

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060823\
 Data File : VD076384.D
 Acq On : 08 Jun 2023 20:31
 Operator : KP/SY
 Sample : 03074-06
 Misc : 6.57G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GT-06

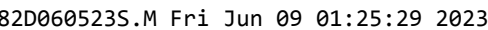
Quant Time: Jun 09 01:25:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

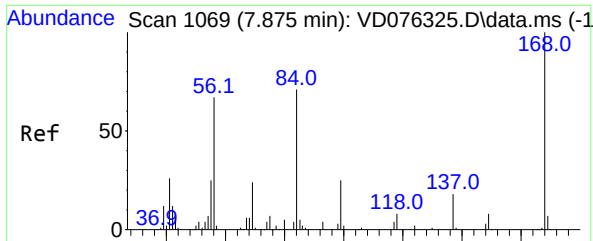
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	200618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	373011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	307958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	177309	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	141340	78.630	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 157.260%	
35) Dibromofluoromethane	7.799	113	175172	73.963	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 147.920%#	
50) Toluene-d8	10.269	98	279333	29.623	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134		Recovery	= 59.240%	
62) 4-Bromofluorobenzene	12.575	95	153459	61.495	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143		Recovery	= 122.980%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.799	84	6372	Below Cal		86
28) Bromochloromethane	7.410	49	61	Below Cal	#	71
31) Cyclohexane	7.875	56	3579	1.186	ug/l #	1
36) 1,1-Dichloropropene	7.869	75	13083	3.845	ug/l #	43
38) Carbon Tetrachloride	7.875	117	16935	5.677	ug/l #	16
71) Bromoform	12.569	173	1248	1.044	ug/l #	28
76) 1,2,3-Trichloropropane	12.575	75	74537	45.034	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	74537	107.860	ug/l #	17
95) Naphthalene	15.339	128	481	3.363	ug/l #	69

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

Quant Time: Jun 09 01:25:25 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

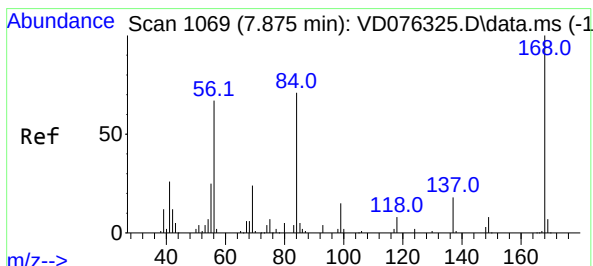
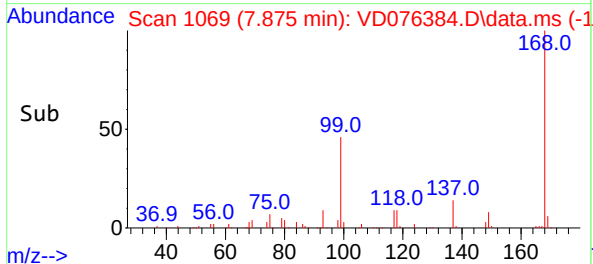
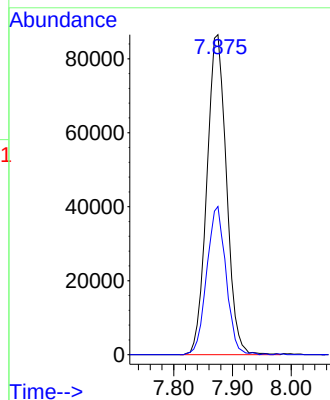
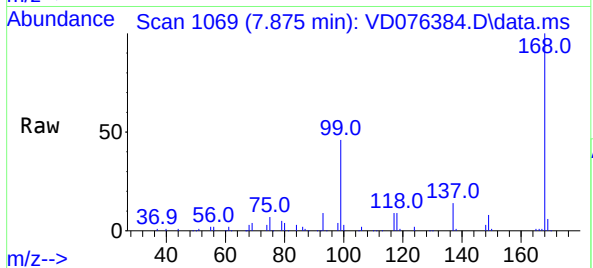




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076384.D
Acq: 08 Jun 2023 20:31

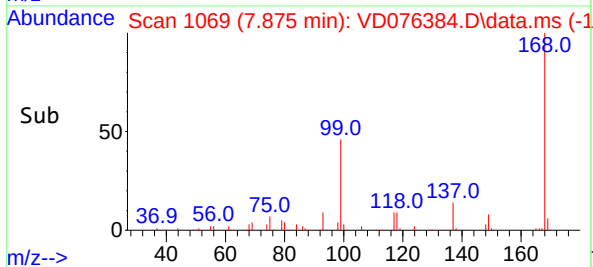
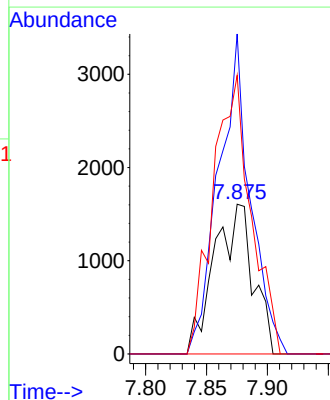
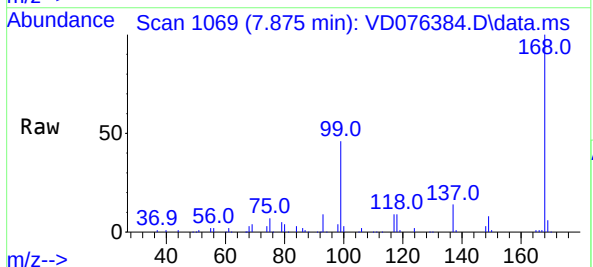
Instrument :
MSVOA_D
ClientSampleId :
GT-06

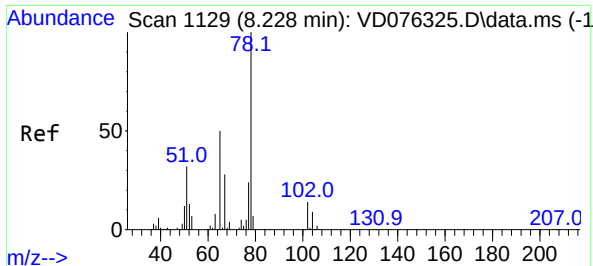
Tgt Ion:168 Resp: 200618
Ion Ratio Lower Upper
168 100
99 46.3 36.7 55.1



#31
Cyclohexane
Concen: 1.186 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076384.D
Acq: 08 Jun 2023 20:31

Tgt Ion: 56 Resp: 3579
Ion Ratio Lower Upper
56 100
69 213.6 28.6 43.0#
84 186.0 84.8 127.2#

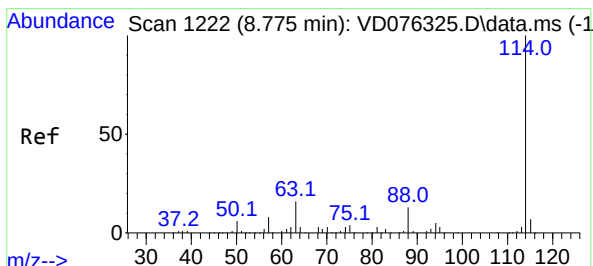
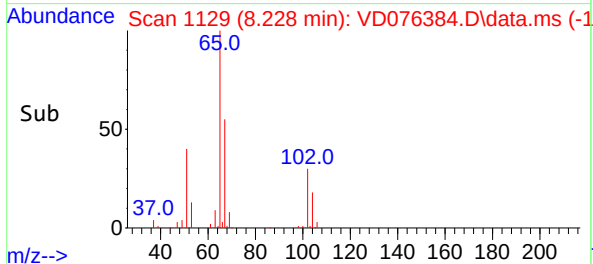
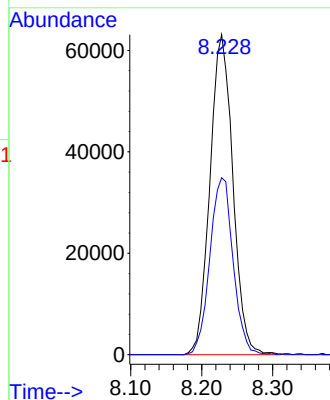
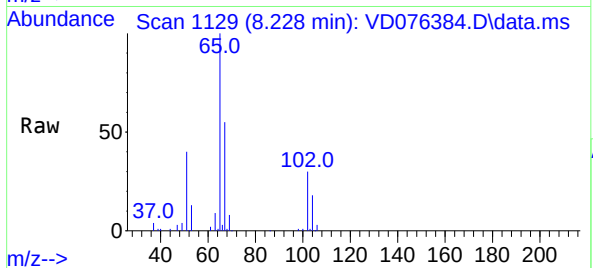




#33
1,2-Dichloroethane-d4
Concen: 78.630 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076384.D
Acq: 08 Jun 2023 20:31

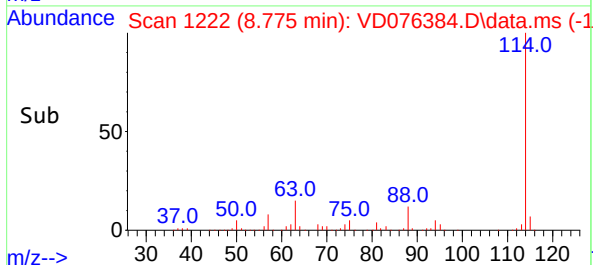
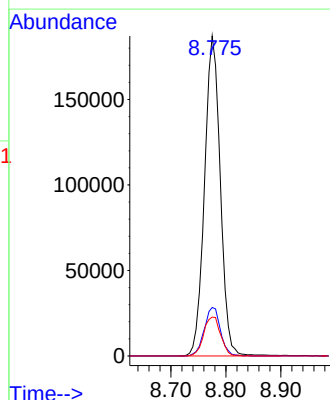
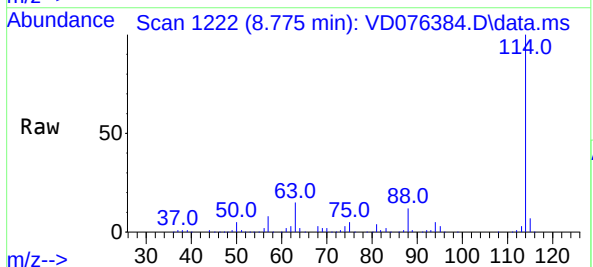
Instrument :
MSVOA_D
ClientSampleId :
GT-06

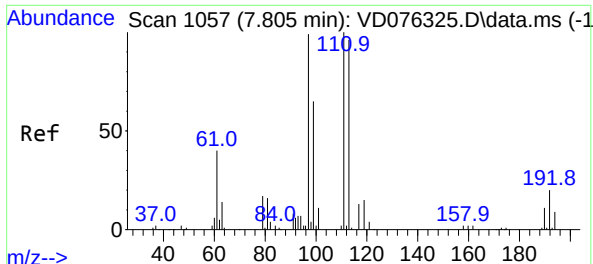
Tgt Ion: 65 Resp: 141340
Ion Ratio Lower Upper
65 100
67 56.0 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD076384.D
Acq: 08 Jun 2023 20:31

Tgt Ion: 114 Resp: 373011
Ion Ratio Lower Upper
114 100
63 15.1 0.0 33.4
88 12.2 0.0 26.2



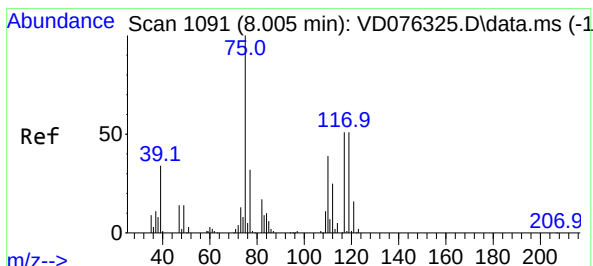
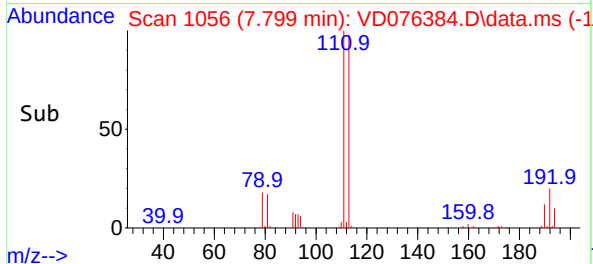
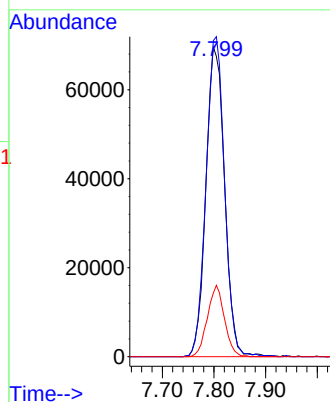
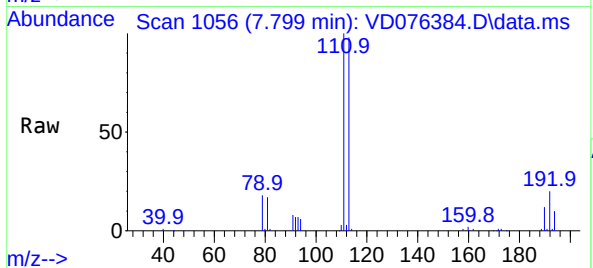


#35
 Dibromofluoromethane
 Concen: 73.963 ug/l
 RT: 7.799 min Scan# 1056
 Delta R.T. -0.006 min
 Lab File: VD076384.D
 Acq: 08 Jun 2023 20:31

Instrument :
 MSVOA_D
 ClientSampleId :
 GT-06

Tgt Ion:113 Resp: 175172

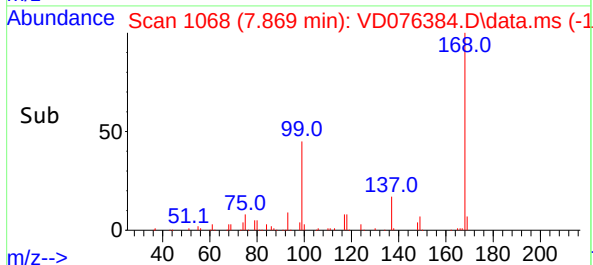
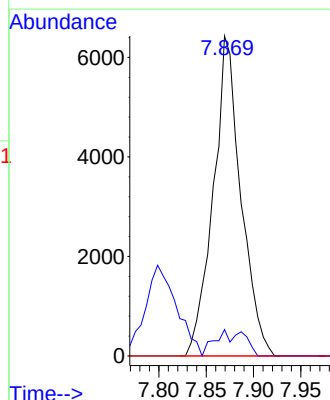
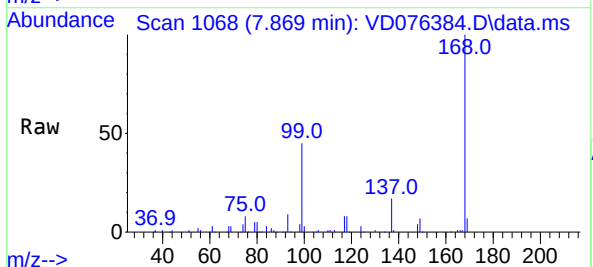
Ion	Ratio	Lower	Upper
113	100		
111	102.2	84.7	127.1
192	21.0	16.8	25.2

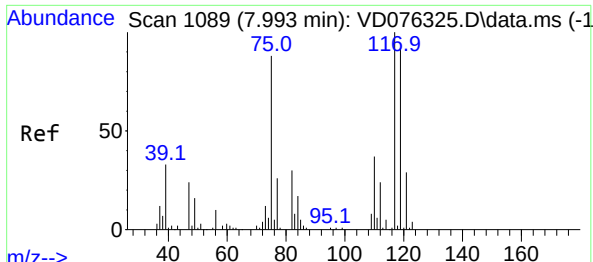


#36
 1,1-Dichloropropene
 Concen: 3.845 ug/l
 RT: 7.869 min Scan# 1068
 Delta R.T. -0.135 min
 Lab File: VD076384.D
 Acq: 08 Jun 2023 20:31

Tgt Ion: 75 Resp: 13083

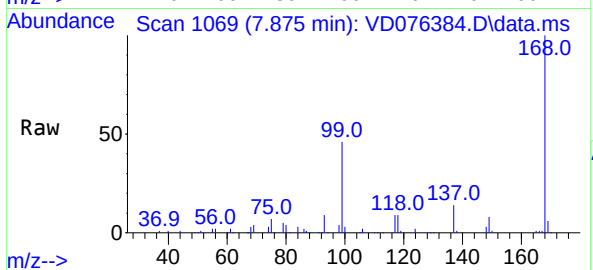
Ion	Ratio	Lower	Upper
75	100		
110	4.6	19.9	59.6#
77	0.0	24.7	37.1#



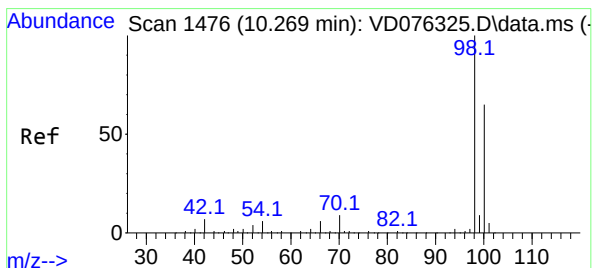
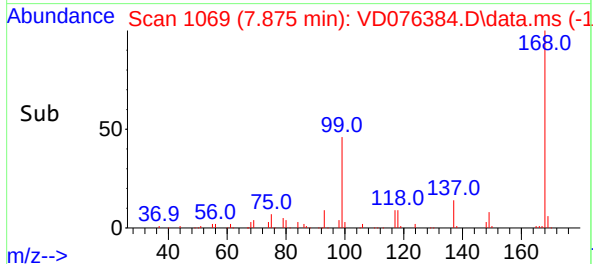
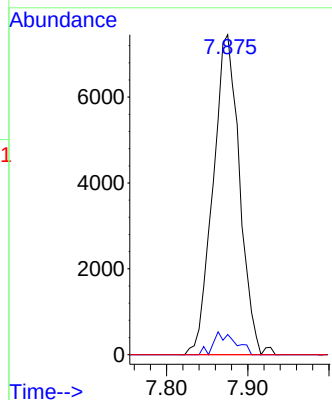


#38
Carbon Tetrachloride
Concen: 5.677 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076384.D
Acq: 08 Jun 2023 20:31

Instrument :
MSVOA_D
ClientSampleId :
GT-06

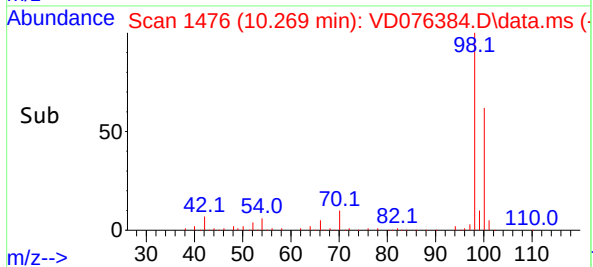
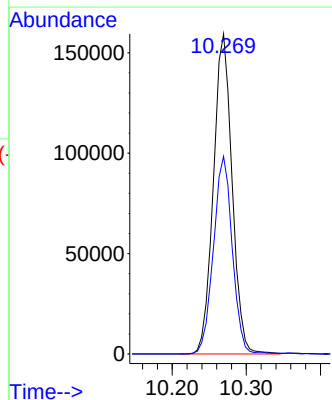
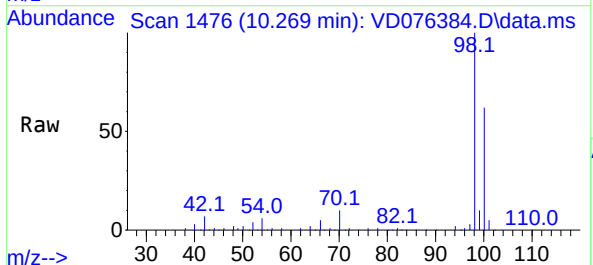


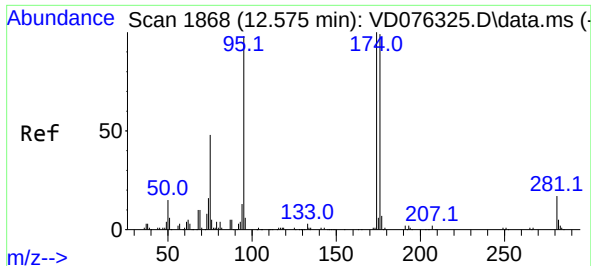
Tgt Ion:117 Resp: 16935
Ion Ratio Lower Upper
117 100
119 6.3 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 29.623 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076384.D
Acq: 08 Jun 2023 20:31

Tgt Ion: 98 Resp: 279333
Ion Ratio Lower Upper
98 100
100 62.1 50.3 75.5



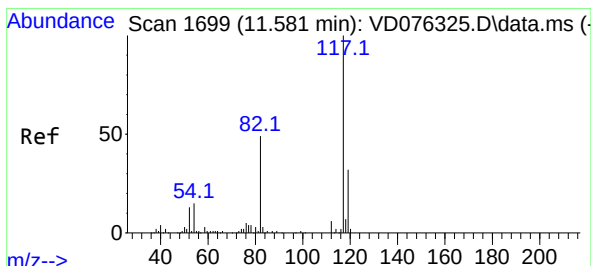
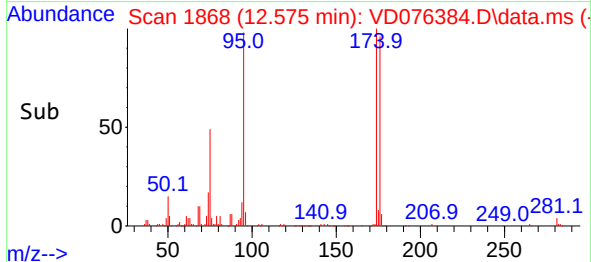
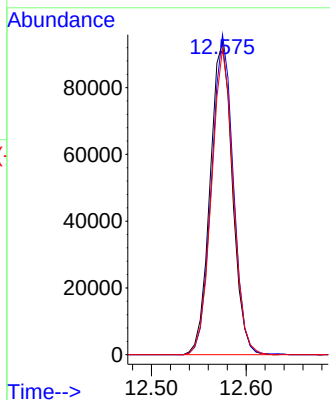
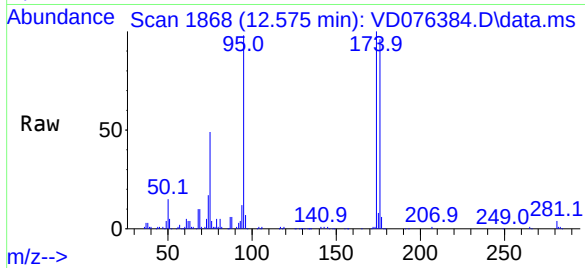


#62
4-Bromofluorobenzene
Concen: 61.495 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076384.D
Acq: 08 Jun 2023 20:31

Instrument :
MSVOA_D
ClientSampleId :
GT-06

Tgt Ion: 95 Resp: 153459

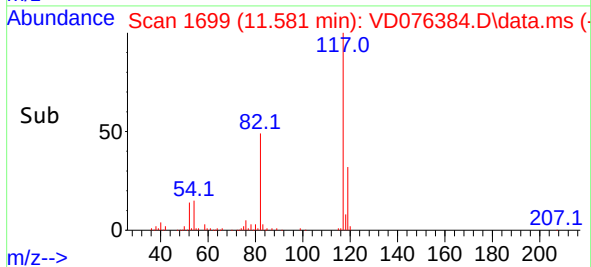
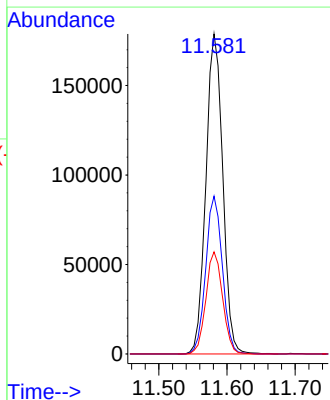
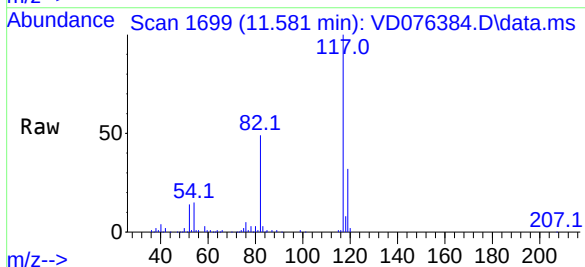
Ion	Ratio	Lower	Upper
95	100		
174	99.4	0.0	201.8
176	95.2	0.0	191.8

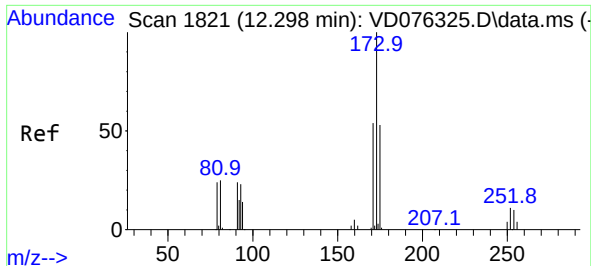


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076384.D
Acq: 08 Jun 2023 20:31

Tgt Ion: 117 Resp: 307958

Ion	Ratio	Lower	Upper
117	100		
82	49.3	38.3	57.5
119	31.9	25.0	37.4

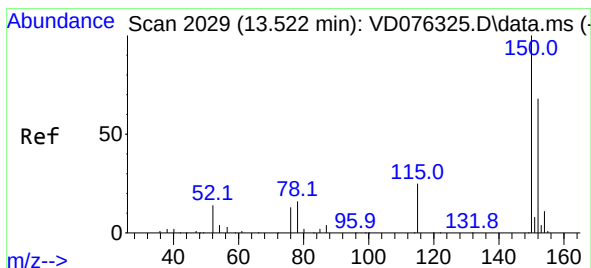
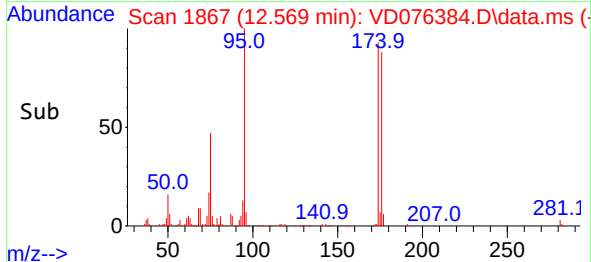
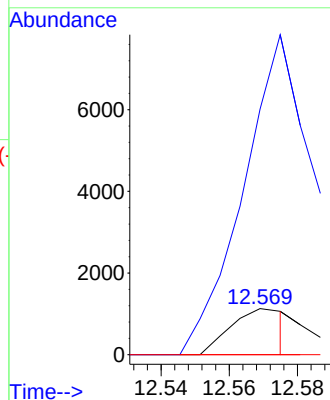
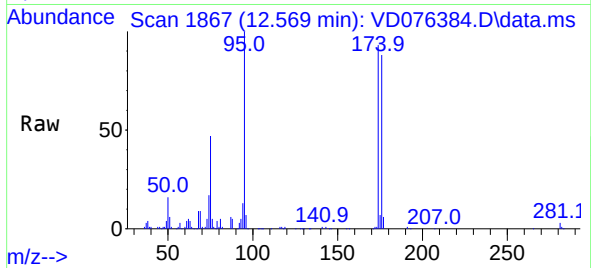




#71
Bromoform
Concen: 1.044 ug/l
RT: 12.569 min Scan# 1821
Delta R.T. 0.271 min
Lab File: VD076384.D
Acq: 08 Jun 2023 20:31

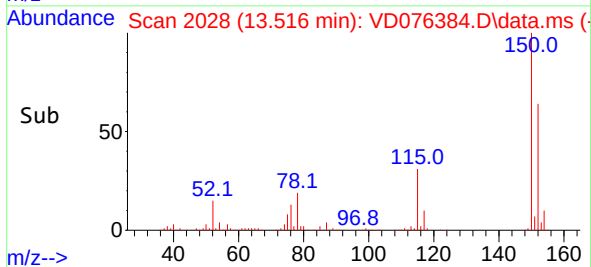
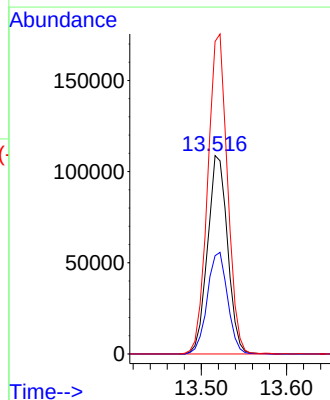
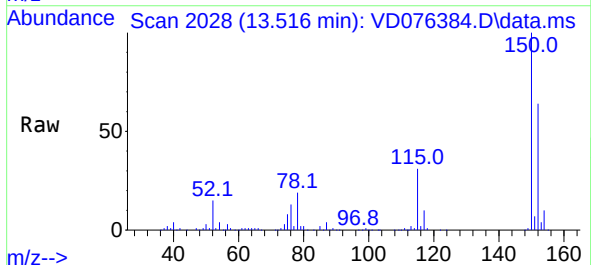
Instrument :
MSVOA_D
ClientSampleId :
GT-06

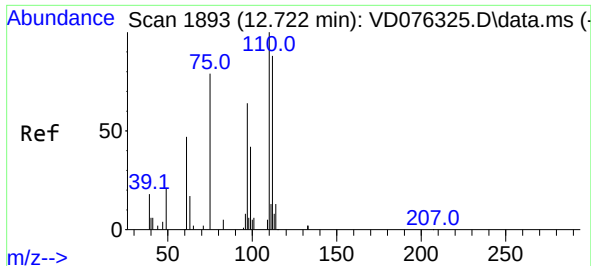
Tgt Ion:173 Resp: 1248
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076384.D
Acq: 08 Jun 2023 20:31

Tgt Ion:152 Resp: 177309
Ion Ratio Lower Upper
152 100
115 52.1 27.1 81.3
150 159.1 0.0 353.6

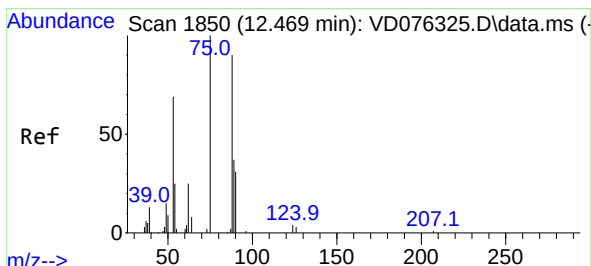
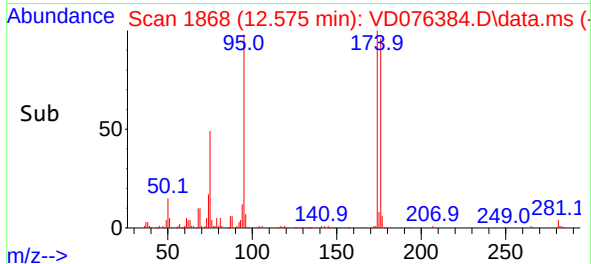
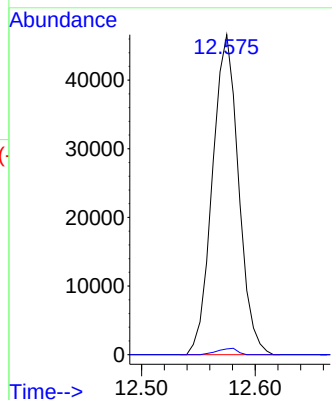
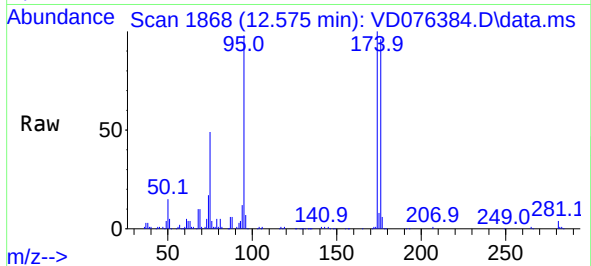




#76
1,2,3-Trichloropropane
Concen: 45.034 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076384.D
Acq: 08 Jun 2023 20:31

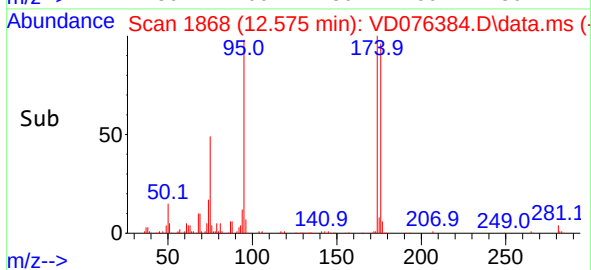
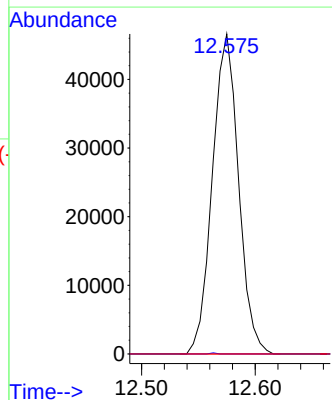
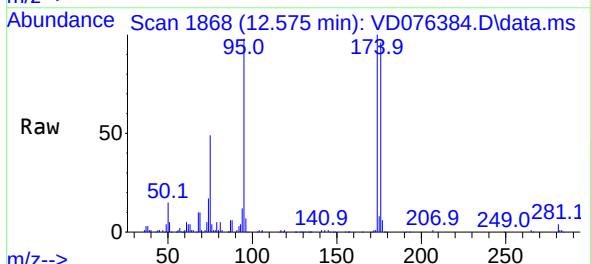
Instrument :
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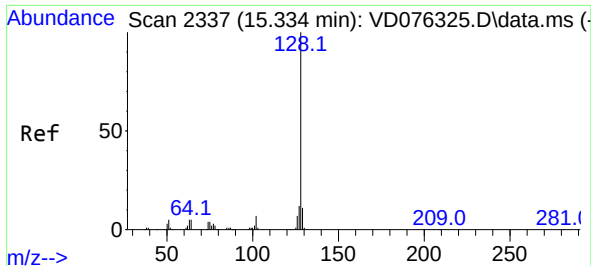
Tgt Ion: 75 Resp: 74537
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.860 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076384.D
Acq: 08 Jun 2023 20:31

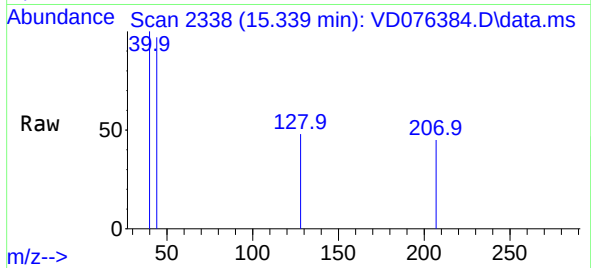
Tgt Ion: 75 Resp: 74537
Ion Ratio Lower Upper
75 100
53 0.1 63.0 94.4#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 3.363 ug/l
RT: 15.339 min Scan# 21
Delta R.T. 0.005 min
Lab File: VD076384.D
Acq: 08 Jun 2023 20:31

Instrument :
MSVOA_D
ClientSampleId :
GT-06



Tgt Ion:	128	Resp:	481
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.7	13.1#

