

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080123\
 Data File : VD076888.D
 Acq On : 01 Aug 2023 11:36
 Operator : KP/SY
 Sample : VD0801SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0801SBL01

Quant Time: Aug 02 01:27:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

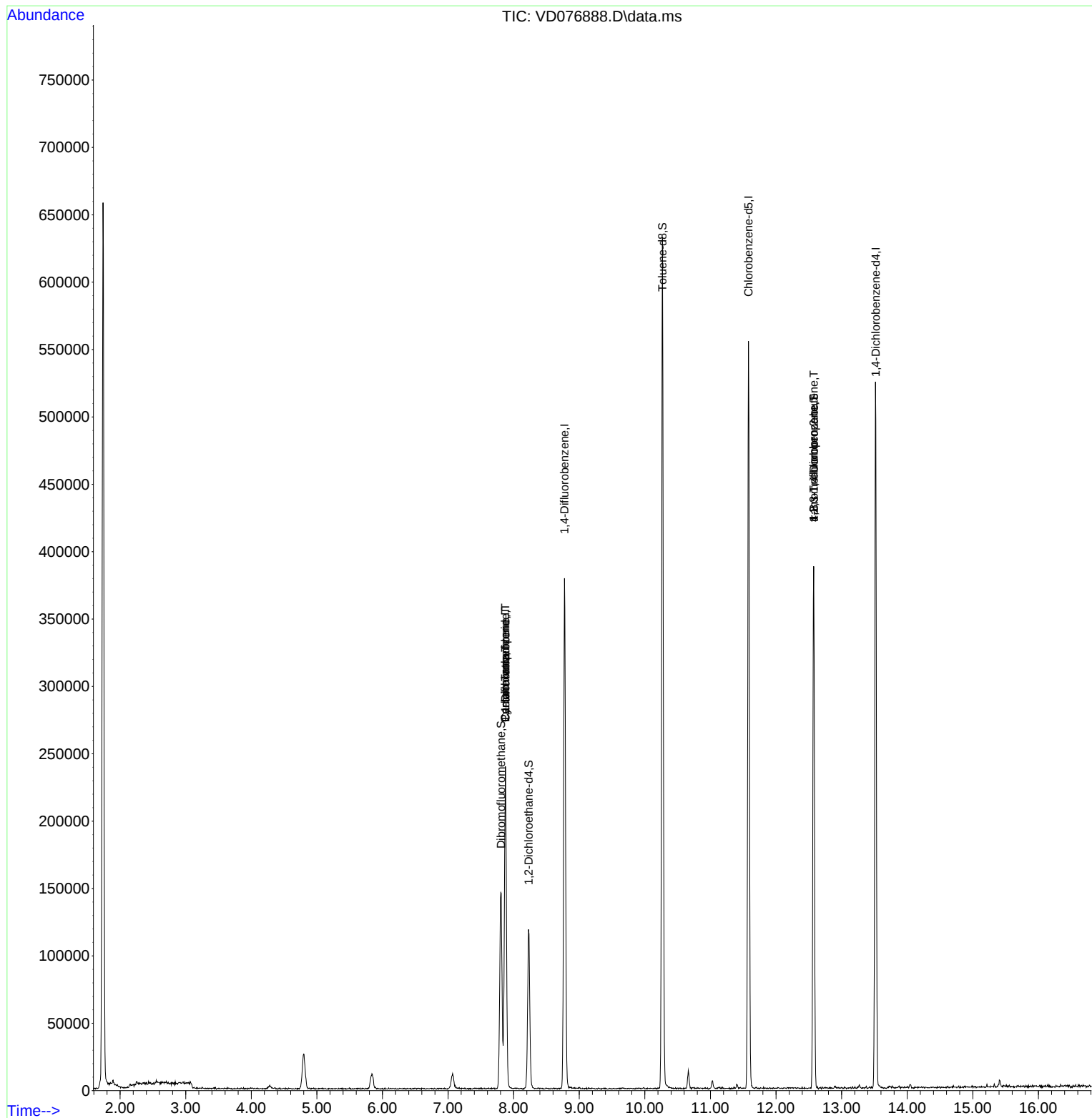
Internal Standards						
1) Pentafluorobenzene	7.875	168	177489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	348452	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	328755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	140712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	90689	51.299	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.600%	
35) Dibromofluoromethane	7.810	113	109454	49.986	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.980%	
50) Toluene-d8	10.269	98	431231	55.050	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.100%	
62) 4-Bromofluorobenzene	12.575	95	120059	47.377	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.760%	
Target Compounds						Qvalue
20) Methylene Chloride	4.805	84	21354	Below Cal	#	88
31) Cyclohexane	7.875	56	4124	1.585	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	14846	5.188	ug/l #	48
38) Carbon Tetrachloride	7.875	117	18187	6.638	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	63933	47.777	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	63933	101.682	ug/l #	17

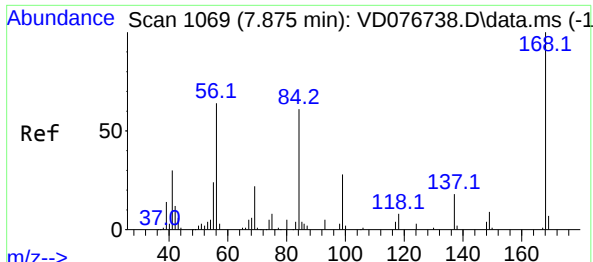
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration

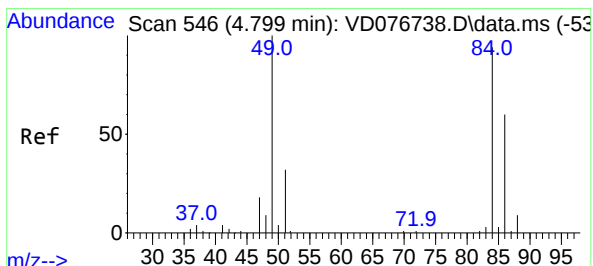
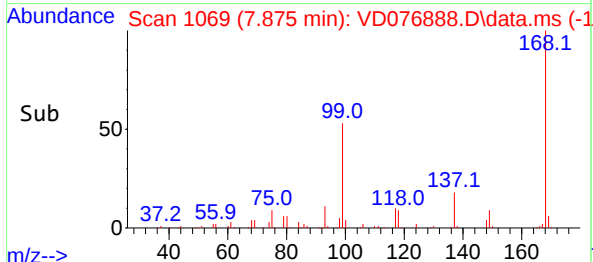
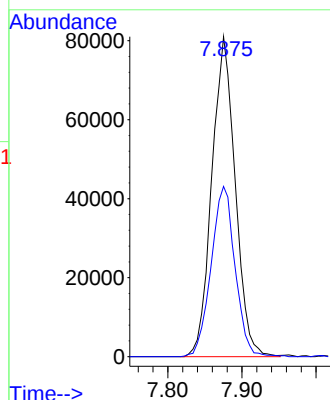
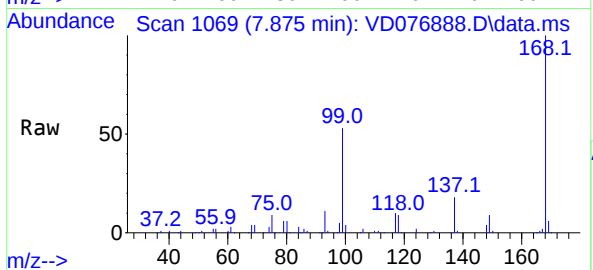




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076888.D
Acq: 01 Aug 2023 11:36

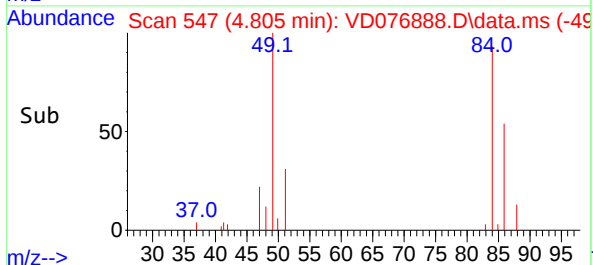
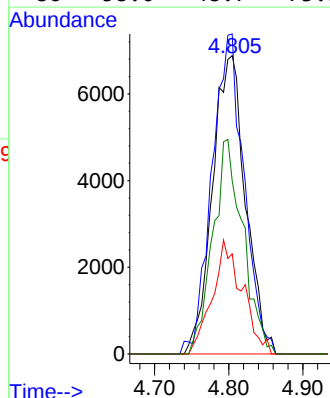
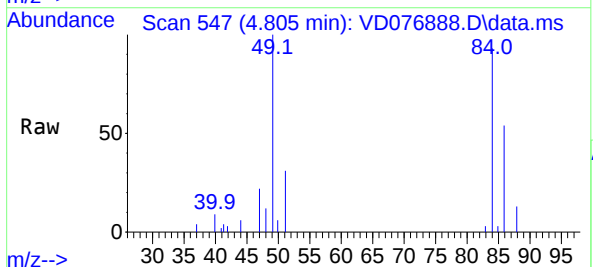
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBL01

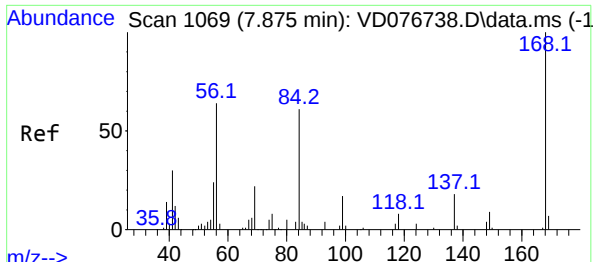
Tgt Ion:168 Resp: 177489
Ion Ratio Lower Upper
168 100
99 53.2 36.7 55.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD076888.D
Acq: 01 Aug 2023 11:36

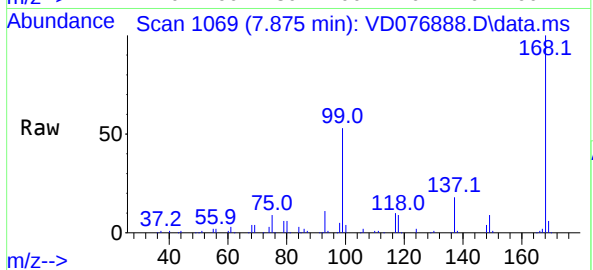
Tgt Ion: 84 Resp: 21354
Ion Ratio Lower Upper
84 100
49 107.2 71.4 107.2#
51 33.6 24.5 36.7
86 58.0 48.7 73.1



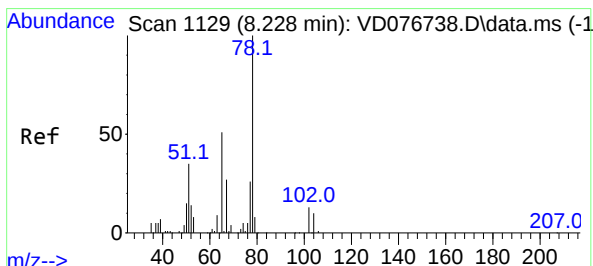
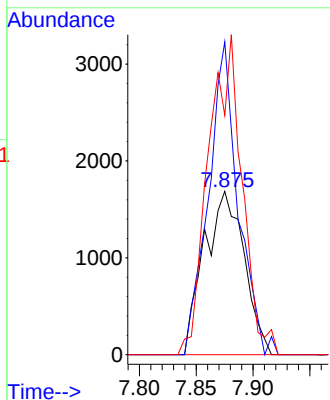
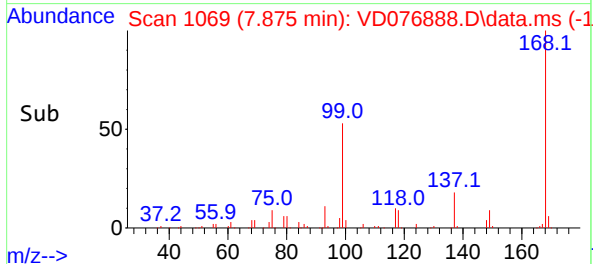


#31
Cyclohexane
Concen: 1.585 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076888.D
Acq: 01 Aug 2023 11:36

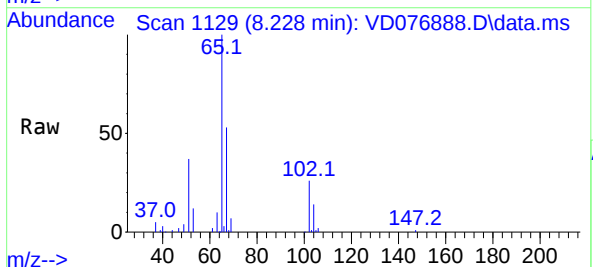
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBL01



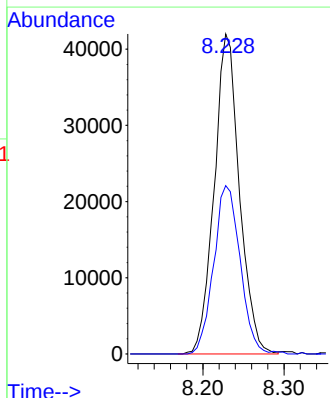
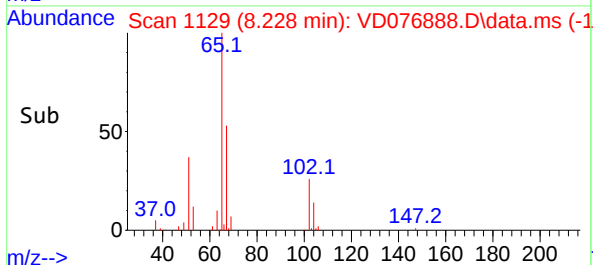
Tgt Ion: 56 Resp: 4124
Ion Ratio Lower Upper
56 100
69 191.6 28.6 43.0#
84 157.2 84.8 127.2#

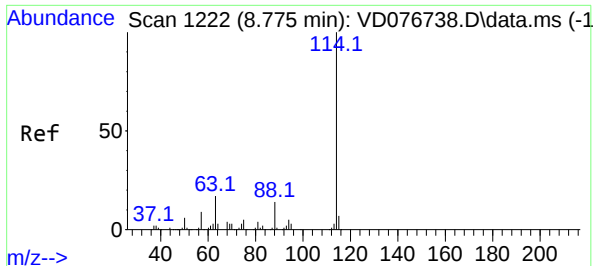


#33
1,2-Dichloroethane-d4
Concen: 51.299 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076888.D
Acq: 01 Aug 2023 11:36



Tgt Ion: 65 Resp: 90689
Ion Ratio Lower Upper
65 100
67 55.3 0.0 115.0

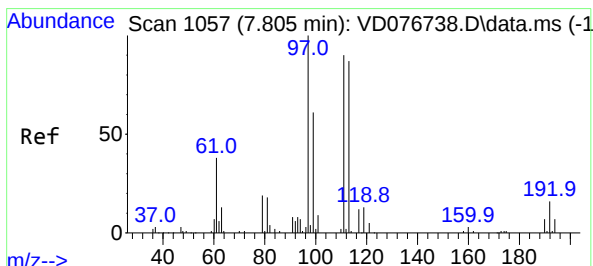
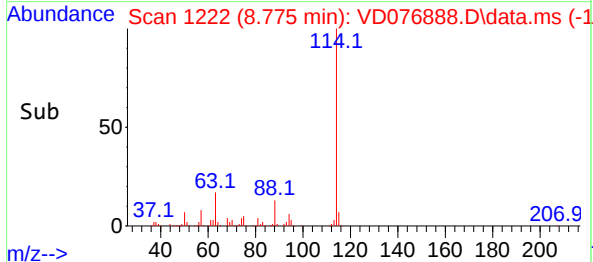
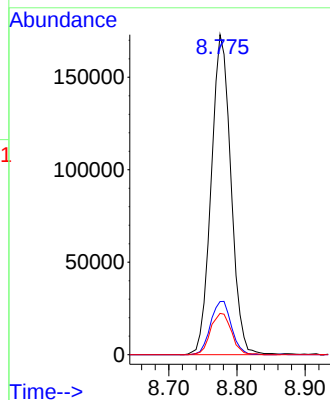
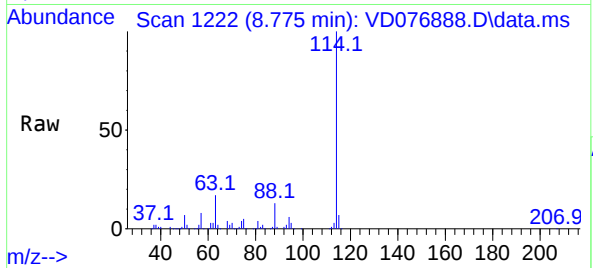




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076888.D
Acq: 01 Aug 2023 11:36

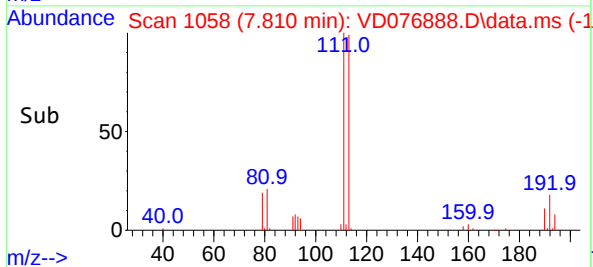
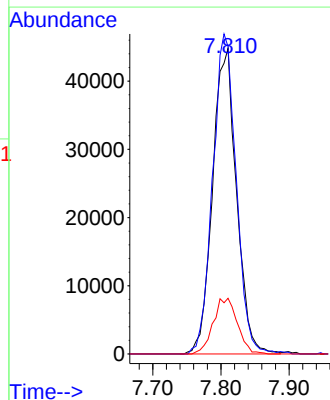
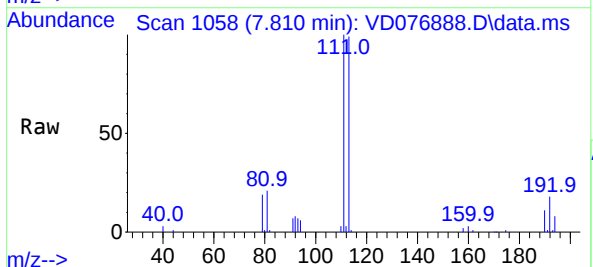
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBL01

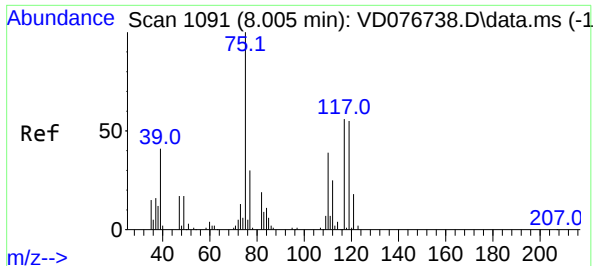
Tgt Ion:114 Resp: 348452
Ion Ratio Lower Upper
114 100
63 16.6 0.0 33.4
88 12.9 0.0 26.2



#35
Dibromofluoromethane
Concen: 49.986 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.005 min
Lab File: VD076888.D
Acq: 01 Aug 2023 11:36

Tgt Ion:113 Resp: 109454
Ion Ratio Lower Upper
113 100
111 103.0 84.7 127.1
192 18.4 16.8 25.2





#36

1,1-Dichloropropene

Concen: 5.188 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD076888.D

Acq: 01 Aug 2023 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD0801SBL01

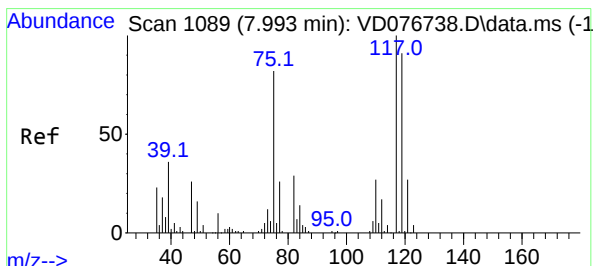
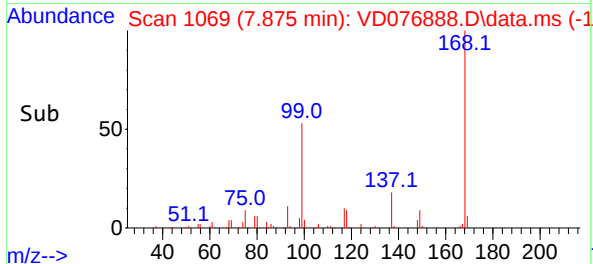
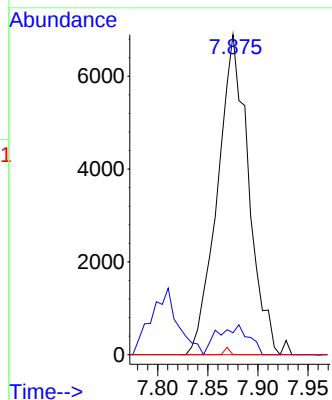
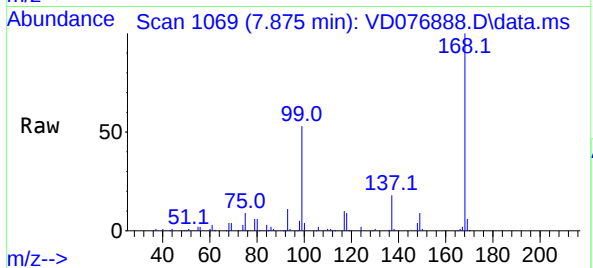
Tgt Ion: 75 Resp: 14846

Ion Ratio Lower Upper

75 100

110 9.3 19.9 59.6#

77 0.4 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.638 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD076888.D

Acq: 01 Aug 2023 11:36

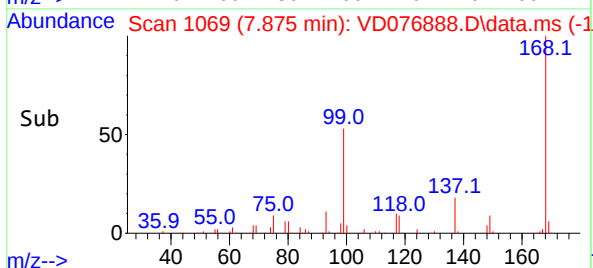
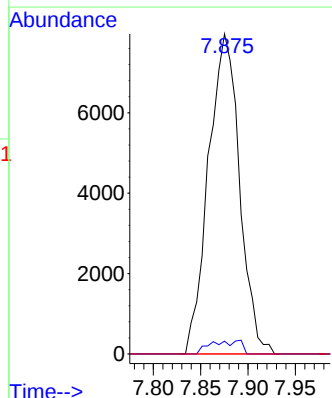
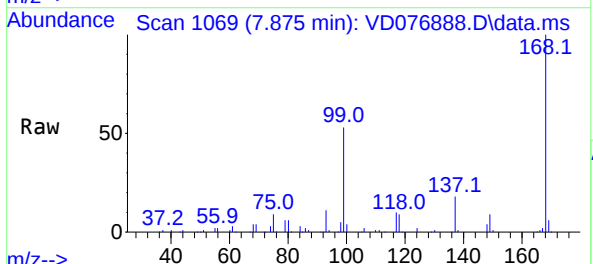
Tgt Ion: 117 Resp: 18187

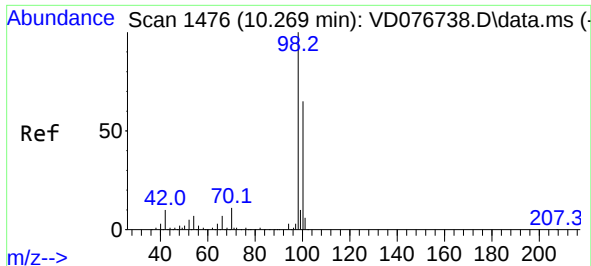
Ion Ratio Lower Upper

117 100

119 4.0 78.0 117.0#

121 0.0 24.2 36.2#

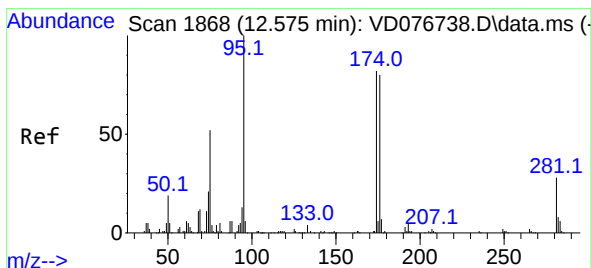
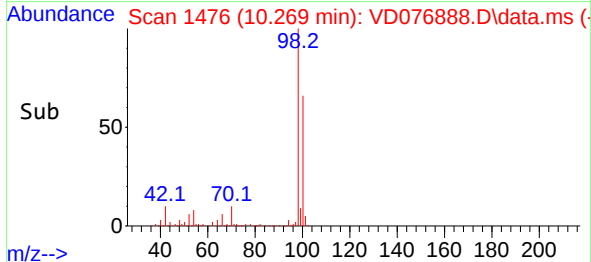
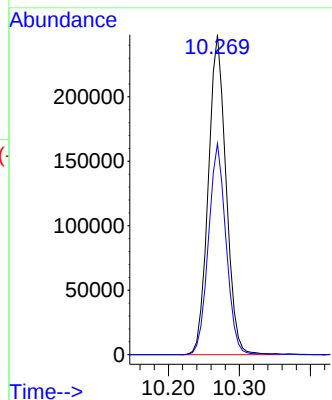
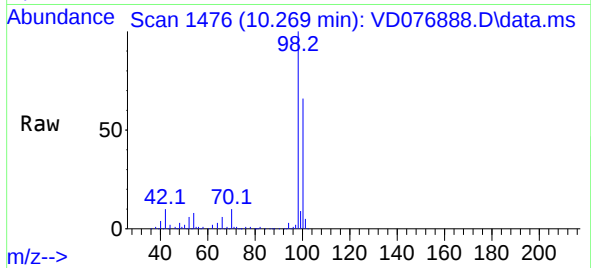




#50
Toluene-d8
Concen: 55.050 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076888.D
Acq: 01 Aug 2023 11:36

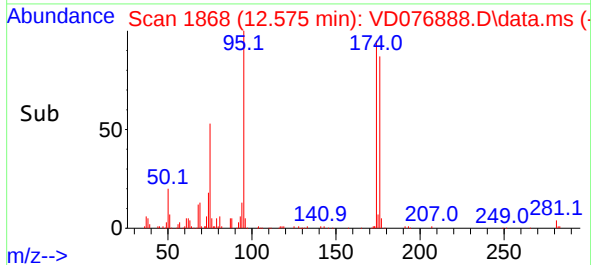
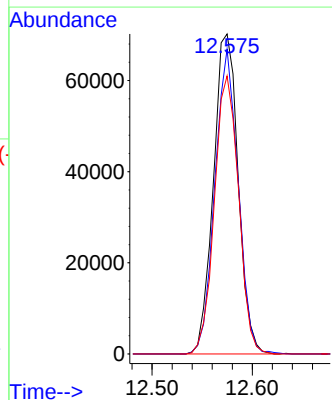
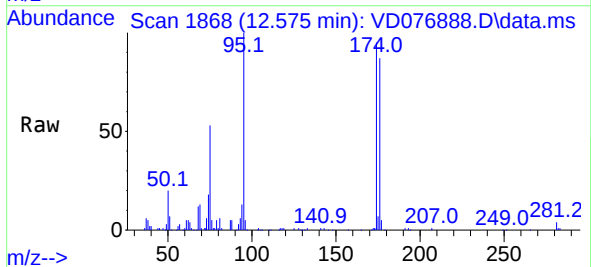
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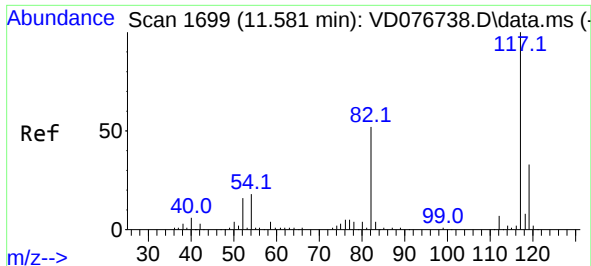
Tgt Ion: 98 Resp: 431231
Ion Ratio Lower Upper
98 100
100 65.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 47.377 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076888.D
Acq: 01 Aug 2023 11:36

Tgt Ion: 95 Resp: 120059
Ion Ratio Lower Upper
95 100
174 90.0 0.0 201.8
176 84.9 0.0 191.8

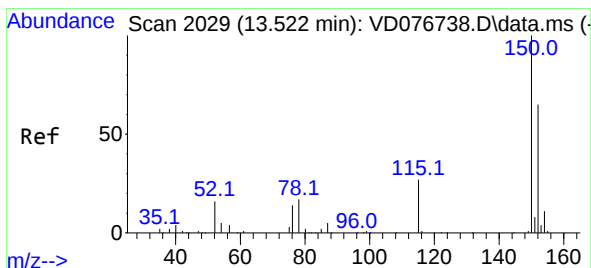
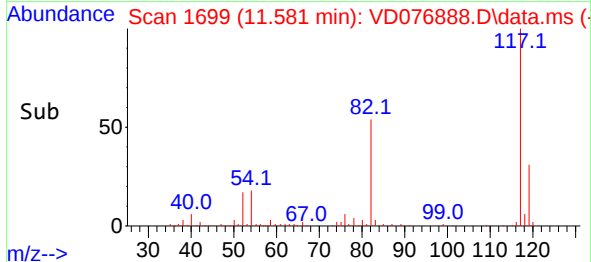
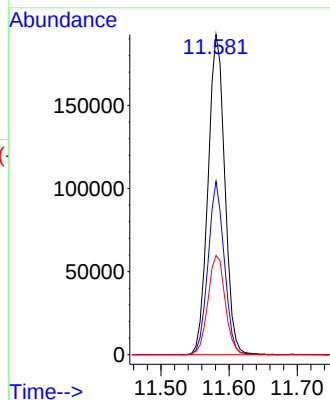
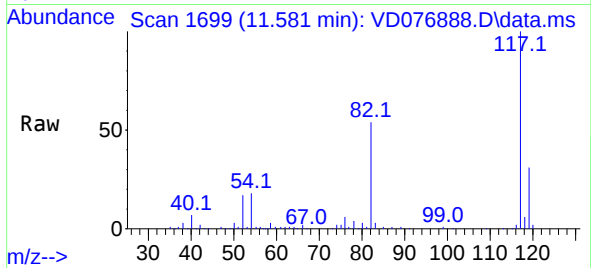




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076888.D
Acq: 01 Aug 2023 11:36

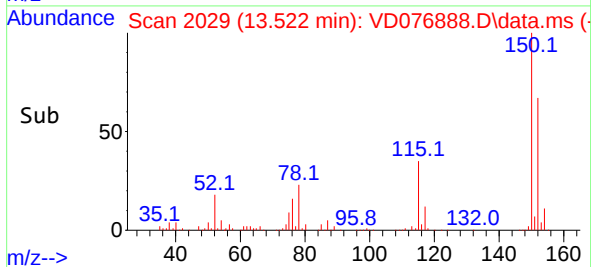
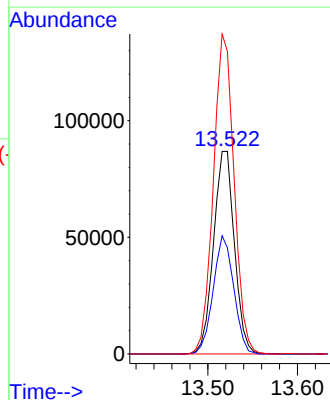
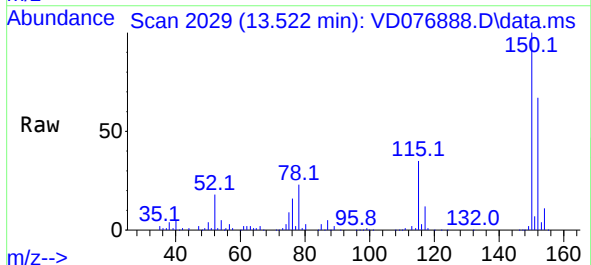
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VD0801SBL01

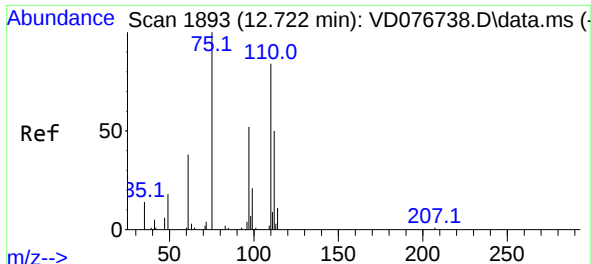
Tgt Ion:117 Resp: 328755
Ion Ratio Lower Upper
117 100
82 54.2 38.3 57.5
119 31.0 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076888.D
Acq: 01 Aug 2023 11:36

Tgt Ion:152 Resp: 140712
Ion Ratio Lower Upper
152 100
115 57.3 27.1 81.3
150 156.1 0.0 353.6

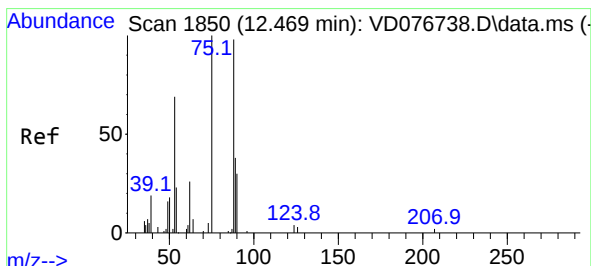
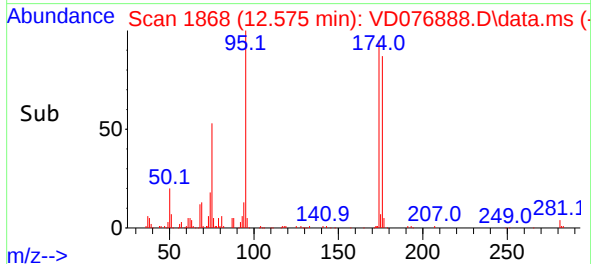
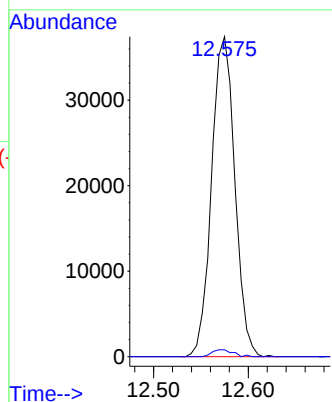
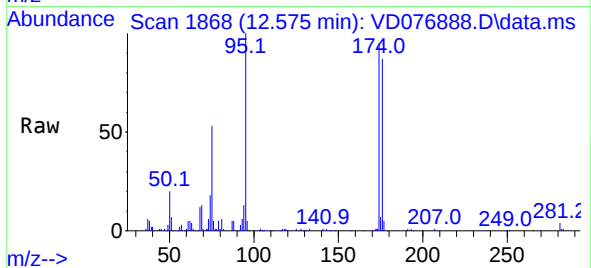




#76
1,2,3-Trichloropropane
Concen: 47.777 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076888.D
Acq: 01 Aug 2023 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD0801SBL01

Tgt Ion: 75 Resp: 63933
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.682 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076888.D
Acq: 01 Aug 2023 11:36

Tgt Ion: 75 Resp: 63933
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

