

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020122\
 Data File : VD071867.D
 Acq On : 01 Feb 2022 12:50
 Operator : VA/SY
 Sample : N1340-04
 Misc : 6.50G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4(1.5-2)

Quant Time: Feb 02 07:05:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

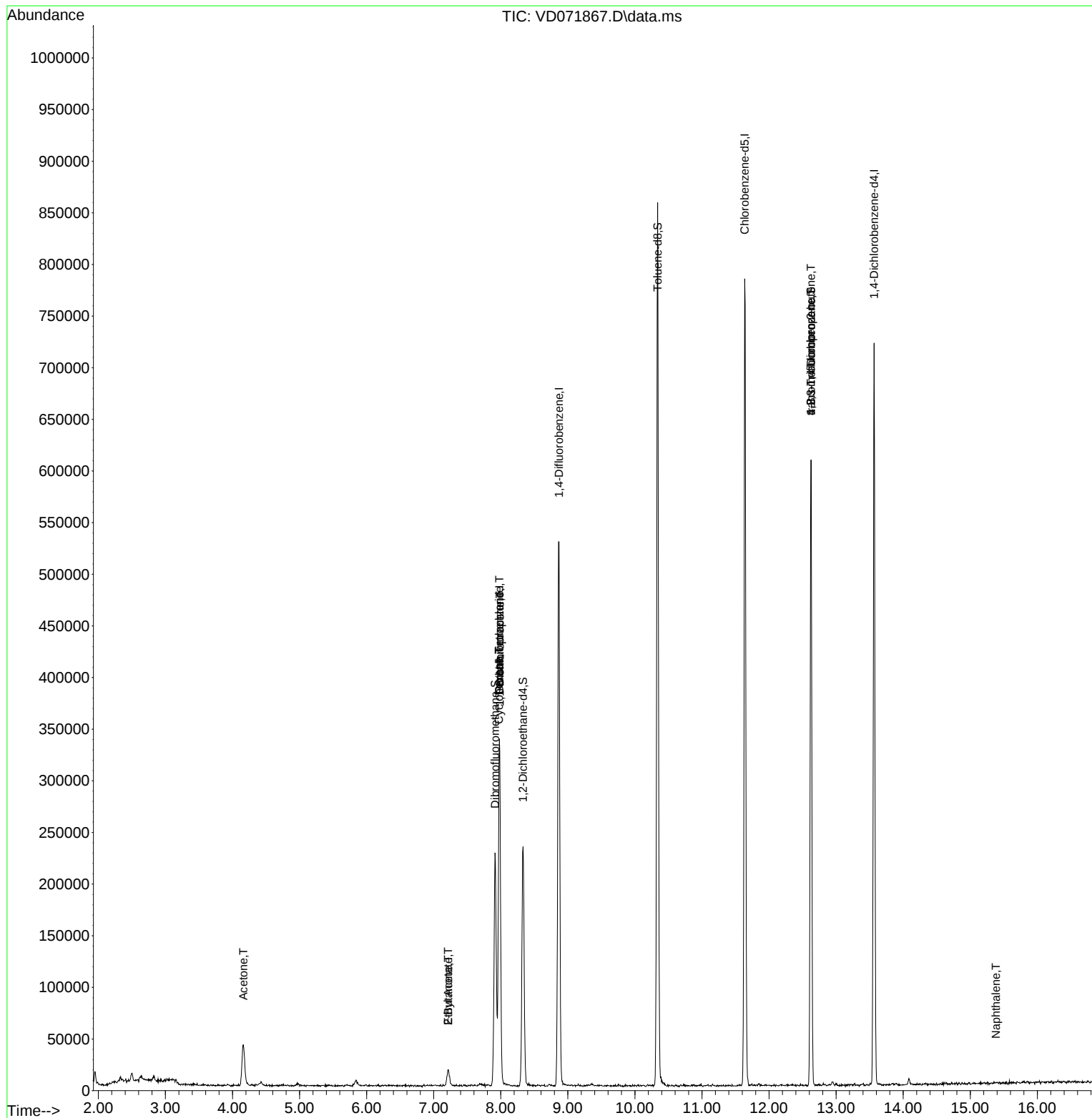
Internal Standards						
1) Pentafluorobenzene	7.979	168	232184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	427702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	421284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	174907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	193162	65.820	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 131.640%			
35) Dibromofluoromethane	7.914	113	153759	54.691	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.380%			
50) Toluene-d8	10.338	98	553021	52.670	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.340%			
62) 4-Bromofluorobenzene	12.626	95	178108	48.576	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.160%			
Target Compounds					Qvalue	
16) Acetone	4.162	43	74966	93.318	ug/l	100
20) Methylene Chloride	4.967	84	1347	Below Cal	#	77
25) 2-Butanone	7.214	43	26992	28.822	ug/l	99
31) Cyclohexane	7.973	56	7180	1.282	ug/l #	43
36) 1,1-Dichloropropene	7.985	75	22379	4.638	ug/l #	51
37) Ethyl Acetate	7.214	43	26992	12.031	ug/l #	72
38) Carbon Tetrachloride	7.979	117	25898	5.427	ug/l #	16
76) 1,2,3-Trichloropropane	12.626	75	102779	55.758	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	102779	137.096	ug/l #	7
95) Naphthalene	15.384	128	900	1.598	ug/l #	70

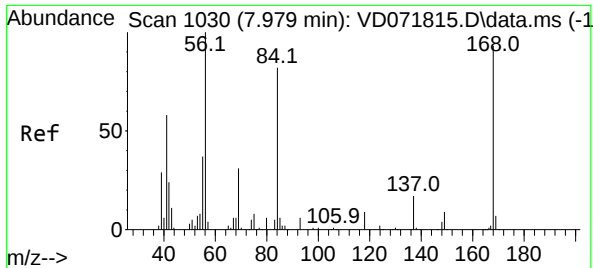
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-4(1.5-2)

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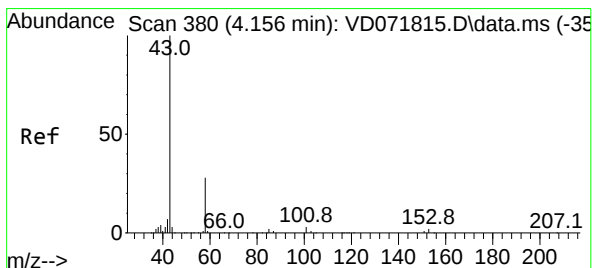
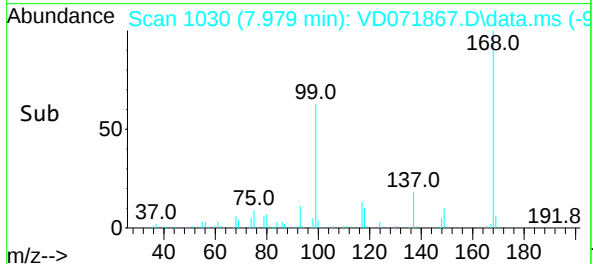
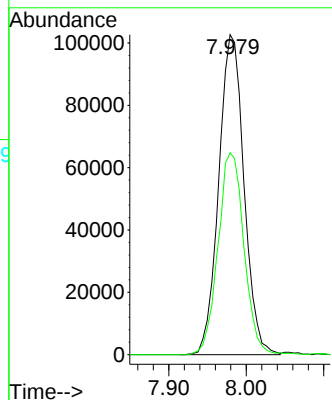
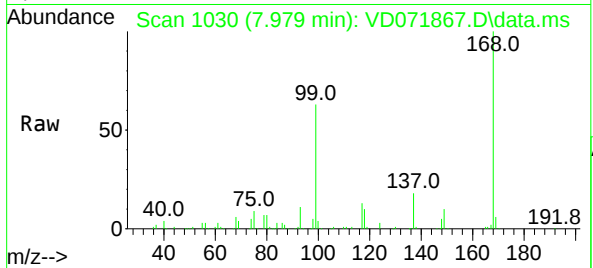




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071867.D
Acq: 01 Feb 2022 12:50

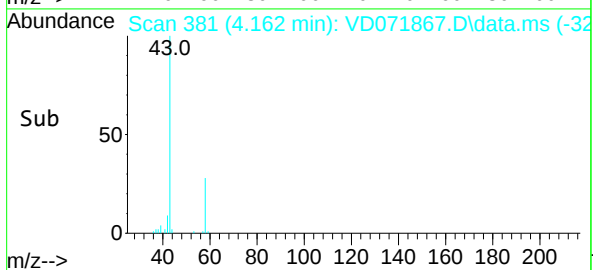
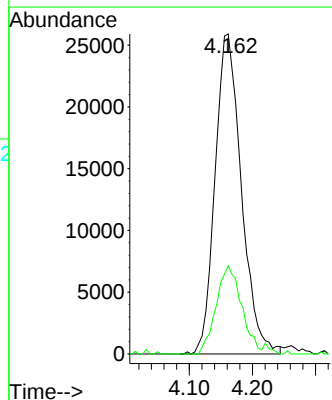
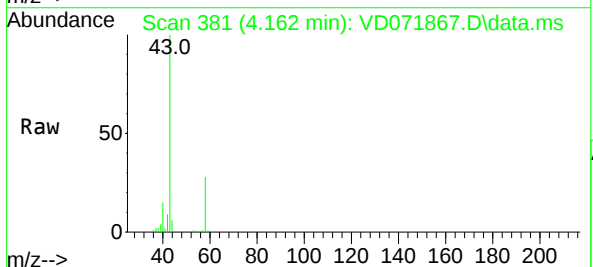
Instrument :
MSVOA_D
ClientSampleId :
SB-4(1.5-2)

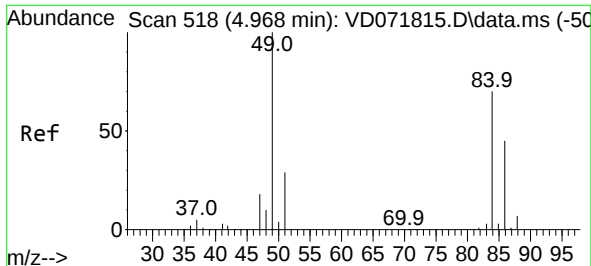
Tgt Ion:168 Resp: 232184
Ion Ratio Lower Upper
168 100
99 63.1 49.8 74.6



#16
Acetone
Concen: 93.318 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071867.D
Acq: 01 Feb 2022 12:50

Tgt Ion: 43 Resp: 74966
Ion Ratio Lower Upper
43 100
58 27.5 22.1 33.1



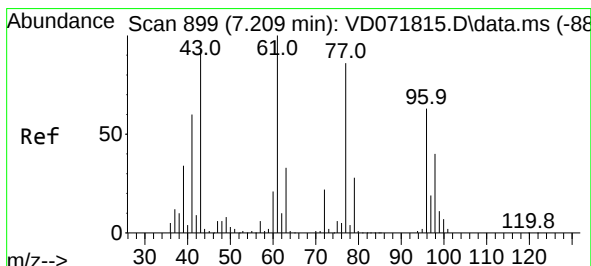
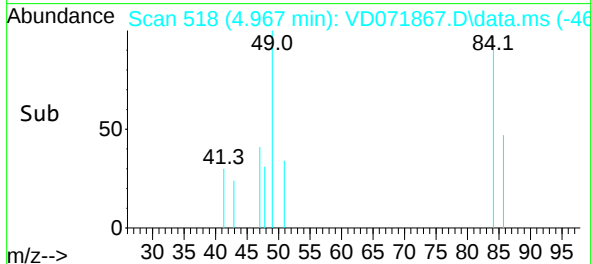
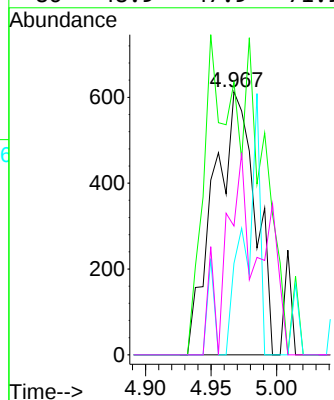
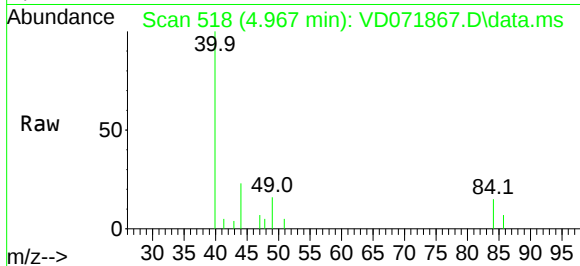


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD071867.D
Acq: 01 Feb 2022 12:50

Instrument :
MSVOA_D
ClientSampleId :
SB-4(1.5-2)

Tgt Ion: 84 Resp: 1347

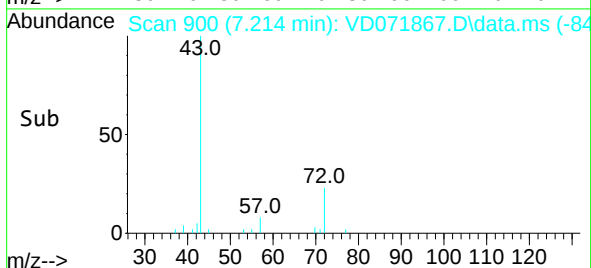
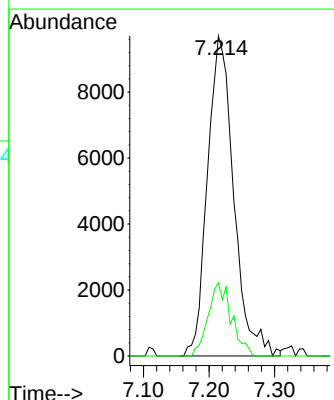
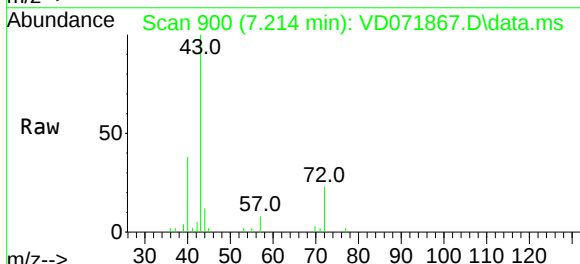
Ion	Ratio	Lower	Upper
84	100		
49	103.6	112.8	169.2#
51	34.7	32.6	48.8
86	48.9	47.9	71.9

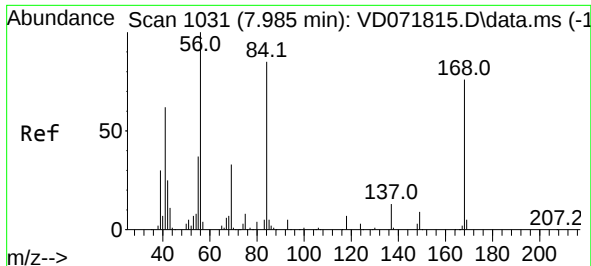


#25
2-Butanone
Concen: 28.822 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD071867.D
Acq: 01 Feb 2022 12:50

Tgt Ion: 43 Resp: 26992

Ion	Ratio	Lower	Upper
43	100		
72	22.8	18.6	27.8





#31

Cyclohexane

Concen: 1.282 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD071867.D

Acq: 01 Feb 2022 12:50

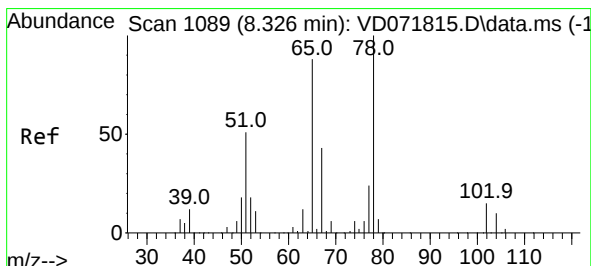
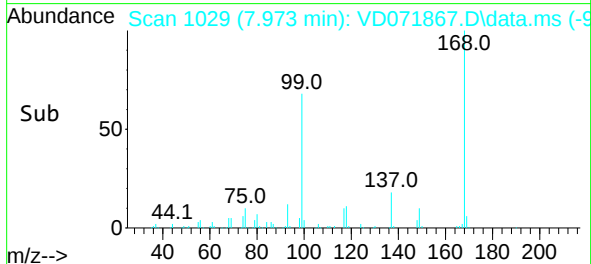
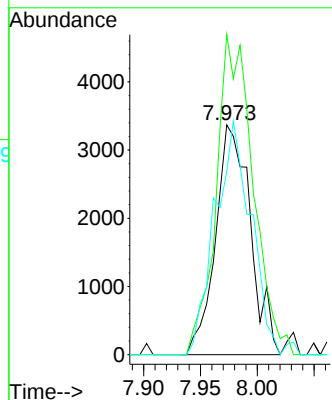
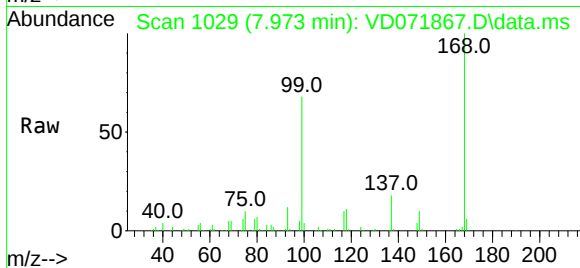
Instrument :

MSVOA_D

ClientSampleId :

SB-4(1.5-2)

Tgt Ion:	56	Resp:	7180
Ion	Ratio	Lower	Upper
56	100		
69	139.3	25.4	38.2#
84	79.8	63.0	94.4



#33

1,2-Dichloroethane-d4

Concen: 65.820 ug/l

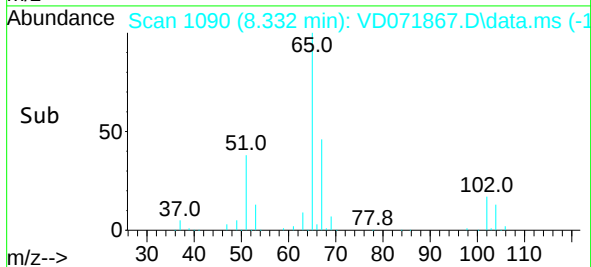
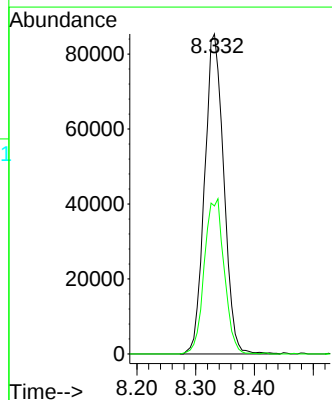
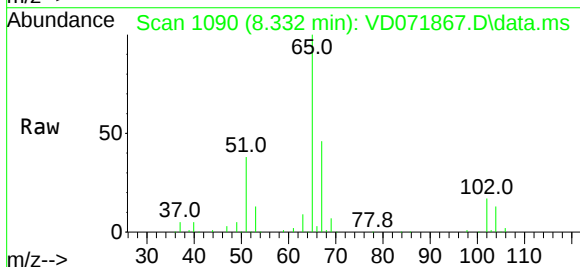
RT: 8.332 min Scan# 1090

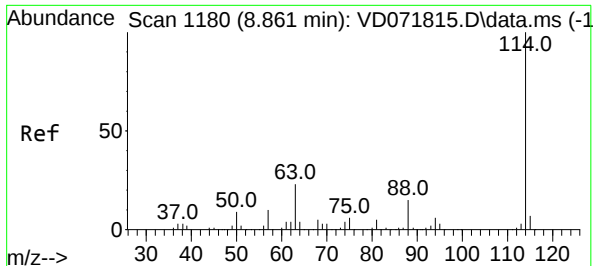
Delta R.T. 0.006 min

Lab File: VD071867.D

Acq: 01 Feb 2022 12:50

Tgt Ion:	65	Resp:	193162
Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD071867.D

Acq: 01 Feb 2022 12:50

Instrument :

MSVOA_D

ClientSampleId :

SB-4(1.5-2)

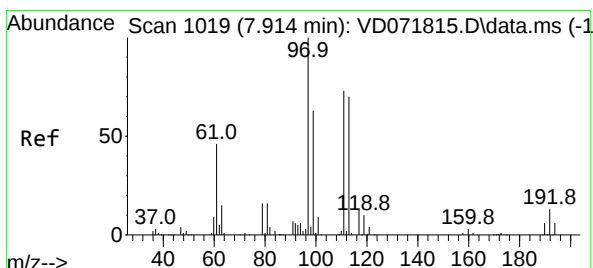
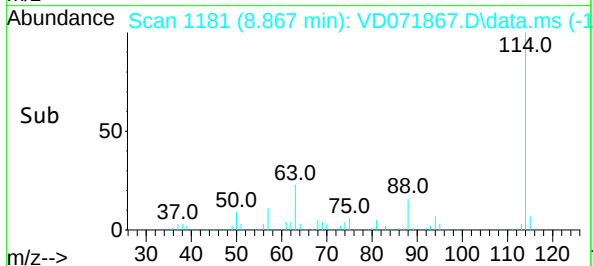
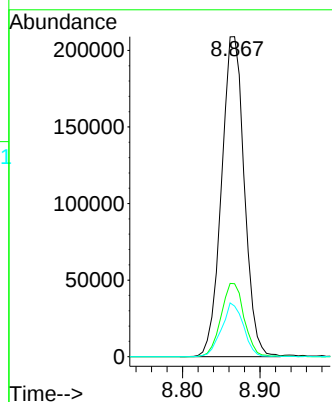
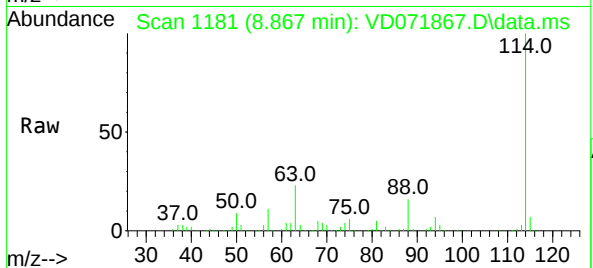
Tgt Ion:114 Resp: 427702

Ion Ratio Lower Upper

114 100

63 22.8 0.0 46.6

88 15.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 54.691 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071867.D

Acq: 01 Feb 2022 12:50

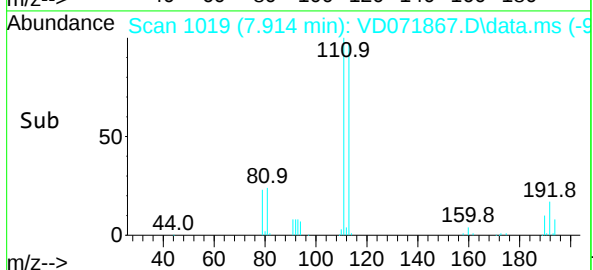
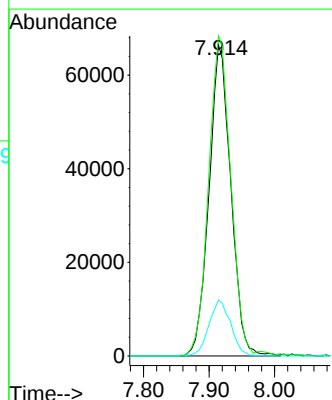
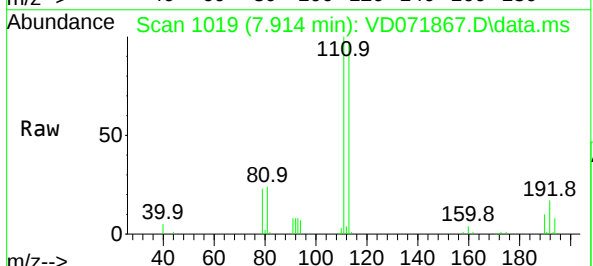
Tgt Ion:113 Resp: 153759

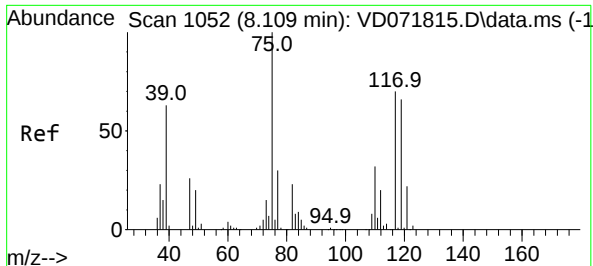
Ion Ratio Lower Upper

113 100

111 104.5 83.8 125.6

192 17.9 14.6 21.8

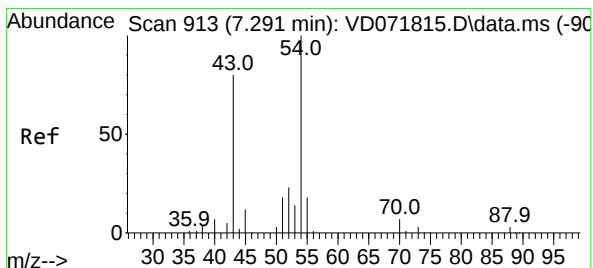
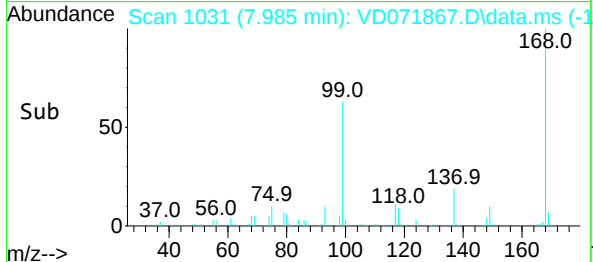
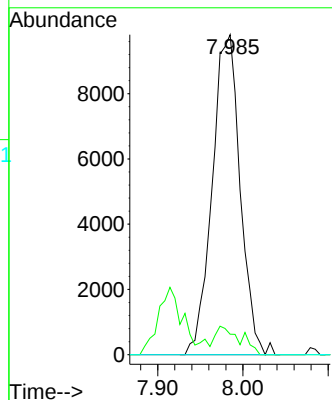
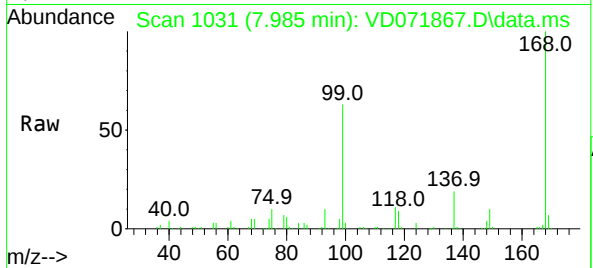




#36
1,1-Dichloropropene
Concen: 4.638 ug/l
RT: 7.985 min Scan# 1052
Delta R.T. -0.129 min
Lab File: VD071867.D
Acq: 01 Feb 2022 12:50

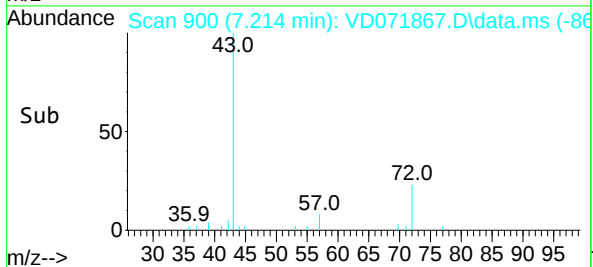
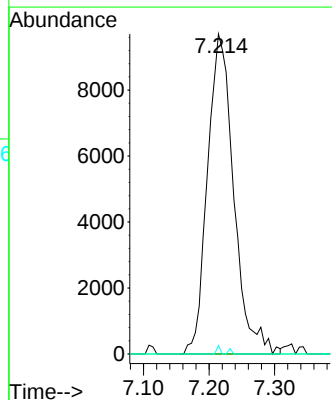
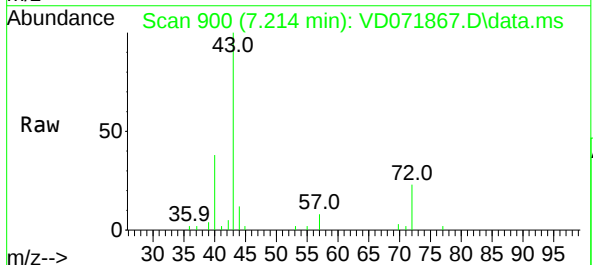
Instrument :
MSVOA_D
ClientSampleId :
SB-4(1.5-2)

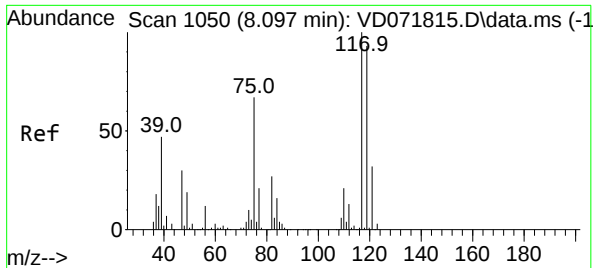
Tgt Ion: 75 Resp: 22379
Ion Ratio Lower Upper
75 100
110 9.1 16.4 49.1#
77 0.0 24.2 36.2#



#37
Ethyl Acetate
Concen: 12.031 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.082 min
Lab File: VD071867.D
Acq: 01 Feb 2022 12:50

Tgt Ion: 43 Resp: 26992
Ion Ratio Lower Upper
43 100
61 0.0 9.8 14.8#
70 0.3 6.9 10.3#

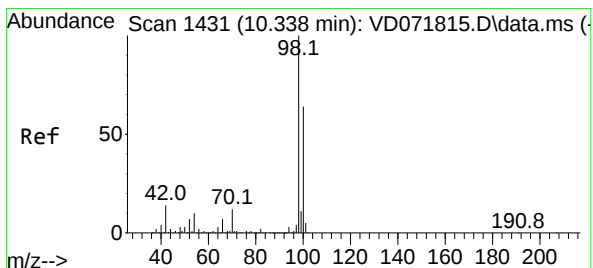
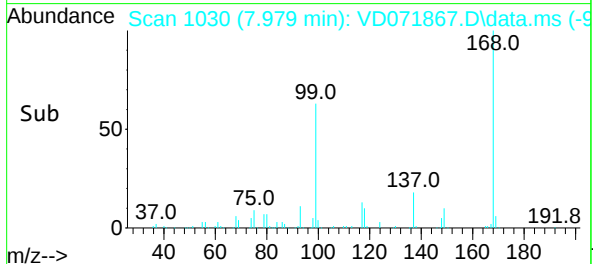
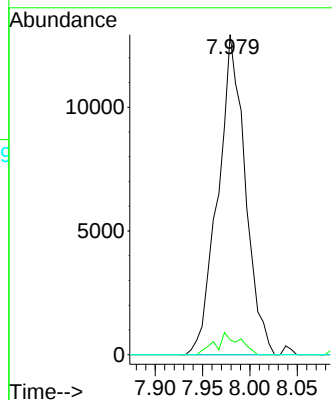
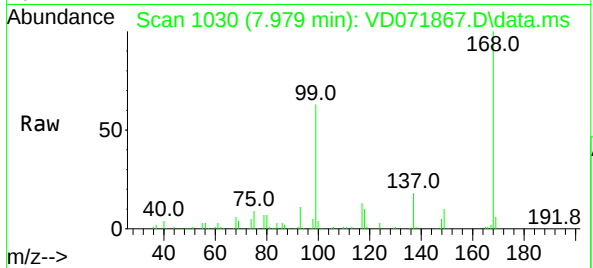




#38
Carbon Tetrachloride
Concen: 5.427 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD071867.D
Acq: 01 Feb 2022 12:50

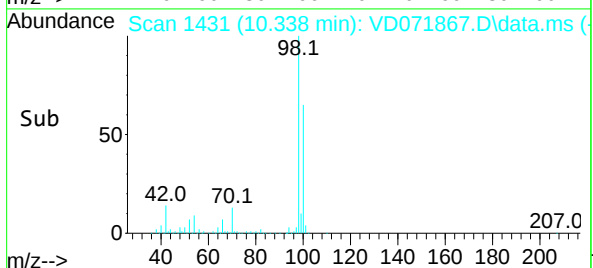
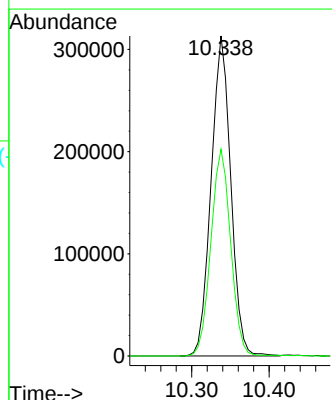
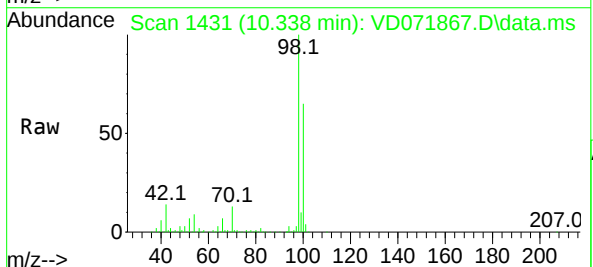
Instrument :
MSVOA_D
ClientSampleId :
SB-4(1.5-2)

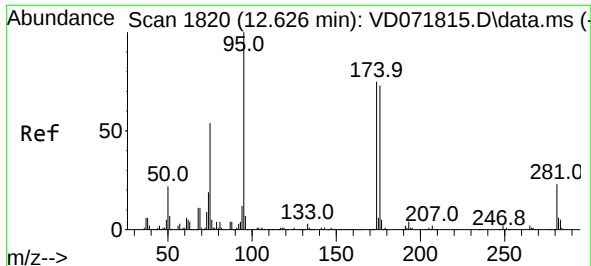
Tgt Ion:117 Resp: 25898
Ion Ratio Lower Upper
117 100
119 4.6 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 52.670 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071867.D
Acq: 01 Feb 2022 12:50

Tgt Ion: 98 Resp: 553021
Ion Ratio Lower Upper
98 100
100 64.9 52.4 78.6

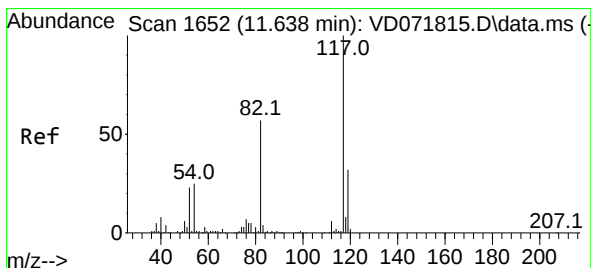
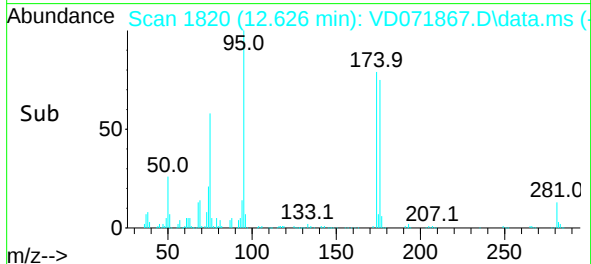
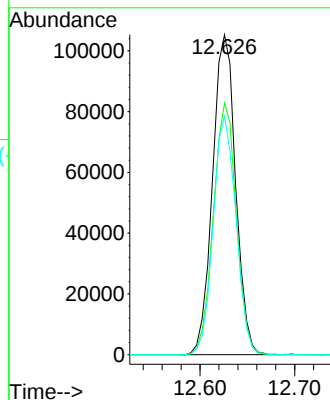
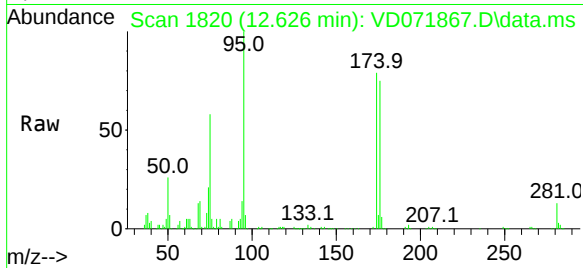




#62
4-Bromofluorobenzene
Concen: 48.576 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071867.D
Acq: 01 Feb 2022 12:50

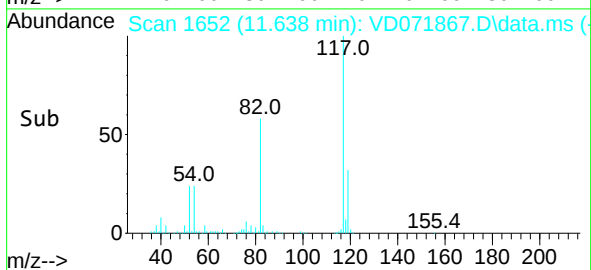
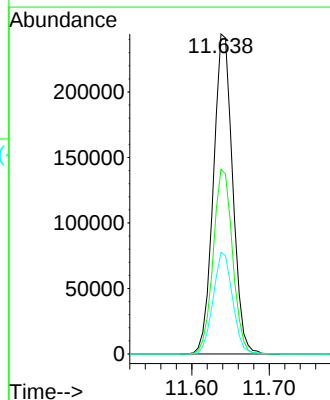
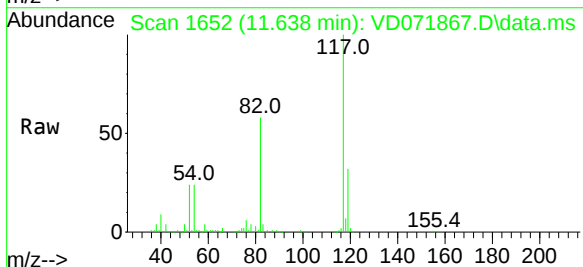
Instrument :
MSVOA_D
ClientSampleId :
SB-4(1.5-2)

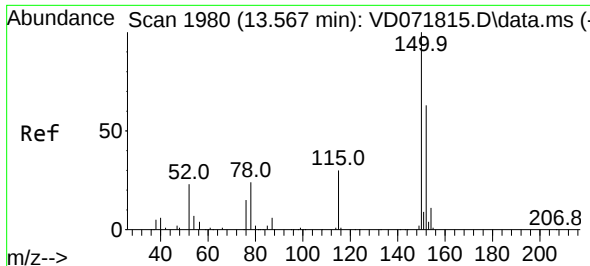
Tgt Ion: 95 Resp: 178108
Ion Ratio Lower Upper
95 100
174 78.5 0.0 152.8
176 73.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071867.D
Acq: 01 Feb 2022 12:50

Tgt Ion: 117 Resp: 421284
Ion Ratio Lower Upper
117 100
82 57.7 45.3 67.9
119 31.8 26.6 40.0

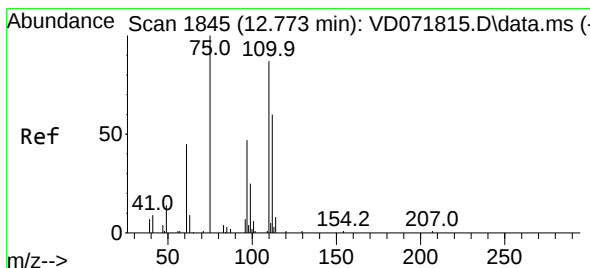
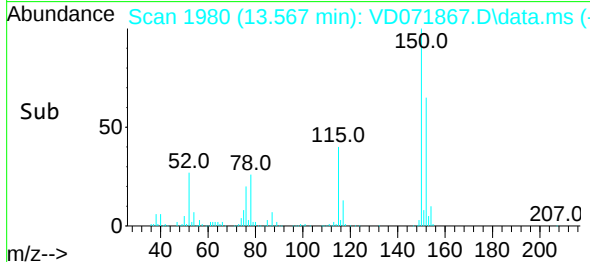
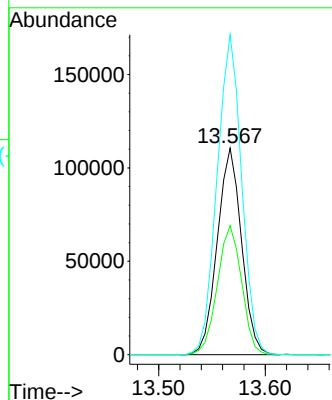
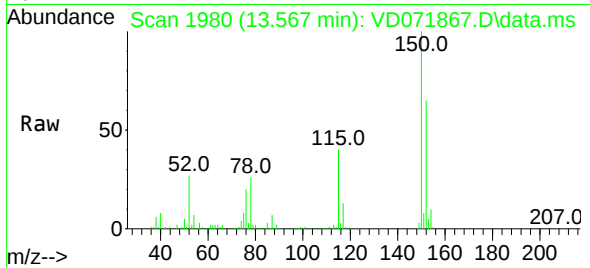




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD071867.D
 Acq: 01 Feb 2022 12:50

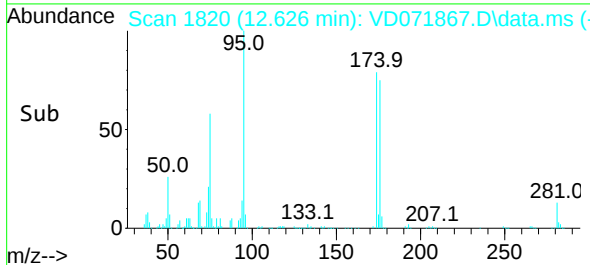
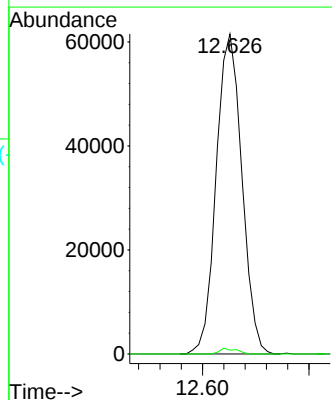
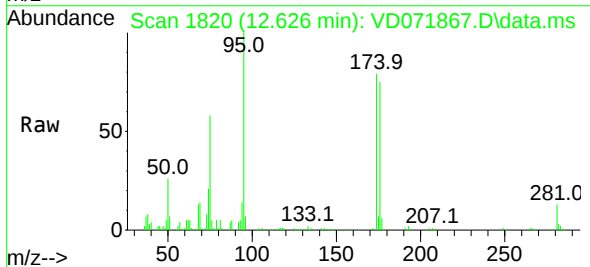
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4(1.5-2)

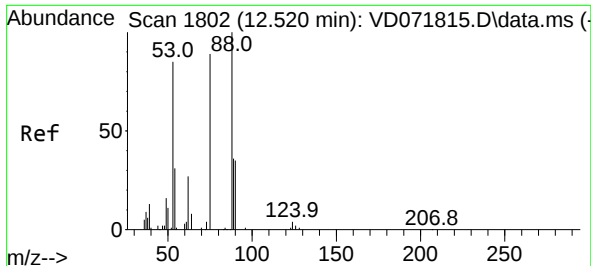
Tgt Ion:152 Resp: 174907
 Ion Ratio Lower Upper
 152 100
 115 62.3 31.3 93.8
 150 156.8 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 55.758 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD071867.D
 Acq: 01 Feb 2022 12:50

Tgt Ion: 75 Resp: 102779
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

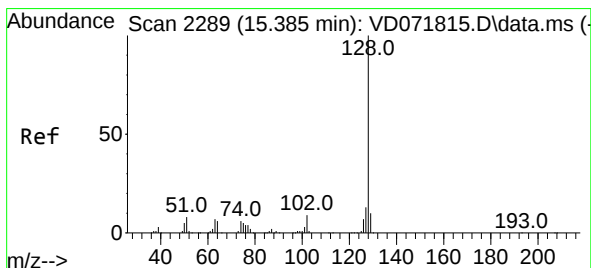
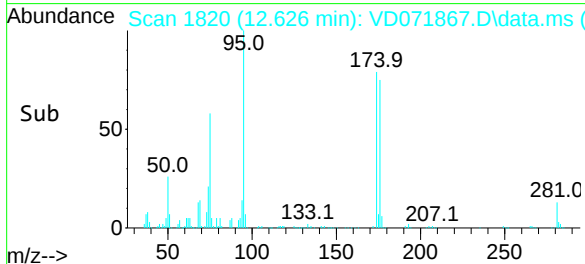
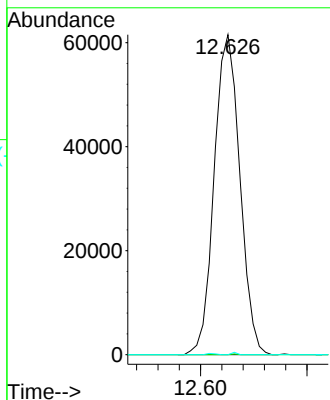
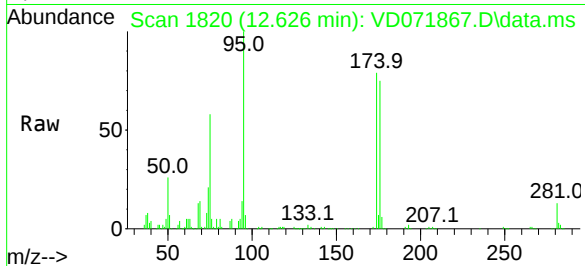




#81
trans-1,4-Dichloro-2-butene
Concen: 137.096 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD071867.D
Acq: 01 Feb 2022 12:50

Instrument :
MSVOA_D
ClientSampleId :
SB-4(1.5-2)

Tgt Ion: 75 Resp: 102779
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.2 33.9 50.9#



#95
Naphthalene
Concen: 1.598 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD071867.D
Acq: 01 Feb 2022 12:50

Tgt Ion:128 Resp: 900
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

