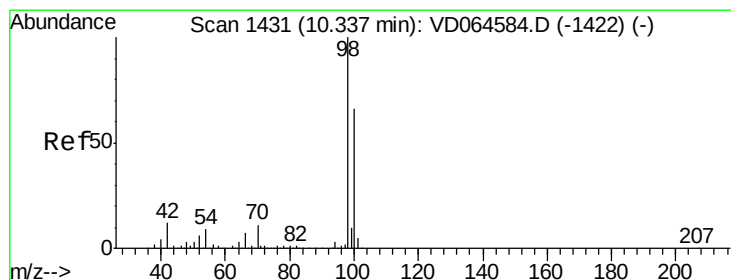
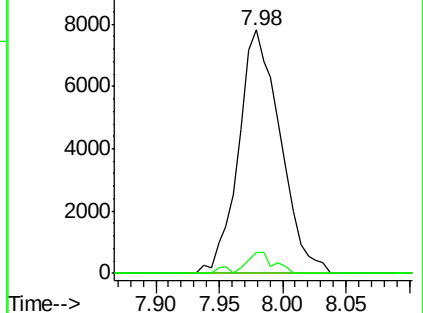
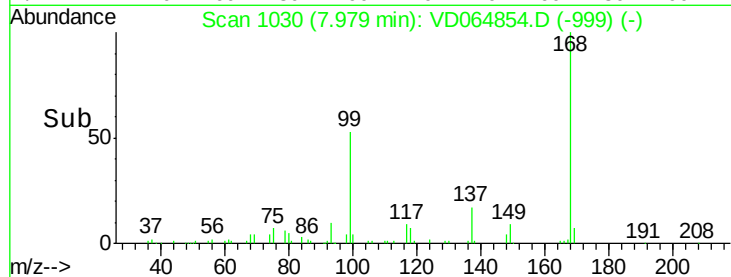
121 0.0 25.0 37.6#



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: 51.643 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064854.D

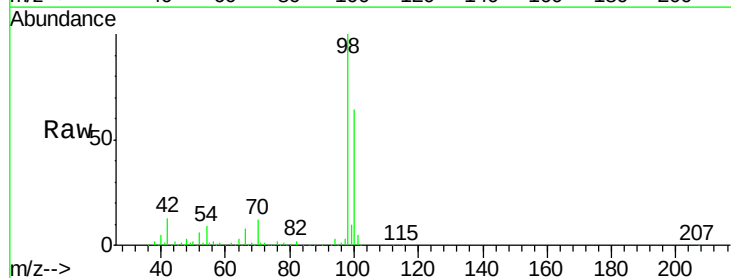
Acq: 13 Jan 2020 17:29

Tgt Ion: 98 Resp: 376151

Ion Ratio Lower Upper

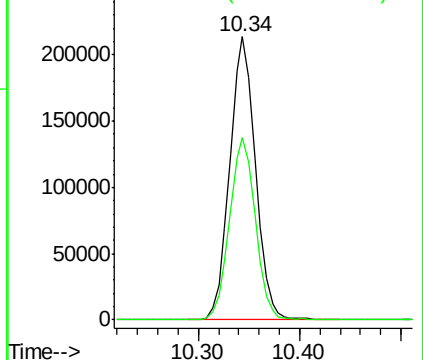
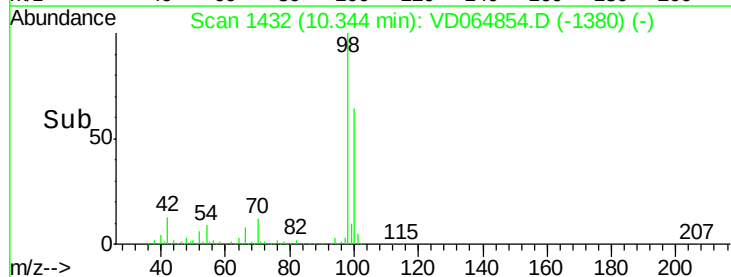
98 100

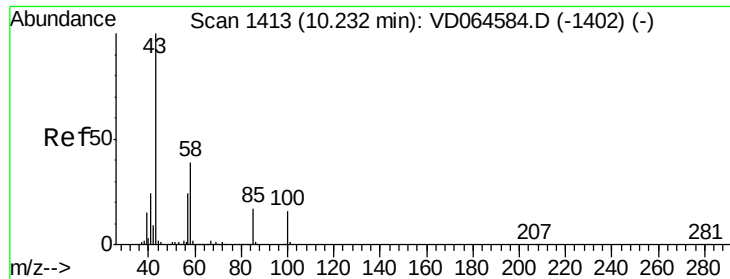
100 64.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

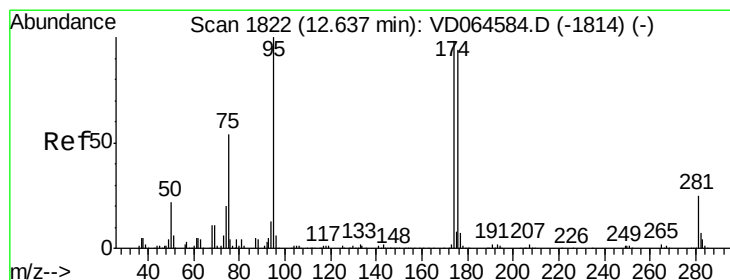
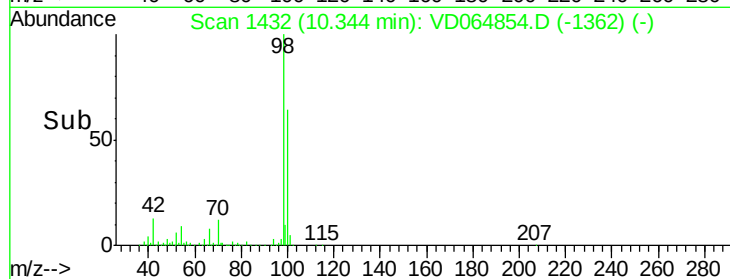
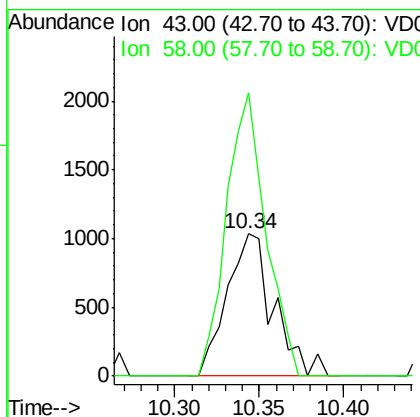
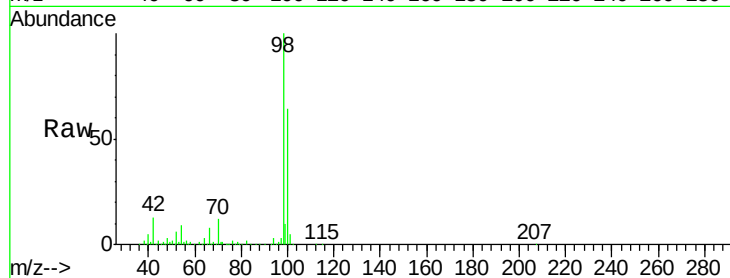




#51
 4-Methyl-2-Pentanone
 Concen: 1.718 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.11 min
 Lab File: VD064854.D
 Acq: 13 Jan 2020 17:29

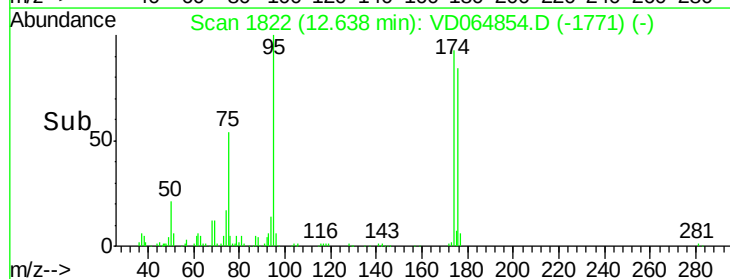
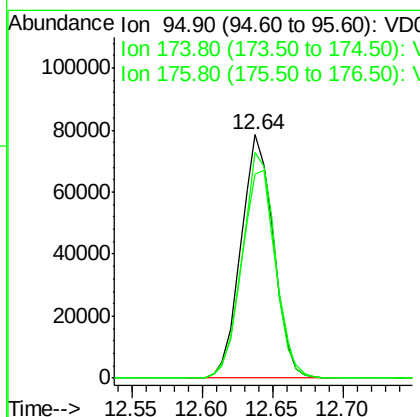
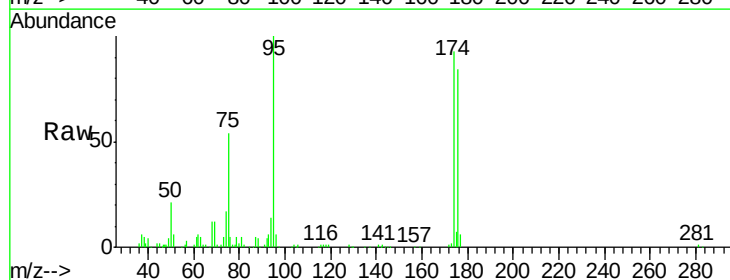
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2_13.0-13.5

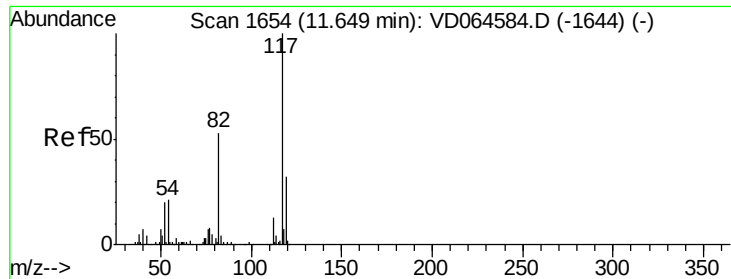
Tgt Ion: 43 Resp: 1981
 Ion Ratio Lower Upper
 43 100
 58 168.1 30.2 45.2#



#62
 4-Bromofluorobenzene
 Concen: 54.977 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD064854.D
 Acq: 13 Jan 2020 17:29

Tgt Ion: 95 Resp: 126622
 Ion Ratio Lower Upper
 95 100
 174 93.5 0.0 193.2
 176 90.0 0.0 184.2

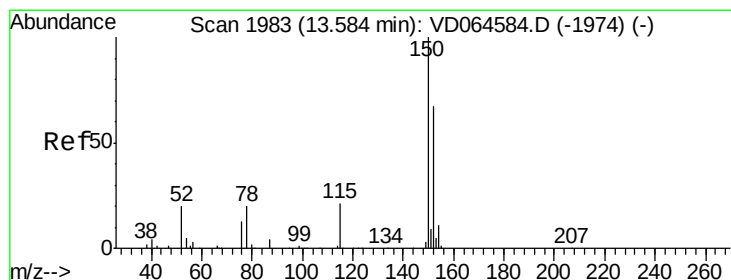
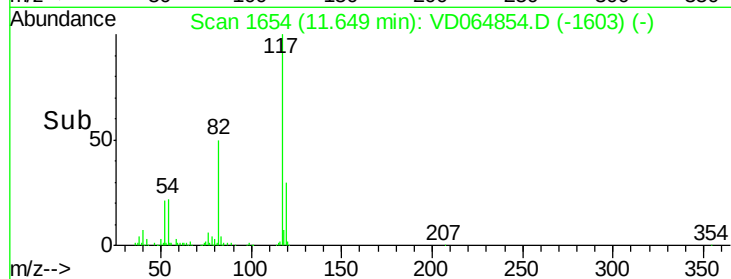
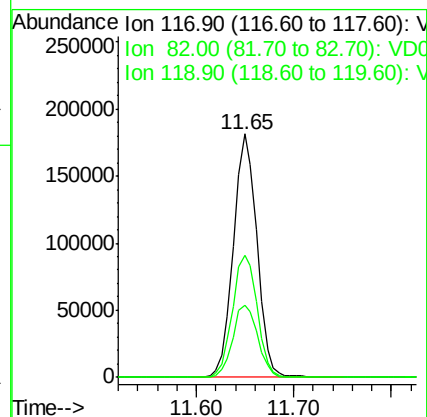
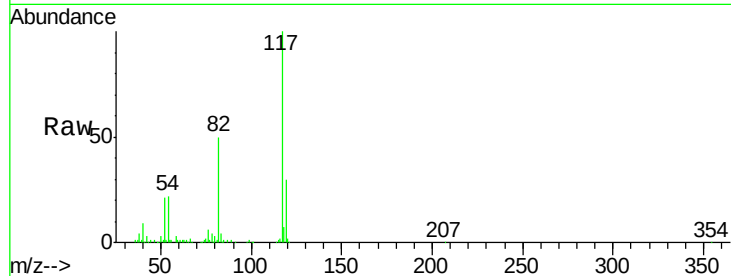




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064854.D
Acq: 13 Jan 2020 17:29

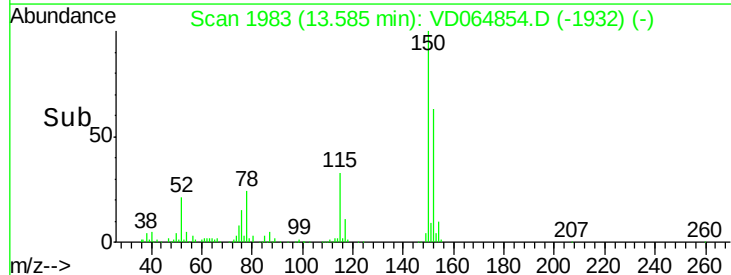
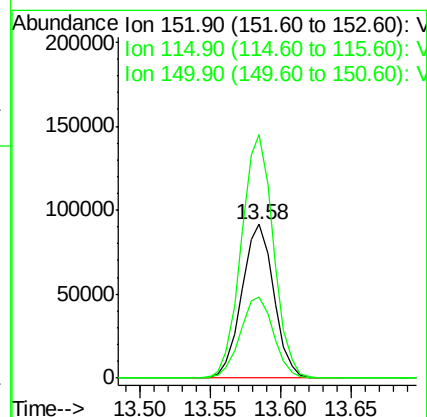
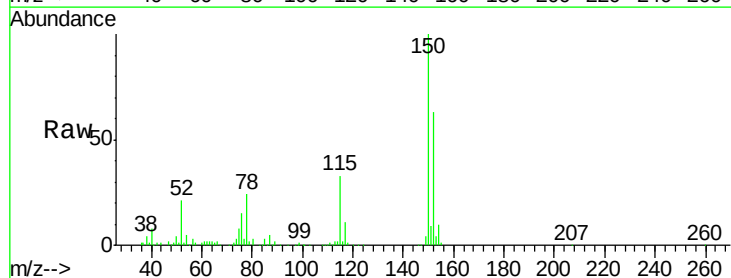
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MSVOA_D
ClientSampleId :
SB-2_13.0-13.5

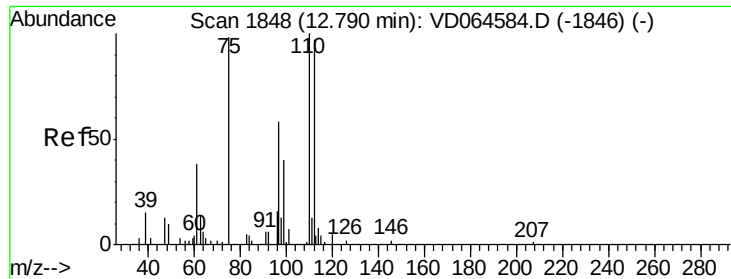
Tgt Ion:117 Resp: 303568
Ion Ratio Lower Upper
117 100
82 50.0 42.2 63.4
119 29.8 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064854.D
Acq: 13 Jan 2020 17:29

Tgt Ion:152 Resp: 145295
Ion Ratio Lower Upper
152 100
115 54.8 27.8 83.4
150 158.8 0.0 351.4





#76

1,2,3-Trichloropropane

Concen: 59.942 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064854.D

Acq: 13 Jan 2020 17:29

Instrument :

MSVOA_D

ClientSampleId :

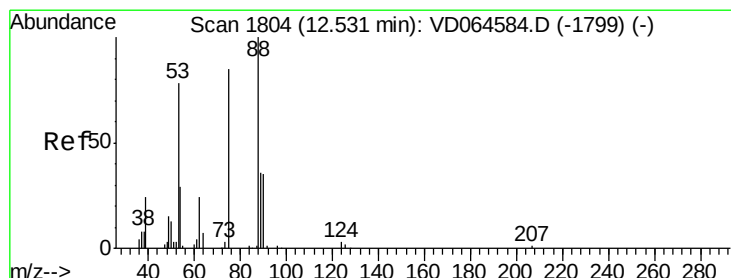
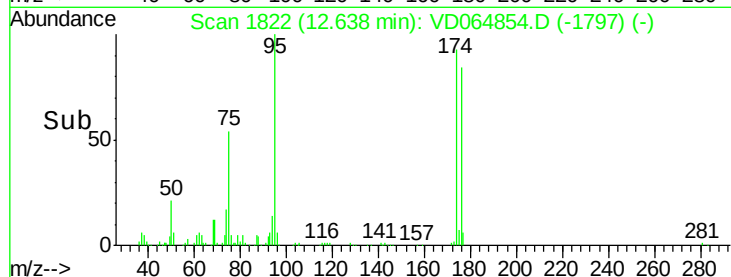
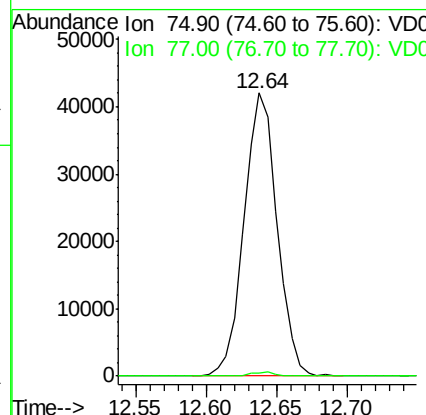
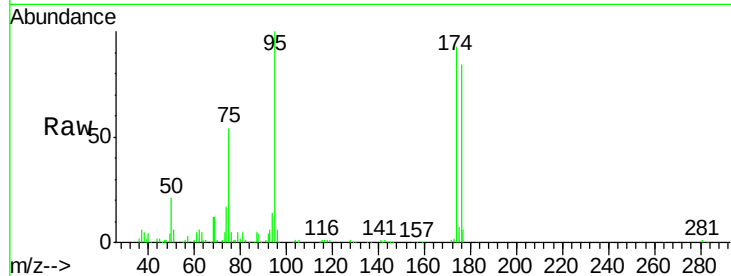
SB-2_13.0-13.5

Tgt Ion: 75 Resp: 68774

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 125.367 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064854.D

Acq: 13 Jan 2020 17:29

Tgt Ion: 75 Resp: 68774

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.1 38.3 57.5#

