

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072292.D
 Acq On : 18 Mar 2022 16:16
 Operator : VA/SY
 Sample : N1995-07
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-08-4.5-5.0

Quant Time: Mar 19 05:25:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

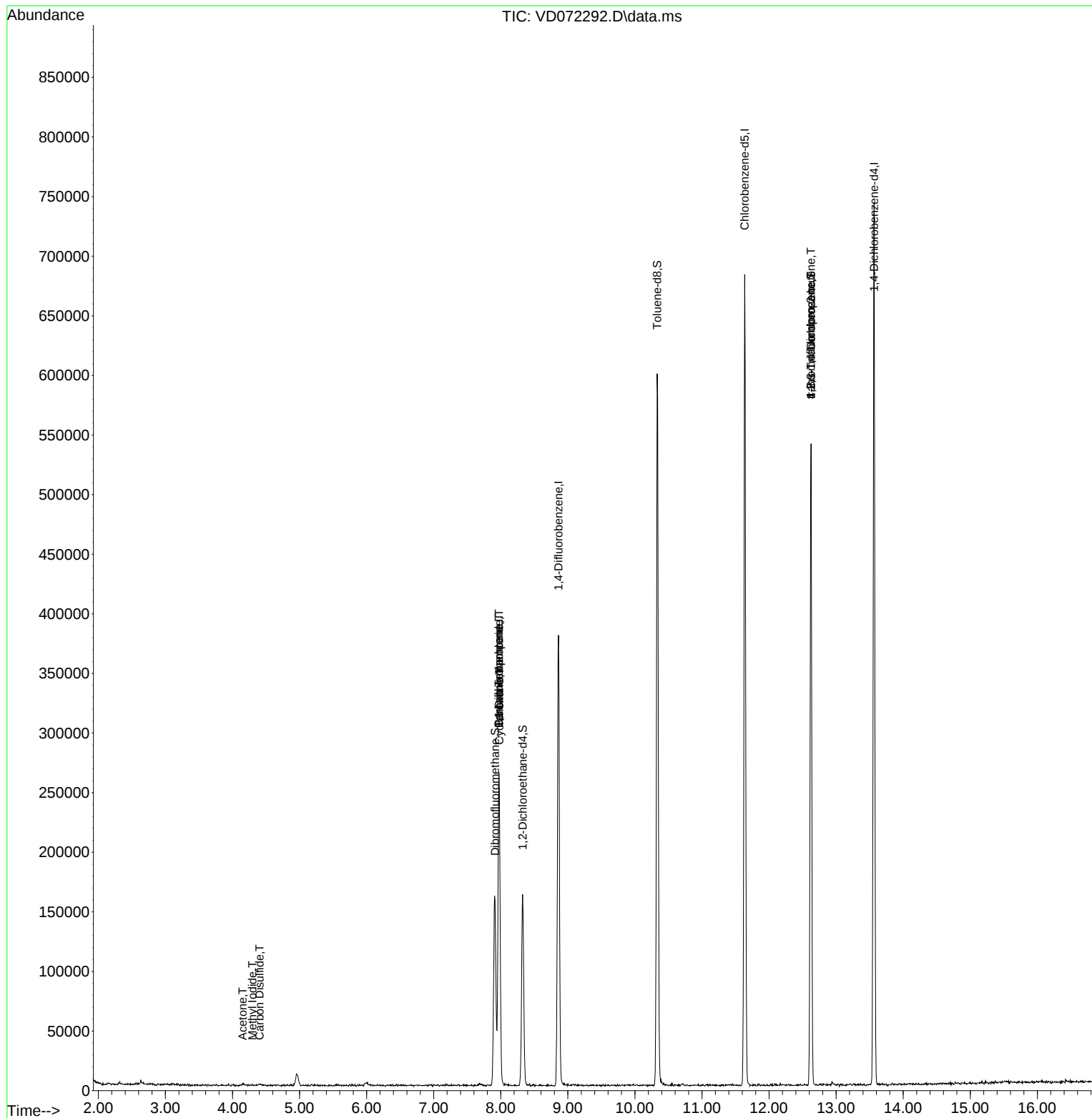
Internal Standards						
1) Pentafluorobenzene	7.973	168	189099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	316322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	383383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	192213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	126993	60.260	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 120.520%	
35) Dibromofluoromethane	7.914	113	115616	51.939	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 103.880%	
50) Toluene-d8	10.332	98	411873	50.603	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140		Recovery	= 101.200%	
62) 4-Bromofluorobenzene	12.626	95	179114	56.636	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144		Recovery	= 113.280%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	682	2.563	ug/l #	47
16) Acetone	4.150	43	970	2.120	ug/l	90
17) Carbon Disulfide	4.402	76	1358	1.825	ug/l #	74
20) Methylene Chloride	4.949	84	7636	Below Cal	#	75
31) Cyclohexane	7.979	56	4826	1.466	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	15267	4.889	ug/l #	51
38) Carbon Tetrachloride	7.973	117	19769	5.569	ug/l #	15
76) 1,2,3-Trichloropropane	12.626	75	91323	43.071	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	91323	106.864	ug/l #	7

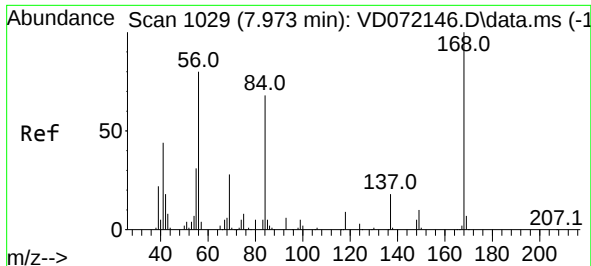
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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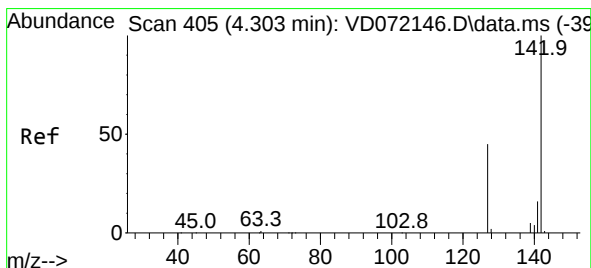
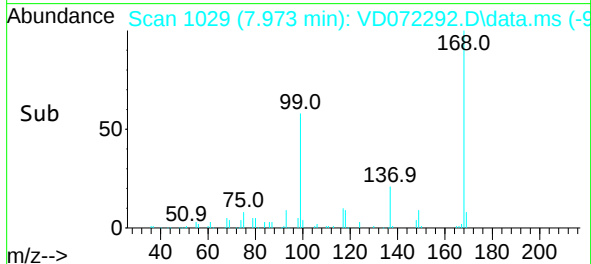
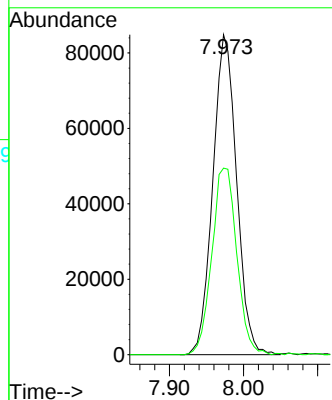
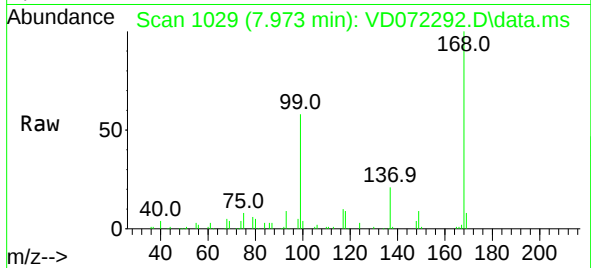




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD072292.D
Acq: 18 Mar 2022 16:16

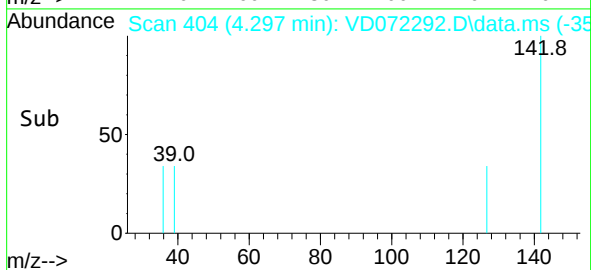
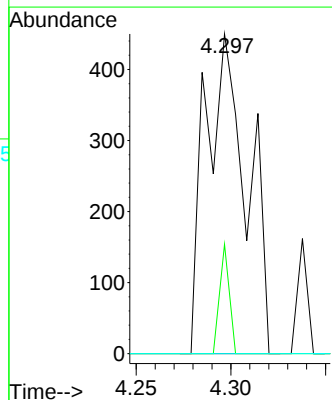
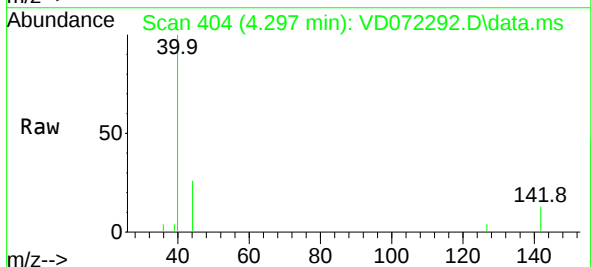
Instrument :
MSVOA_D
ClientSampleId :
SB-08-4.5-5.0

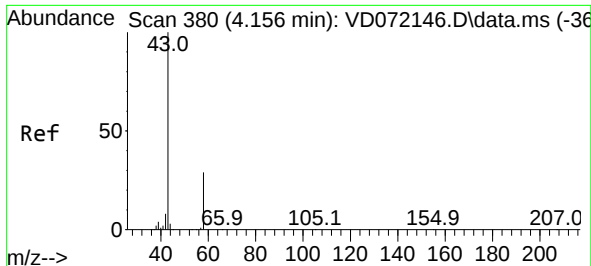
Tgt Ion:168 Resp: 189099
Ion Ratio Lower Upper
168 100
99 58.3 49.8 74.6



#10
Methyl Iodide
Concen: 2.563 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072292.D
Acq: 18 Mar 2022 16:16

Tgt Ion:142 Resp: 682
Ion Ratio Lower Upper
142 100
127 7.9 37.3 55.9#
141 0.0 11.7 17.5#

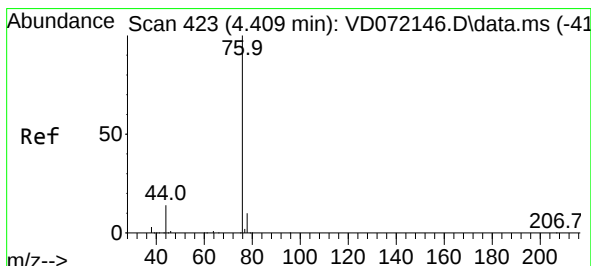
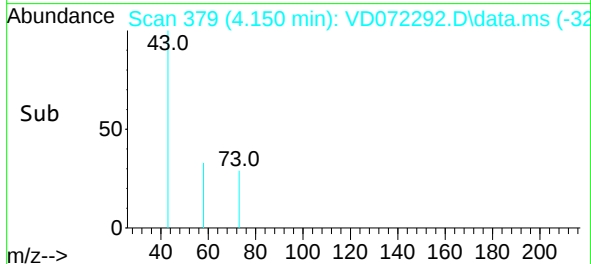
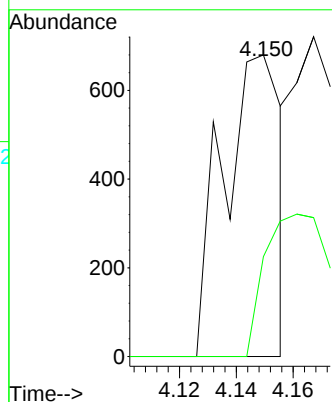
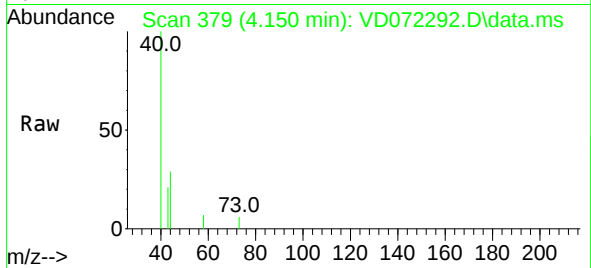




#16
Acetone
Concen: 2.120 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD072292.D
Acq: 18 Mar 2022 16:16

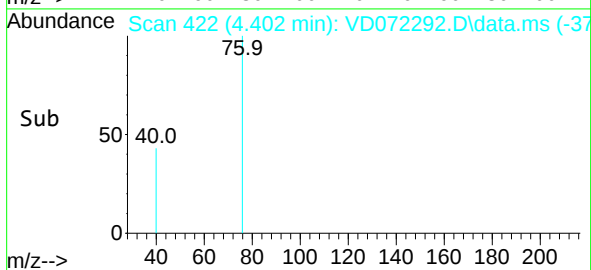
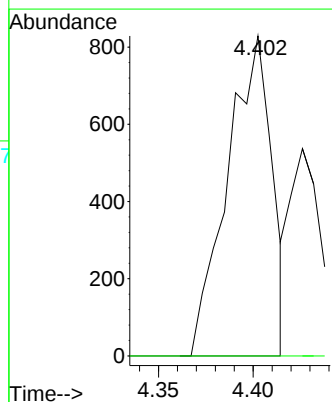
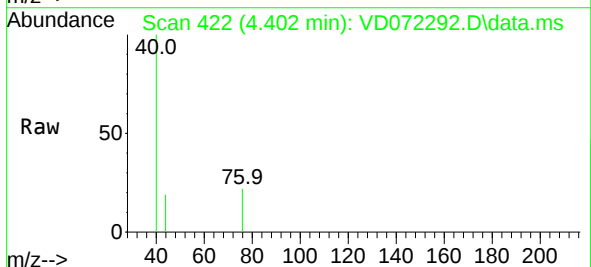
Instrument :
MSVOA_D
ClientSampleId :
SB-08-4.5-5.0

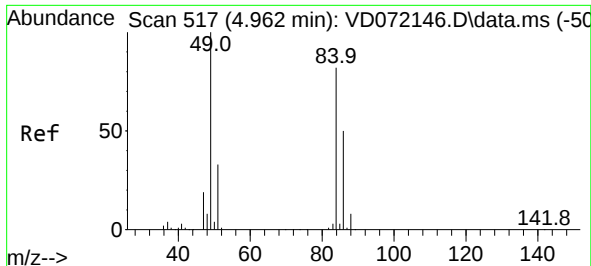
Tgt Ion: 43 Resp: 970
Ion Ratio Lower Upper
43 100
58 33.1 22.1 33.1



#17
Carbon Disulfide
Concen: 1.825 ug/l
RT: 4.402 min Scan# 422
Delta R.T. -0.007 min
Lab File: VD072292.D
Acq: 18 Mar 2022 16:16

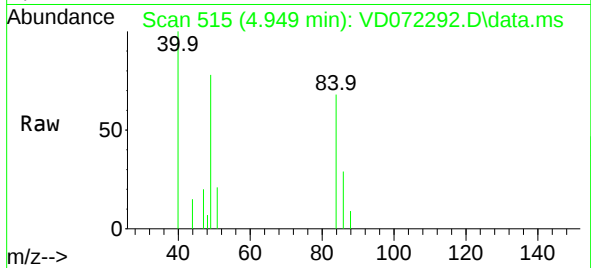
Tgt Ion: 76 Resp: 1358
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



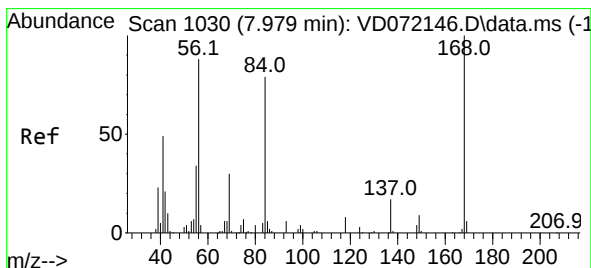
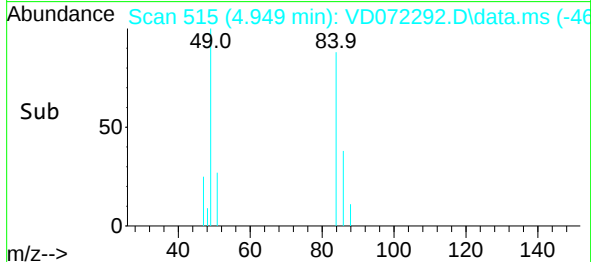
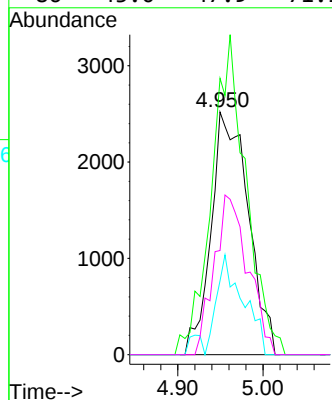


#20
Methylene Chloride
Concen: Below Cal
RT: 4.949 min Scan# 517
Delta R.T. -0.013 min
Lab File: VD072292.D
Acq: 18 Mar 2022 16:16

Instrument :
MSVOA_D
ClientSampleId :
SB-08-4.5-5.0

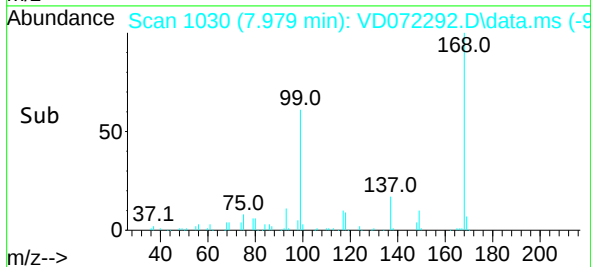
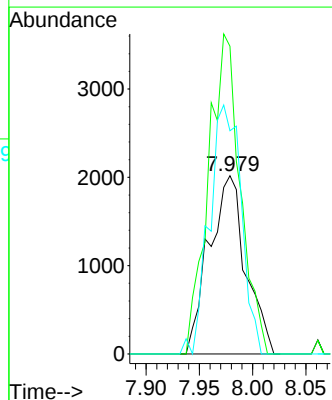
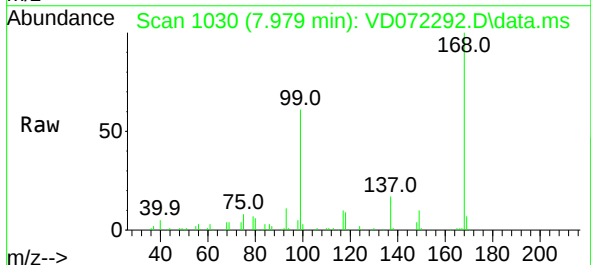


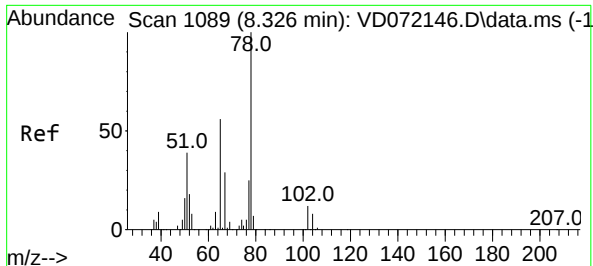
Tgt Ion:	84	Resp:	7636
Ion	Ratio	Lower	Upper
84	100		
49	107.1	112.8	169.2#
51	30.5	32.6	48.8#
86	43.0	47.9	71.9#



#31
Cyclohexane
Concen: 1.466 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072292.D
Acq: 18 Mar 2022 16:16

Tgt Ion:	56	Resp:	4826
Ion	Ratio	Lower	Upper
56	100		
69	172.6	25.4	38.2#
84	125.2	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 60.260 ug/l

RT: 8.326 min Scan# 110

Delta R.T. -0.000 min

Lab File: VD072292.D

Acq: 18 Mar 2022 16:16

Instrument :

MSVOA_D

ClientSampleId :

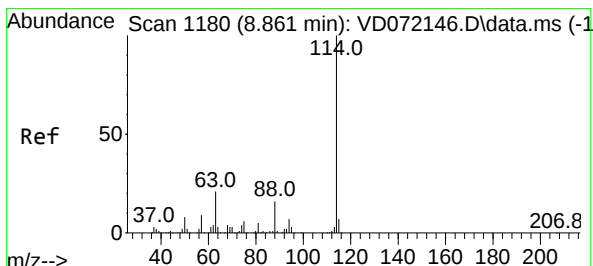
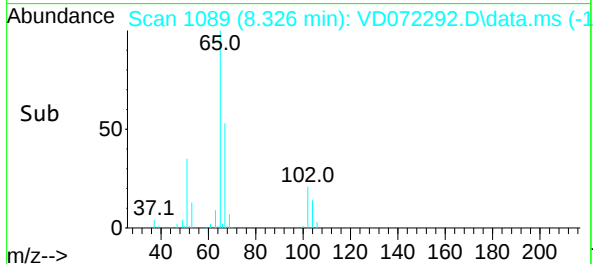
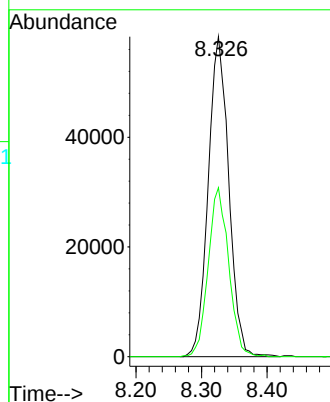
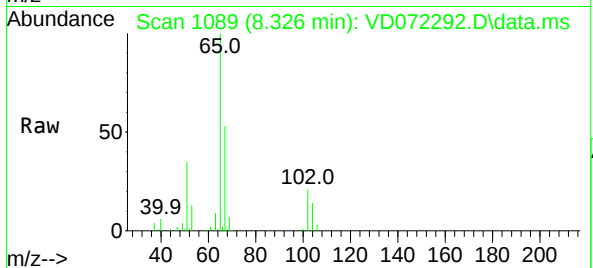
SB-08-4.5-5.0

Tgt Ion: 65 Resp: 126993

Ion Ratio Lower Upper

65 100

67 52.8 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072292.D

Acq: 18 Mar 2022 16:16

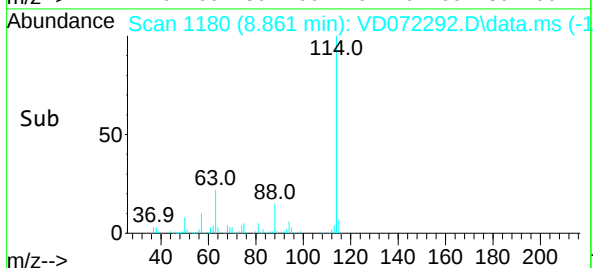
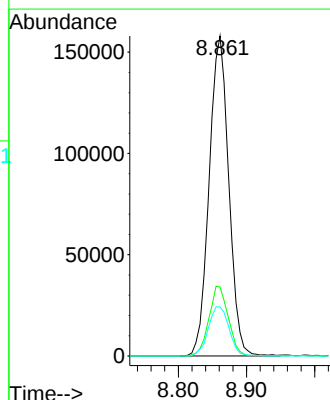
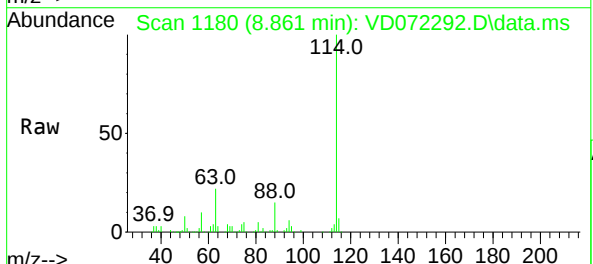
Tgt Ion: 114 Resp: 316322

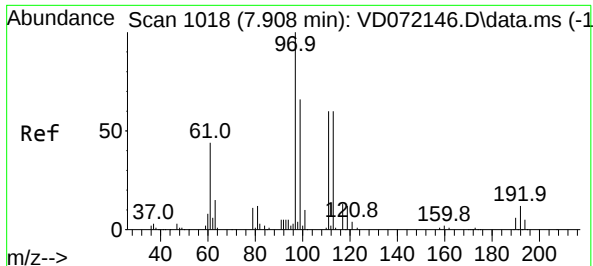
Ion Ratio Lower Upper

114 100

63 21.6 0.0 46.6

88 15.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.939 ug/l

RT: 7.914 min Scan# 1018

Delta R.T. 0.006 min

Lab File: VD072292.D

Acq: 18 Mar 2022 16:16

Instrument :

MSVOA_D

ClientSampleId :

SB-08-4.5-5.0

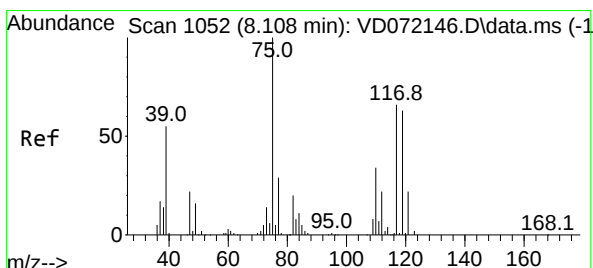
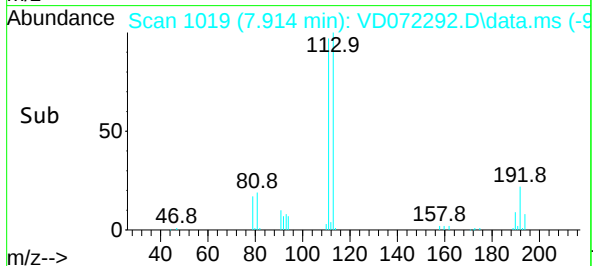
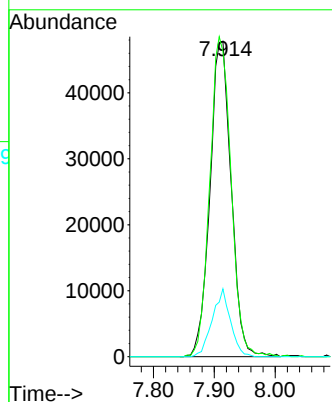
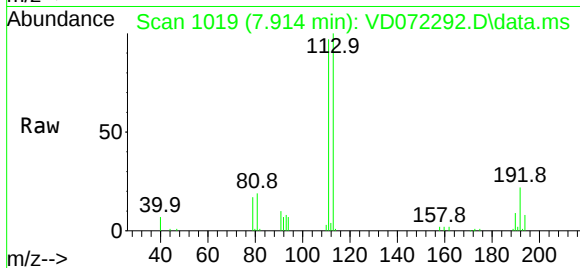
Tgt Ion:113 Resp: 115616

Ion Ratio Lower Upper

113 100

111 101.9 83.8 125.6

192 18.5 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.889 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.136 min

Lab File: VD072292.D

Acq: 18 Mar 2022 16:16

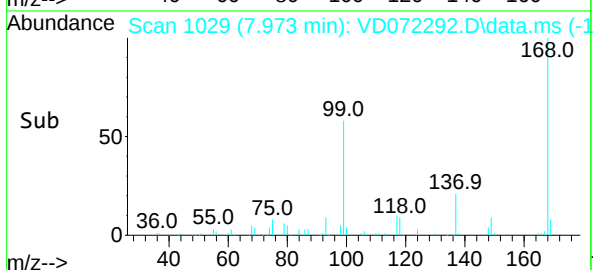
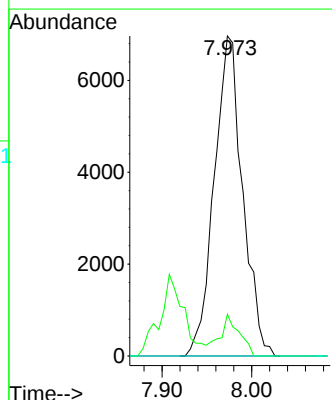
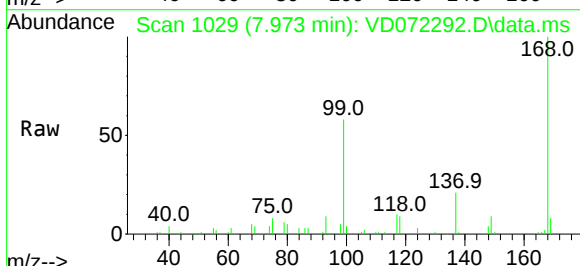
Tgt Ion: 75 Resp: 15267

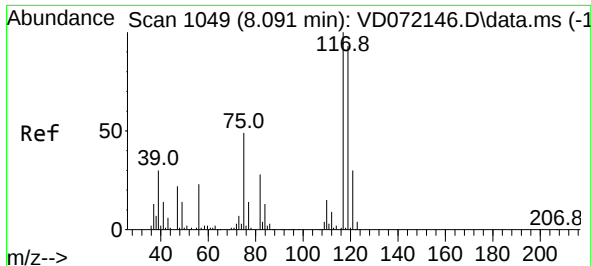
Ion Ratio Lower Upper

75 100

110 8.9 16.4 49.1#

77 0.0 24.2 36.2#

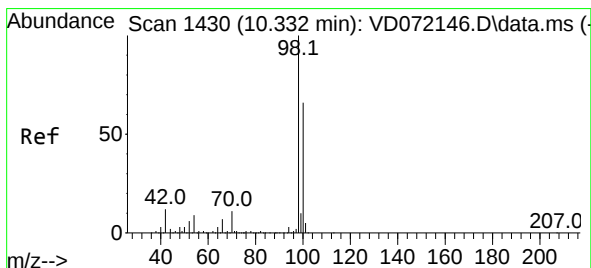
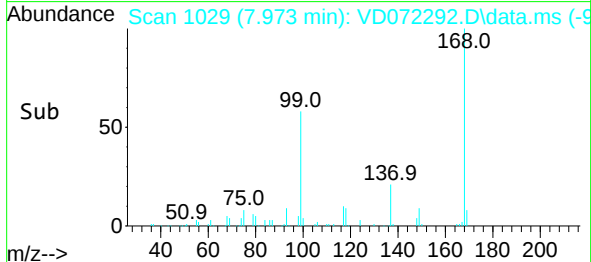
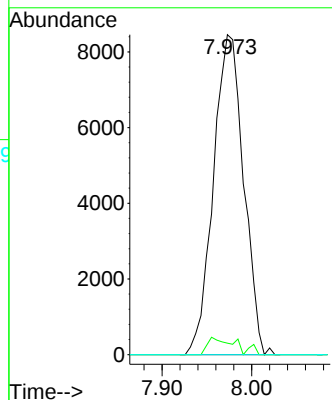
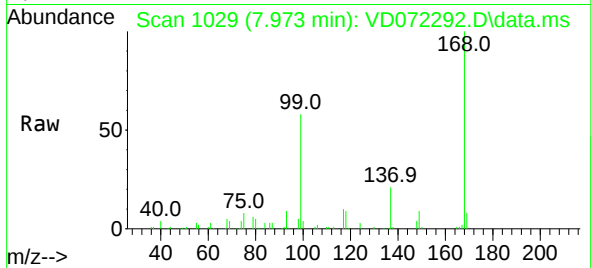




#38
Carbon Tetrachloride
Concen: 5.569 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD072292.D
Acq: 18 Mar 2022 16:16

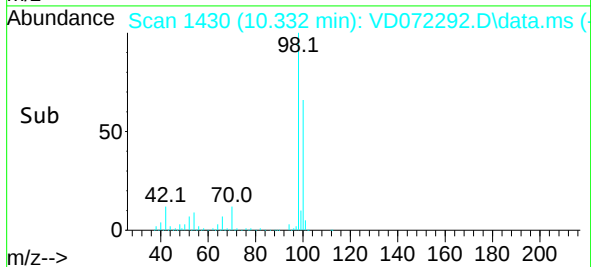
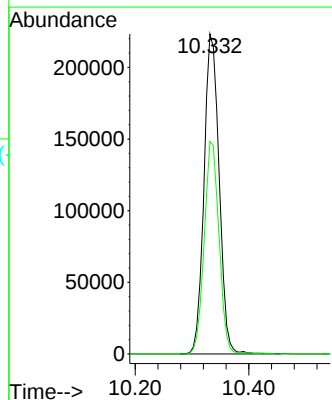
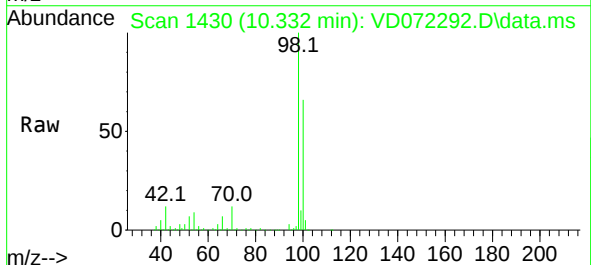
Instrument :
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SB-08-4.5-5.0

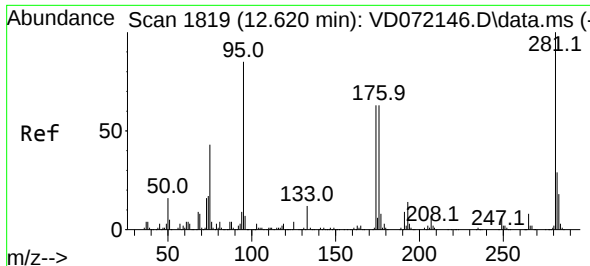
Tgt Ion:117 Resp: 19769
Ion Ratio Lower Upper
117 100
119 3.6 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 50.603 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072292.D
Acq: 18 Mar 2022 16:16

Tgt Ion: 98 Resp: 411873
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6

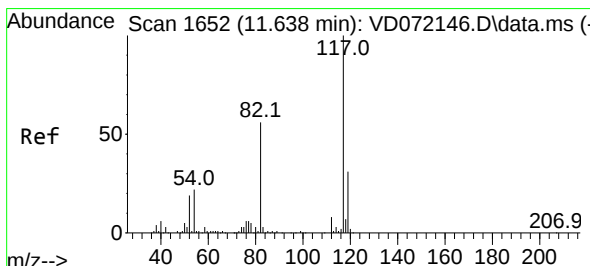
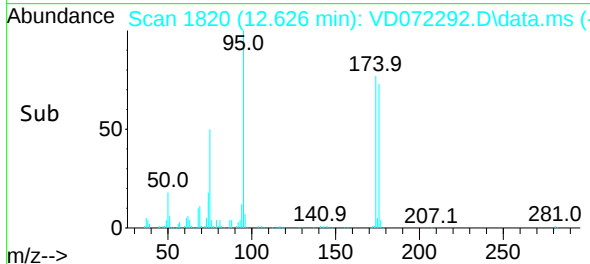
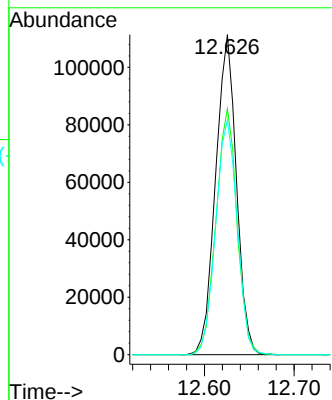
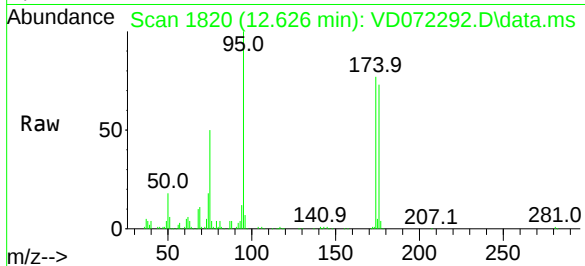




#62
4-Bromofluorobenzene
Concen: 56.636 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072292.D
Acq: 18 Mar 2022 16:16

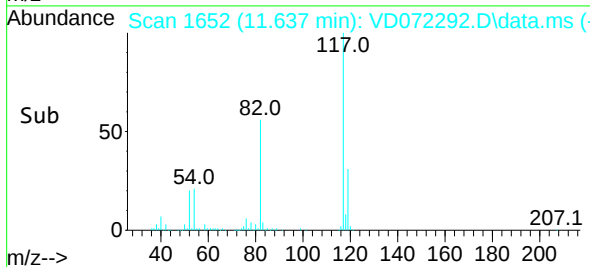
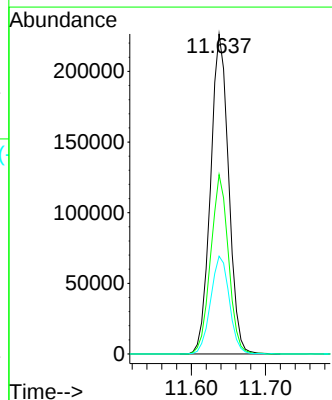
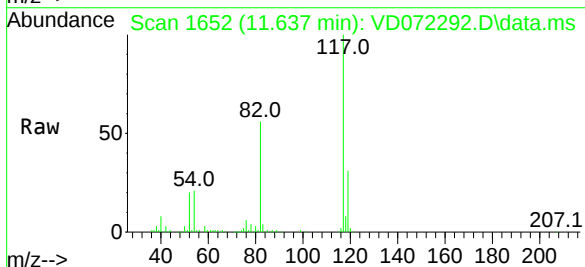
Instrument :
MSVOA_D
ClientSampleId :
SB-08-4.5-5.0

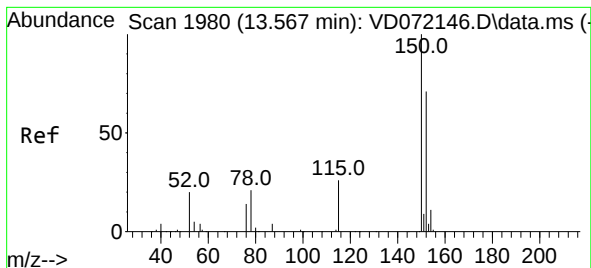
Tgt Ion: 95 Resp: 179114
Ion Ratio Lower Upper
95 100
174 78.0 0.0 152.8
176 75.9 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072292.D
Acq: 18 Mar 2022 16:16

Tgt Ion: 117 Resp: 383383
Ion Ratio Lower Upper
117 100
82 56.0 45.3 67.9
119 30.5 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: VD072292.D

Acq: 18 Mar 2022 16:16

Instrument :

MSVOA_D

ClientSampleId :

SB-08-4.5-5.0

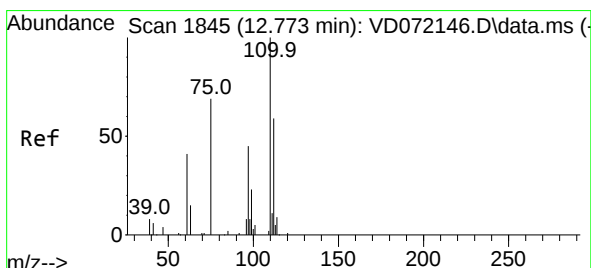
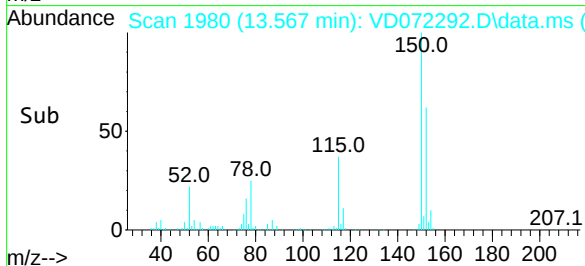
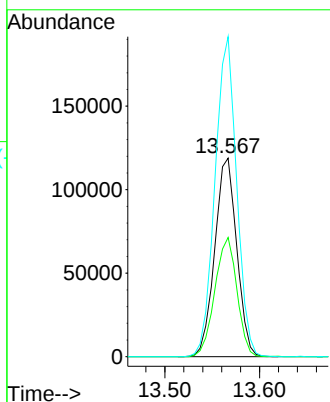
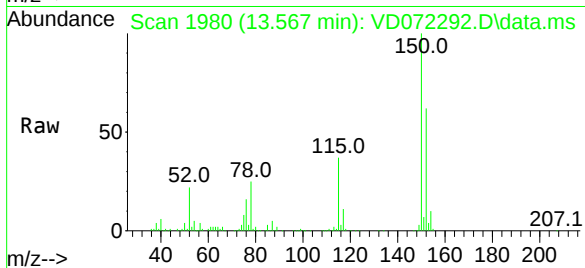
Tgt Ion:152 Resp: 192213

Ion Ratio Lower Upper

152 100

115 60.2 31.3 93.8

150 158.1 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 43.071 ug/l

RT: 12.626 min Scan# 1820

Delta R.T. -0.147 min

Lab File: VD072292.D

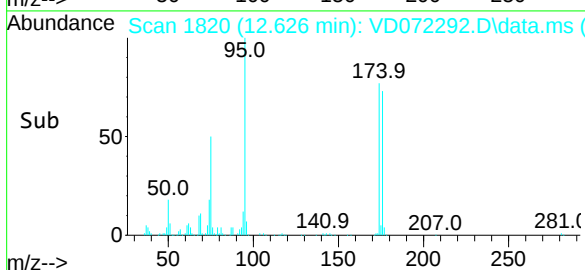
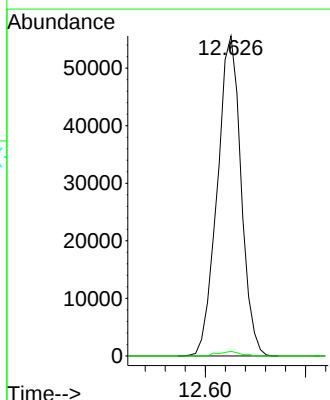
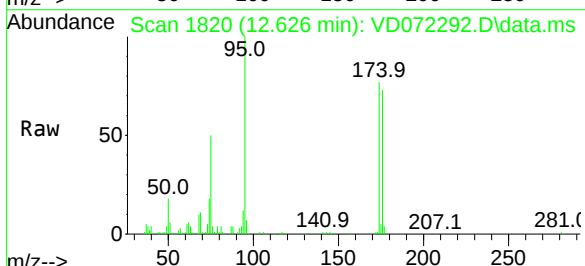
Acq: 18 Mar 2022 16:16

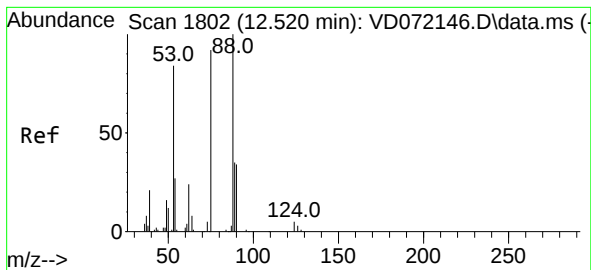
Tgt Ion: 75 Resp: 91323

Ion Ratio Lower Upper

75 100

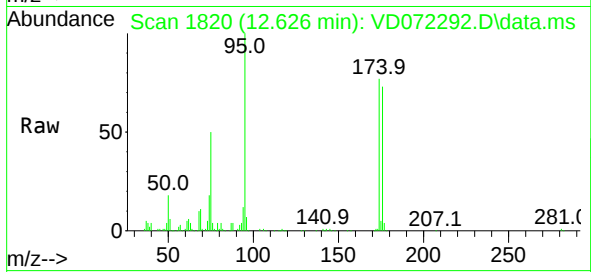
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.864 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072292.D
 Acq: 18 Mar 2022 16:16

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-08-4.5-5.0



Tgt Ion: 75 Resp: 91323
 Ion Ratio Lower Upper
 75 100
 53 0.2 86.5 129.7#
 89 0.0 33.9 50.9#

