

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060823\
 Data File : VD076381.D
 Acq On : 08 Jun 2023 19:01
 Operator : KP/SY
 Sample : 03074-03
 Misc : 2.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GT-03

Quant Time: Jun 09 01:24:59 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)

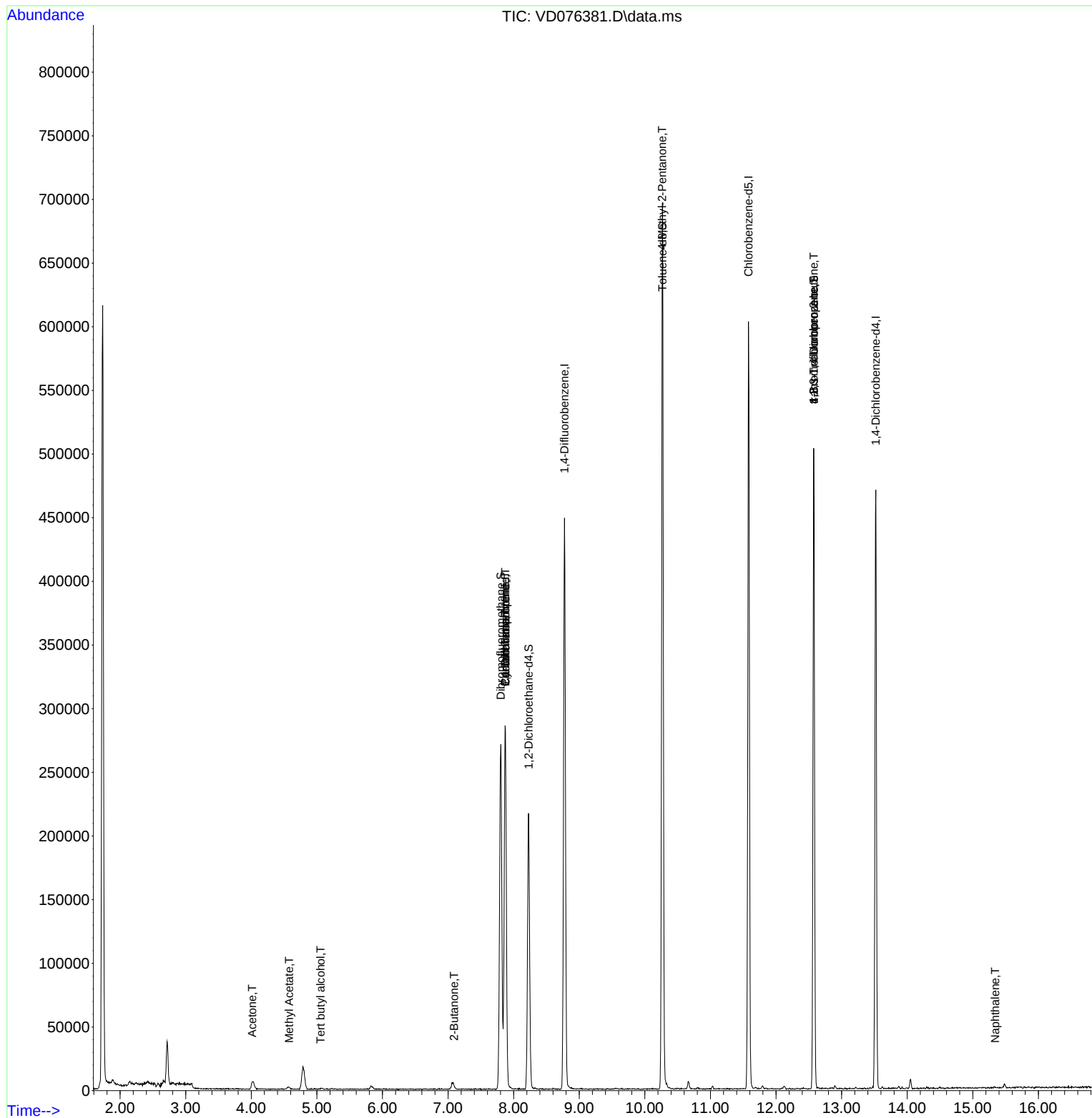
Internal Standards						
1) Pentafluorobenzene	7.875	168	247314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	440195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	387023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	143426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	160111	72.255	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 144.500%			
35) Dibromofluoromethane	7.804	113	198694	71.090	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 142.180%			
50) Toluene-d8	10.269	98	513998	46.189	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 92.380%			
62) 4-Bromofluorobenzene	12.575	95	147595	50.118	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.240%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	5.057	59	2101	16.965	ug/l #	73
16) Acetone	4.016	43	11312	27.871	ug/l	95
18) Methyl Acetate	4.575	43	3129	1.818	ug/l	94
25) 2-Butanone	7.093	43	812	1.445	ug/l #	37
28) Bromochloromethane	7.416	49	215	Below Cal	#	1
31) Cyclohexane	7.875	56	4340	1.167	ug/l #	23
36) 1,1-Dichloropropene	7.875	75	16991	4.231	ug/l #	47
38) Carbon Tetrachloride	7.875	117	21445	6.092	ug/l #	15
51) 4-Methyl-2-Pentanone	10.263	43	1675	1.338	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	71568	53.456	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	71568	128.030	ug/l #	17
95) Naphthalene	15.339	128	752	3.429	ug/l #	69

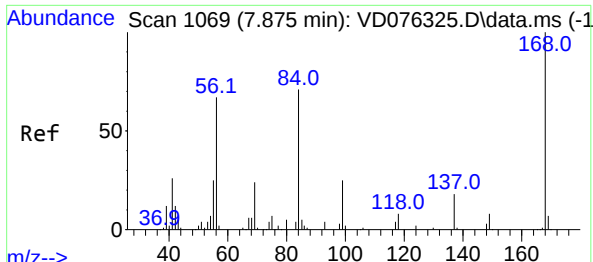
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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GT-03

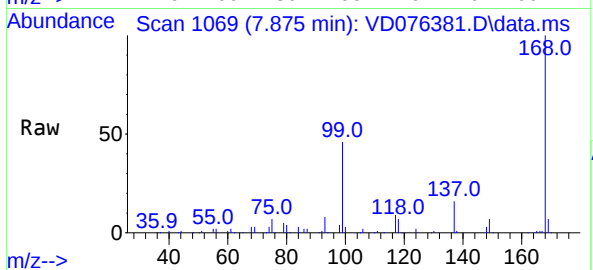
Quant Time: Jun 09 01:24:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 06 02:52:23 2023
Response via : Initial Calibration



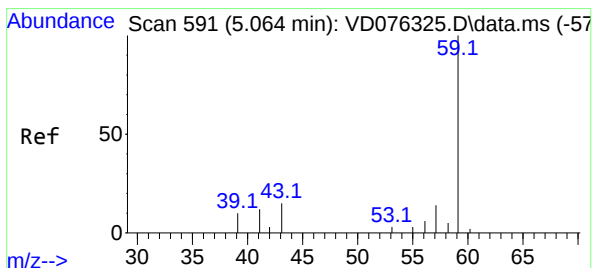
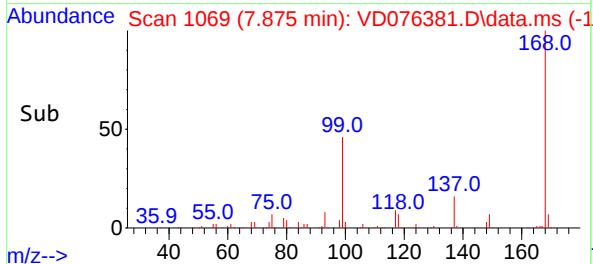
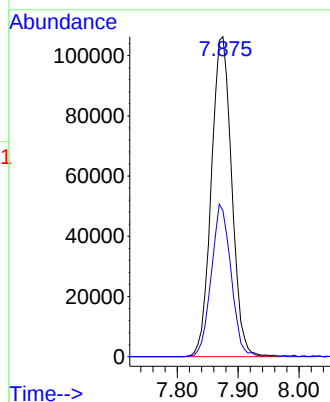


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076381.D
Acq: 08 Jun 2023 19:01

Instrument :
MSVOA_D
ClientSampleId :
GT-03

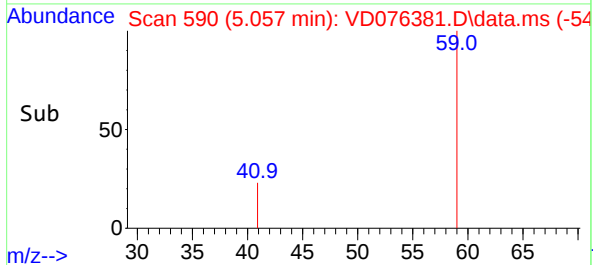
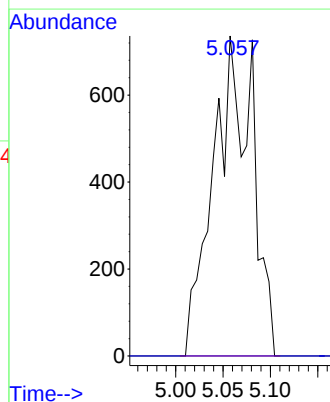
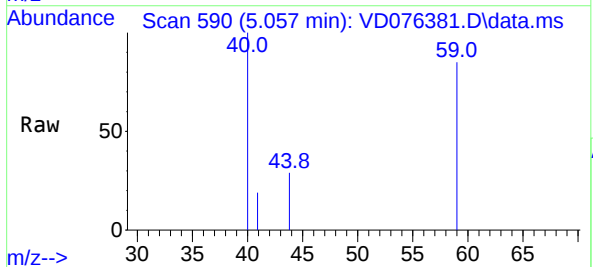


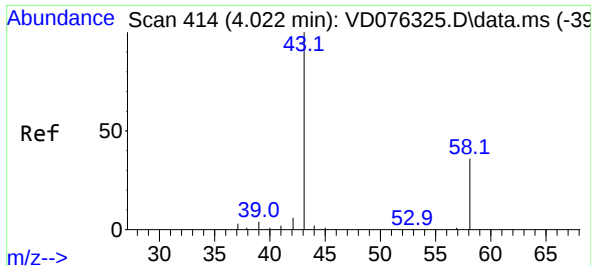
Tgt Ion:168 Resp: 247314
Ion Ratio Lower Upper
168 100
99 45.6 36.7 55.1



#11
Tert butyl alcohol
Concen: 16.965 ug/l
RT: 5.057 min Scan# 590
Delta R.T. -0.006 min
Lab File: VD076381.D
Acq: 08 Jun 2023 19:01

Tgt Ion: 59 Resp: 2101
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

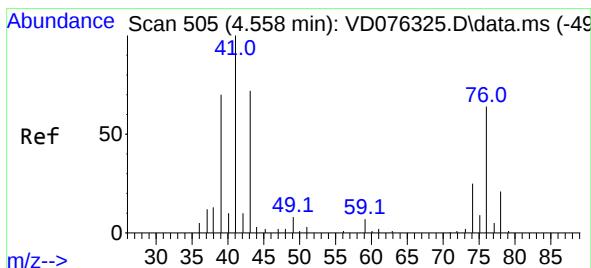
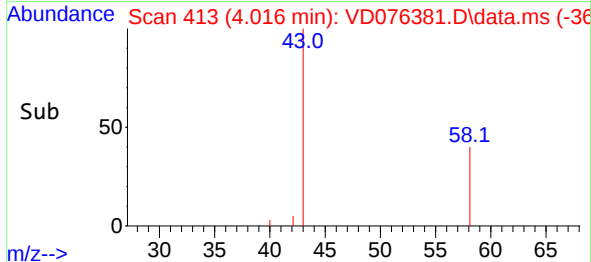
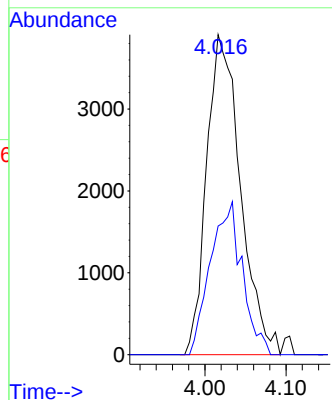
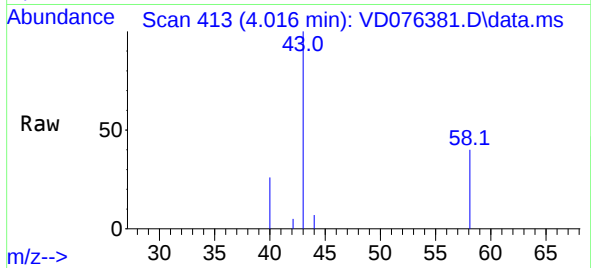




#16
Acetone
Concen: 27.871 ug/l
RT: 4.016 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD076381.D
Acq: 08 Jun 2023 19:01

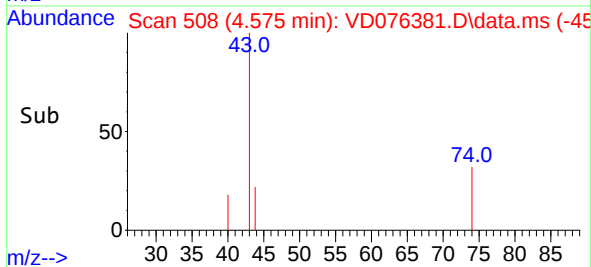
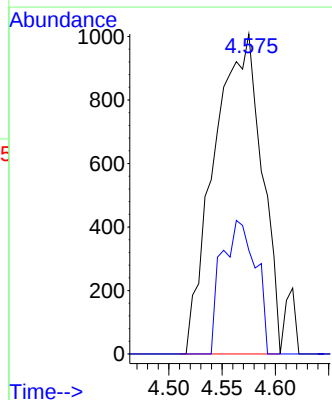
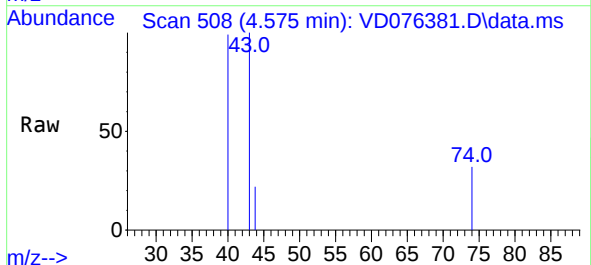
Instrument :
MSVOA_D
ClientSampleId :
GT-03

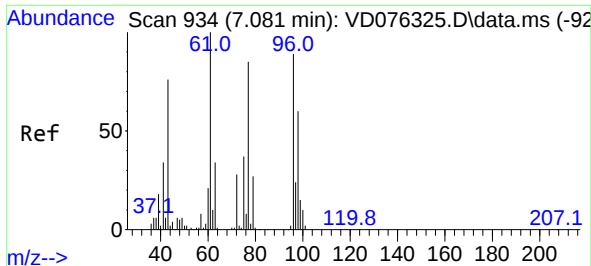
Tgt Ion: 43 Resp: 11312
Ion Ratio Lower Upper
43 100
58 40.2 34.7 52.1



#18
Methyl Acetate
Concen: 1.818 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.017 min
Lab File: VD076381.D
Acq: 08 Jun 2023 19:01

Tgt Ion: 43 Resp: 3129
Ion Ratio Lower Upper
43 100
74 29.8 26.4 39.6

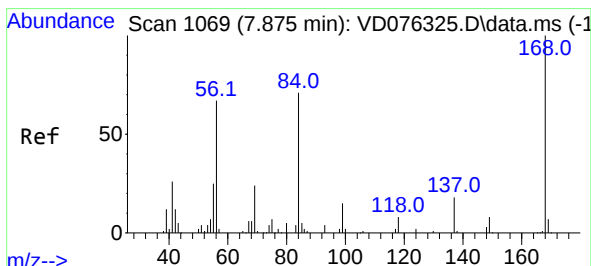
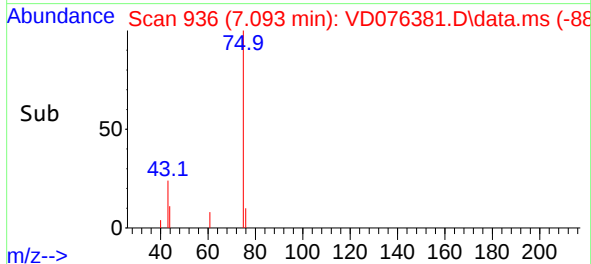
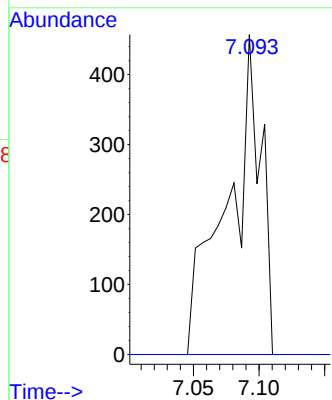
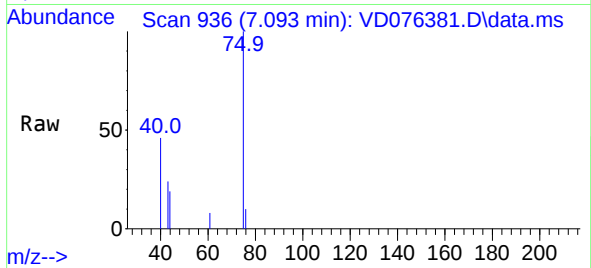




#25
2-Butanone
Concen: 1.445 ug/l
RT: 7.093 min Scan# 912
Delta R.T. 0.011 min
Lab File: VD076381.D
Acq: 08 Jun 2023 19:01

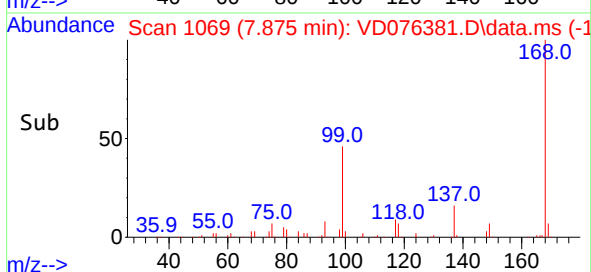
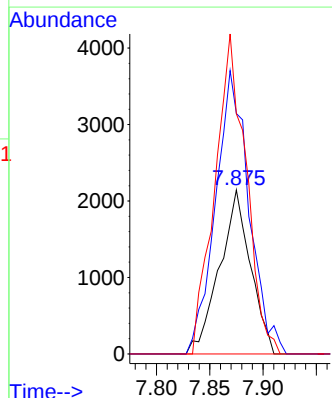
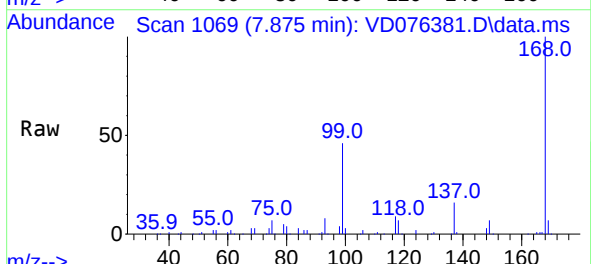
Instrument :
MSVOA_D
ClientSampleId :
GT-03

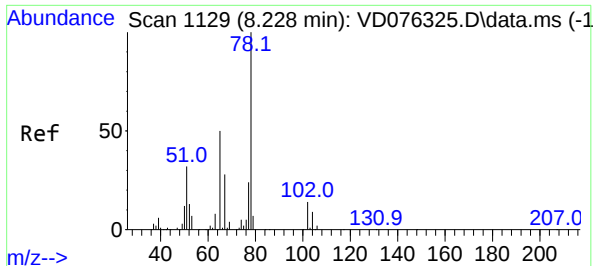
Tgt Ion: 43 Resp: 812
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#31
Cyclohexane
Concen: 1.167 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076381.D
Acq: 08 Jun 2023 19:01

Tgt Ion: 56 Resp: 4340
Ion Ratio Lower Upper
56 100
69 146.6 28.6 43.0#
84 146.4 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 72.255 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076381.D

Acq: 08 Jun 2023 19:01

Instrument :

MSVOA_D

ClientSampleId :

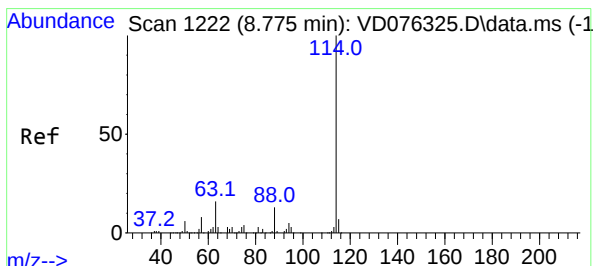
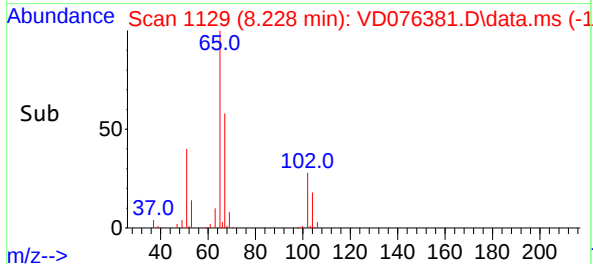
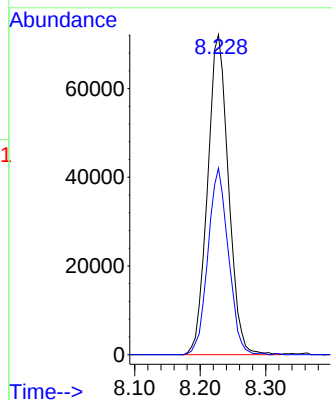
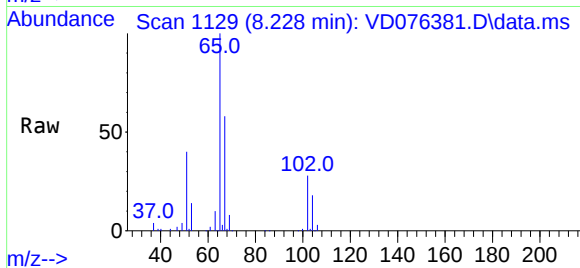
GT-03

Tgt Ion: 65 Resp: 160111

Ion Ratio Lower Upper

65 100

67 56.9 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: VD076381.D

Acq: 08 Jun 2023 19:01

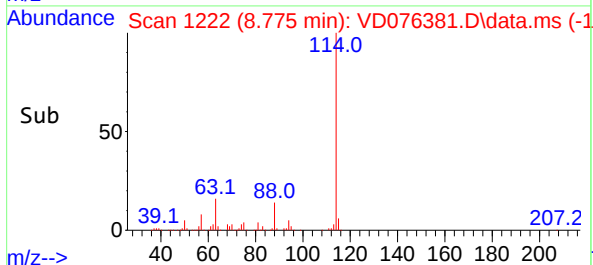
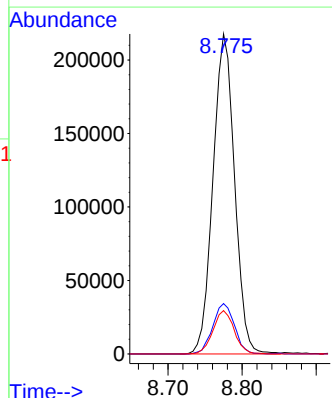
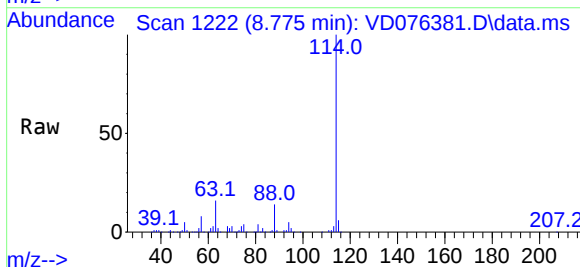
Tgt Ion: 114 Resp: 440195

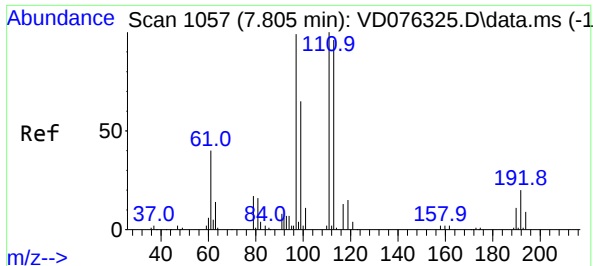
Ion Ratio Lower Upper

114 100

63 15.8 0.0 33.4

88 13.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 71.090 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076381.D

Acq: 08 Jun 2023 19:01

Instrument :

MSVOA_D

ClientSampleId :

GT-03

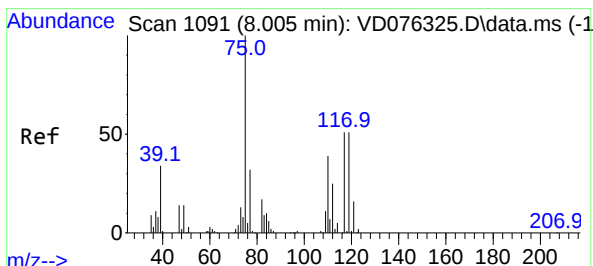
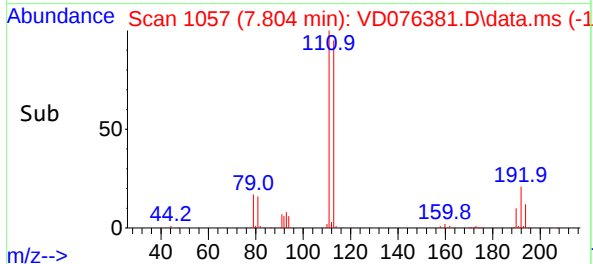
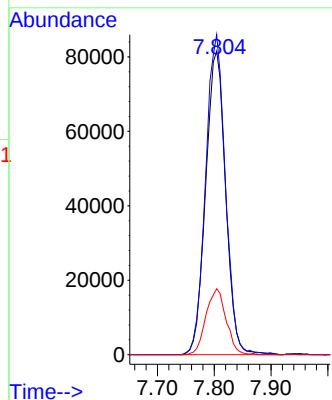
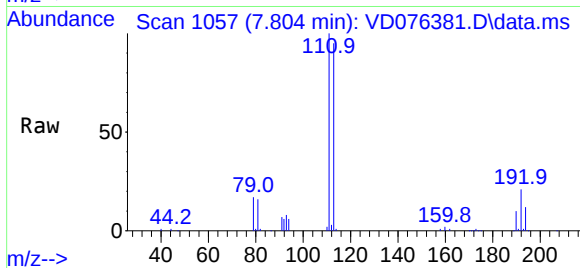
Tgt Ion:113 Resp: 198694

Ion Ratio Lower Upper

113 100

111 104.4 84.7 127.1

192 22.0 16.8 25.2



#36

1,1-Dichloropropene

Concen: 4.231 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD076381.D

Acq: 08 Jun 2023 19:01

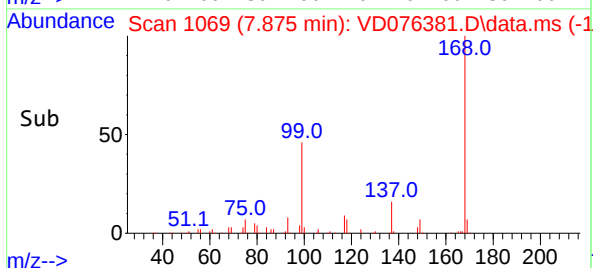
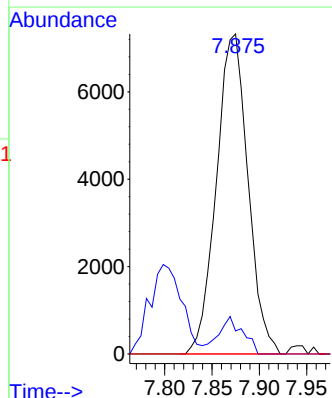
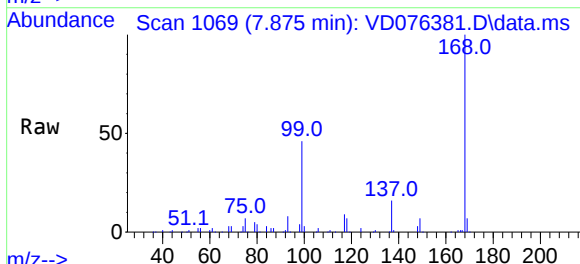
Tgt Ion: 75 Resp: 16991

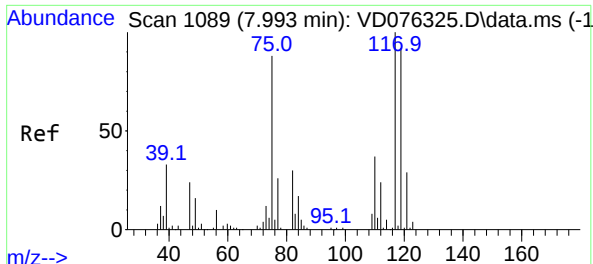
Ion Ratio Lower Upper

75 100

110 9.0 19.9 59.6#

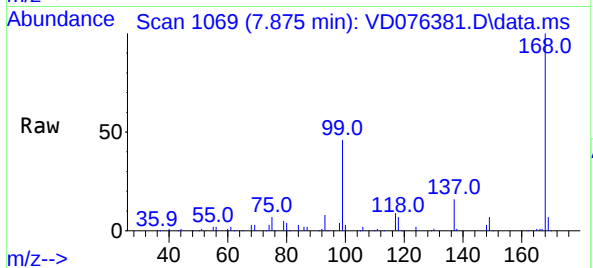
77 0.0 24.7 37.1#



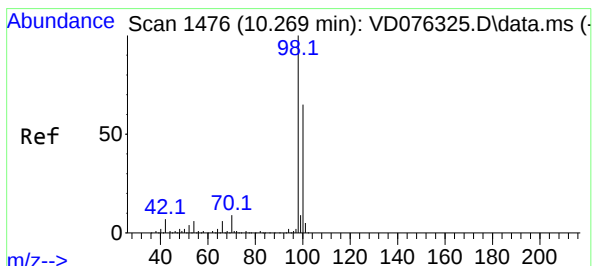
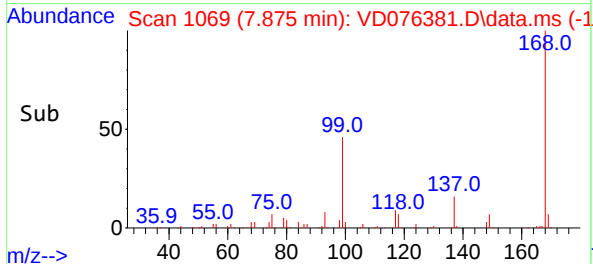
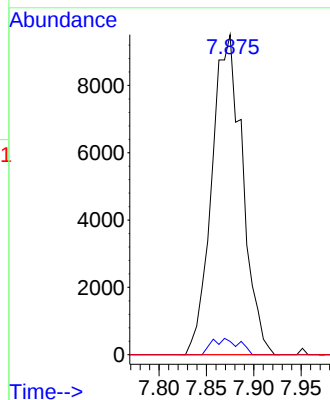


#38
Carbon Tetrachloride
Concen: 6.092 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076381.D
Acq: 08 Jun 2023 19:01

Instrument :
MSVOA_D
ClientSampleId :
GT-03

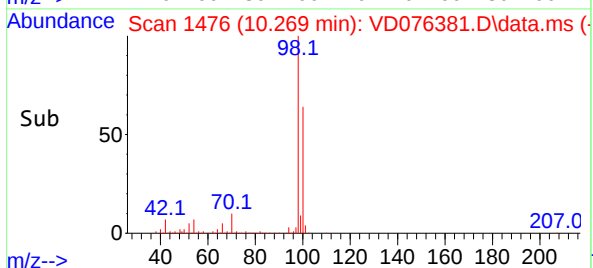
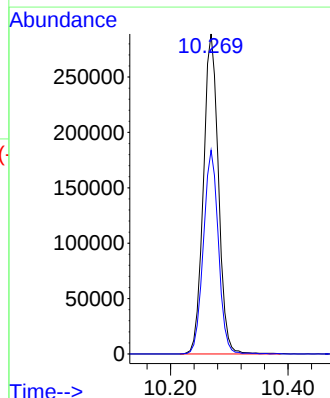
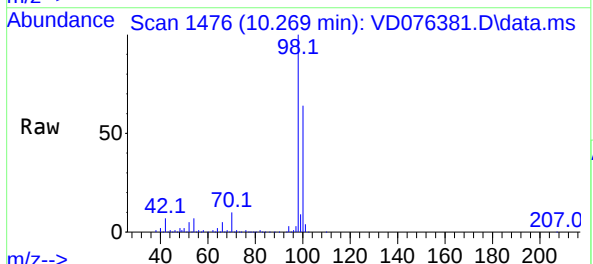


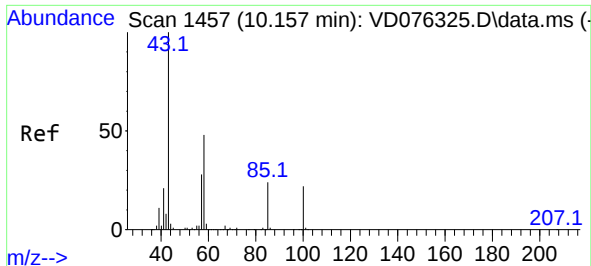
Tgt Ion:117 Resp: 21445
Ion Ratio Lower Upper
117 100
119 4.2 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 46.189 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076381.D
Acq: 08 Jun 2023 19:01

Tgt Ion: 98 Resp: 513998
Ion Ratio Lower Upper
98 100
100 63.4 50.3 75.5

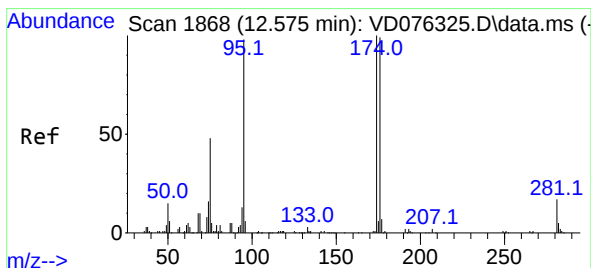
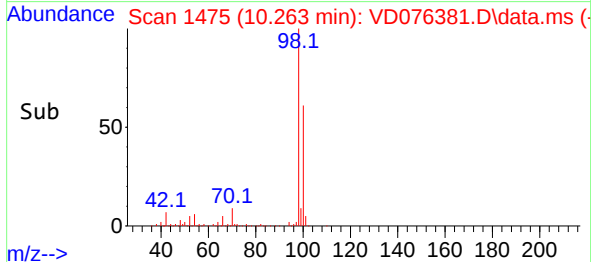
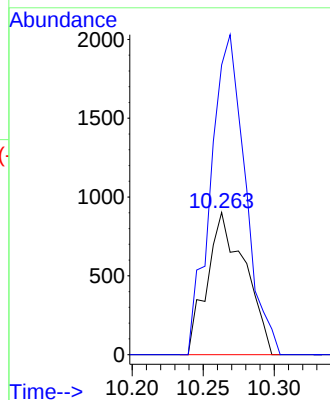
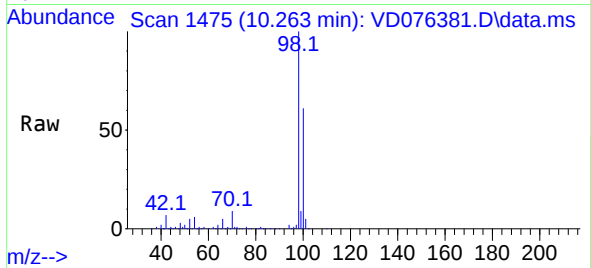




#51
4-Methyl-2-Pentanone
Concen: 1.338 ug/l
RT: 10.263 min Scan# 1457
Delta R.T. 0.106 min
Lab File: VD076381.D
Acq: 08 Jun 2023 19:01

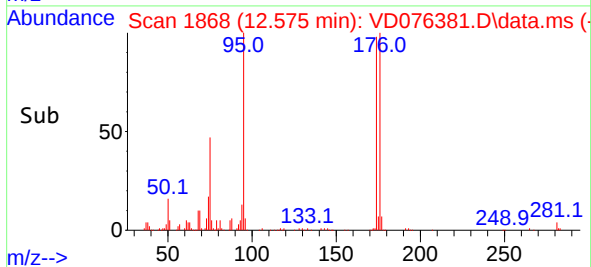
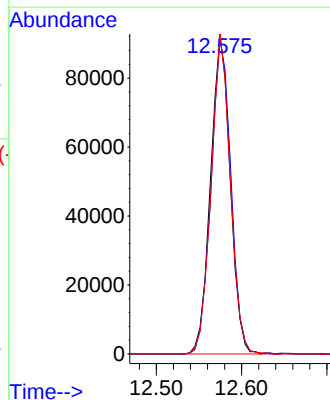
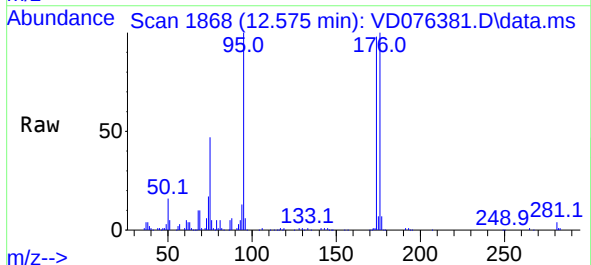
Instrument :
MSVOA_D
ClientSampleId :
GT-03

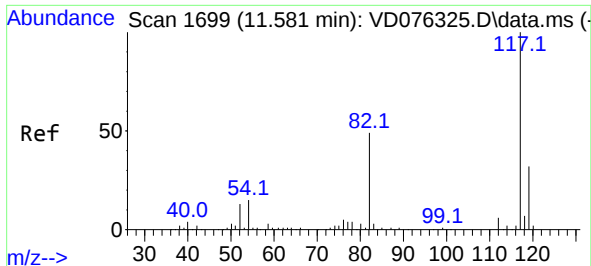
Tgt Ion: 43 Resp: 1675
Ion Ratio Lower Upper
43 100
58 205.3 38.9 58.3#



#62
4-Bromofluorobenzene
Concen: 50.118 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076381.D
Acq: 08 Jun 2023 19:01

Tgt Ion: 95 Resp: 147595
Ion Ratio Lower Upper
95 100
174 99.9 0.0 201.8
176 97.9 0.0 191.8

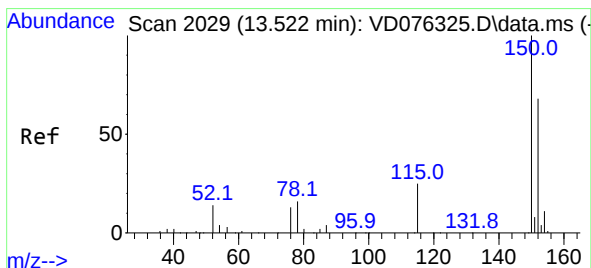
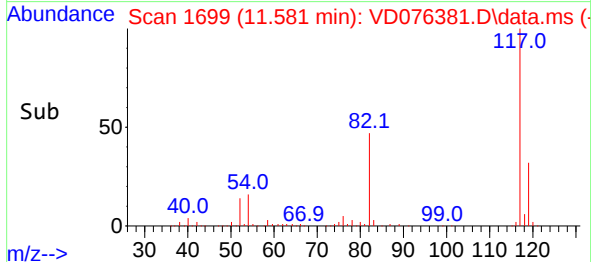
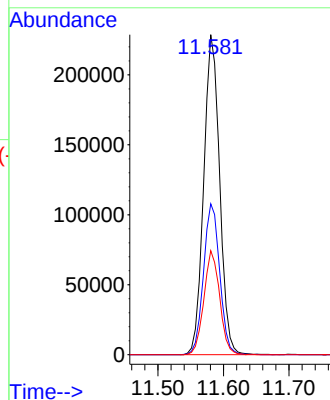
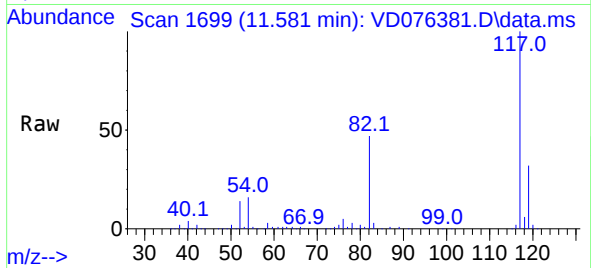




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076381.D
Acq: 08 Jun 2023 19:01

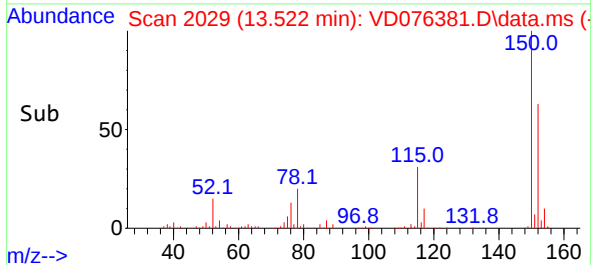
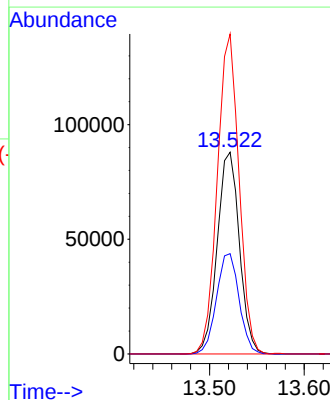
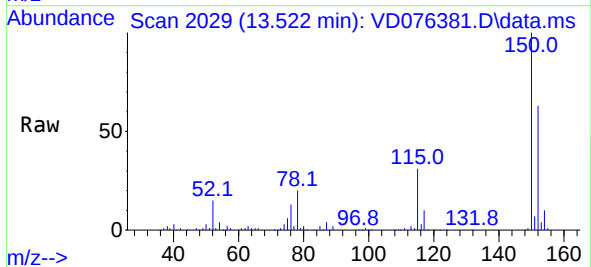
Instrument :
MSVOA_D
ClientSampleId :
GT-03

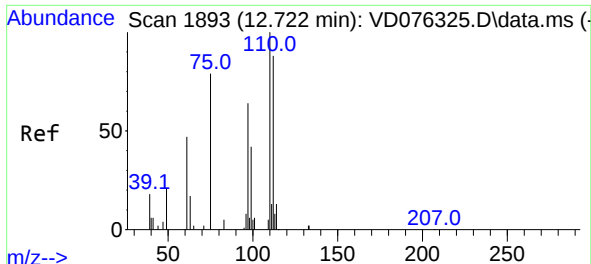
Tgt Ion:117 Resp: 387023
Ion Ratio Lower Upper
117 100
82 47.1 38.3 57.5
119 32.5 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076381.D
Acq: 08 Jun 2023 19:01

Tgt Ion:152 Resp: 143426
Ion Ratio Lower Upper
152 100
115 50.7 27.1 81.3
150 155.0 0.0 353.6

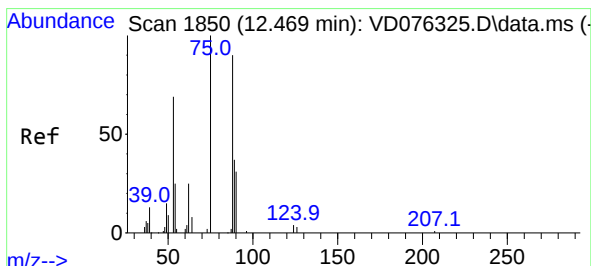
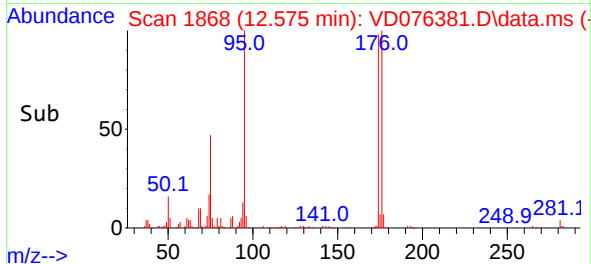
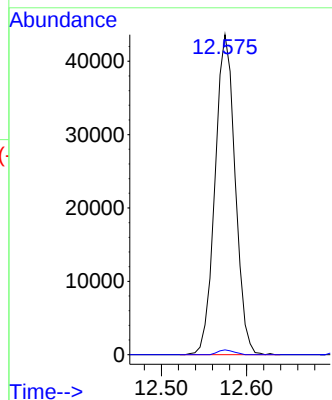
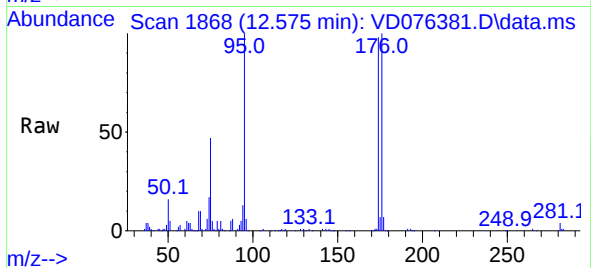




#76
1,2,3-Trichloropropane
Concen: 53.456 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076381.D
Acq: 08 Jun 2023 19:01

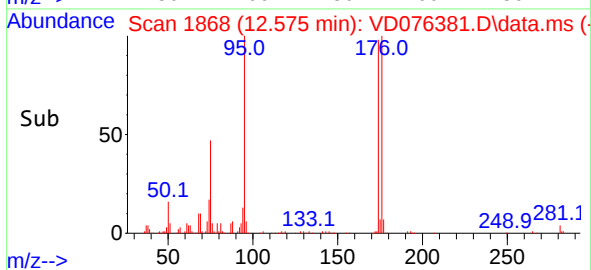
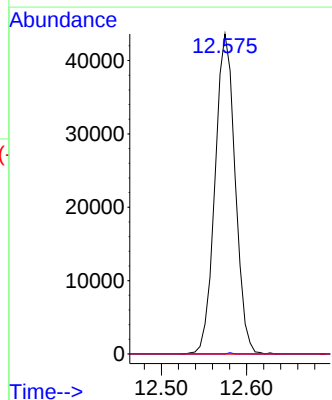
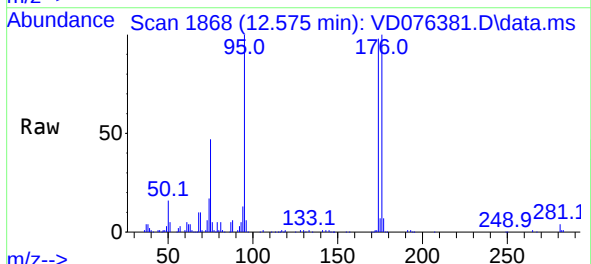
Instrument :
MSVOA_D
ClientSampleId :
GT-03

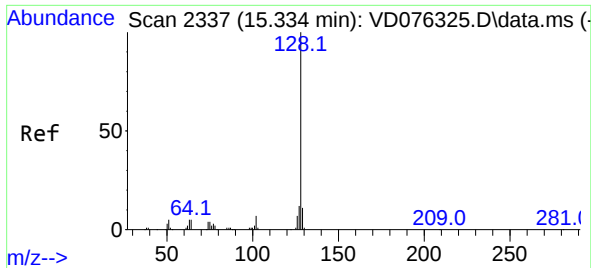
Tgt Ion: 75 Resp: 71568
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.030 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076381.D
Acq: 08 Jun 2023 19:01

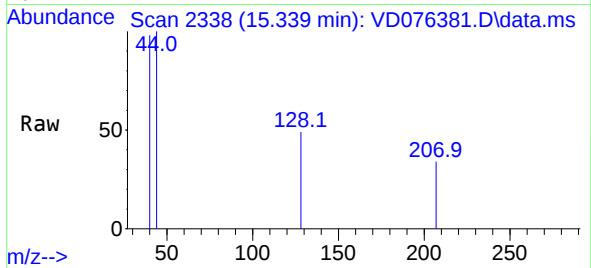
Tgt Ion: 75 Resp: 71568
Ion Ratio Lower Upper
75 100
53 0.1 63.0 94.4#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 3.429 ug/l
RT: 15.339 min Scan# 21
Delta R.T. 0.005 min
Lab File: VD076381.D
Acq: 08 Jun 2023 19:01

Instrument :
MSVOA_D
ClientSampleId :
GT-03



Tgt Ion:128 Resp: 752
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

