

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031422\
 Data File : VD072173.D
 Acq On : 14 Mar 2022 17:54
 Operator : VA/SY
 Sample : N1936-01
 Misc : 3.28G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TT-148-IDWSO-20220311-1

Quant Time: Mar 15 01:25:23 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)

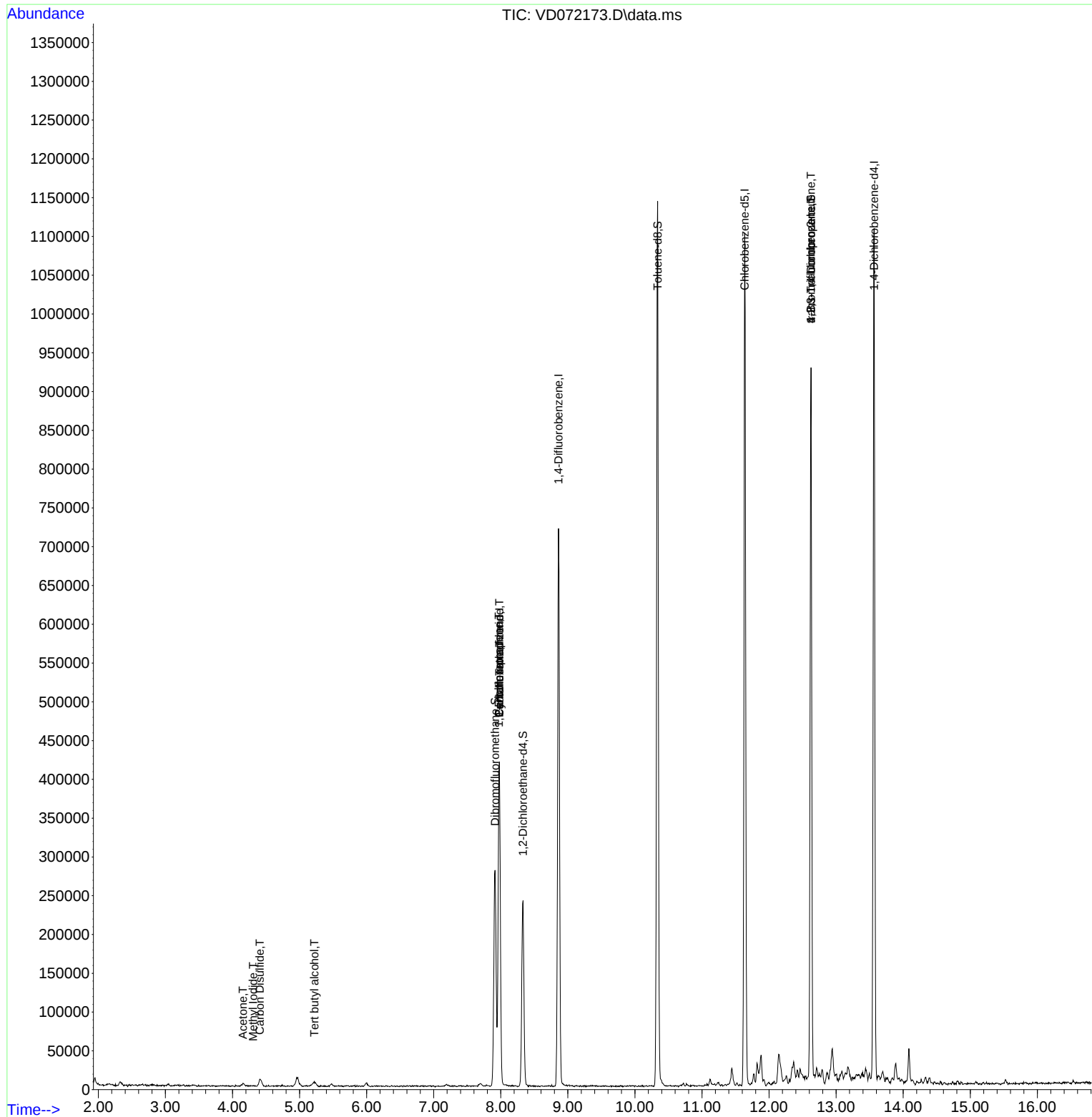
Internal Standards						
1) Pentafluorobenzene	7.979	168	306628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	601301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	624702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	290421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	196757	57.578	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	115.160%		
35) Dibromofluoromethane	7.914	113	205547	48.577	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.160%		
50) Toluene-d8	10.338	98	768113	49.645	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.280%		
62) 4-Bromofluorobenzene	12.626	95	299259	49.779	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.560%		
Target Compounds						Qvalue
10) Methyl Iodide	4.309	142	555	2.396	ug/l #	73
11) Tert butyl alcohol	5.220	59	10011	50.527	ug/l #	87
16) Acetone	4.156	43	6033	8.131	ug/l #	78
17) Carbon Disulfide	4.409	76	21098	4.614	ug/l	98
20) Methylene Chloride	4.967	84	8923	Below Cal	#	72
31) Cyclohexane	7.979	56	7558	1.416	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	24864	4.189	ug/l #	52
38) Carbon Tetrachloride	7.979	117	32324	4.790	ug/l #	17
76) 1,2,3-Trichloropropane	12.626	75	153776	48.001	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	153776	119.095	ug/l #	7

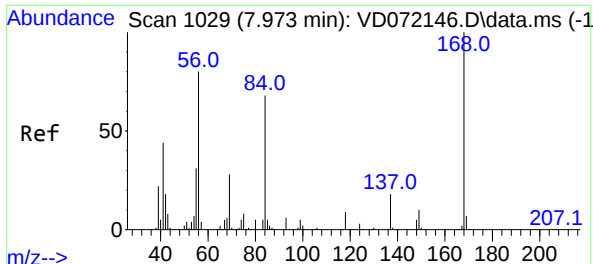
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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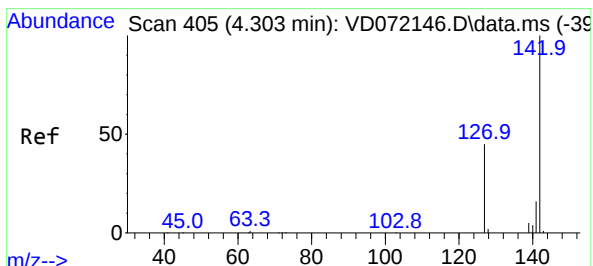
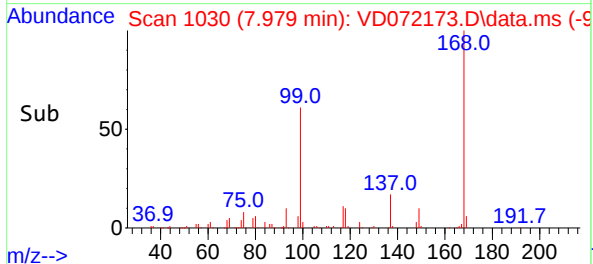
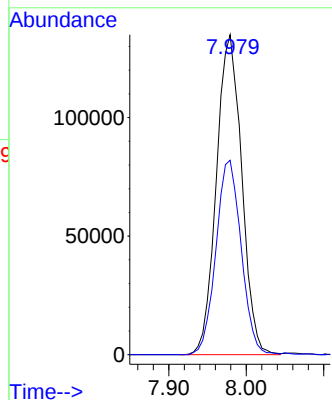
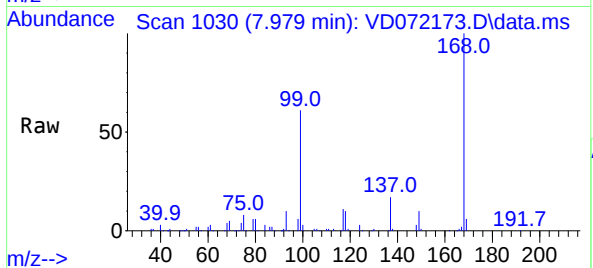




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072173.D
Acq: 14 Mar 2022 17:54

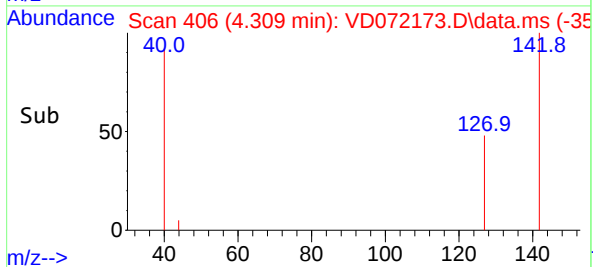
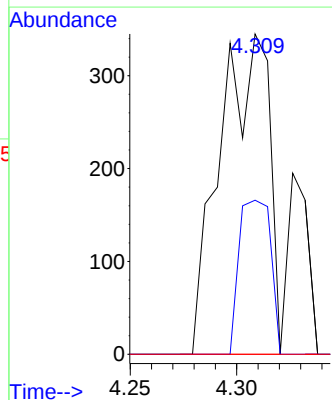
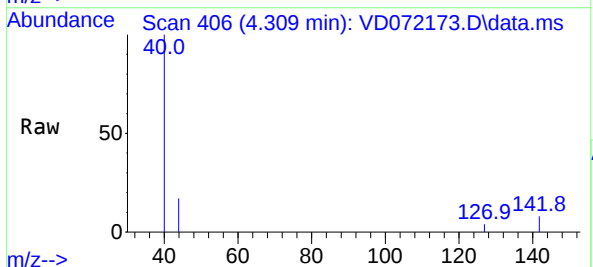
Instrument :
MSVOA_D
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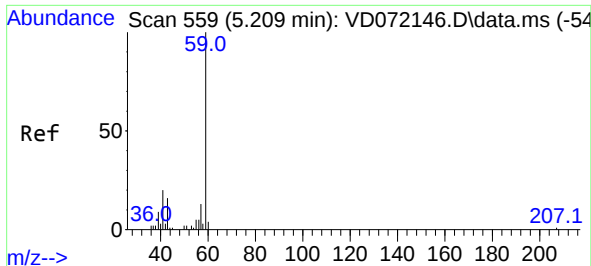
Tgt Ion:168 Resp: 306628
Ion Ratio Lower Upper
168 100
99 60.8 49.8 74.6



#10
Methyl Iodide
Concen: 2.396 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD072173.D
Acq: 14 Mar 2022 17:54

Tgt Ion:142 Resp: 555
Ion Ratio Lower Upper
142 100
127 30.8 37.3 55.9#
141 0.0 11.7 17.5#

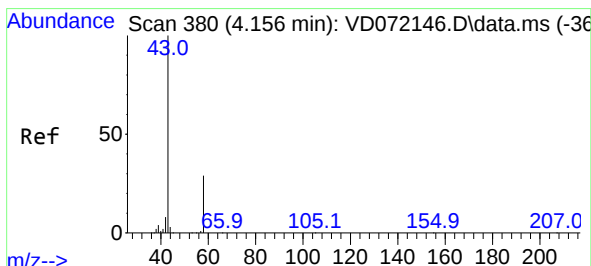
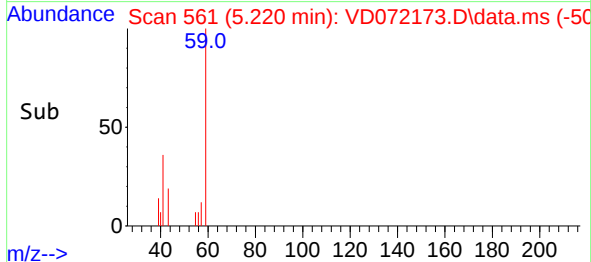
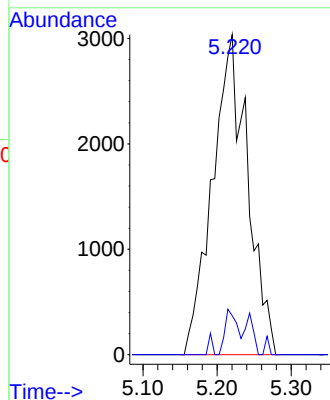
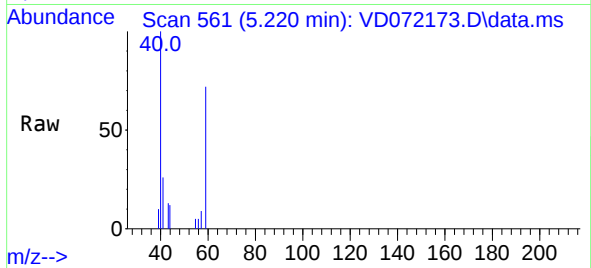




#11
Tert butyl alcohol
Concen: 50.527 ug/l
RT: 5.220 min Scan# 50
Delta R.T. 0.012 min
Lab File: VD072173.D
Acq: 14 Mar 2022 17:54

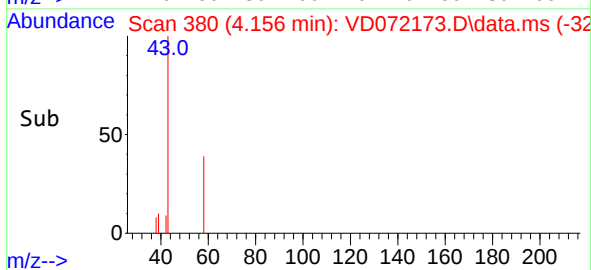
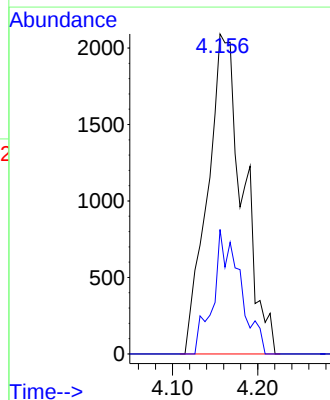
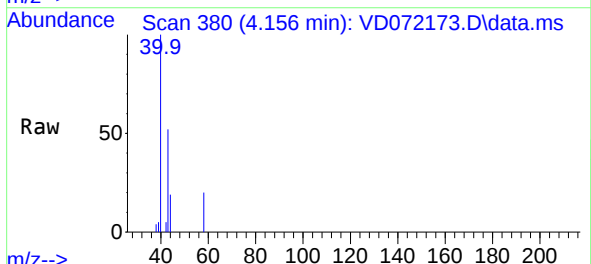
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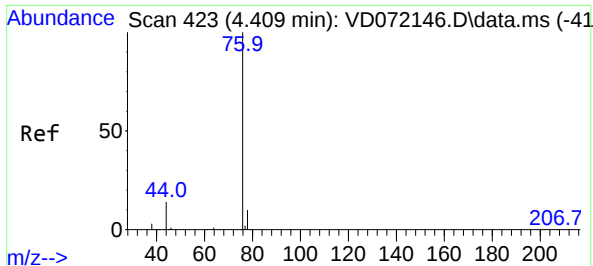
Tgt Ion: 59 Resp: 10011
Ion Ratio Lower Upper
59 100
57 5.0 7.8 11.6#



#16
Acetone
Concen: 8.131 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072173.D
Acq: 14 Mar 2022 17:54

Tgt Ion: 43 Resp: 6033
Ion Ratio Lower Upper
43 100
58 38.9 22.1 33.1#

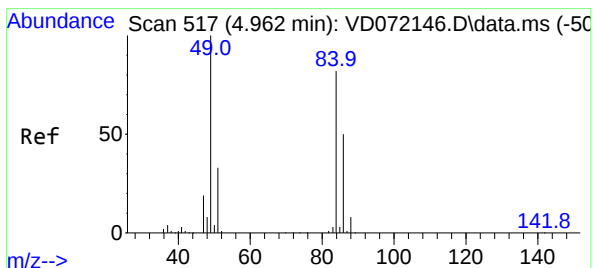
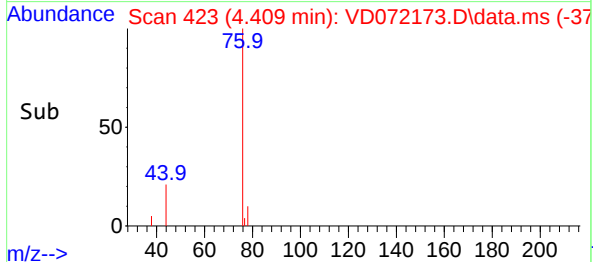
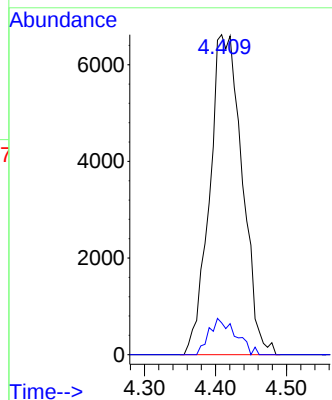
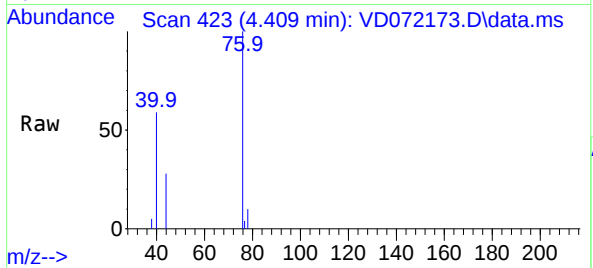




#17
Carbon Disulfide
Concen: 4.614 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072173.D
Acq: 14 Mar 2022 17:54

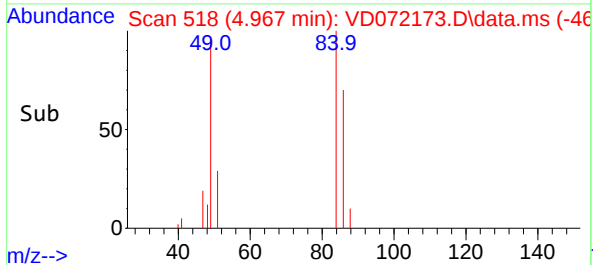
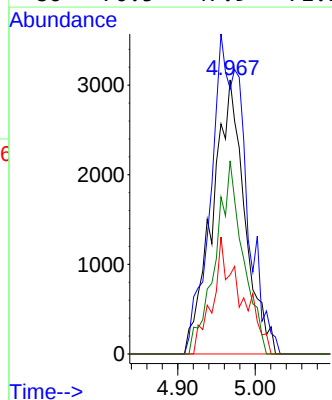
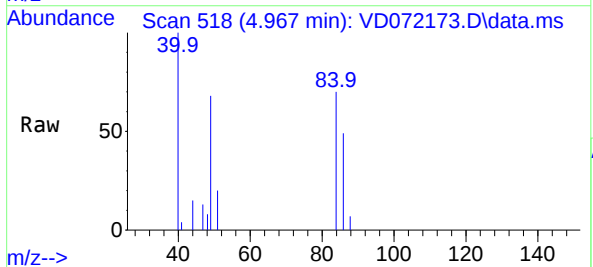
Instrument :
MSVOA_D
ClientSampleId :
TT-148-IDWSO-20220311-1

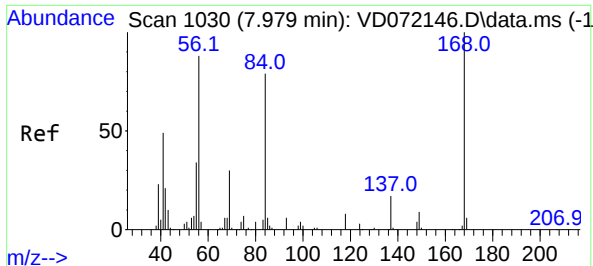
Tgt Ion: 76 Resp: 21098
Ion Ratio Lower Upper
76 100
78 10.0 7.5 11.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD072173.D
Acq: 14 Mar 2022 17:54

Tgt Ion: 84 Resp: 8923
Ion Ratio Lower Upper
84 100
49 96.8 112.8 169.2#
51 28.9 32.6 48.8#
86 70.5 47.9 71.9

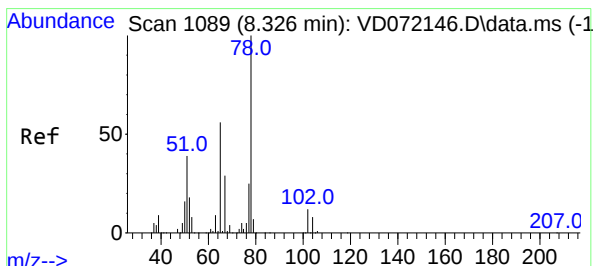
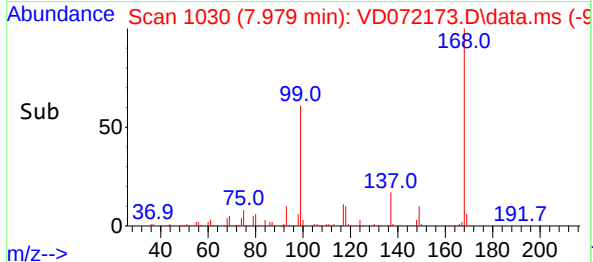
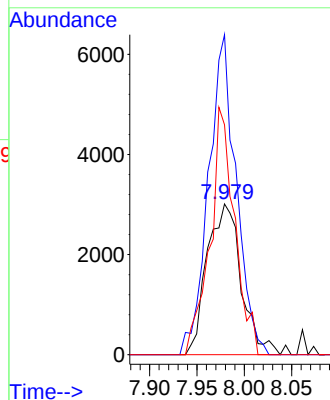
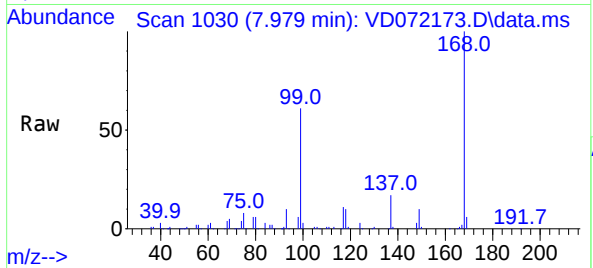




#31
Cyclohexane
Concen: 1.416 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072173.D
Acq: 14 Mar 2022 17:54

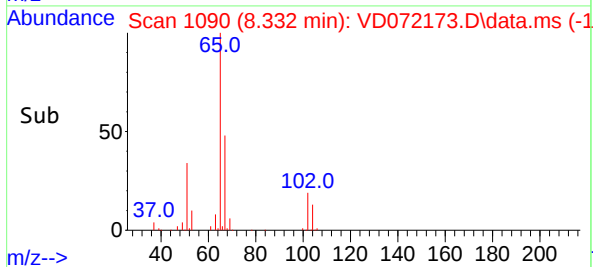
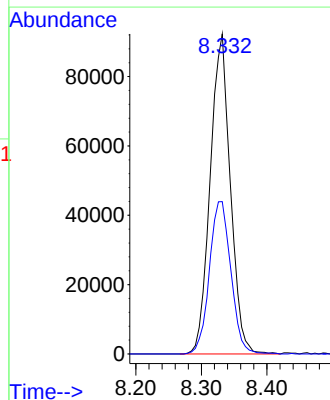
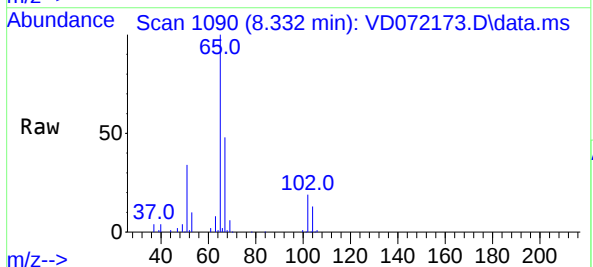
Instrument :
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ClientSampleId :
TT-148-IDWSO-20220311-1

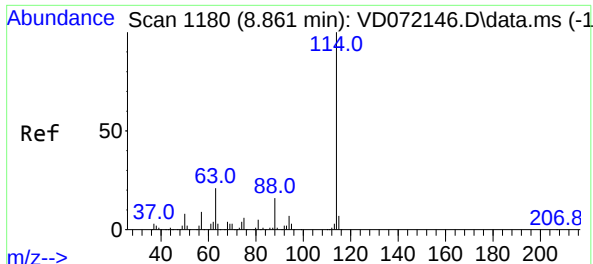
Tgt Ion: 56 Resp: 7558
Ion Ratio Lower Upper
56 100
69 212.4 25.4 38.2#
84 152.6 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 57.578 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD072173.D
Acq: 14 Mar 2022 17:54

Tgt Ion: 65 Resp: 196757
Ion Ratio Lower Upper
65 100
67 50.9 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: VD072173.D

Acq: 14 Mar 2022 17:54

Instrument :

MSVOA_D

ClientSampleId :

TT-148-IDWSO-20220311-1

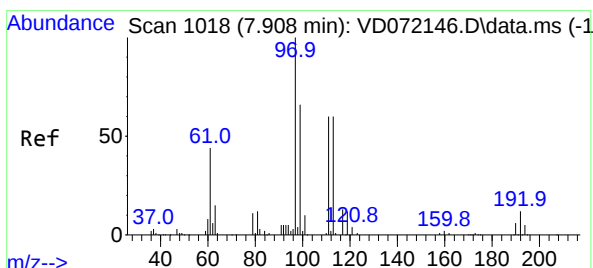
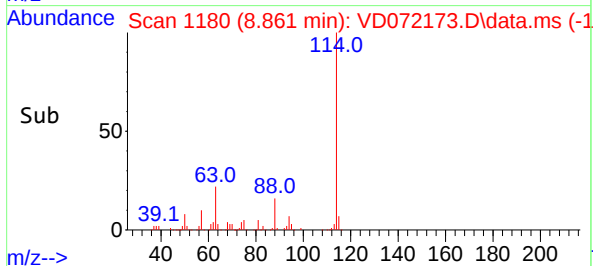
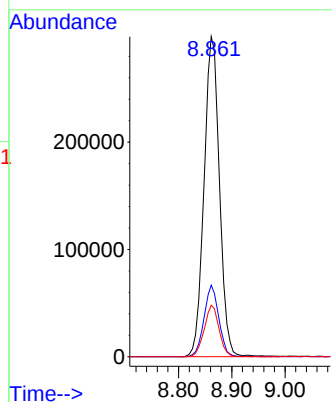
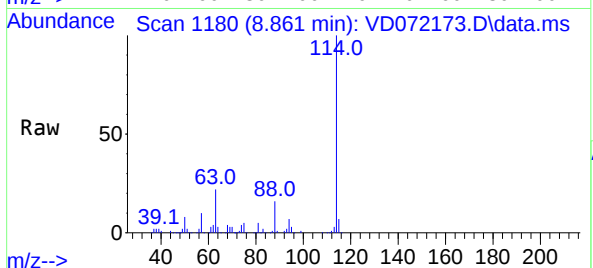
Tgt Ion:114 Resp: 601301

Ion Ratio Lower Upper

114 100

63 22.4 0.0 46.6

88 16.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.577 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072173.D

Acq: 14 Mar 2022 17:54

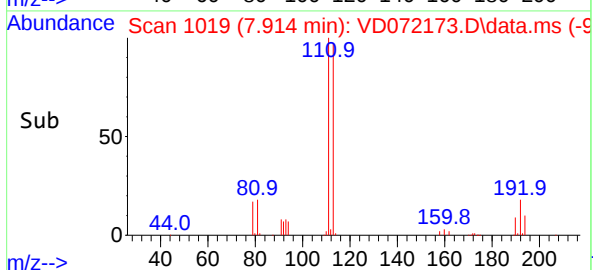
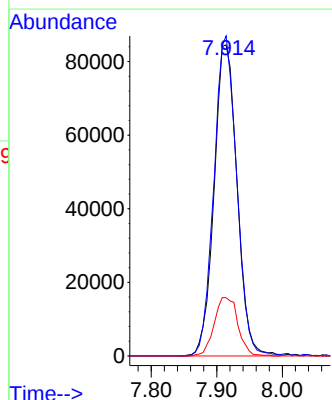
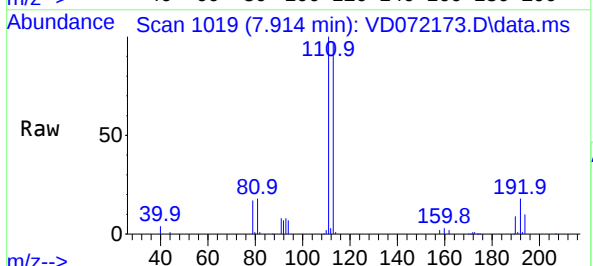
Tgt Ion:113 Resp: 205547

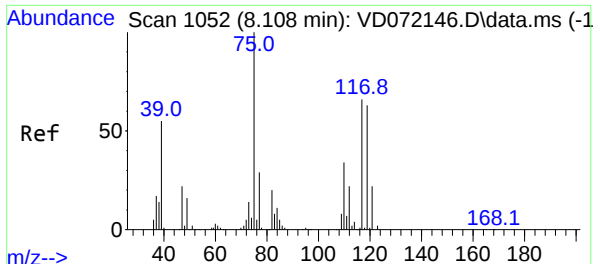
Ion Ratio Lower Upper

113 100

111 102.1 83.8 125.6

192 19.4 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.189 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD072173.D

Acq: 14 Mar 2022 17:54

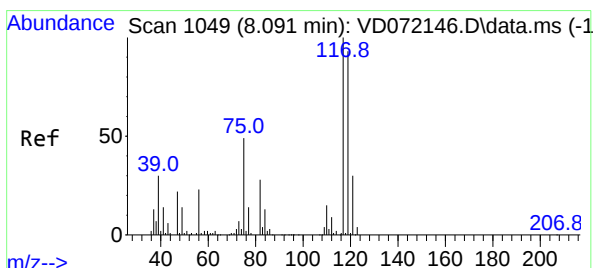
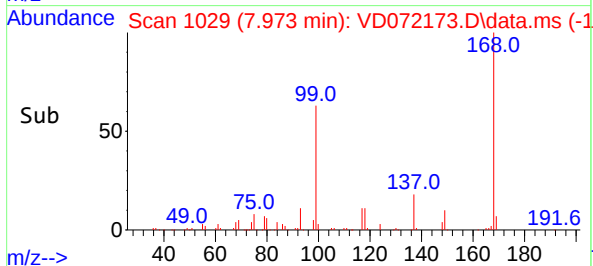
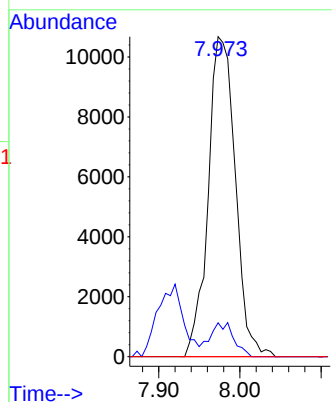
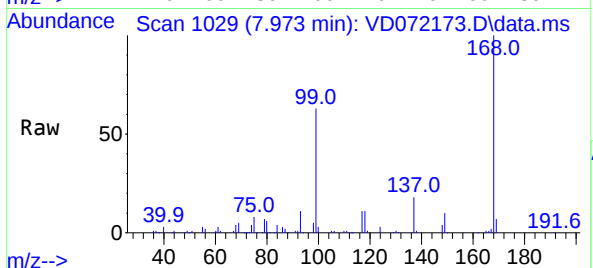
Instrument :

MSVOA_D

ClientSampleId :

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Tgt Ion:	75	Resp:	24864
Ion	Ratio	Lower	Upper
75	100		
110	9.3	16.4	49.1#
77	0.0	24.2	36.2#



#38

Carbon Tetrachloride

Concen: 4.790 ug/l

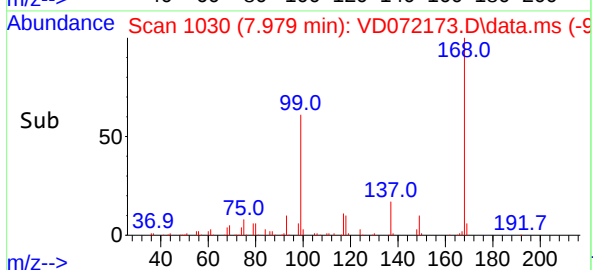
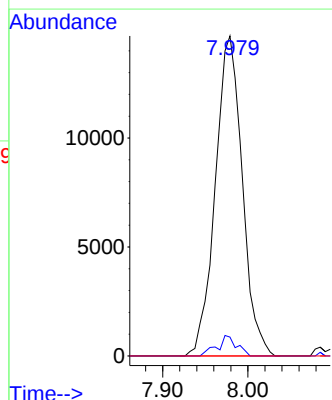
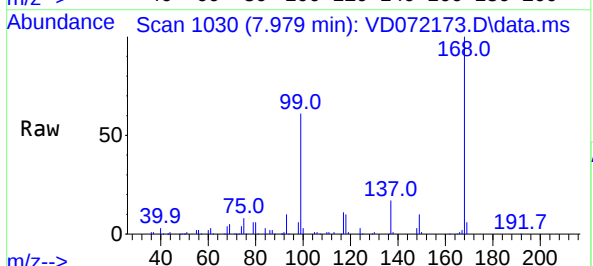
RT: 7.979 min Scan# 1030

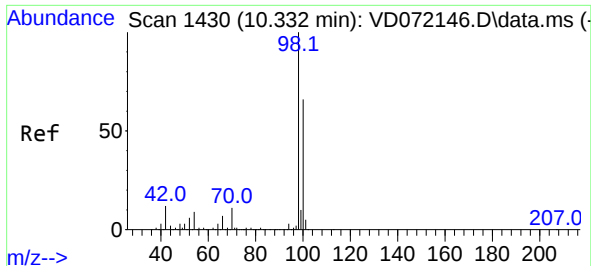
Delta R.T. -0.112 min

Lab File: VD072173.D

Acq: 14 Mar 2022 17:54

Tgt Ion:	117	Resp:	32324
Ion	Ratio	Lower	Upper
117	100		
119	5.9	75.8	113.6#
121	0.0	24.5	36.7#

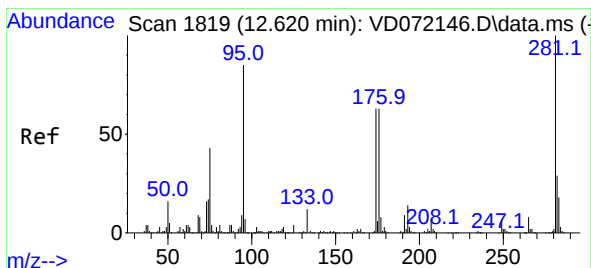
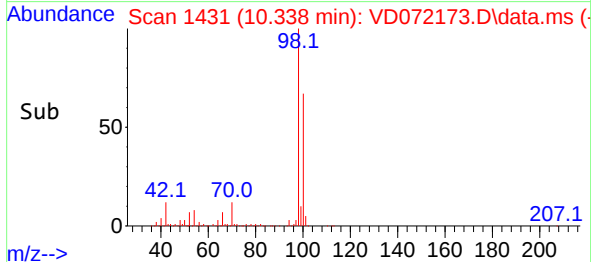
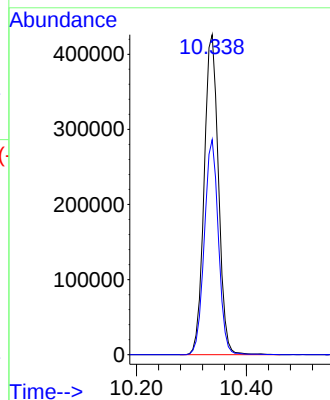
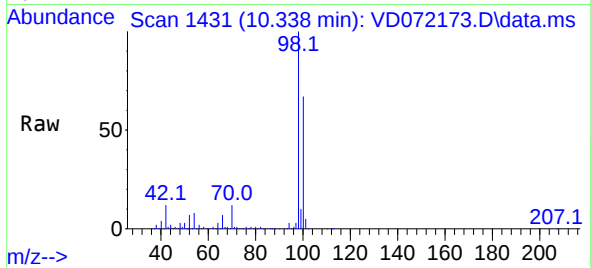




#50
Toluene-d8
Concen: 49.645 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072173.D
Acq: 14 Mar 2022 17:54

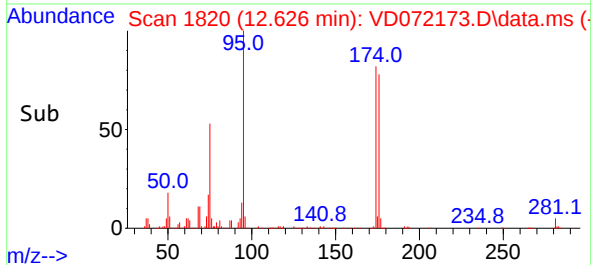
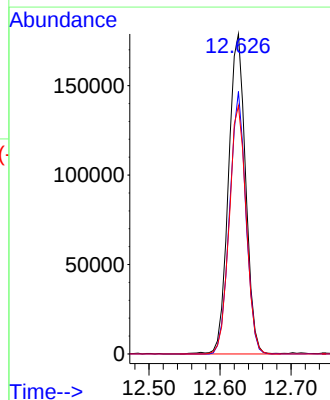
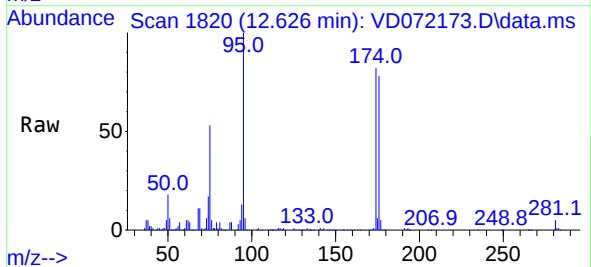
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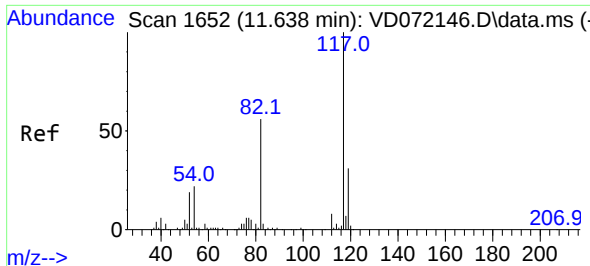
Tgt Ion: 98 Resp: 768113
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.779 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072173.D
Acq: 14 Mar 2022 17:54

Tgt Ion: 95 Resp: 299259
Ion Ratio Lower Upper
95 100
174 77.6 0.0 152.8
176 76.6 0.0 145.4

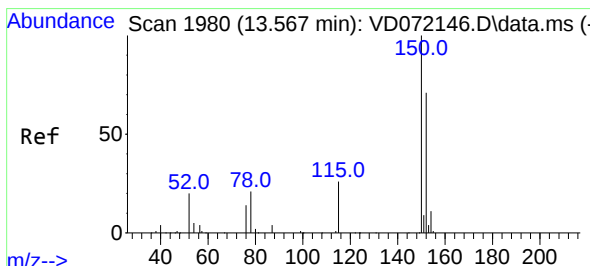
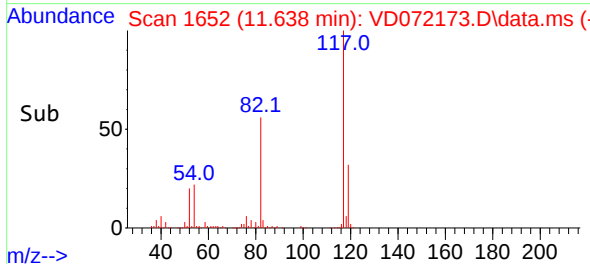
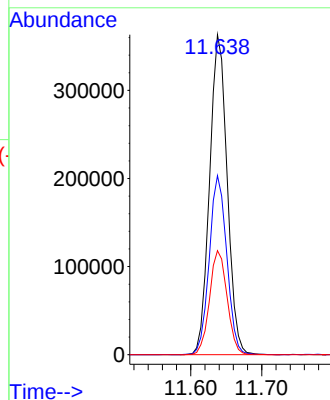
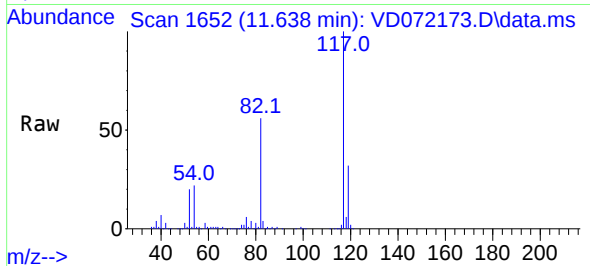




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072173.D
Acq: 14 Mar 2022 17:54

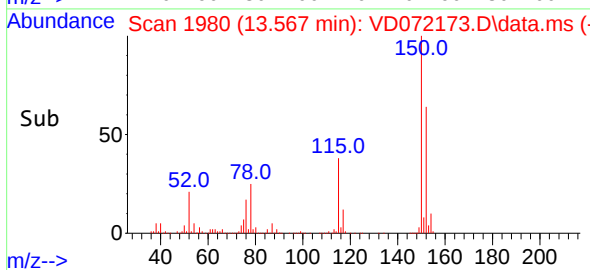
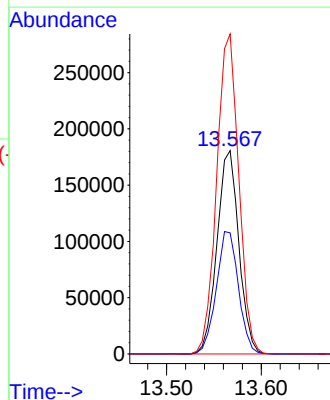
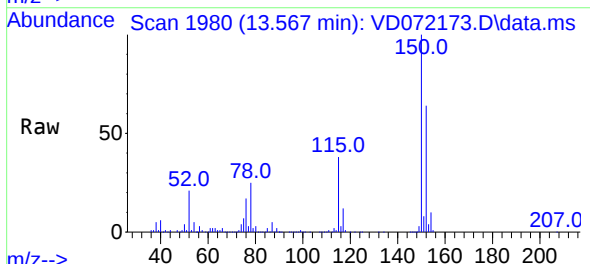
Instrument :
MSVOA_D
ClientSampleId :
TT-148-IDWSO-20220311-1

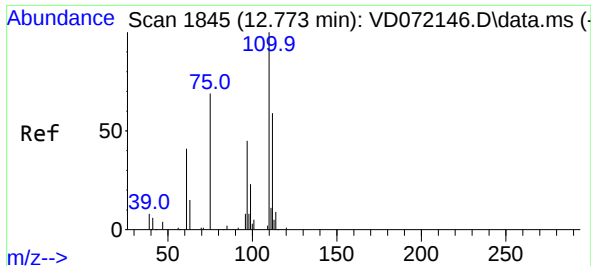
Tgt Ion:117 Resp: 624702
Ion Ratio Lower Upper
117 100
82 56.0 45.3 67.9
119 32.5 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072173.D
Acq: 14 Mar 2022 17:54

Tgt Ion:152 Resp: 290421
Ion Ratio Lower Upper
152 100
115 61.0 31.3 93.8
150 158.7 0.0 348.6

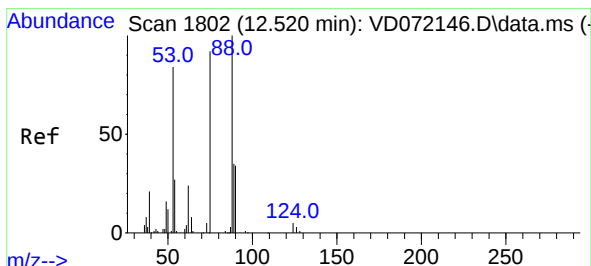
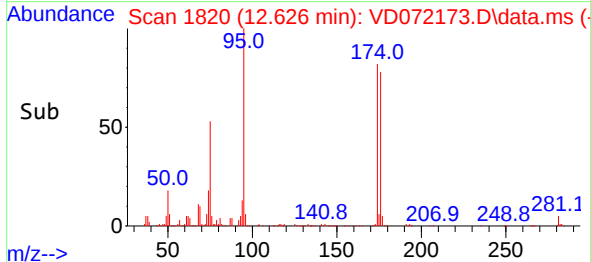
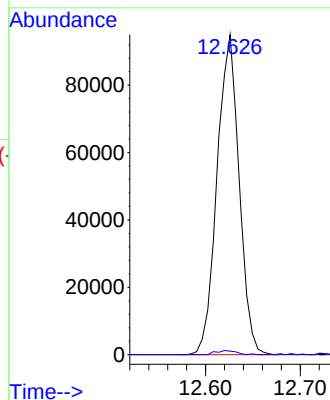
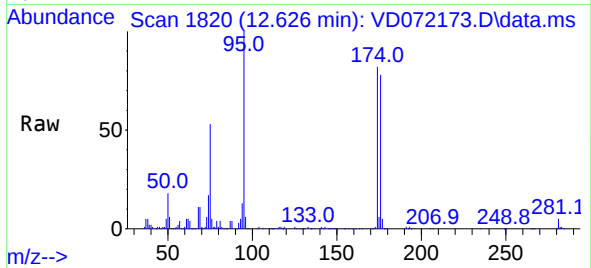




#76
1,2,3-Trichloropropane
Concen: 48.001 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072173.D
Acq: 14 Mar 2022 17:54

Instrument : MSVOA_D
ClientSampleId : TT-148-IDWSO-20220311-1

Tgt Ion: 75 Resp: 153776
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 119.095 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD072173.D
Acq: 14 Mar 2022 17:54

Tgt Ion: 75 Resp: 153776
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.1 33.9 50.9#

