

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060823\
 Data File : VD076383.D
 Acq On : 08 Jun 2023 20:01
 Operator : KP/SY
 Sample : 03074-05
 Misc : 7.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GT-05

Quant Time: Jun 09 01:25:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

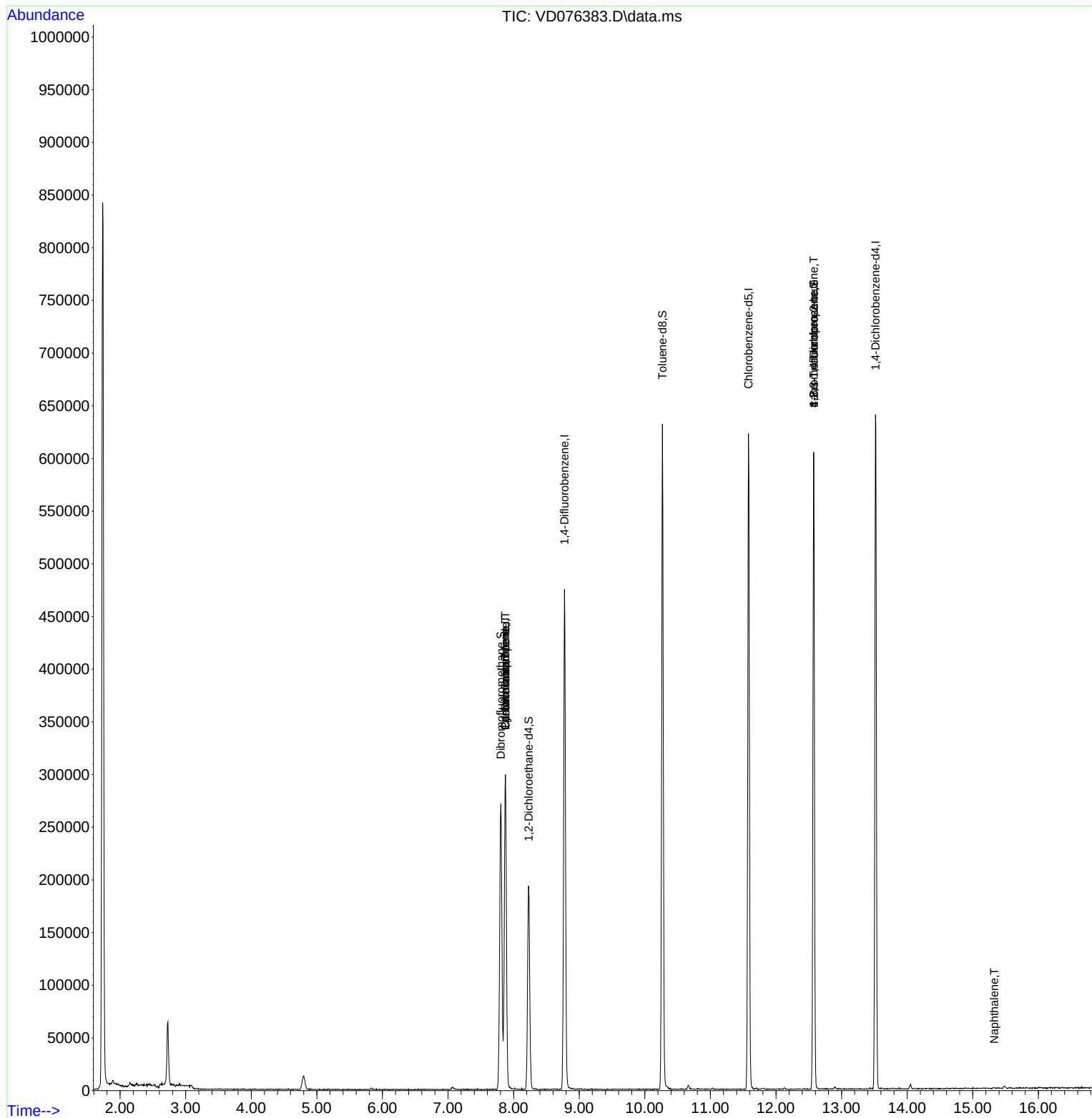
Internal Standards						
1) Pentafluorobenzene	7.875	168	254080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	452265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	407019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	191139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	146311	64.269	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.540%	
35) Dibromofluoromethane	7.805	113	199929	69.623	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 139.240%	
50) Toluene-d8	10.269	98	459041	40.150	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 80.300%	
62) 4-Bromofluorobenzene	12.575	95	181167	59.876	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 119.760%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.799	84	11942	Below Cal	#	87
31) Cyclohexane	7.875	56	4268	1.117	ug/l #	13
36) 1,1-Dichloropropene	7.875	75	17495	4.240	ug/l #	45
38) Carbon Tetrachloride	7.875	117	21604	5.973	ug/l #	15
76) 1,2,3-Trichloropropane	12.575	75	87986	49.314	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	87986	118.109	ug/l #	17
95) Naphthalene	15.328	128	585	3.372	ug/l #	69

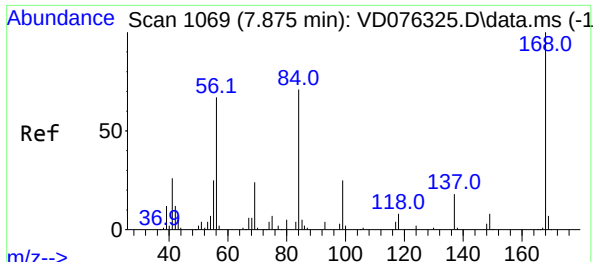
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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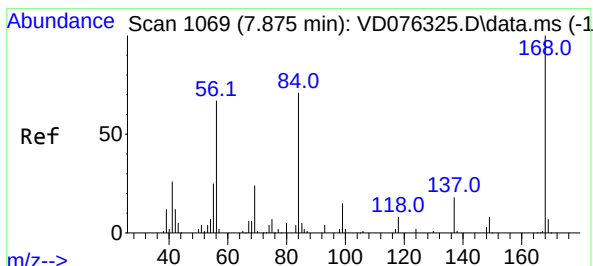
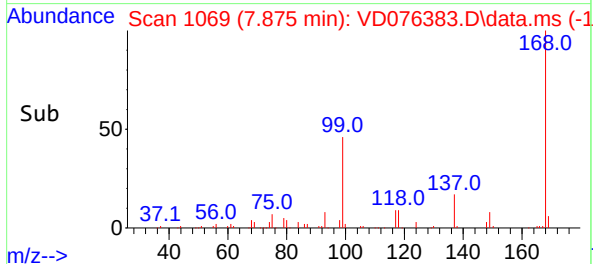
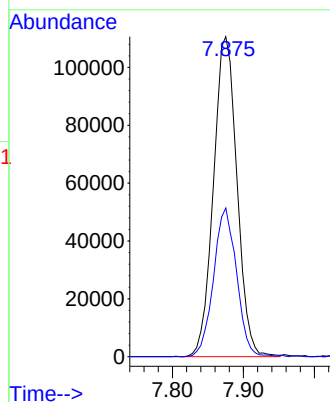
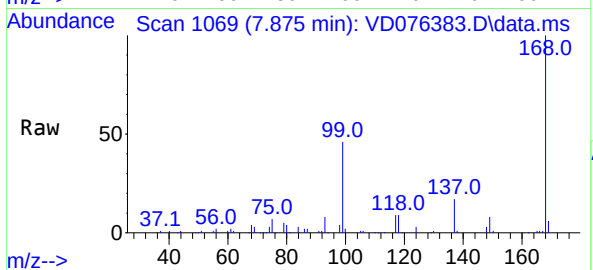




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076383.D
Acq: 08 Jun 2023 20:01

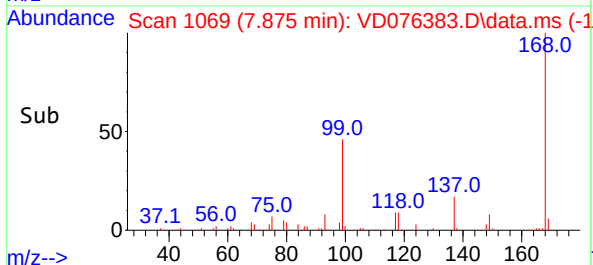
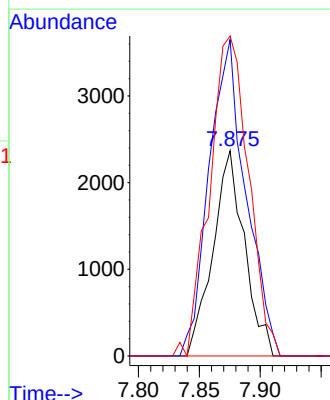
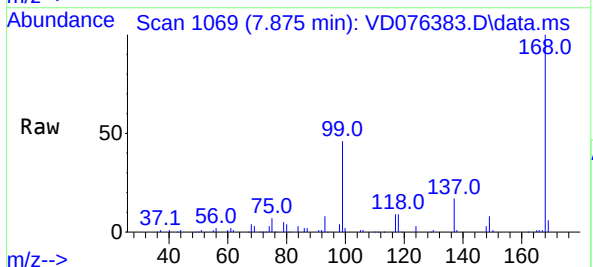
Instrument :
MSVOA_D
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GT-05

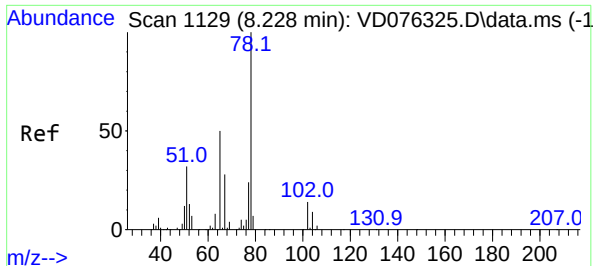
Tgt Ion:168 Resp: 254080
Ion Ratio Lower Upper
168 100
99 46.5 36.7 55.1



#31
Cyclohexane
Concen: 1.117 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076383.D
Acq: 08 Jun 2023 20:01

Tgt Ion: 56 Resp: 4268
Ion Ratio Lower Upper
56 100
69 154.2 28.6 43.0#
84 155.9 84.8 127.2#

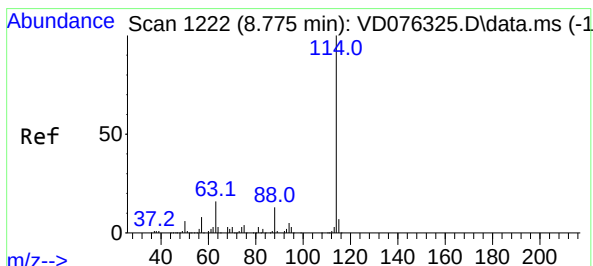
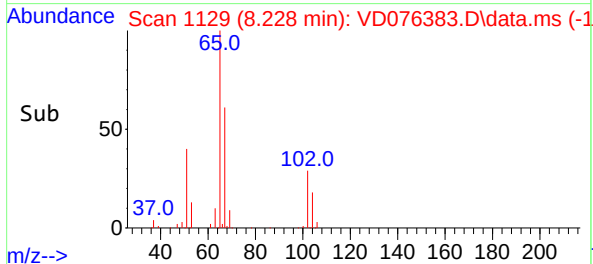
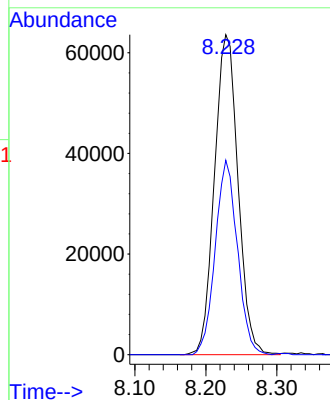
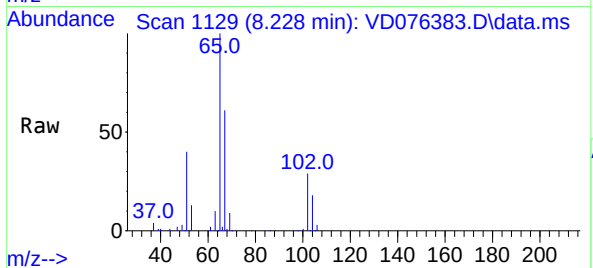




#33
1,2-Dichloroethane-d4
Concen: 64.269 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076383.D
Acq: 08 Jun 2023 20:01

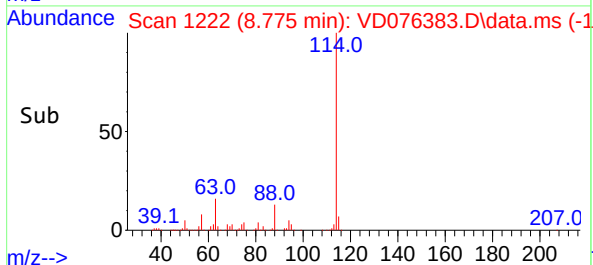
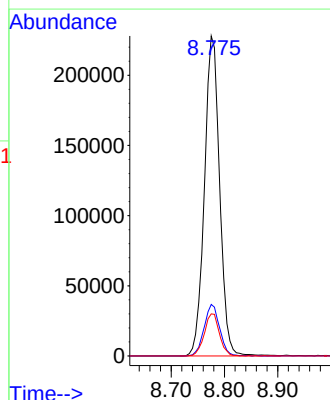
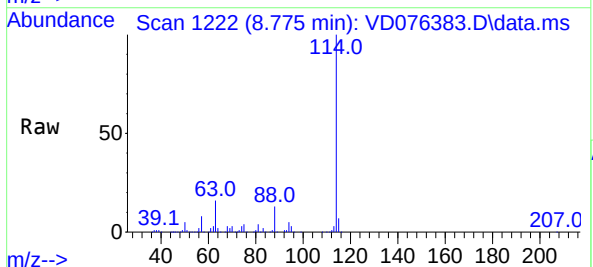
Instrument :
MSVOA_D
ClientSampleId :
GT-05

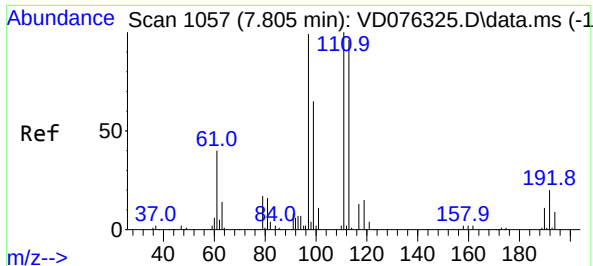
Tgt Ion: 65 Resp: 146311
Ion Ratio Lower Upper
65 100
67 57.2 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD076383.D
Acq: 08 Jun 2023 20:01

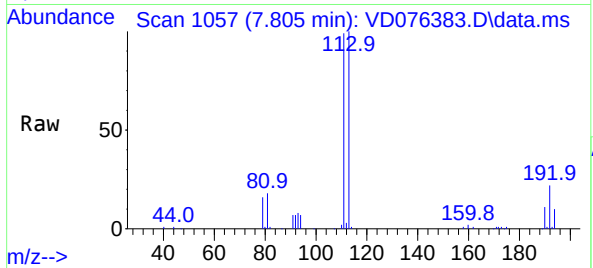
Tgt Ion: 114 Resp: 452265
Ion Ratio Lower Upper
114 100
63 16.1 0.0 33.4
88 13.2 0.0 26.2



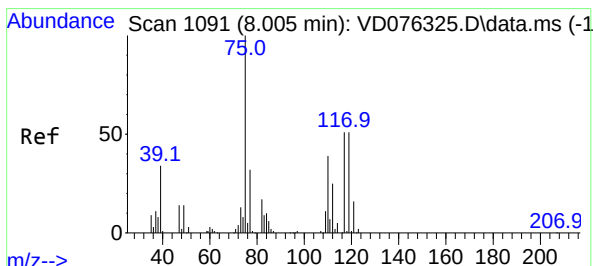
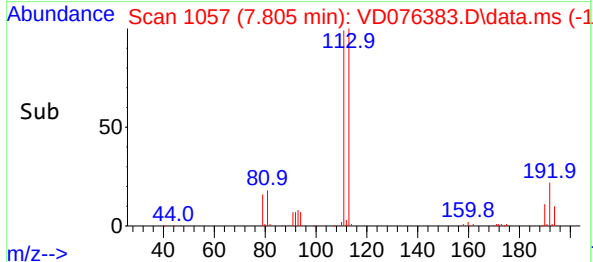
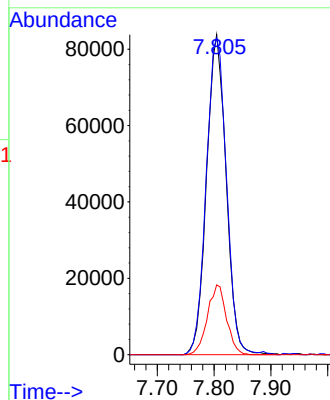


#35
 Dibromofluoromethane
 Concen: 69.623 ug/l
 RT: 7.805 min Scan# 1057
 Delta R.T. 0.000 min
 Lab File: VD076383.D
 Acq: 08 Jun 2023 20:01

Instrument :
 MSVOA_D
 ClientSampleId :
 GT-05

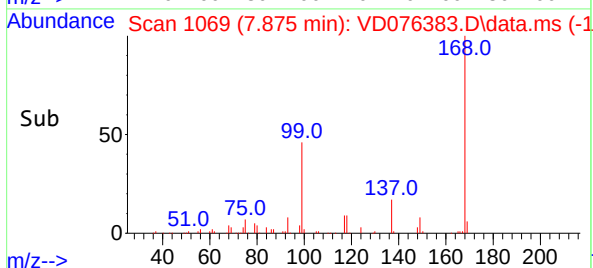
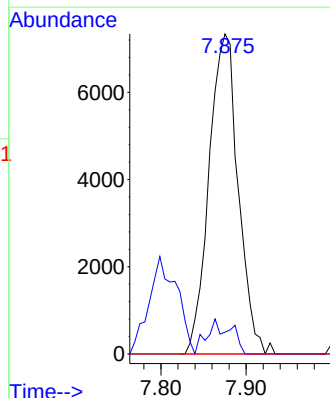
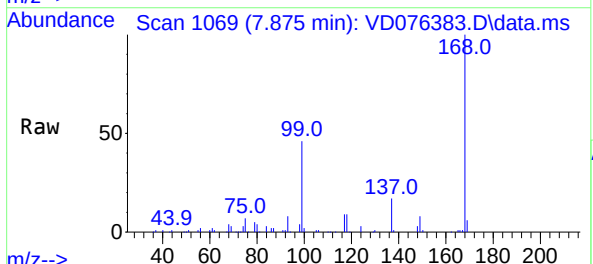


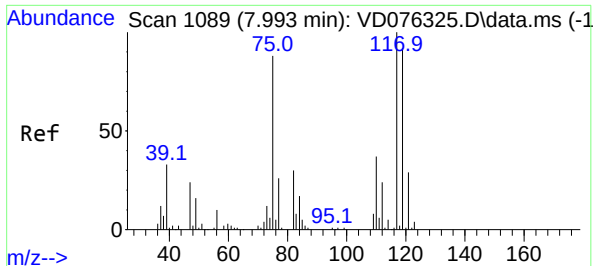
Tgt Ion:113 Resp: 199929
 Ion Ratio Lower Upper
 113 100
 111 102.2 84.7 127.1
 192 21.3 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 4.240 ug/l
 RT: 7.875 min Scan# 1069
 Delta R.T. -0.129 min
 Lab File: VD076383.D
 Acq: 08 Jun 2023 20:01

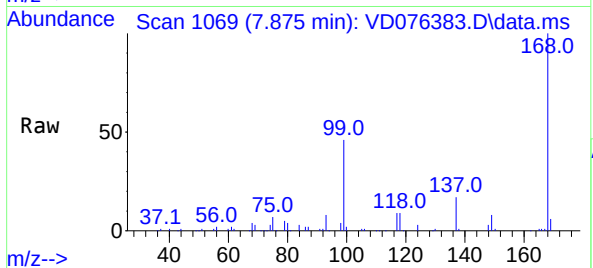
Tgt Ion: 75 Resp: 17495
 Ion Ratio Lower Upper
 75 100
 110 6.0 19.9 59.6#
 77 0.0 24.7 37.1#



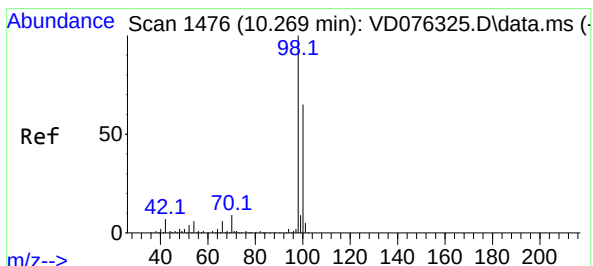
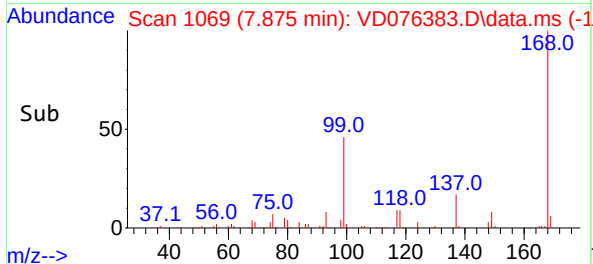
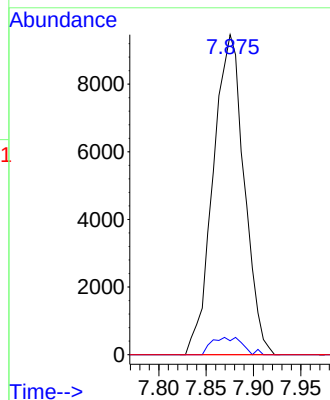


#38
Carbon Tetrachloride
Concen: 5.973 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076383.D
Acq: 08 Jun 2023 20:01

Instrument :
MSVOA_D
ClientSampleId :
GT-05

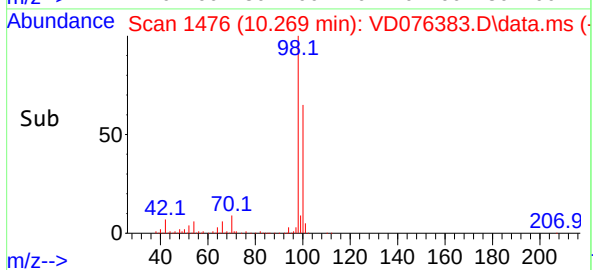
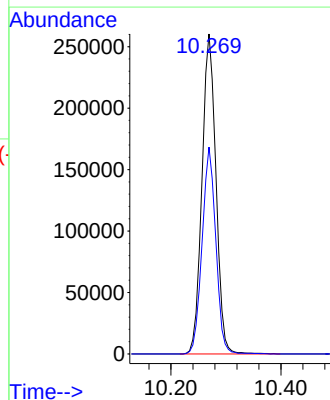
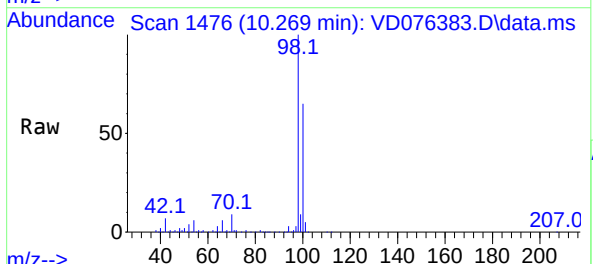


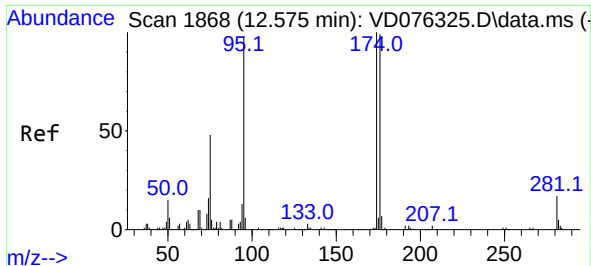
Tgt Ion:117 Resp: 21604
Ion Ratio Lower Upper
117 100
119 4.3 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 40.150 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076383.D
Acq: 08 Jun 2023 20:01

Tgt Ion: 98 Resp: 459041
Ion Ratio Lower Upper
98 100
100 63.4 50.3 75.5

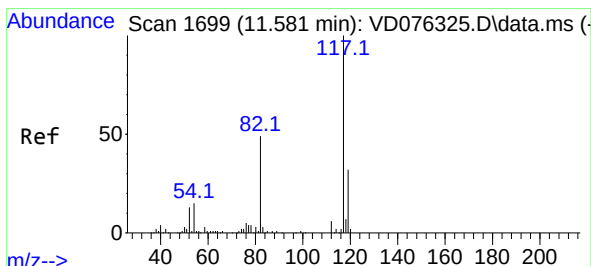
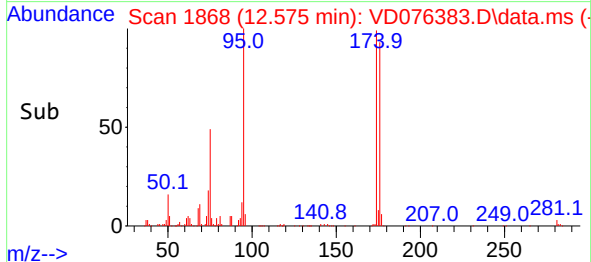
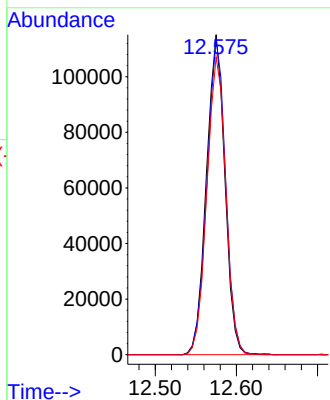
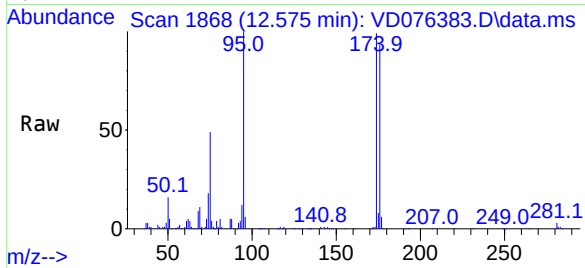




#62
4-Bromofluorobenzene
Concen: 59.876 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076383.D
Acq: 08 Jun 2023 20:01

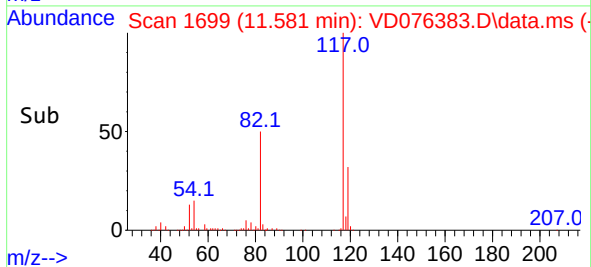
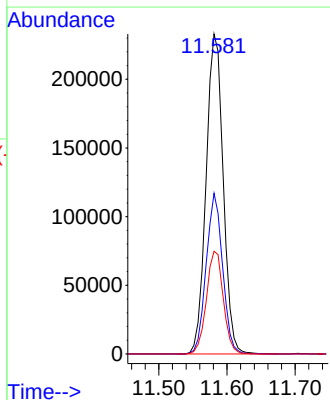
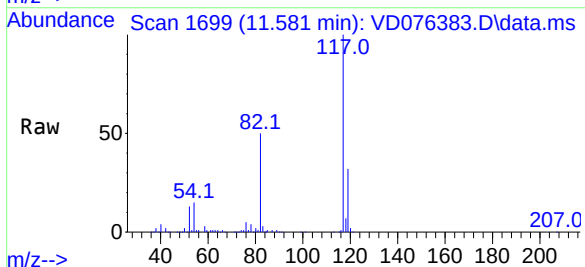
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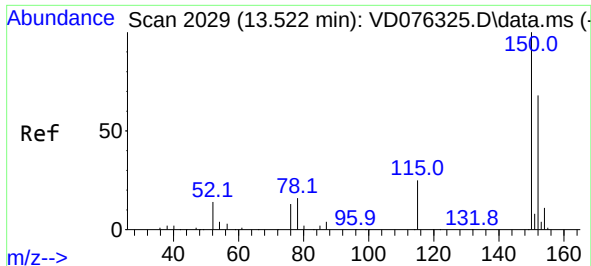
Tgt Ion:	95	Resp:	181167
Ion	Ratio	Lower	Upper
95	100		
174	100.1	0.0	201.8
176	95.5	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076383.D
Acq: 08 Jun 2023 20:01

Tgt Ion:	117	Resp:	407019
Ion	Ratio	Lower	Upper
117	100		
82	50.2	38.3	57.5
119	32.1	25.0	37.4

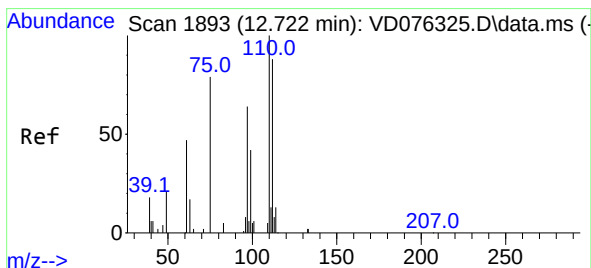
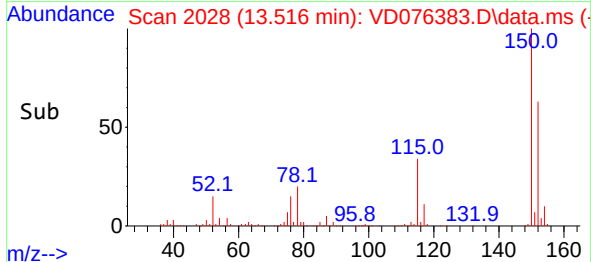
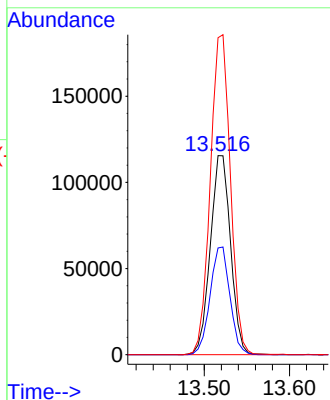
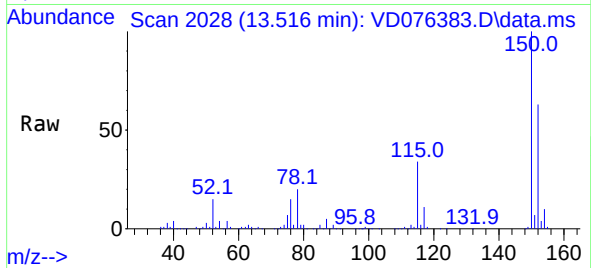




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD076383.D
Acq: 08 Jun 2023 20:01

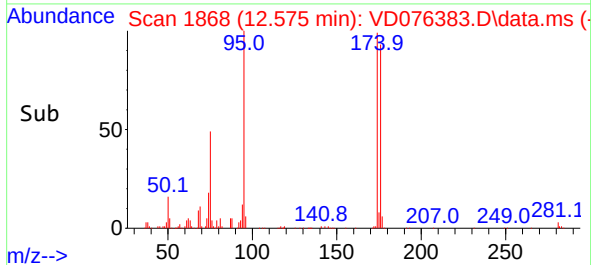
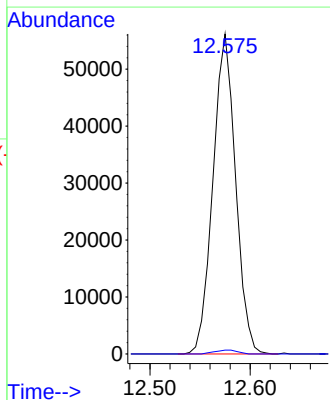
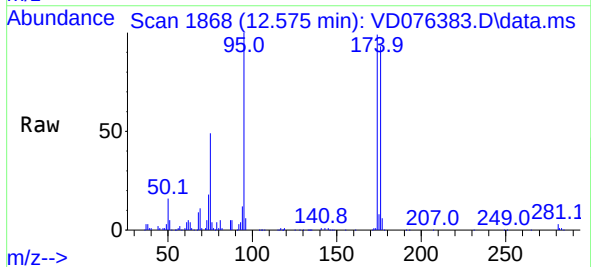
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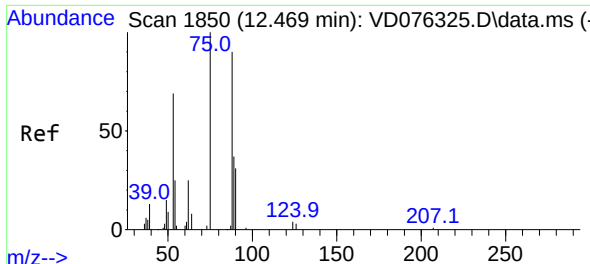
Tgt Ion:152 Resp: 191139
Ion Ratio Lower Upper
152 100
115 53.0 27.1 81.3
150 159.5 0.0 353.6



#76
1,2,3-Trichloropropane
Concen: 49.314 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076383.D
Acq: 08 Jun 2023 20:01

Tgt Ion: 75 Resp: 87986
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

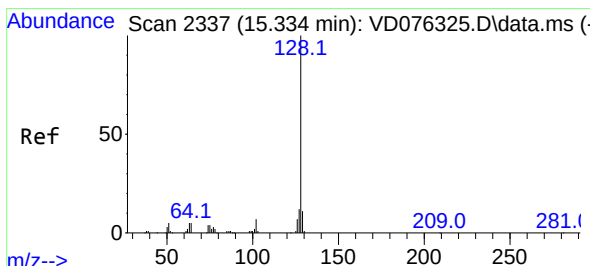
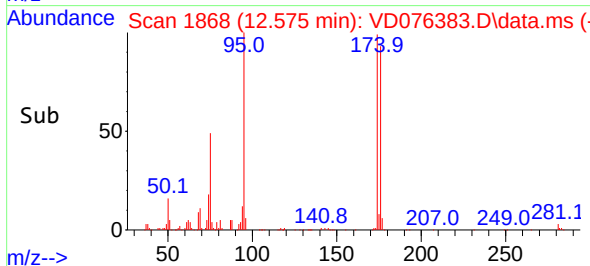
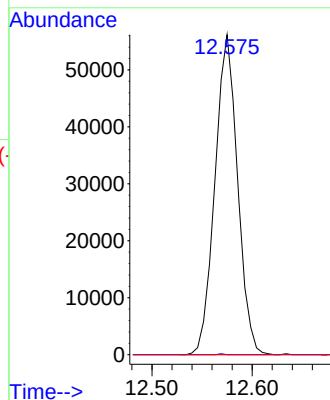
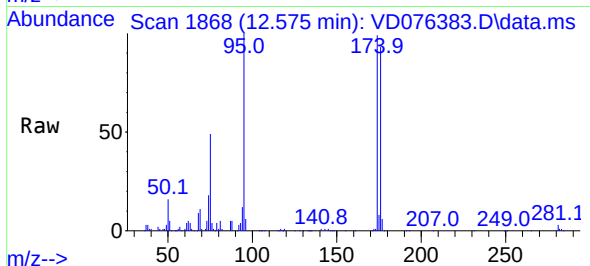




#81
trans-1,4-Dichloro-2-butene
Concen: 118.109 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD076383.D
Acq: 08 Jun 2023 20:01

Instrument :
MSVOA_D
ClientSampleId :
GT-05

Tgt Ion:	75	Resp:	87986
Ion	Ratio	Lower	Upper
75	100		
53	0.1	63.0	94.4#
89	0.0	37.9	56.9#



#95
Naphthalene
Concen: 3.372 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD076383.D
Acq: 08 Jun 2023 20:01

Tgt Ion:	128	Resp:	585
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.7	13.1#

