

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060823\
 Data File : VD076380.D
 Acq On : 08 Jun 2023 18:31
 Operator : KP/SY
 Sample : 03074-02
 Misc : 6.96G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GT-02

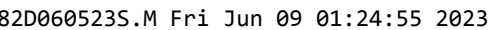
Quant Time: Jun 09 01:24:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

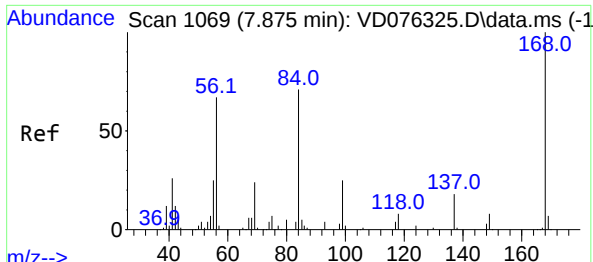
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.869	168	225303	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	431941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	357207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	109395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	157507	78.024	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	156.040%
35) Dibromofluoromethane	7.799	113	208487	76.019	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	152.040%#
50) Toluene-d8	10.269	98	482995	44.233	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.460%
62) 4-Bromofluorobenzene	12.575	95	130729	45.239	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.480%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.781	84	3723	Below Cal	#	75
28) Bromochloromethane	7.416	49	60	Below Cal	#	1
31) Cyclohexane	7.869	56	4320	1.275	ug/l #	27
36) 1,1-Dichloropropene	7.875	75	16093	4.084	ug/l #	47
38) Carbon Tetrachloride	7.875	117	19889	5.758	ug/l #	15
51) 4-Methyl-2-Pentanone	10.269	43	1229	1.001	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	64195	62.865	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	64195	150.565	ug/l #	17
95) Naphthalene	15.339	128	393	3.386	ug/l #	69

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

Quant Time: Jun 09 01:24:52 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

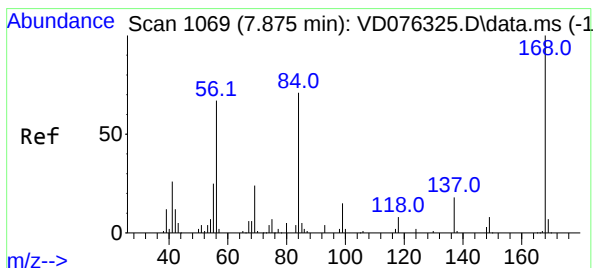
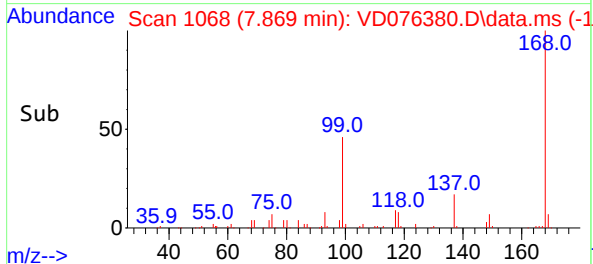
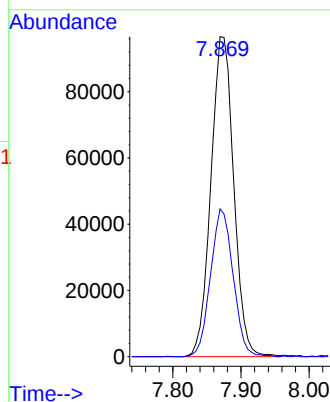
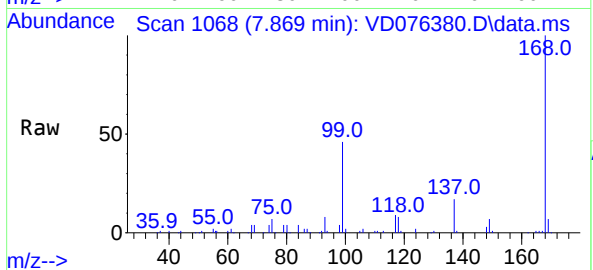




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076380.D
Acq: 08 Jun 2023 18:31

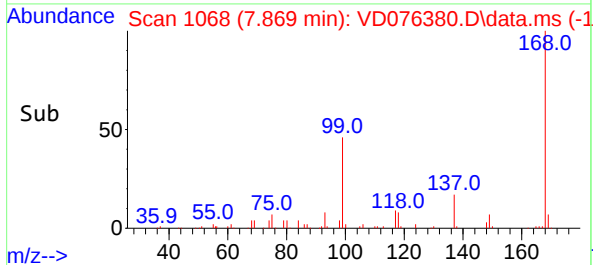
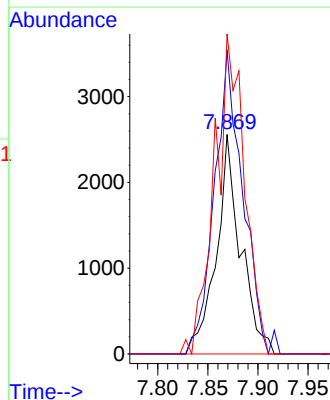
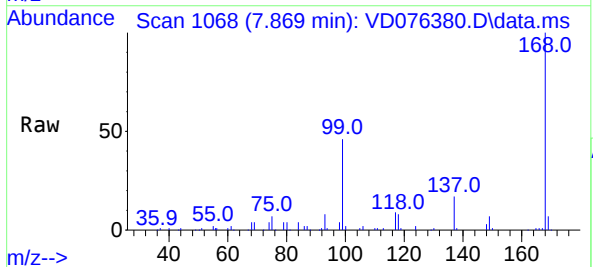
Instrument :
MSVOA_D
ClientSampleId :
GT-02

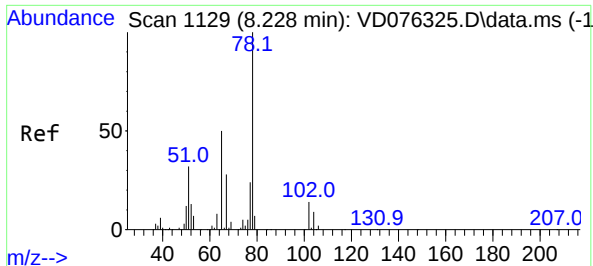
Tgt Ion:168 Resp: 225303
Ion Ratio Lower Upper
168 100
99 46.2 36.7 55.1



#31
Cyclohexane
Concen: 1.275 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076380.D
Acq: 08 Jun 2023 18:31

Tgt Ion: 56 Resp: 4320
Ion Ratio Lower Upper
56 100
69 138.3 28.6 43.0#
84 145.8 84.8 127.2#

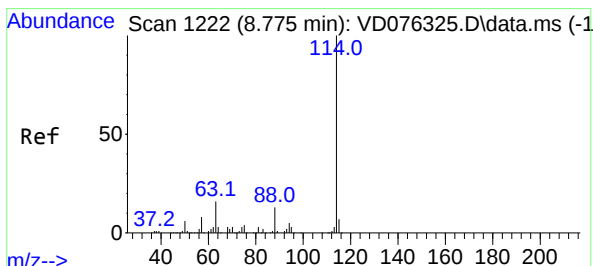
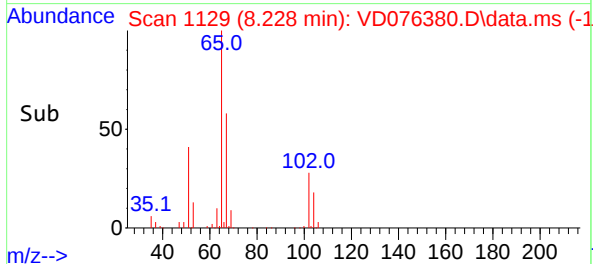
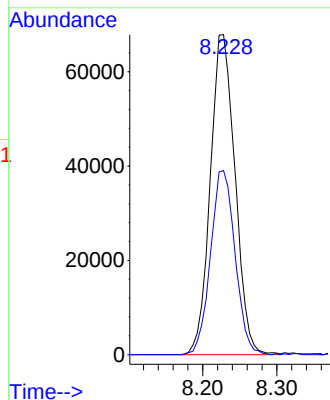
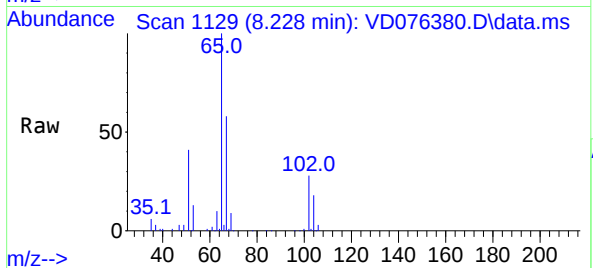




#33
1,2-Dichloroethane-d4
Concen: 78.024 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076380.D
Acq: 08 Jun 2023 18:31

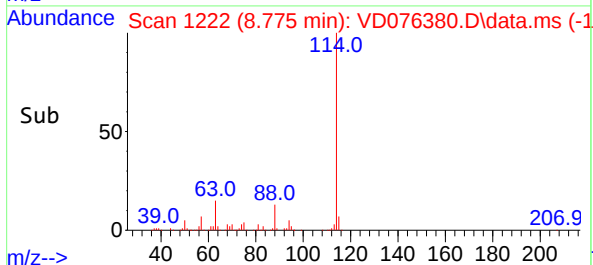
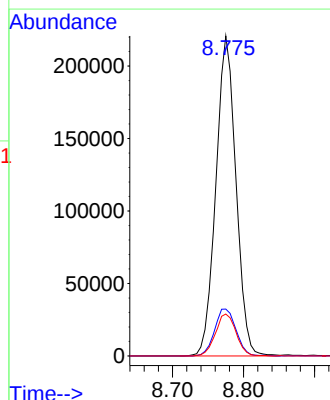
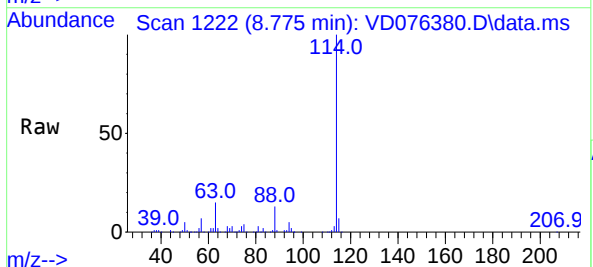
Instrument :
MSVOA_D
ClientSampleId :
GT-02

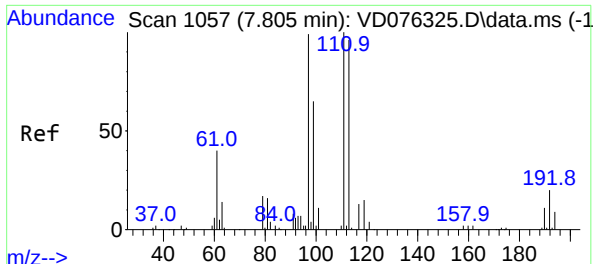
Tgt Ion: 65 Resp: 157507
Ion Ratio Lower Upper
65 100
67 57.0 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD076380.D
Acq: 08 Jun 2023 18:31

Tgt Ion: 114 Resp: 431941
Ion Ratio Lower Upper
114 100
63 14.6 0.0 33.4
88 13.1 0.0 26.2

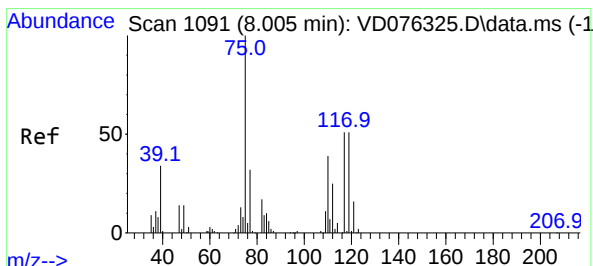
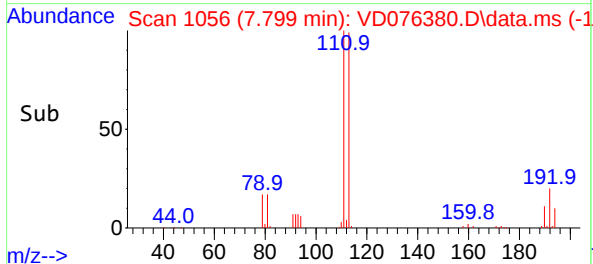
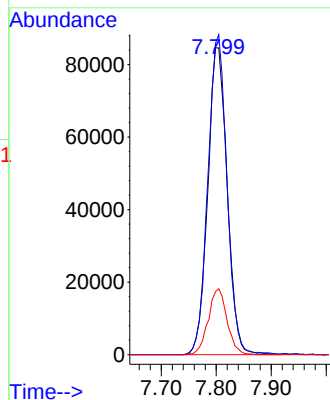
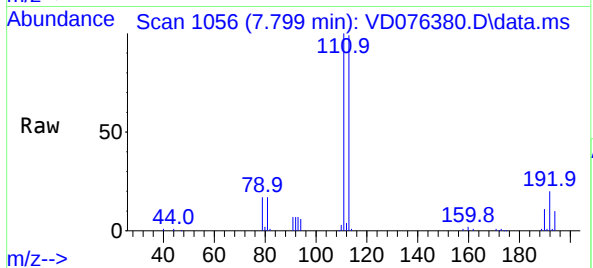




#35
 Dibromofluoromethane
 Concen: 76.019 ug/l
 RT: 7.799 min Scan# 1056
 Delta R.T. -0.006 min
 Lab File: VD076380.D
 Acq: 08 Jun 2023 18:31

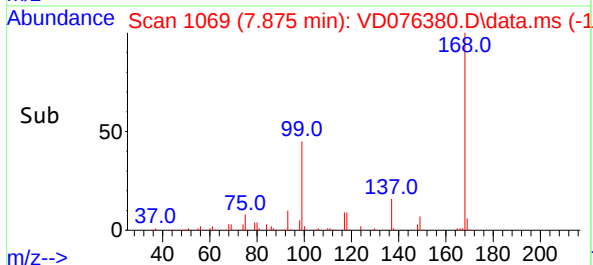
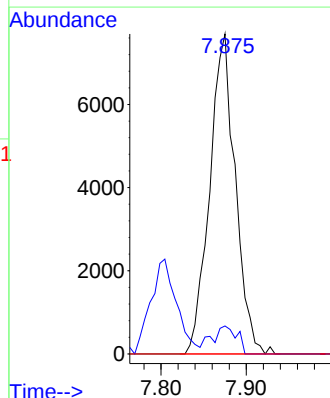
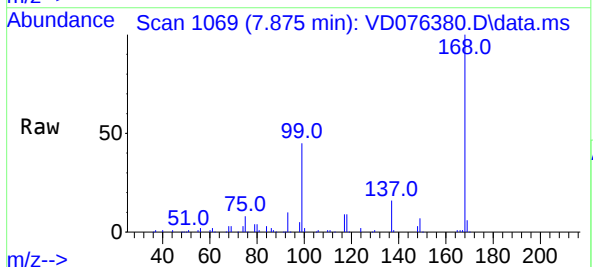
Instrument : MSVOA_D
 ClientSampleId : GT-02

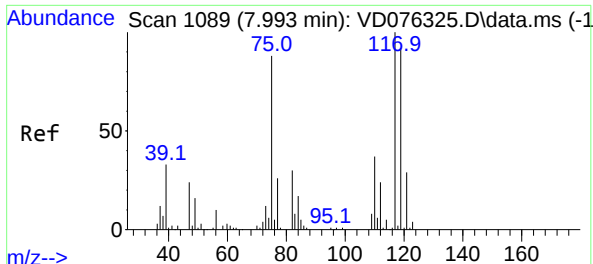
Tgt Ion:113 Resp: 208487
 Ion Ratio Lower Upper
 113 100
 111 102.0 84.7 127.1
 192 20.7 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 4.084 ug/l
 RT: 7.875 min Scan# 1069
 Delta R.T. -0.129 min
 Lab File: VD076380.D
 Acq: 08 Jun 2023 18:31

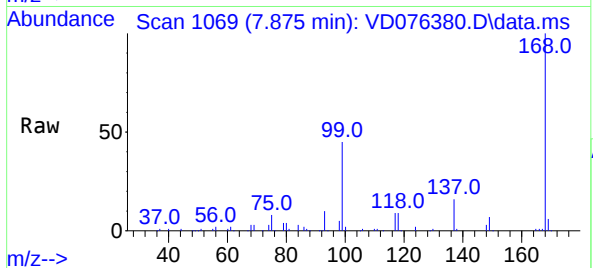
Tgt Ion: 75 Resp: 16093
 Ion Ratio Lower Upper
 75 100
 110 8.6 19.9 59.6#
 77 0.0 24.7 37.1#



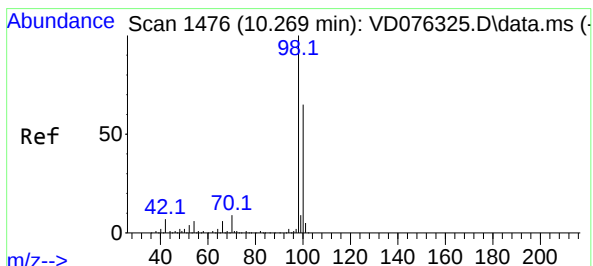
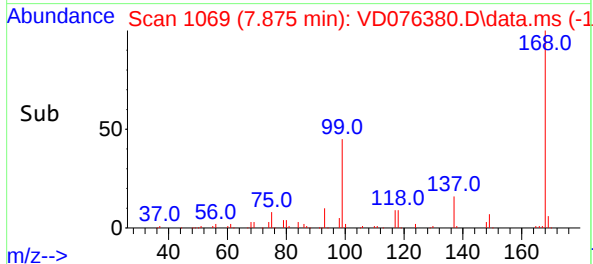
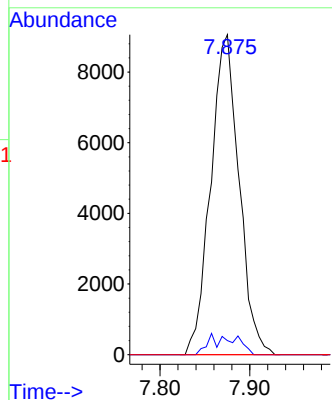


#38
Carbon Tetrachloride
Concen: 5.758 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076380.D
Acq: 08 Jun 2023 18:31

Instrument :
MSVOA_D
ClientSampleId :
GT-02

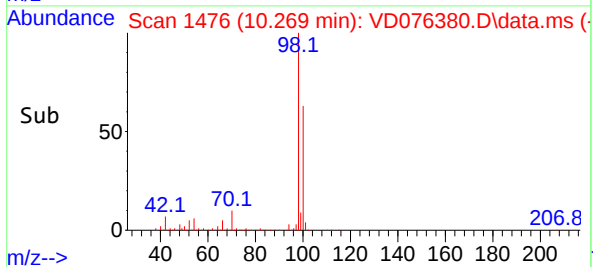
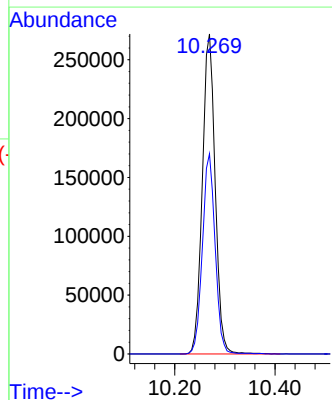
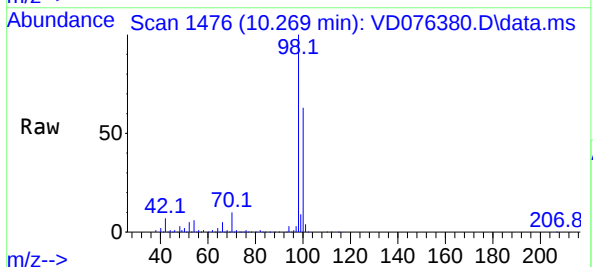


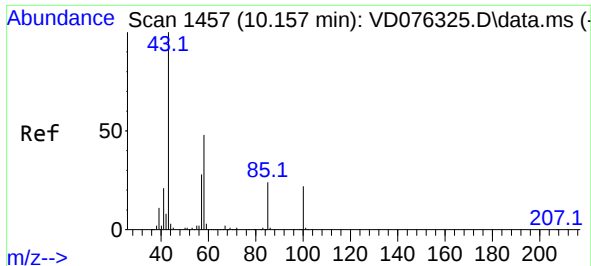
Tgt Ion:117 Resp: 19889
Ion Ratio Lower Upper
117 100
119 4.4 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 44.233 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076380.D
Acq: 08 Jun 2023 18:31

Tgt Ion: 98 Resp: 482995
Ion Ratio Lower Upper
98 100
100 62.0 50.3 75.5

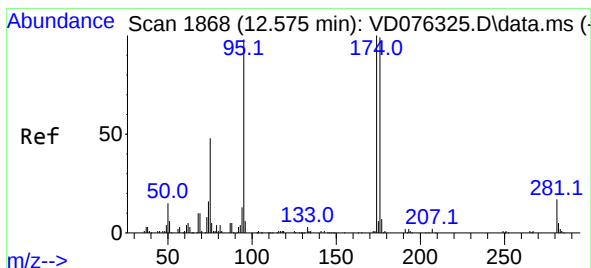
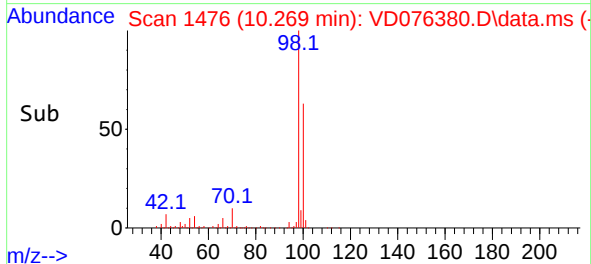
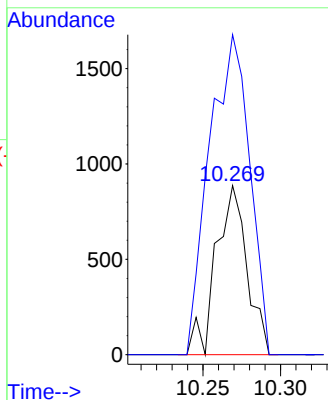
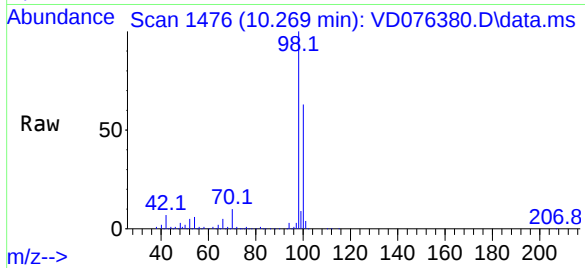




#51
4-Methyl-2-Pentanone
Concen: 1.001 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD076380.D
Acq: 08 Jun 2023 18:31

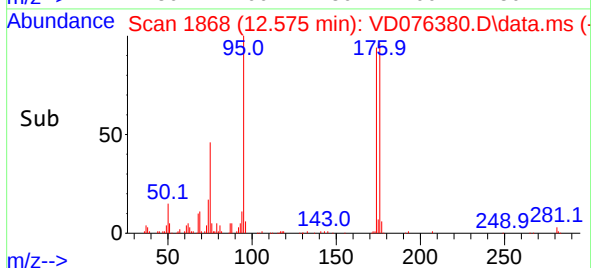
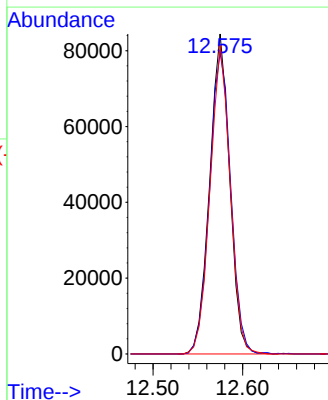
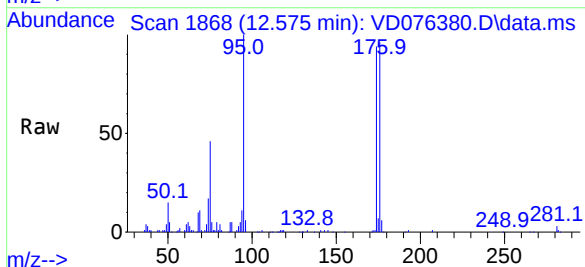
Instrument :
MSVOA_D
ClientSampleId :
GT-02

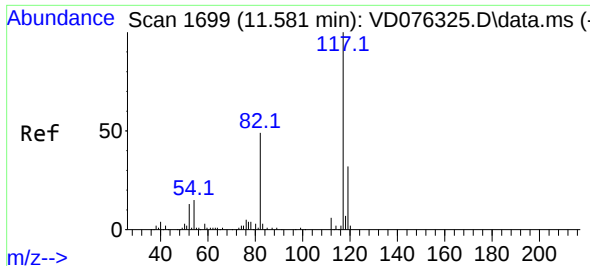
Tgt Ion: 43 Resp: 1229
Ion Ratio Lower Upper
43 100
58 246.5 38.9 58.3#



#62
4-Bromofluorobenzene
Concen: 45.239 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076380.D
Acq: 08 Jun 2023 18:31

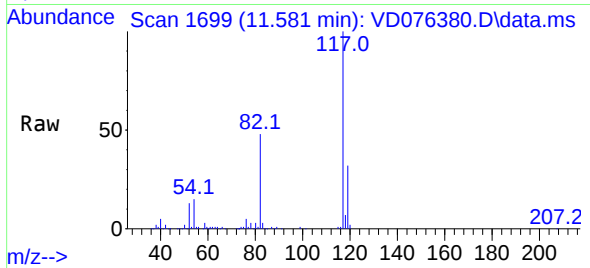
Tgt Ion: 95 Resp: 130729
Ion Ratio Lower Upper
95 100
174 100.1 0.0 201.8
176 96.6 0.0 191.8



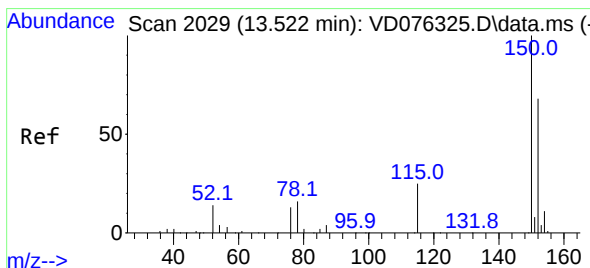
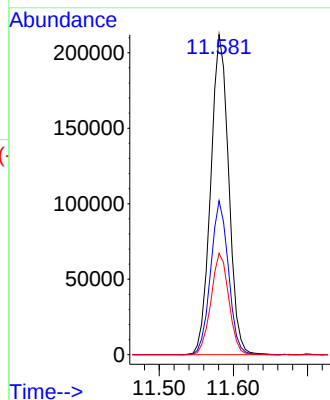
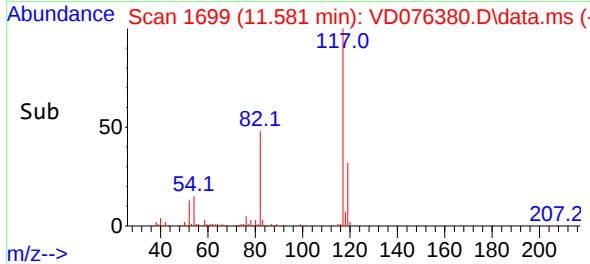


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076380.D
Acq: 08 Jun 2023 18:31

Instrument :
MSVOA_D
ClientSampleId :
GT-02

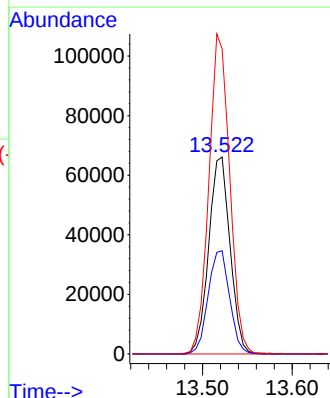
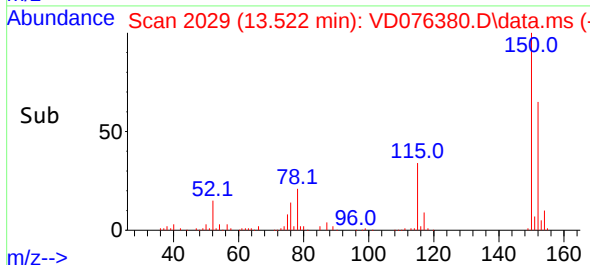
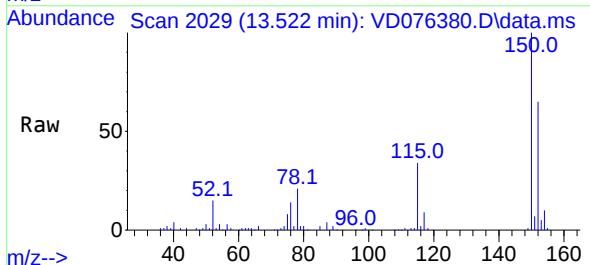


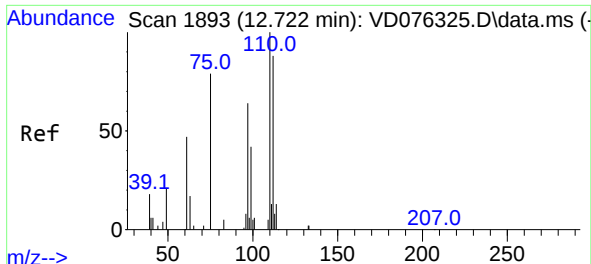
Tgt Ion:117 Resp: 357207
Ion Ratio Lower Upper
117 100
82 48.1 38.3 57.5
119 31.7 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076380.D
Acq: 08 Jun 2023 18:31

Tgt Ion:152 Resp: 109395
Ion Ratio Lower Upper
152 100
115 52.5 27.1 81.3
150 158.3 0.0 353.6

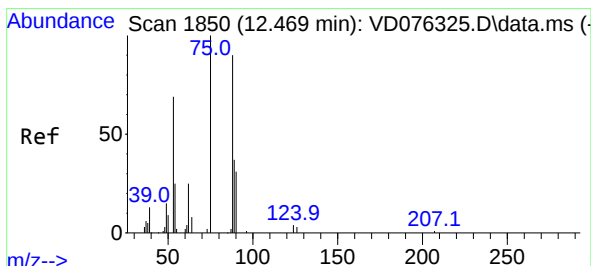
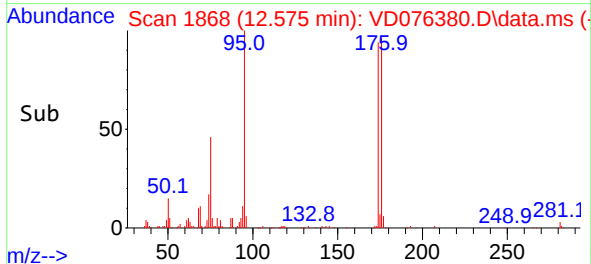
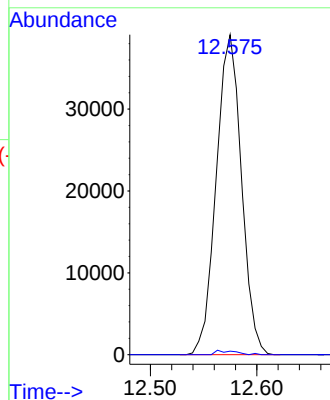
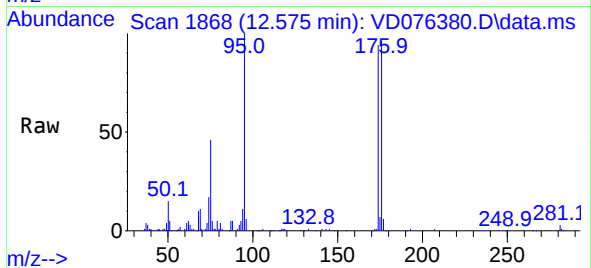




#76
1,2,3-Trichloropropane
Concen: 62.865 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076380.D
Acq: 08 Jun 2023 18:31

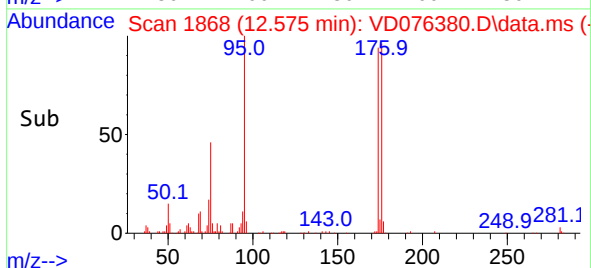
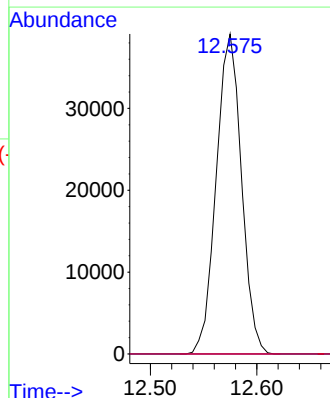
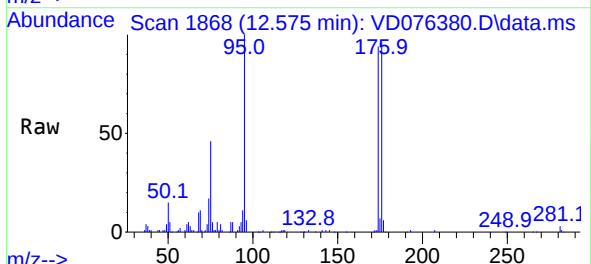
Instrument :
MSVOA_D
ClientSampleId :
GT-02

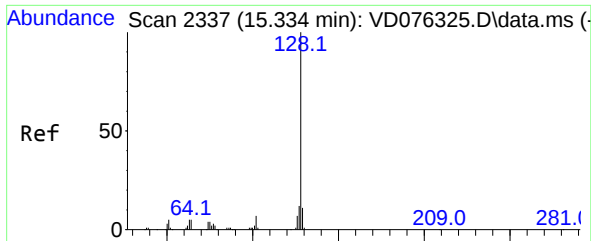
Tgt Ion: 75 Resp: 64195
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 150.565 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076380.D
Acq: 08 Jun 2023 18:31

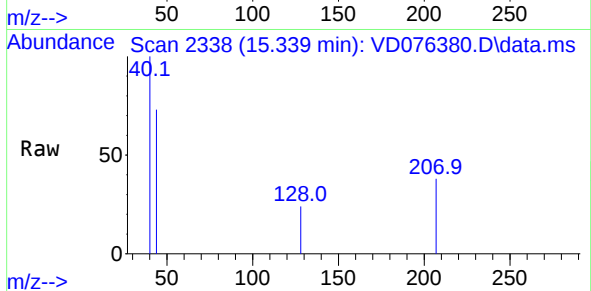
Tgt Ion: 75 Resp: 64195
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 3.386 ug/l
RT: 15.339 min Scan# 21
Delta R.T. 0.005 min
Lab File: VD076380.D
Acq: 08 Jun 2023 18:31

Instrument :
MSVOA_D
ClientSampleId :
GT-02



Tgt Ion:	128	Resp:	393
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.7	13.1#

