

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060823\
 Data File : VD076379.D
 Acq On : 08 Jun 2023 18:01
 Operator : KP/SY
 Sample : 03074-01
 Misc : 5.93G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GT-01

Quant Time: Jun 09 01:24:43 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)

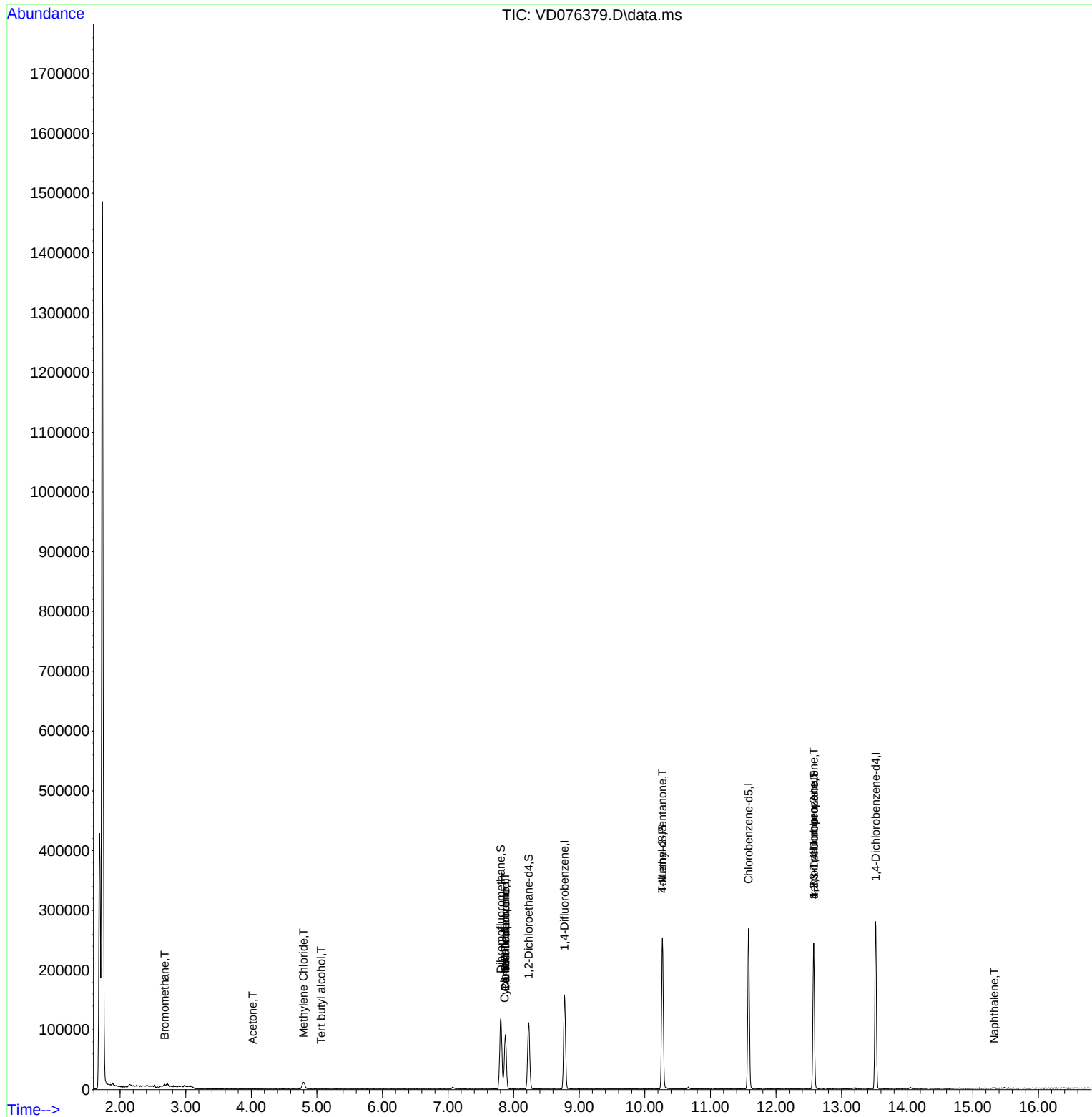
Internal Standards						
1) Pentafluorobenzene	7.875	168	78716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	153734	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	173354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	84745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	84784	120.211	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 240.420%#	
35) Dibromofluoromethane	7.804	113	86626	88.746	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 177.500%#	
50) Toluene-d8	10.269	98	191440	49.259	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.520%	
62) 4-Bromofluorobenzene	12.575	95	70739	68.779	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 137.560%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.681	94	1667	1.336	ug/l	87
11) Tert butyl alcohol	5.063	59	190	4.820	ug/l #	73
16) Acetone	4.022	43	133	1.030	ug/l #	32
20) Methylene Chloride	4.793	84	9577	4.965	ug/l #	78
31) Cyclohexane	7.863	56	1413	1.193	ug/l #	54
36) 1,1-Dichloropropene	7.875	75	5593	3.988	ug/l #	39
38) Carbon Tetrachloride	7.875	117	6152	5.004	ug/l #	17
51) 4-Methyl-2-Pentanone	10.269	43	479	1.096	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	34901	44.119	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	34901	105.668	ug/l #	17
95) Naphthalene	15.327	128	650	3.493	ug/l #	69

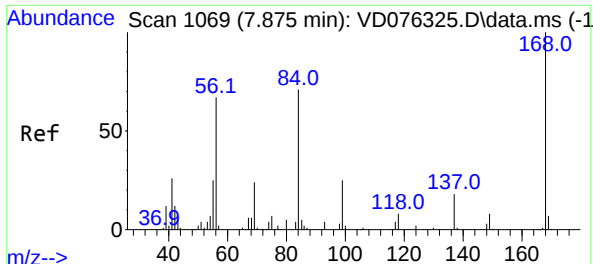
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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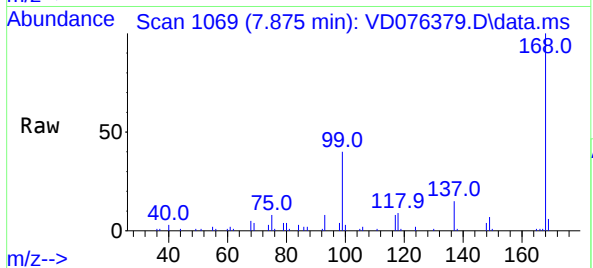
Quant Time: Jun 09 01:24:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 06 02:52:23 2023
Response via : Initial Calibration



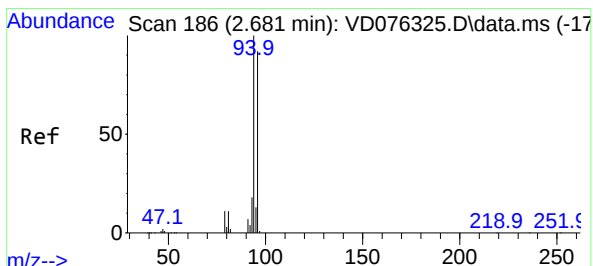
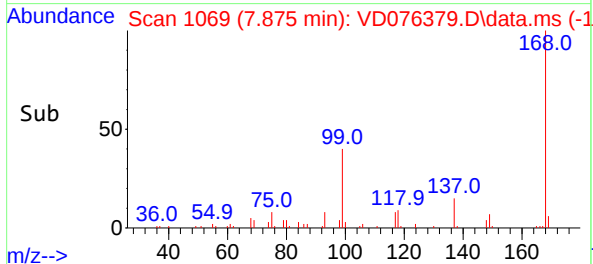
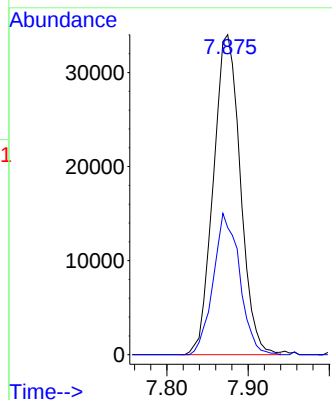


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076379.D
Acq: 08 Jun 2023 18:01

Instrument :
MSVOA_D
ClientSampleId :
GT-01

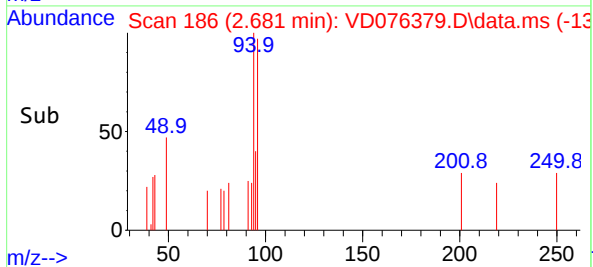
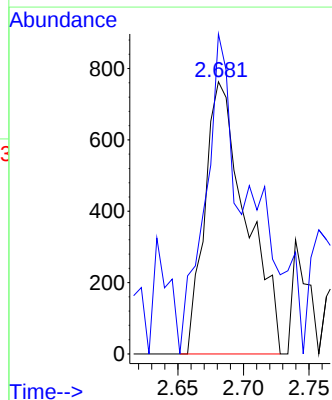
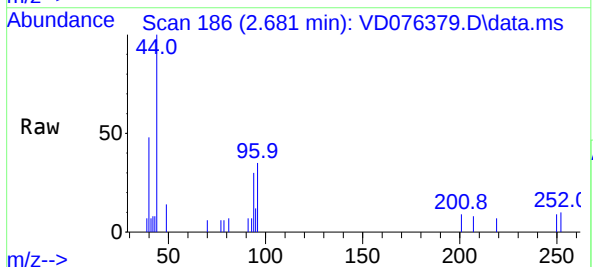


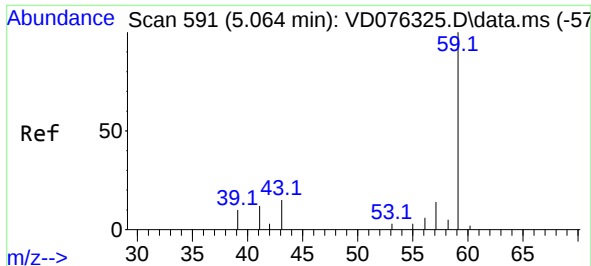
Tgt Ion:168 Resp: 78716
Ion Ratio Lower Upper
168 100
99 39.7 36.7 55.1



#5
Bromomethane
Concen: 1.336 ug/l
RT: 2.681 min Scan# 186
Delta R.T. -0.000 min
Lab File: VD076379.D
Acq: 08 Jun 2023 18:01

Tgt Ion: 94 Resp: 1667
Ion Ratio Lower Upper
94 100
96 82.4 75.8 113.8





#11

Tert butyl alcohol

Concen: 4.820 ug/l

RT: 5.063 min Scan# 591

Delta R.T. -0.000 min

Lab File: VD076379.D

Acq: 08 Jun 2023 18:01

Instrument :

MSVOA_D

ClientSampleId :

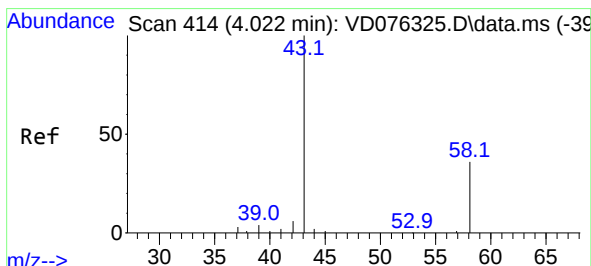
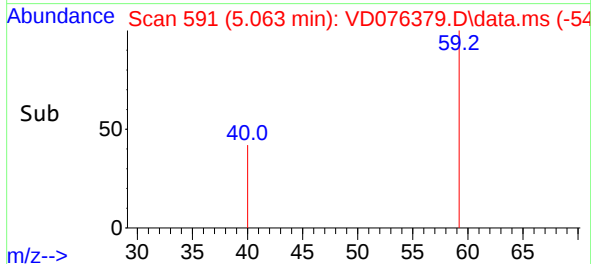
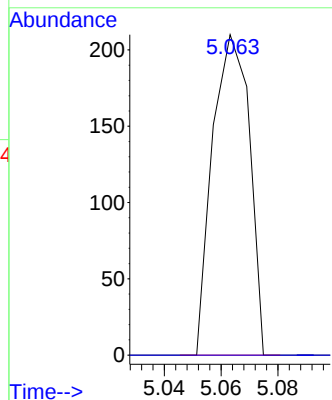
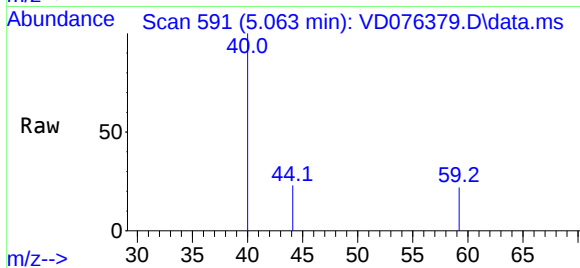
GT-01

Tgt Ion: 59 Resp: 190

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#16

Acetone

Concen: 1.030 ug/l

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD076379.D

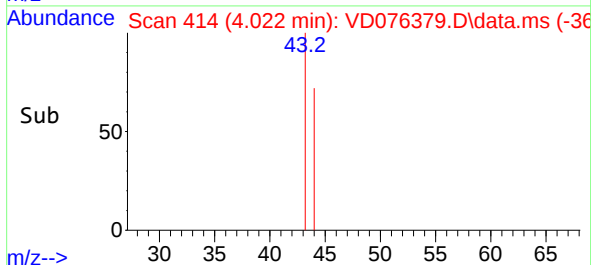
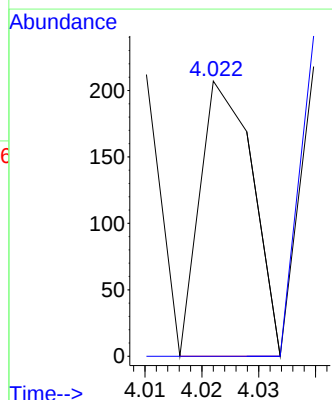
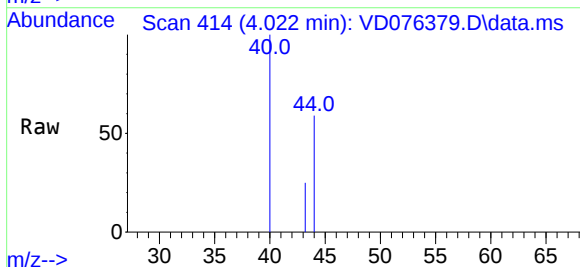
Acq: 08 Jun 2023 18:01

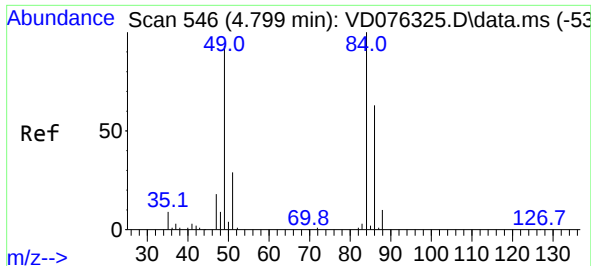
Tgt Ion: 43 Resp: 133

Ion Ratio Lower Upper

43 100

58 0.0 34.7 52.1#





#20

Methylene Chloride

Concen: 4.965 ug/l

RT: 4.793 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD076379.D

Acq: 08 Jun 2023 18:01

Instrument :

MSVOA_D

ClientSampleId :

GT-01

Tgt Ion: 84 Resp: 9577

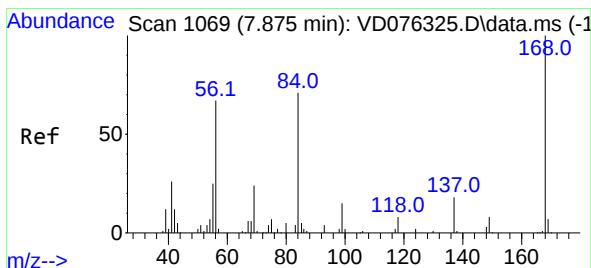
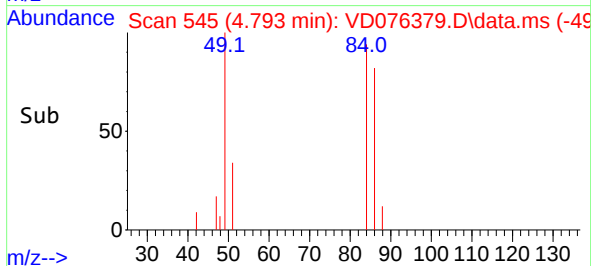
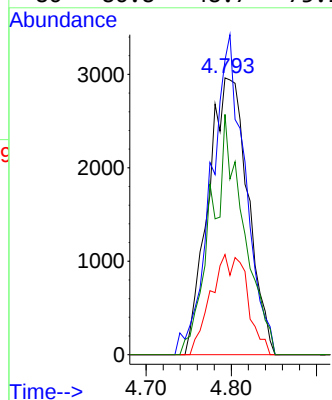
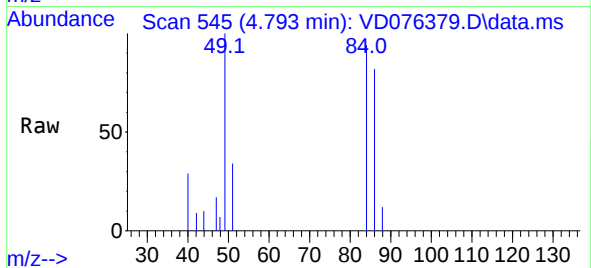
Ion Ratio Lower Upper

84 100

49 106.4 71.4 107.2

51 36.2 24.5 36.7

86 86.8 48.7 73.1#



#31

Cyclohexane

Concen: 1.193 ug/l

RT: 7.863 min Scan# 1067

Delta R.T. -0.012 min

Lab File: VD076379.D

Acq: 08 Jun 2023 18:01

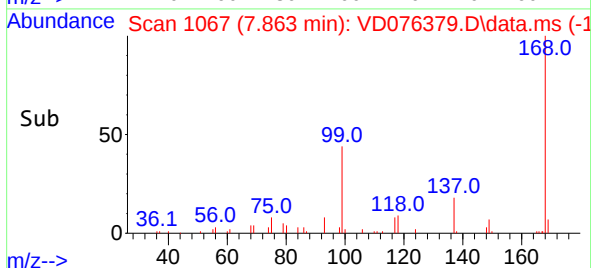
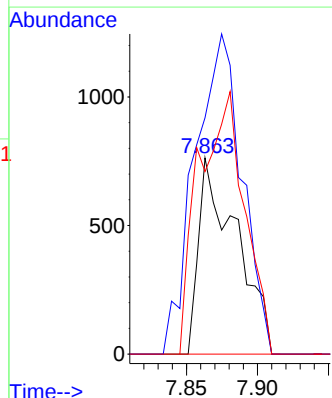
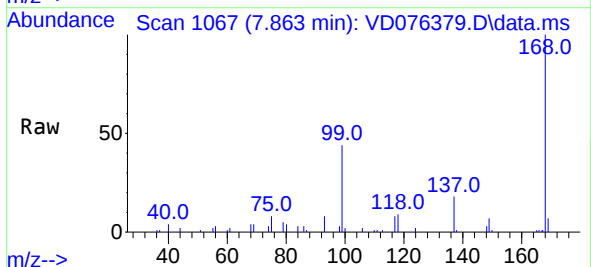
Tgt Ion: 56 Resp: 1413

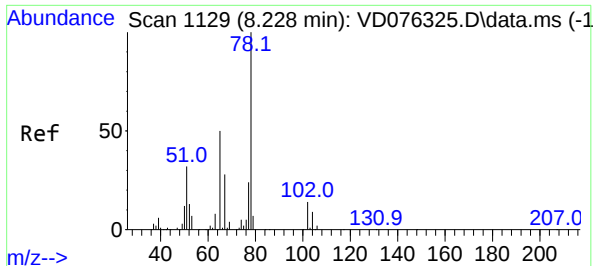
Ion Ratio Lower Upper

56 100

69 120.4 28.6 43.0#

84 93.1 84.8 127.2





#33

1,2-Dichloroethane-d4

Concen: 120.211 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076379.D

Acq: 08 Jun 2023 18:01

Instrument :

MSVOA_D

ClientSampleId :

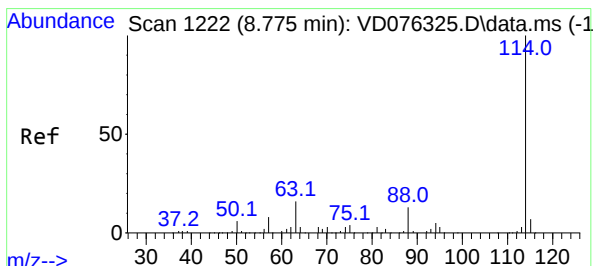
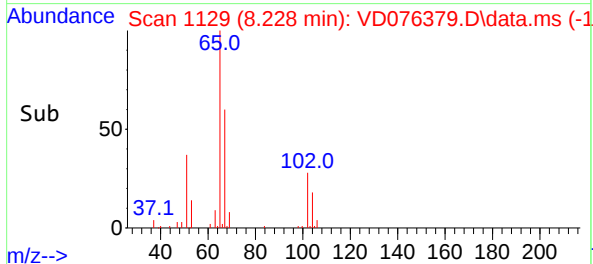
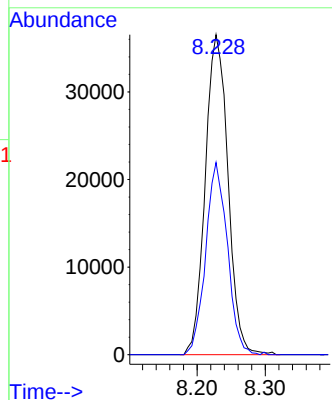
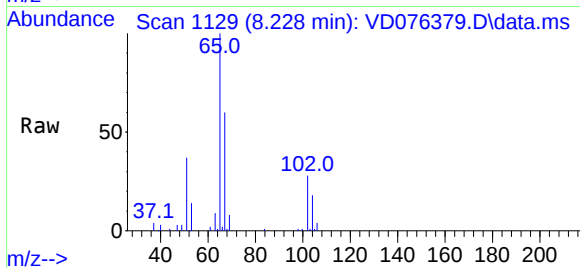
GT-01

Tgt Ion: 65 Resp: 84784

Ion Ratio Lower Upper

65 100

67 57.3 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: VD076379.D

Acq: 08 Jun 2023 18:01

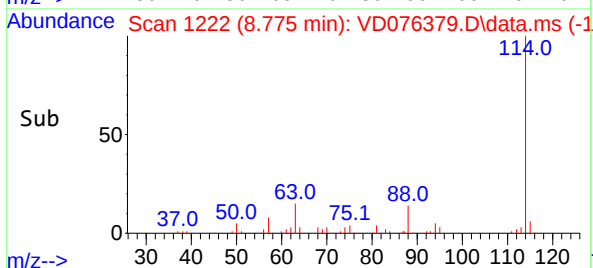
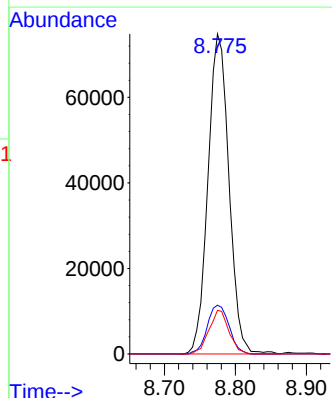
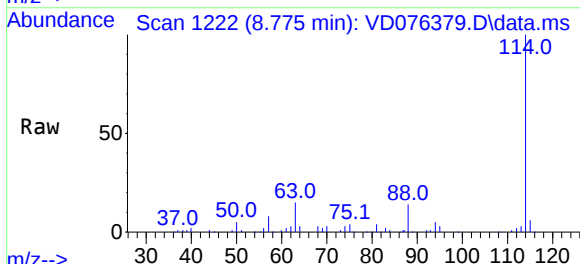
Tgt Ion: 114 Resp: 153734

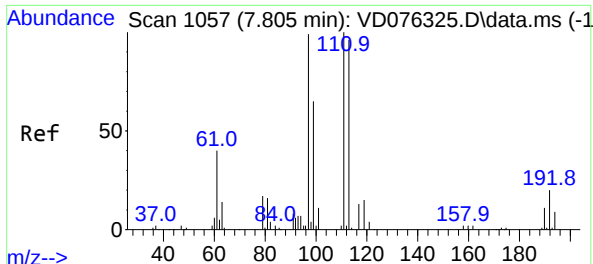
Ion Ratio Lower Upper

114 100

63 15.2 0.0 33.4

88 13.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 88.746 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076379.D

Acq: 08 Jun 2023 18:01

Instrument :

MSVOA_D

ClientSampleId :

GT-01

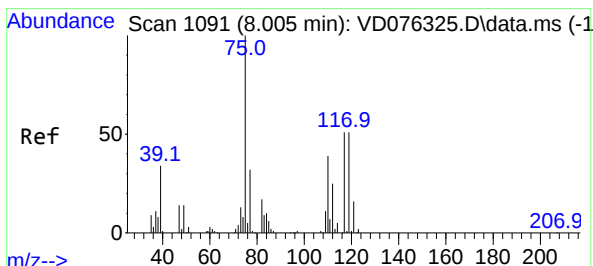
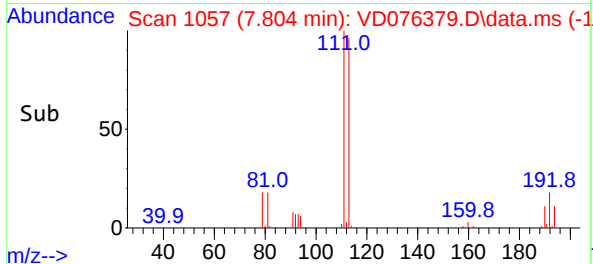
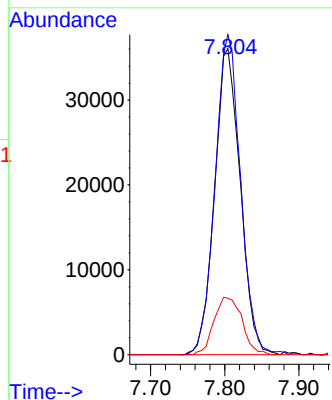
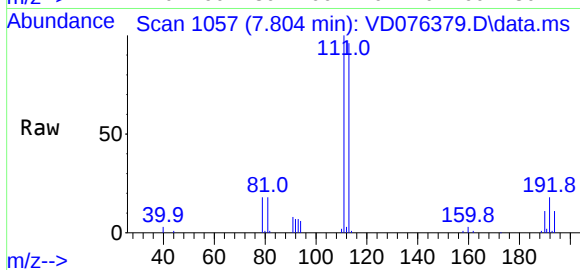
Tgt Ion:113 Resp: 86626

Ion Ratio Lower Upper

113 100

111 104.1 84.7 127.1

192 20.5 16.8 25.2



#36

1,1-Dichloropropene

Concen: 3.988 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD076379.D

Acq: 08 Jun 2023 18:01

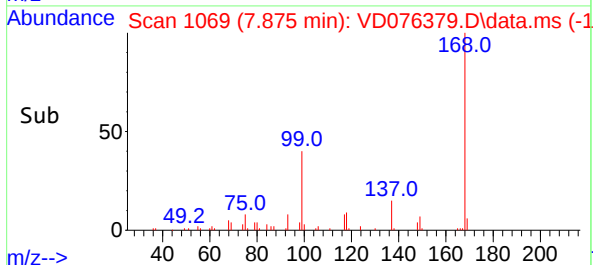
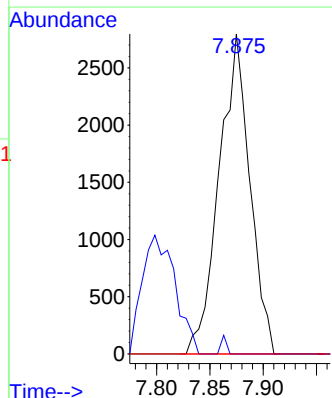
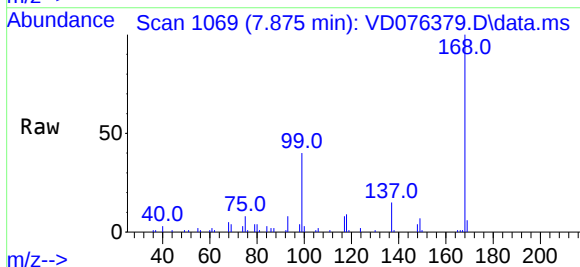
Tgt Ion: 75 Resp: 5593

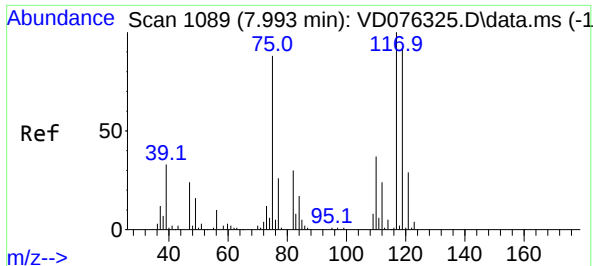
Ion Ratio Lower Upper

75 100

110 0.0 19.9 59.6#

77 0.0 24.7 37.1#

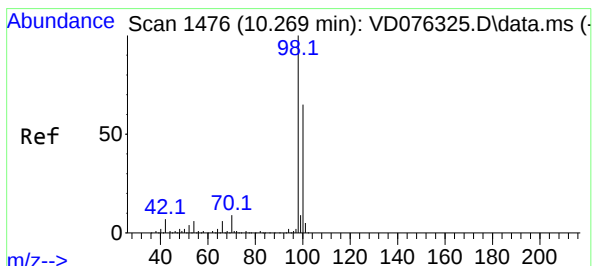
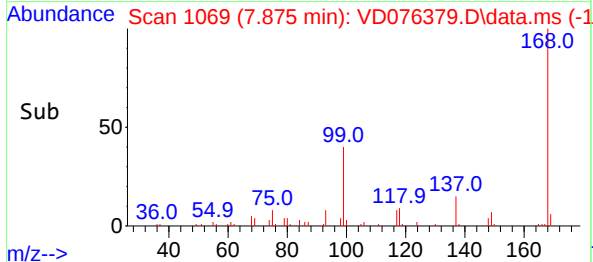
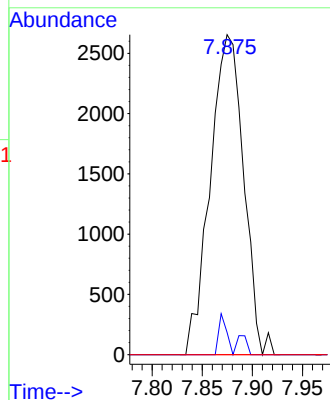
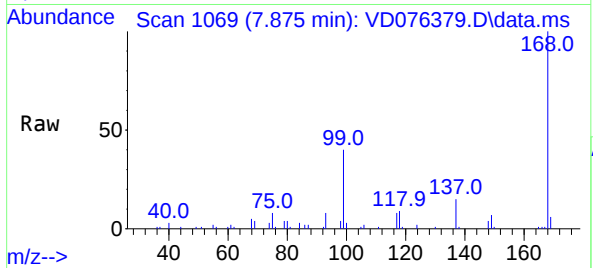




#38
Carbon Tetrachloride
Concen: 5.004 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076379.D
Acq: 08 Jun 2023 18:01

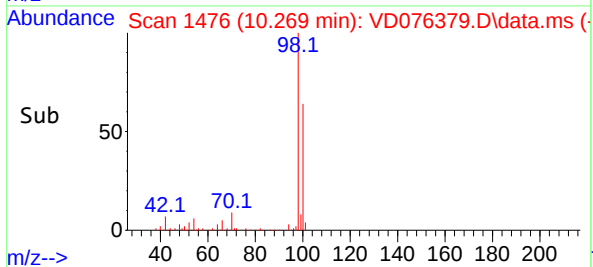
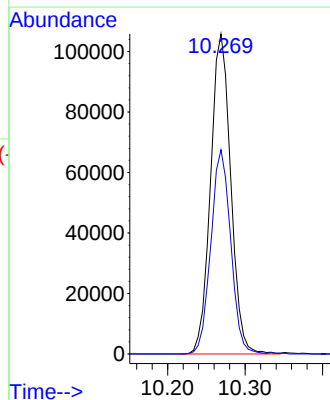
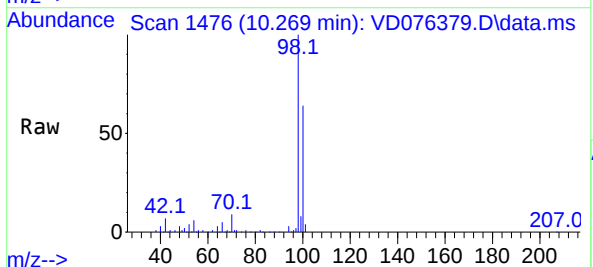
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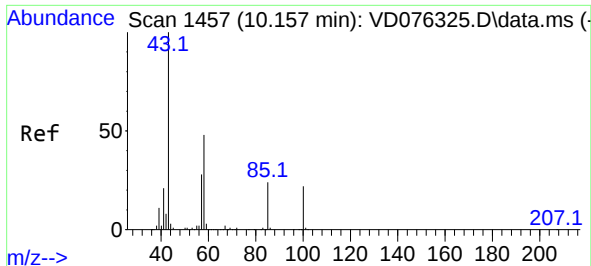
Tgt Ion:117 Resp: 6152
Ion Ratio Lower Upper
117 100
119 6.9 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.259 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076379.D
Acq: 08 Jun 2023 18:01

Tgt Ion: 98 Resp: 191440
Ion Ratio Lower Upper
98 100
100 62.6 50.3 75.5

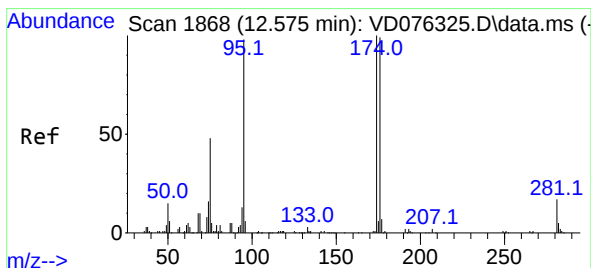
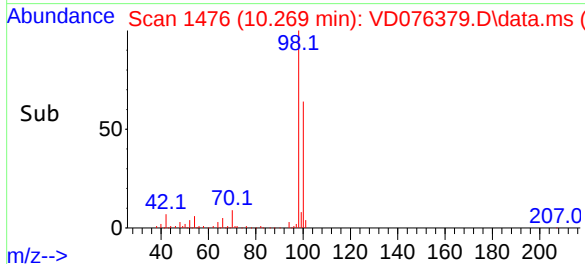
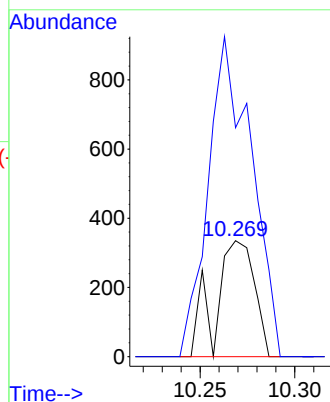
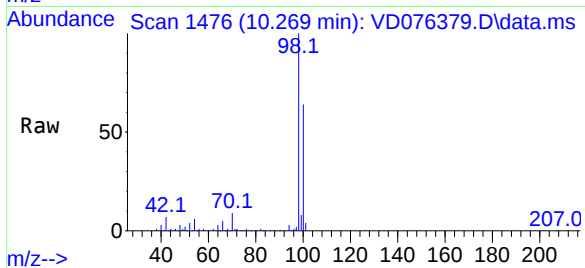




#51
4-Methyl-2-Pentanone
Concen: 1.096 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.111 min
Lab File: VD076379.D
Acq: 08 Jun 2023 18:01

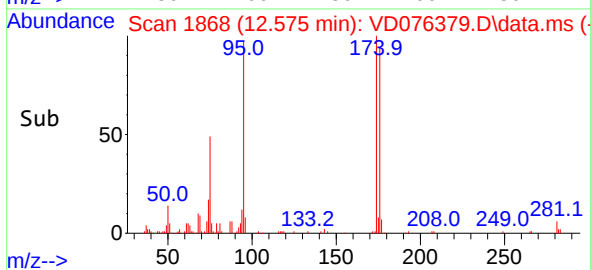
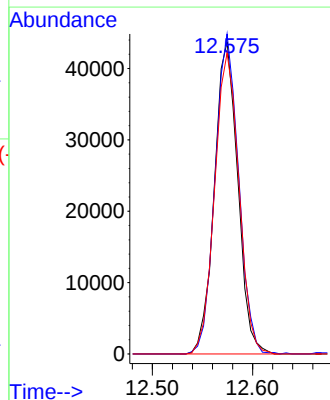
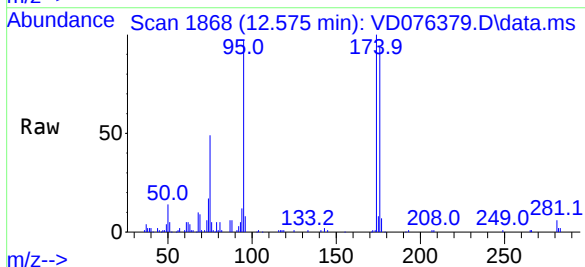
Instrument :
MSVOA_D
ClientSampleId :
GT-01

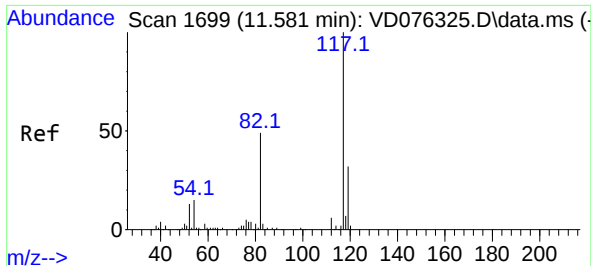
Tgt Ion: 43 Resp: 479
Ion Ratio Lower Upper
43 100
58 306.3 38.9 58.3#



#62
4-Bromofluorobenzene
Concen: 68.779 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076379.D
Acq: 08 Jun 2023 18:01

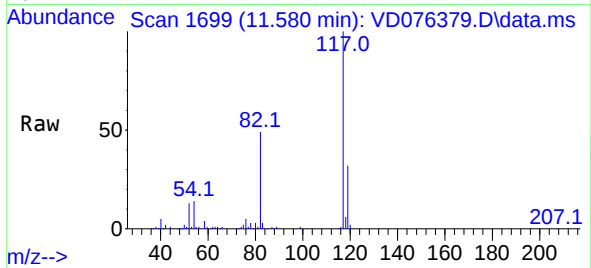
Tgt Ion: 95 Resp: 70739
Ion Ratio Lower Upper
95 100
174 103.2 0.0 201.8
176 100.1 0.0 191.8





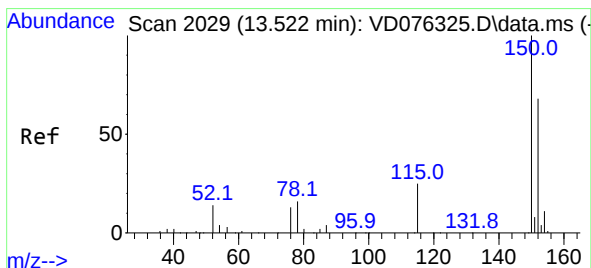
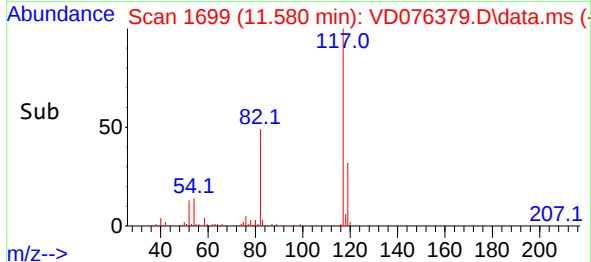
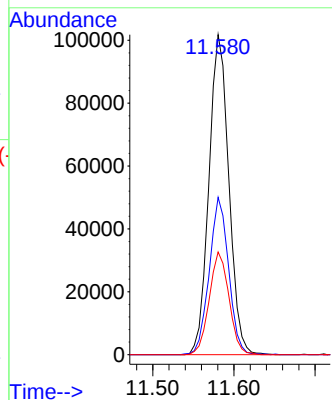
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076379.D
Acq: 08 Jun 2023 18:01

Instrument :
MSVOA_D
ClientSampleId :
GT-01



Tgt Ion:117 Resp: 173354

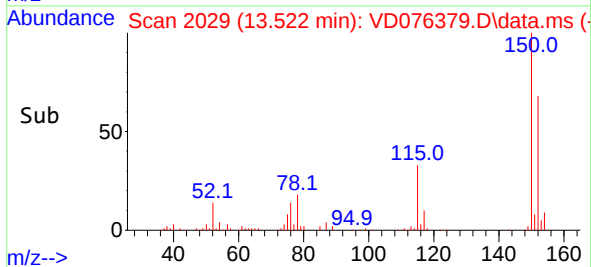
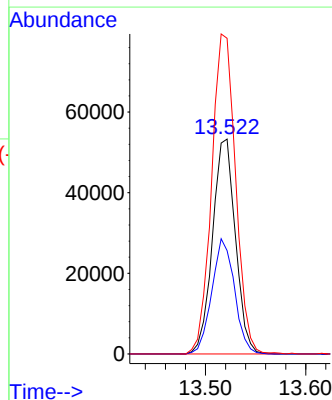
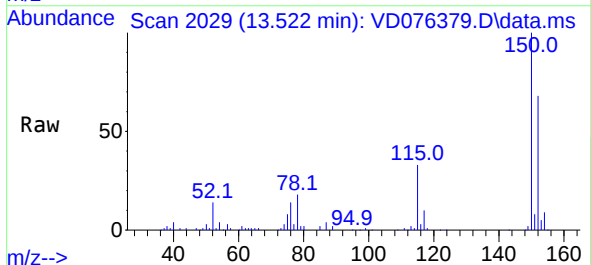
Ion	Ratio	Lower	Upper
117	100		
82	49.2	38.3	57.5
119	32.1	25.0	37.4

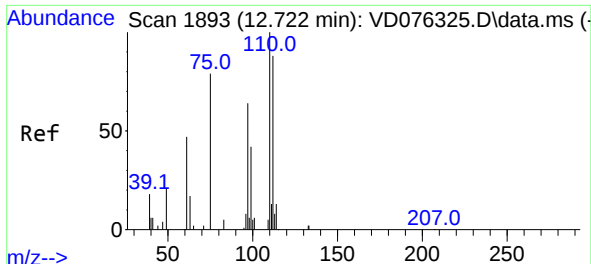


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076379.D
Acq: 08 Jun 2023 18:01

Tgt Ion:152 Resp: 84745

Ion	Ratio	Lower	Upper
152	100		
115	53.0	27.1	81.3
150	155.8	0.0	353.6

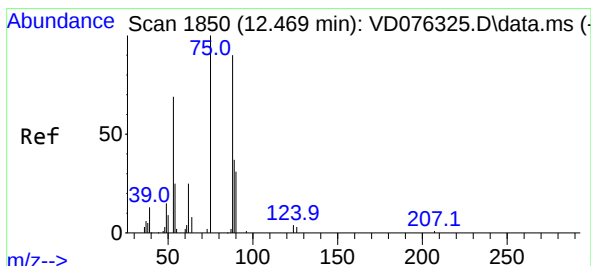
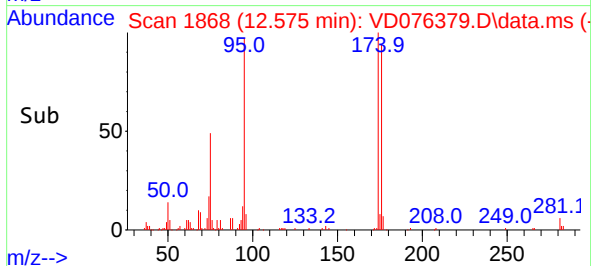
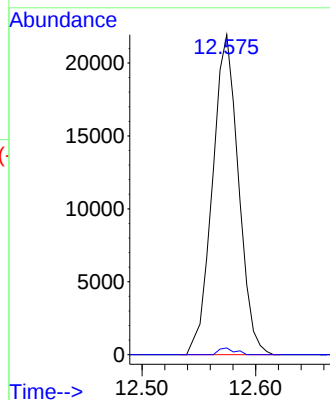
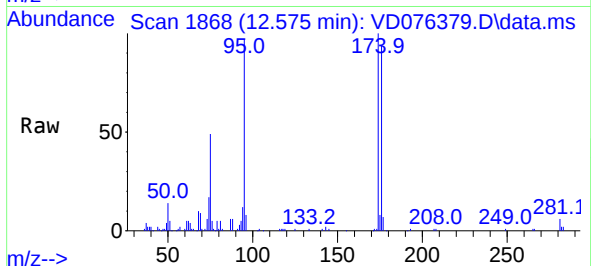




#76
1,2,3-Trichloropropane
Concen: 44.119 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076379.D
Acq: 08 Jun 2023 18:01

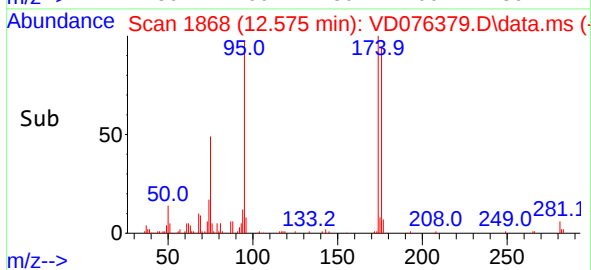
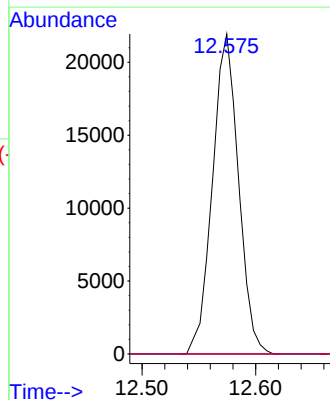
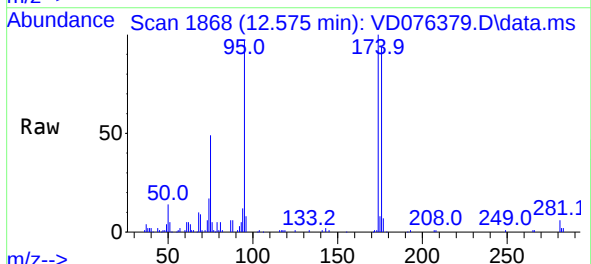
Instrument :
MSVOA_D
ClientSampleId :
GT-01

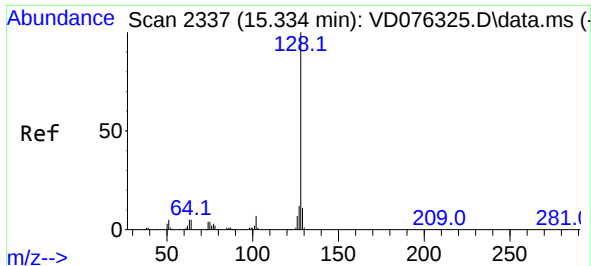
Tgt Ion: 75 Resp: 34901
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.668 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.105 min
Lab File: VD076379.D
Acq: 08 Jun 2023 18:01

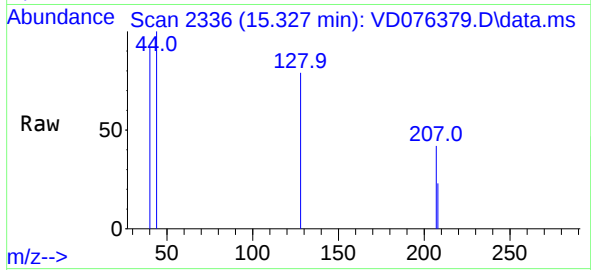
Tgt Ion: 75 Resp: 34901
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 3.493 ug/l
RT: 15.327 min Scan# 21
Delta R.T. -0.007 min
Lab File: VD076379.D
Acq: 08 Jun 2023 18:01

Instrument :
MSVOA_D
ClientSampleId :
GT-01



Tgt Ion:	128	Resp:	650
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.7	13.1#

