

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052423\
 Data File : VD076223.D
 Acq On : 24 May 2023 19:39
 Operator : KP/SY
 Sample : 02868-21
 Misc : 4.61G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP17

Quant Time: May 25 06:03:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

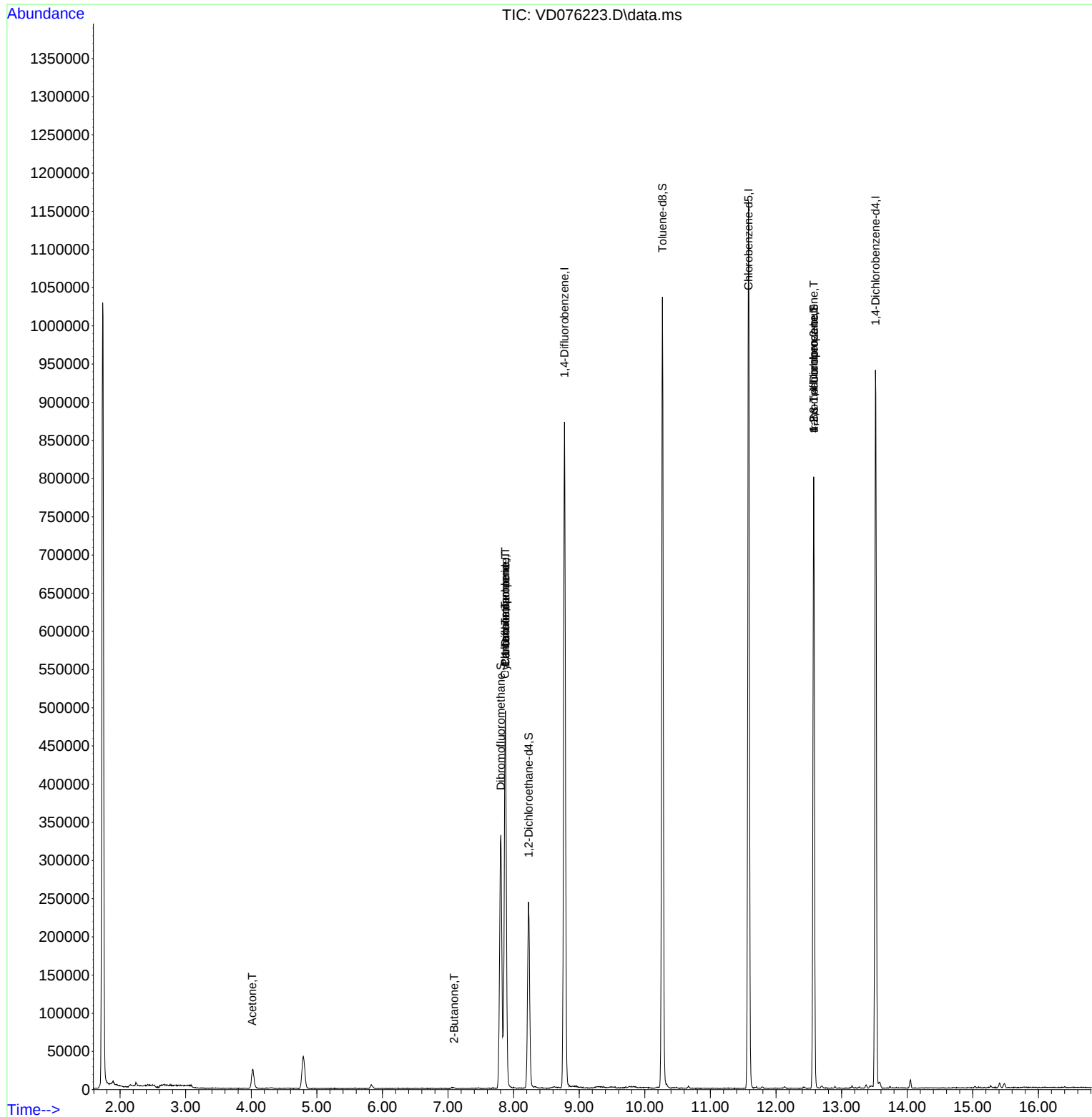
Internal Standards						
1) Pentafluorobenzene	7.875	168	392774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	817594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	707676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	270420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	183101	48.234	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.460%		
35) Dibromofluoromethane	7.805	113	248607	43.991	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.980%		
50) Toluene-d8	10.269	98	742642	33.710	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	67.420%		
62) 4-Bromofluorobenzene	12.575	95	246429	40.268	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	80.540%		
Target Compounds						
3) Chloromethane	2.152	50	681	Below Cal	Qvalue 98	
16) Acetone	4.017	43	41741	55.266 ug/l #	88	
17) Carbon Disulfide	4.258	76	164	Below Cal #	73	
20) Methylene Chloride	4.793	84	35760	Below Cal #	75	
25) 2-Butanone	7.093	43	1057	1.113 ug/l #	74	
31) Cyclohexane	7.869	56	8294	1.427 ug/l #	1	
36) 1,1-Dichloropropene	7.875	75	30413	3.985 ug/l #	49	
38) Carbon Tetrachloride	7.875	117	37932	5.502 ug/l #	17	
76) 1,2,3-Trichloropropane	12.575	75	123234	52.077 ug/l #	100	
81) trans-1,4-Dichloro-2-b...	12.575	75	123234	109.248 ug/l #	5	

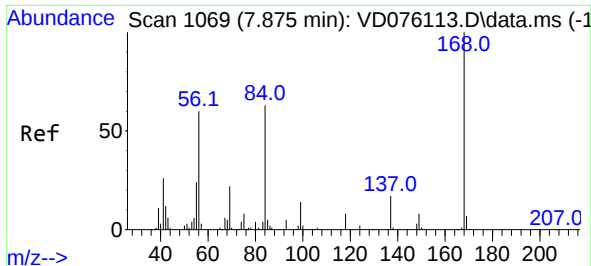
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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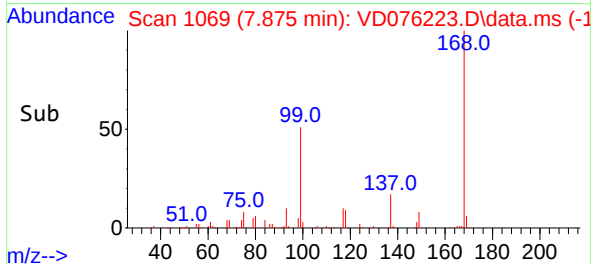
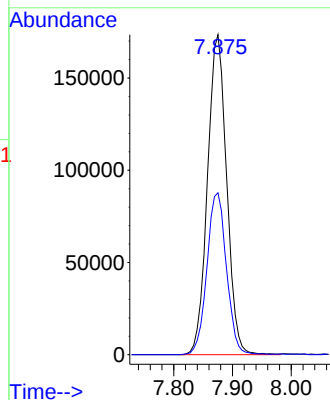
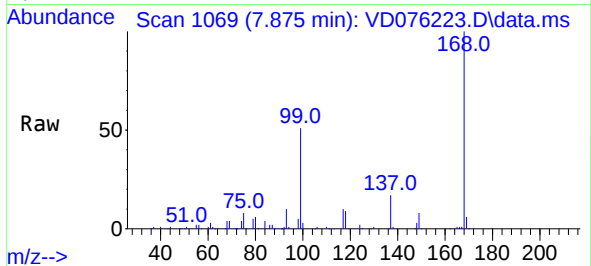




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD076223.D
Acq: 24 May 2023 19:39

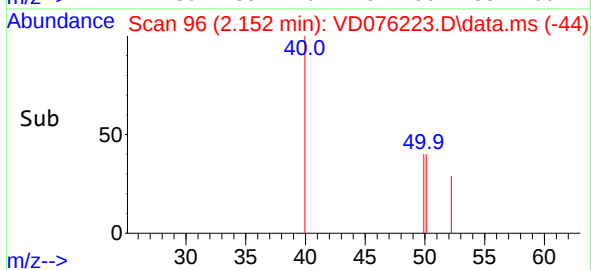
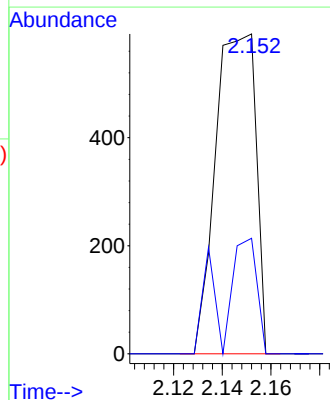
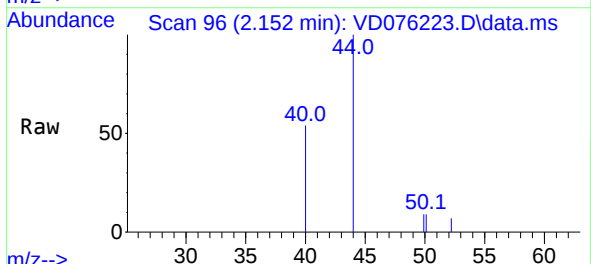
Instrument :
MSVOA_D
ClientSampleId :
TP17

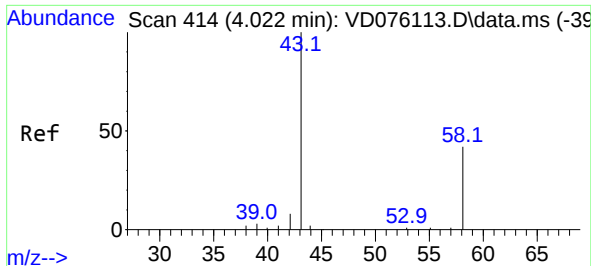
Tgt Ion:168 Resp: 392774
Ion Ratio Lower Upper
168 100
99 50.6 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD076223.D
Acq: 24 May 2023 19:39

Tgt Ion: 50 Resp: 681
Ion Ratio Lower Upper
50 100
52 36.1 27.8 41.8





#16

Acetone

Concen: 55.266 ug/l

RT: 4.017 min Scan# 41

Delta R.T. -0.005 min

Lab File: VD076223.D

Acq: 24 May 2023 19:39

Instrument :

MSVOA_D

ClientSampleId :

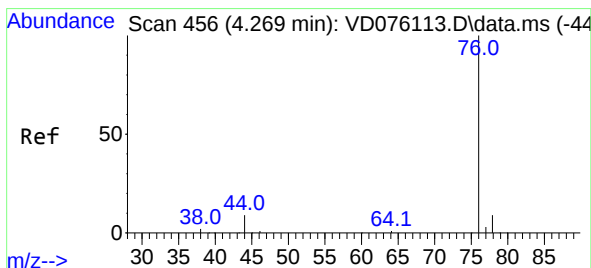
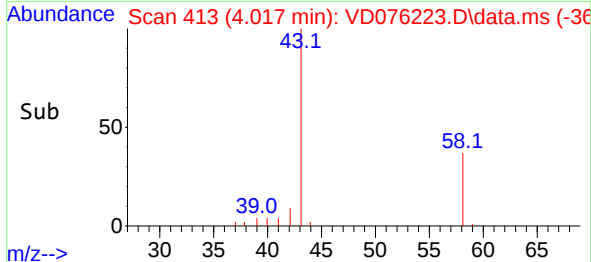
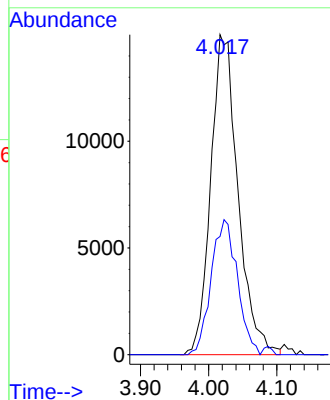
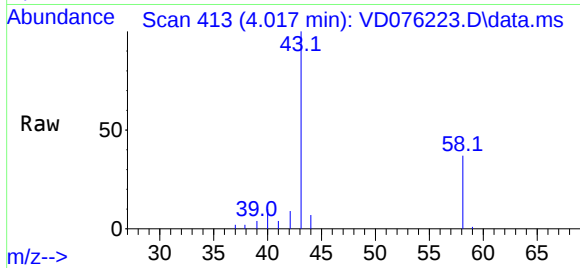
TP17

Tgt Ion: 43 Resp: 41741

Ion Ratio Lower Upper

43 100

58 37.0 24.4 36.6#



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.258 min Scan# 454

Delta R.T. -0.011 min

Lab File: VD076223.D

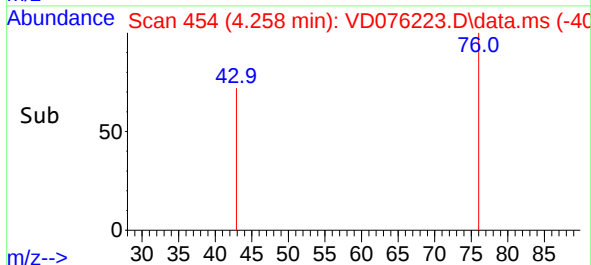
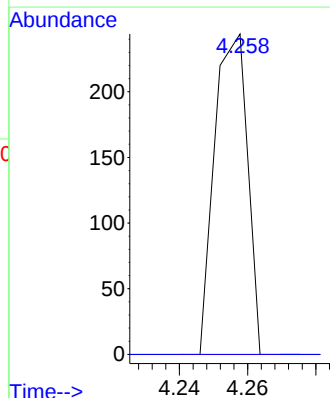
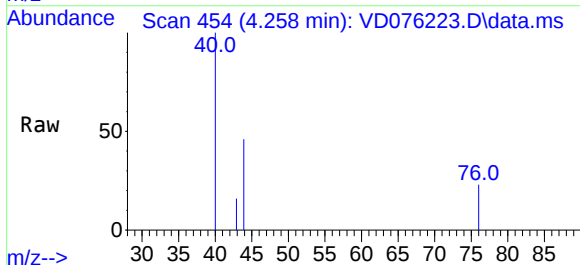
Acq: 24 May 2023 19:39

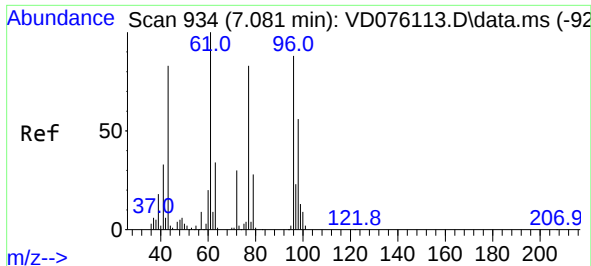
Tgt Ion: 76 Resp: 164

Ion Ratio Lower Upper

76 100

78 0.0 8.0 12.0#

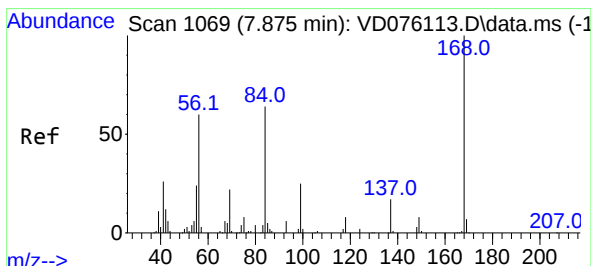
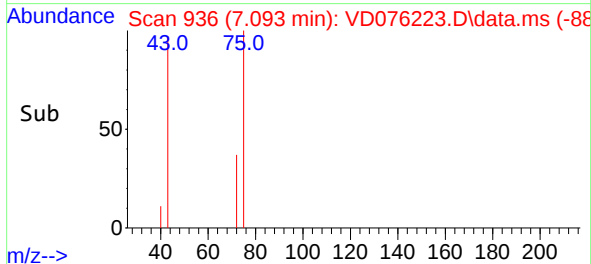
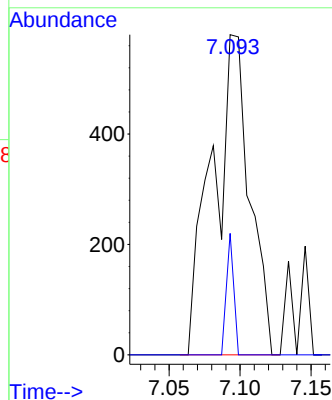
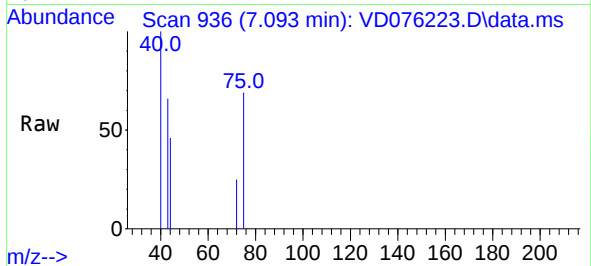




#25
2-Butanone
Concen: 1.113 ug/l
RT: 7.093 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD076223.D
Acq: 24 May 2023 19:39

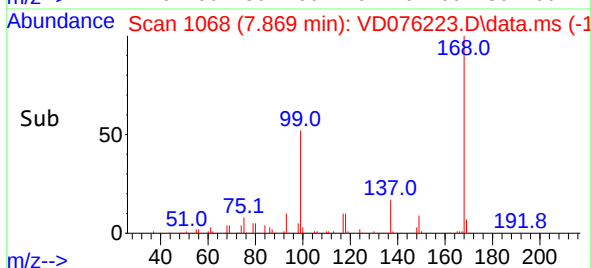
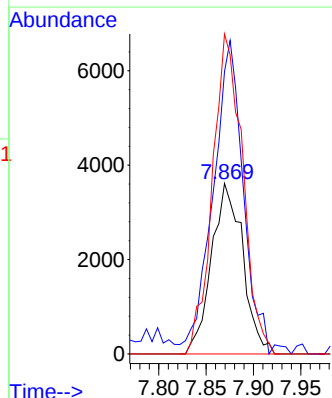
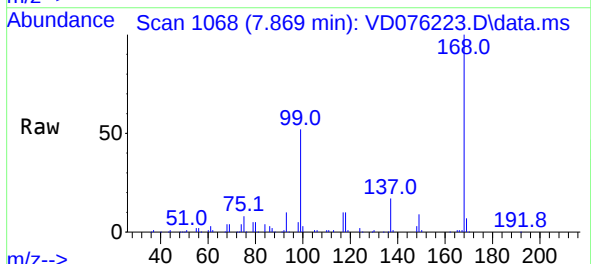
Instrument :
MSVOA_D
ClientSampleId :
TP17

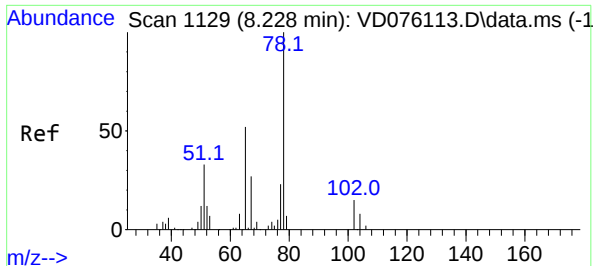
Tgt Ion: 43 Resp: 1057
Ion Ratio Lower Upper
43 100
72 37.9 19.8 29.8#



#31
Cyclohexane
Concen: 1.427 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076223.D
Acq: 24 May 2023 19:39

Tgt Ion: 56 Resp: 8294
Ion Ratio Lower Upper
56 100
69 161.0 25.5 38.3#
84 187.7 69.6 104.4#





#33

1,2-Dichloroethane-d4

Concen: 48.234 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076223.D

Acq: 24 May 2023 19:39

Instrument :

MSVOA_D

ClientSampleId :

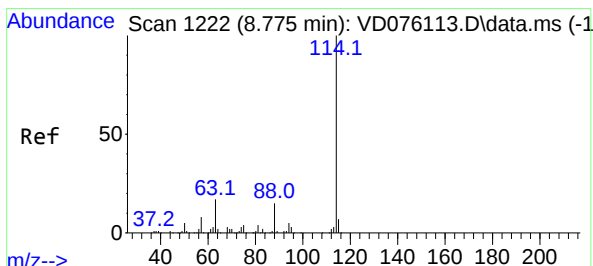
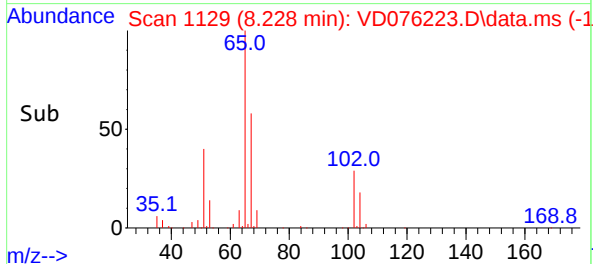
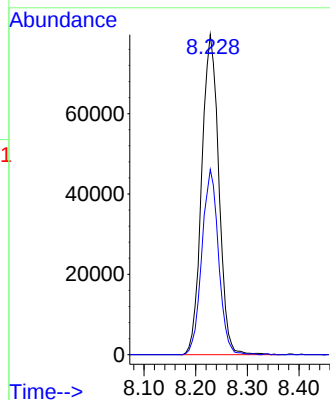
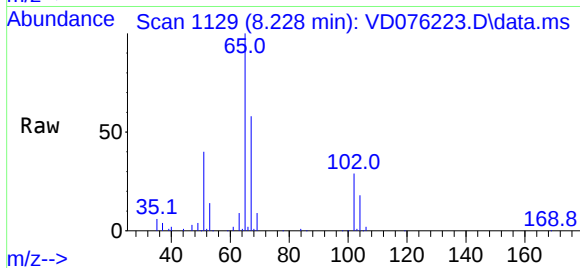
TP17

Tgt Ion: 65 Resp: 183101

Ion Ratio Lower Upper

65 100

67 56.4 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076223.D

Acq: 24 May 2023 19:39

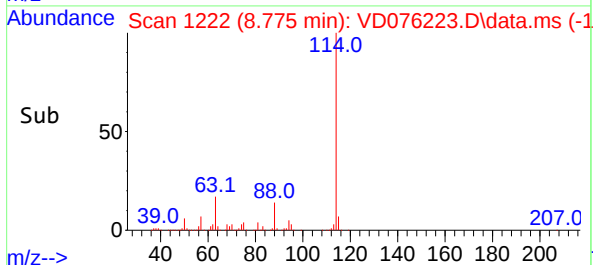
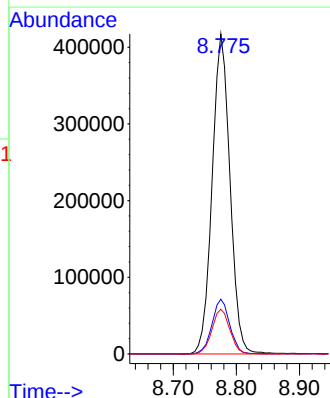
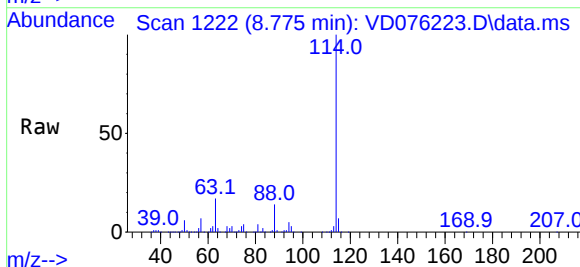
Tgt Ion:114 Resp: 817594

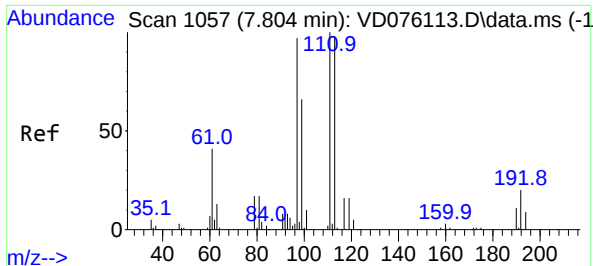
Ion Ratio Lower Upper

114 100

63 17.1 0.0 41.6

88 14.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 43.991 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076223.D

Acq: 24 May 2023 19:39

Instrument :

MSVOA_D

ClientSampleId :

TP17

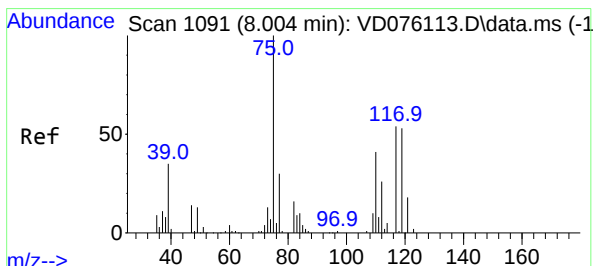
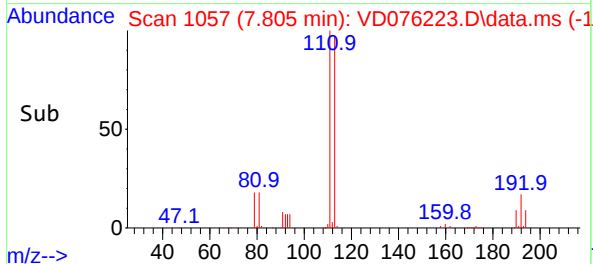
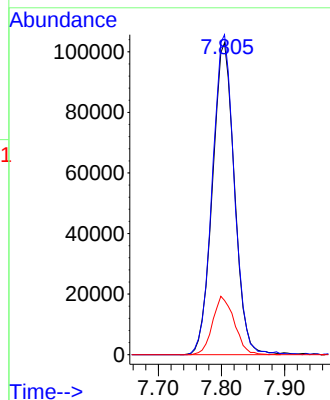
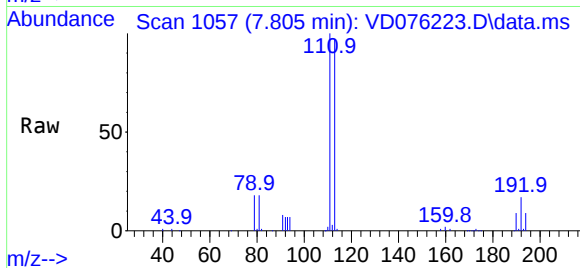
Tgt Ion:113 Resp: 248607

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

192 18.5 15.2 22.8



#36

1,1-Dichloropropene

Concen: 3.985 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD076223.D

Acq: 24 May 2023 19:39

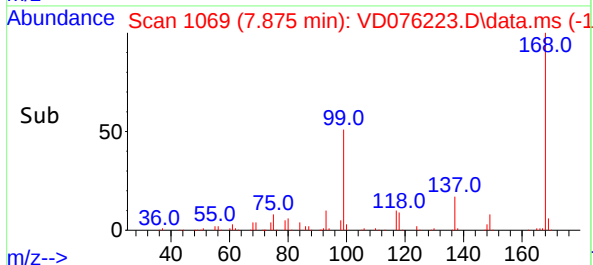
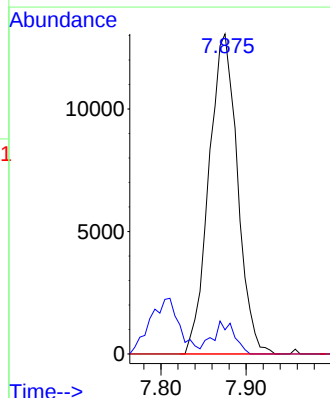
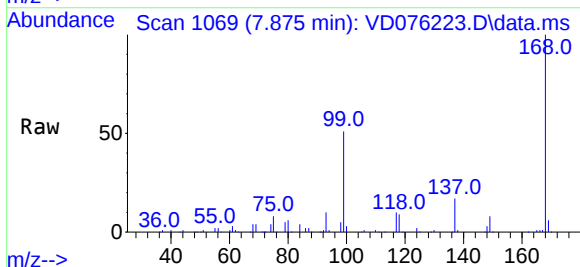
Tgt Ion: 75 Resp: 30413

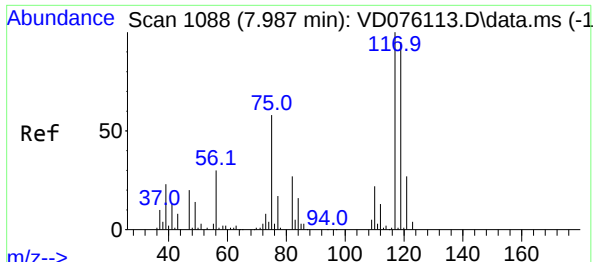
Ion Ratio Lower Upper

75 100

110 7.7 17.1 51.2#

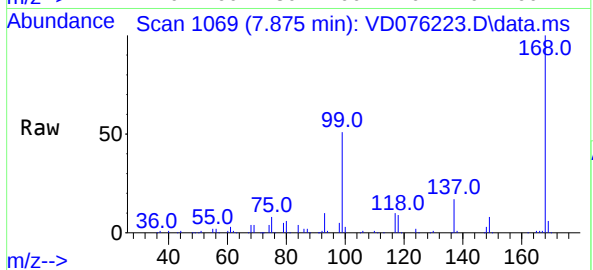
77 0.0 24.6 36.8#



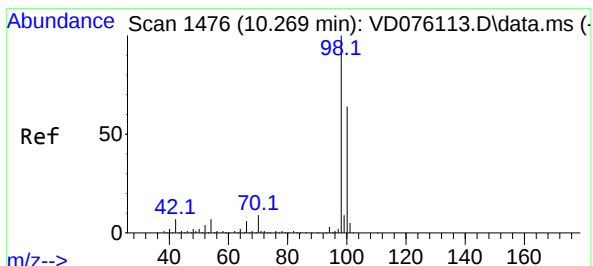
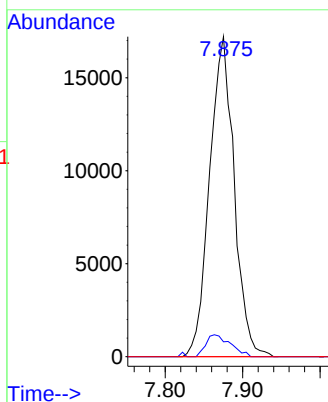
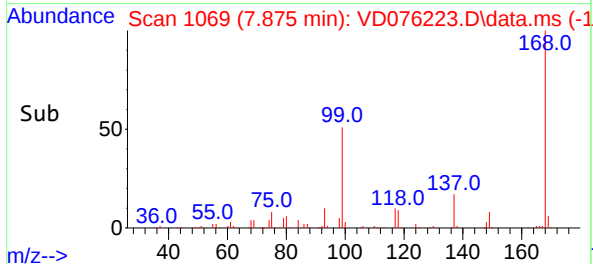


#38
Carbon Tetrachloride
Concen: 5.502 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076223.D
Acq: 24 May 2023 19:39

Instrument :
MSVOA_D
ClientSampleId :
TP17

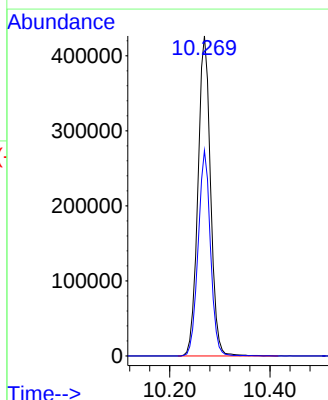
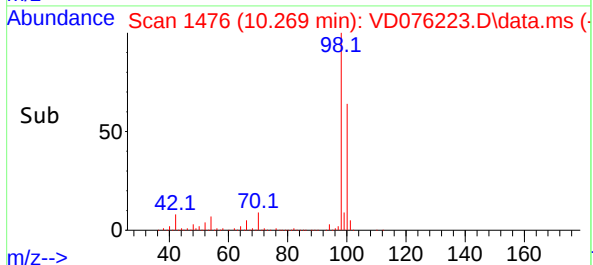
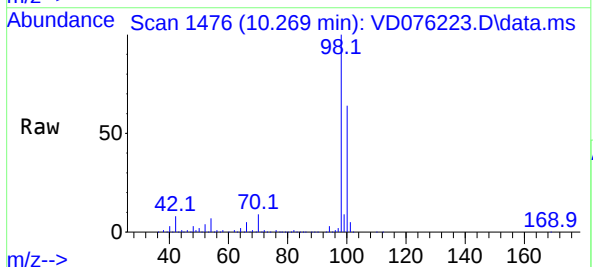


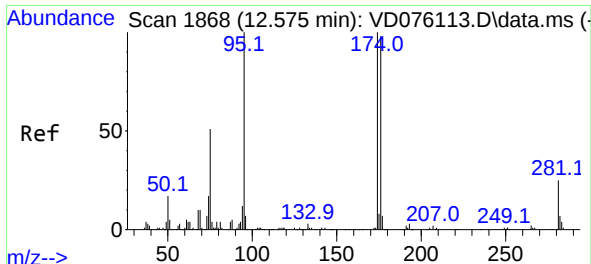
Tgt Ion:117 Resp: 37932
Ion Ratio Lower Upper
117 100
119 4.6 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 33.710 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076223.D
Acq: 24 May 2023 19:39

Tgt Ion: 98 Resp: 742642
Ion Ratio Lower Upper
98 100
100 62.8 52.1 78.1

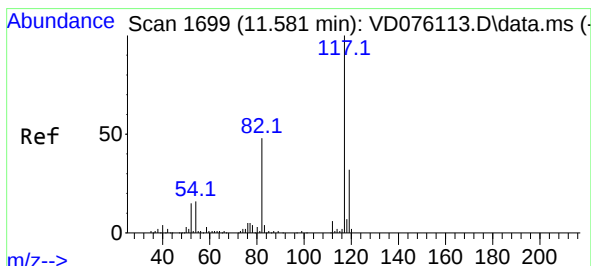
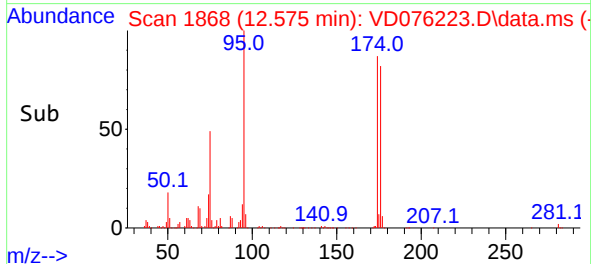
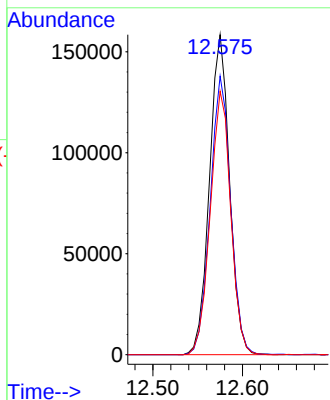
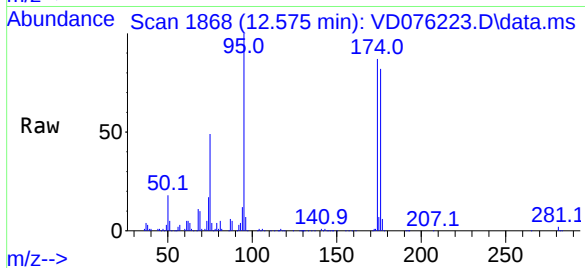




#62
4-Bromofluorobenzene
Concen: 40.268 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076223.D
Acq: 24 May 2023 19:39

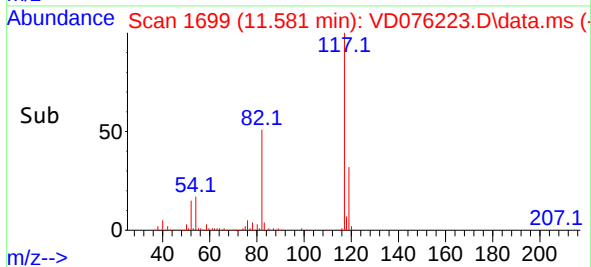
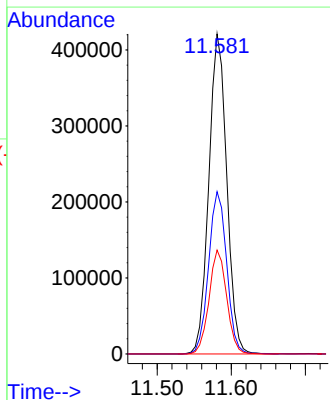
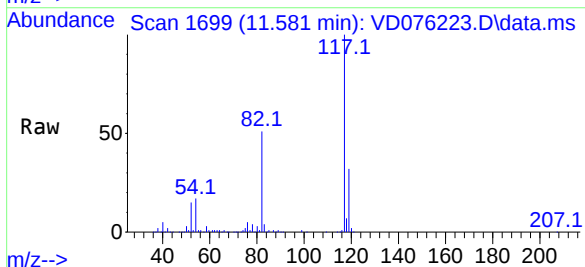
Instrument :
MSVOA_D
ClientSampleId :
TP17

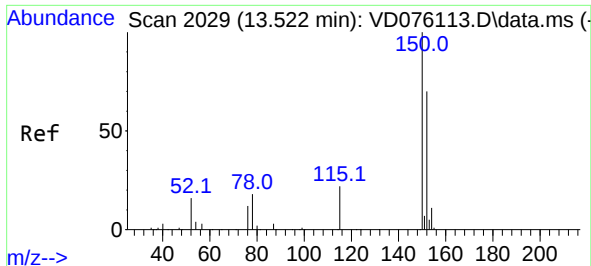
Tgt Ion: 95 Resp: 246429
Ion Ratio Lower Upper
95 100
174 88.7 0.0 164.0
176 83.8 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076223.D
Acq: 24 May 2023 19:39

Tgt Ion: 117 Resp: 707676
Ion Ratio Lower Upper
117 100
82 50.7 44.0 66.0
119 32.5 25.1 37.7

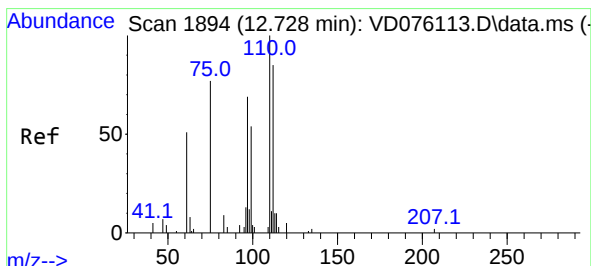
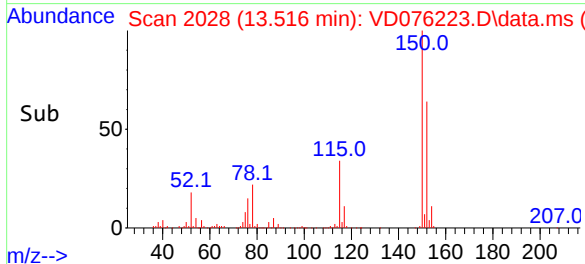
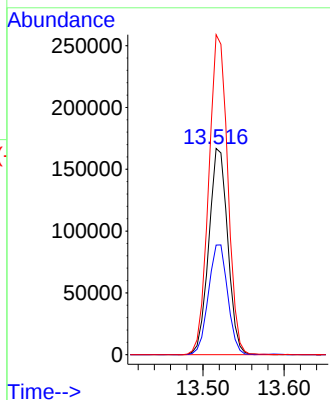
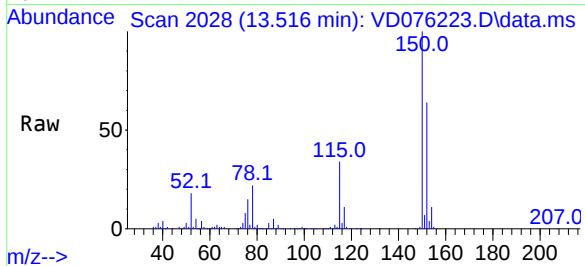




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: VD076223.D
 Acq: 24 May 2023 19:39

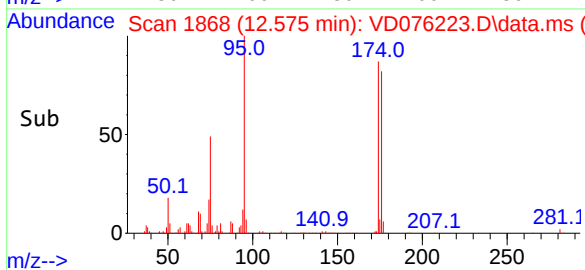
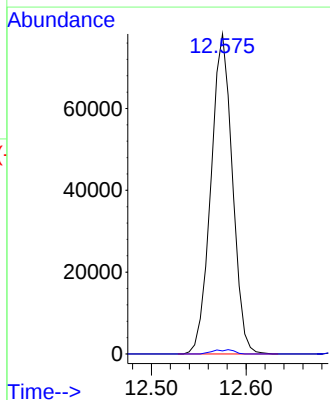
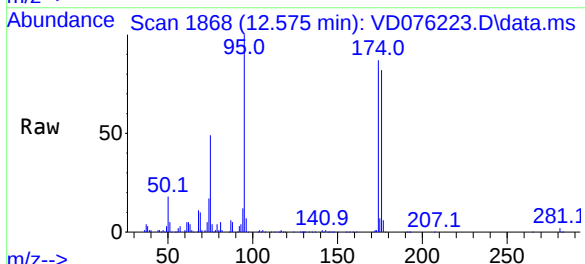
Instrument :
 MSVOA_D
 ClientSampleId :
 TP17

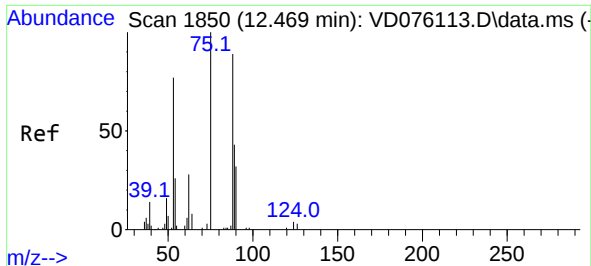
Tgt Ion:152 Resp: 270420
 Ion Ratio Lower Upper
 152 100
 115 54.1 30.1 90.3
 150 155.7 0.0 364.8



#76
 1,2,3-Trichloropropane
 Concen: 52.077 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD076223.D
 Acq: 24 May 2023 19:39

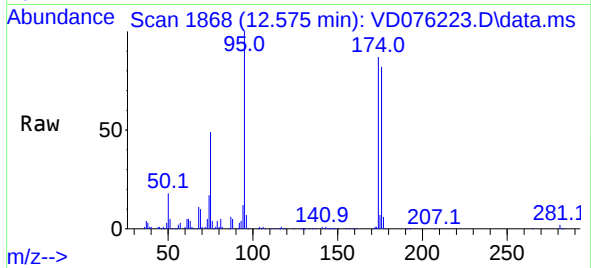
Tgt Ion: 75 Resp: 123234
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 109.248 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD076223.D
Acq: 24 May 2023 19:39

Instrument :
MSVOA_D
ClientSampleId :
TP17



Tgt Ion: 75 Resp: 123234
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

