

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052523\
 Data File : VD076236.D
 Acq On : 25 May 2023 16:39
 Operator : KP/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: May 26 02:00:27 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)

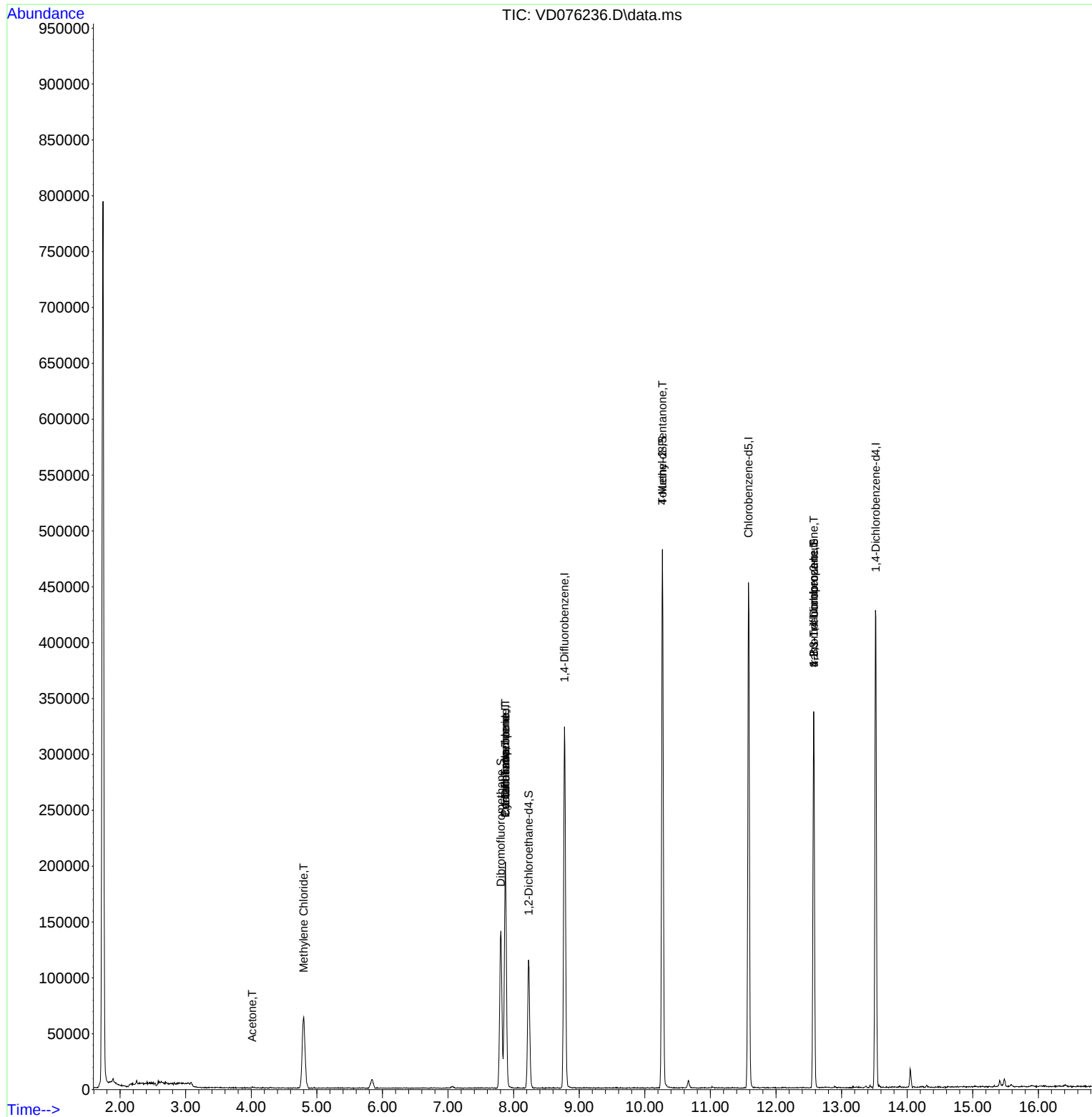
Internal Standards						
1) Pentafluorobenzene	7.875	168	164249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	311868	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	283908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	125225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	88257	55.598	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.200%
35) Dibromofluoromethane	7.805	113	105218	48.809	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.620%
50) Toluene-d8	10.269	98	357280	42.516	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.040%
62) 4-Bromofluorobenzene	12.575	95	95360	40.851	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.700%
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	651	Below Cal	#	40
16) Acetone	4.017	43	1171	3.708	ug/l #	54
20) Methylene Chloride	4.799	84	55885	15.939	ug/l #	74
31) Cyclohexane	7.875	56	3642	1.498	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	12065	4.144	ug/l #	49
38) Carbon Tetrachloride	7.875	117	14514	5.519	ug/l #	17
51) 4-Methyl-2-Pentanone	10.269	43	1034	1.032	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	46681	42.599	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	46681	89.366	ug/l #	5

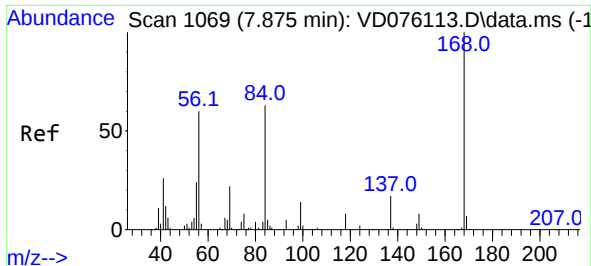
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

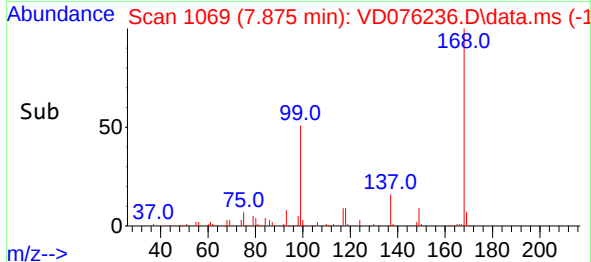
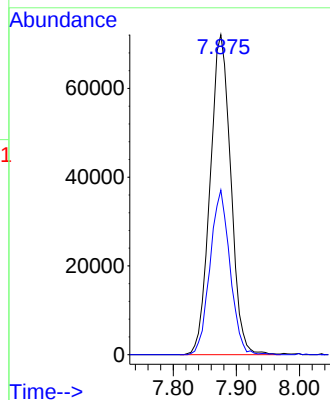
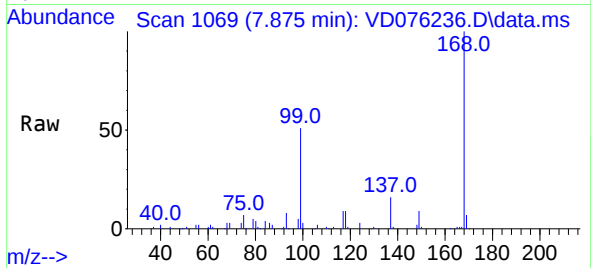




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076236.D
Acq: 25 May 2023 16:39

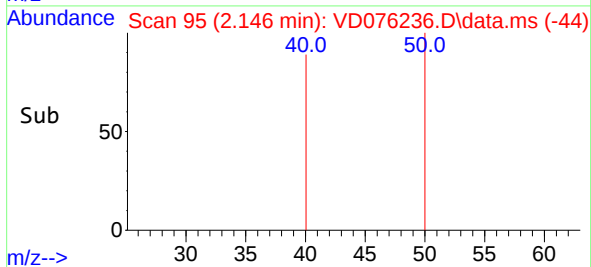
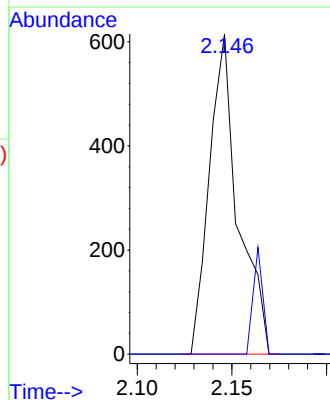
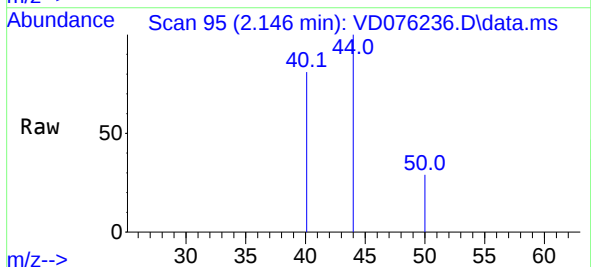
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 164249
Ion Ratio Lower Upper
168 100
99 51.5 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076236.D
Acq: 25 May 2023 16:39

Tgt Ion: 50 Resp: 651
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

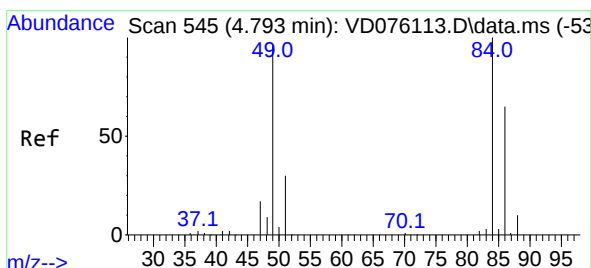
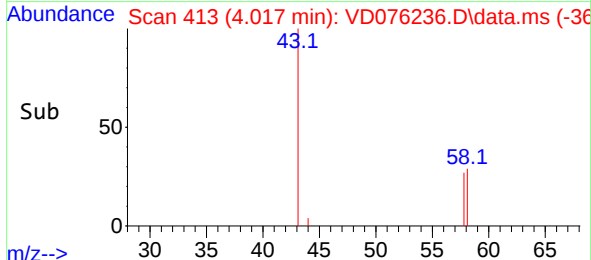
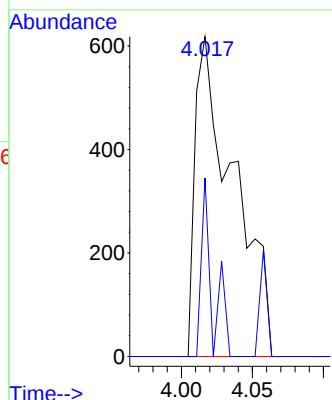
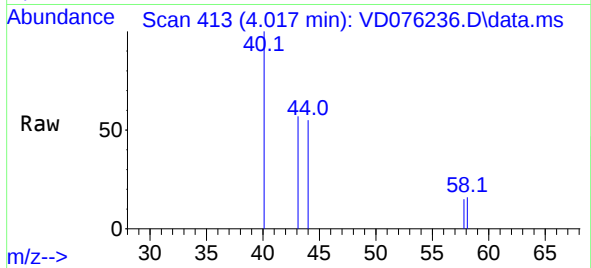




#16
Acetone
Concen: 3.708 ug/l
RT: 4.017 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD076236.D
Acq: 25 May 2023 16:39

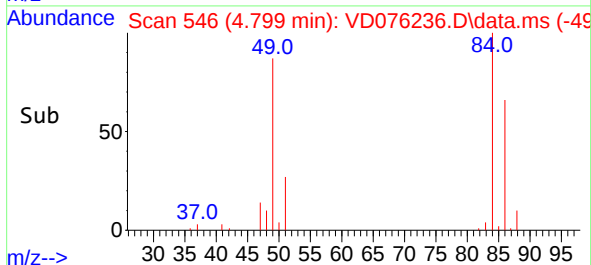
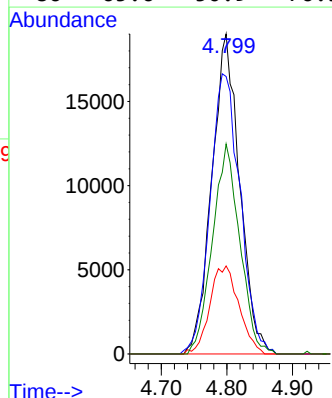
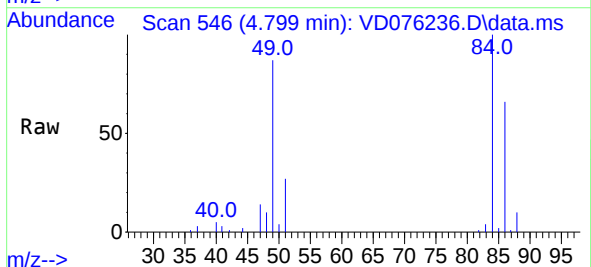
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

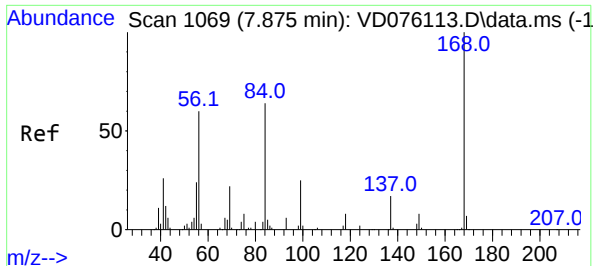
Tgt Ion: 43 Resp: 1171
Ion Ratio Lower Upper
43 100
58 55.8 24.4 36.6#



#20
Methylene Chloride
Concen: 15.939 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076236.D
Acq: 25 May 2023 16:39

Tgt Ion: 84 Resp: 55885
Ion Ratio Lower Upper
84 100
49 86.7 106.4 159.6#
51 27.5 32.4 48.6#
86 65.6 50.9 76.3

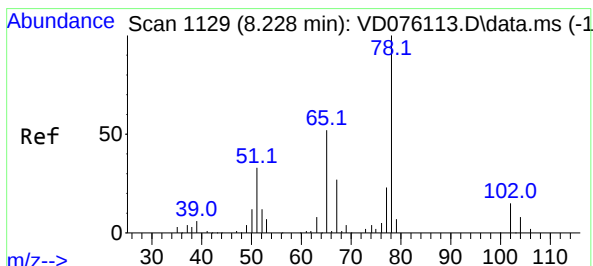
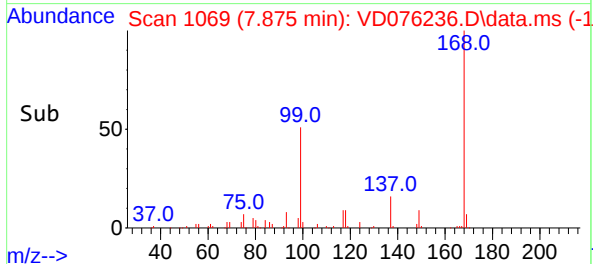
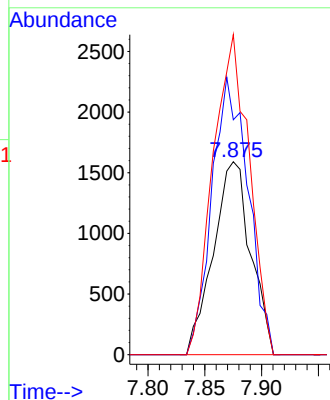
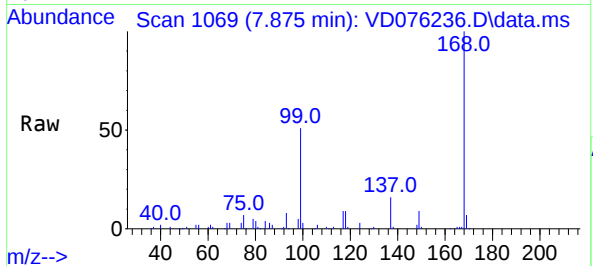




#31
Cyclohexane
Concen: 1.498 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076236.D
Acq: 25 May 2023 16:39

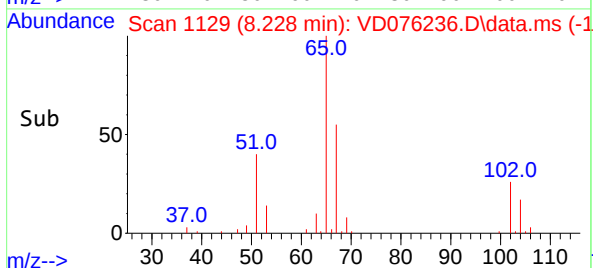
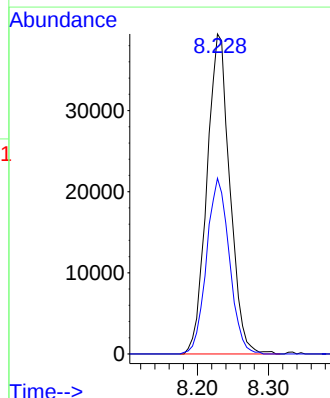
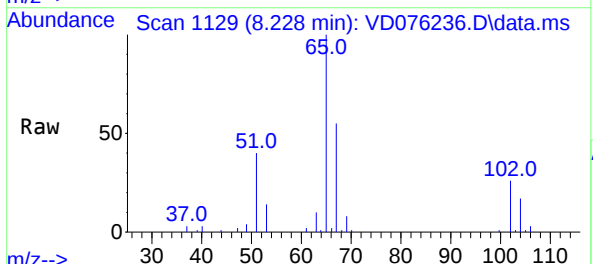
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

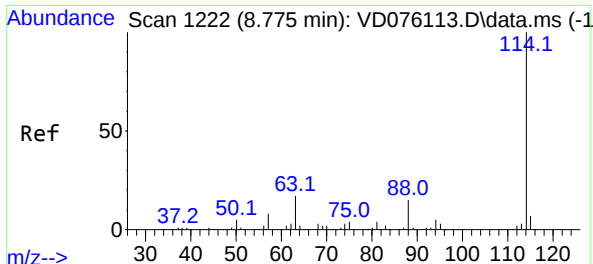
Tgt Ion: 56 Resp: 3642
Ion Ratio Lower Upper
56 100
69 121.7 25.5 38.3#
84 165.8 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 55.598 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076236.D
Acq: 25 May 2023 16:39

Tgt Ion: 65 Resp: 88257
Ion Ratio Lower Upper
65 100
67 54.7 0.0 102.2

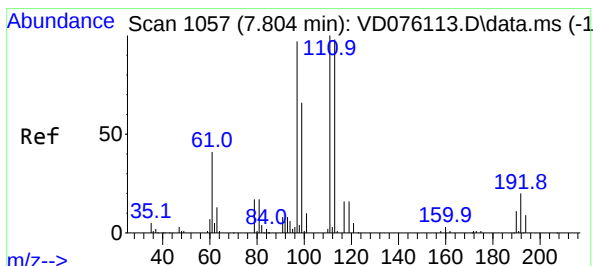
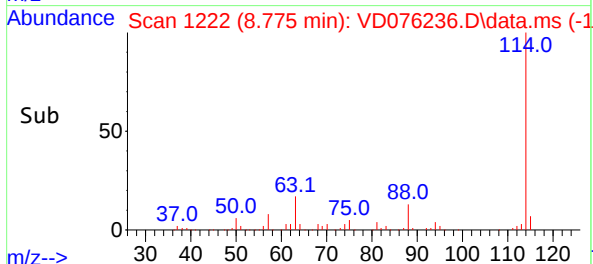
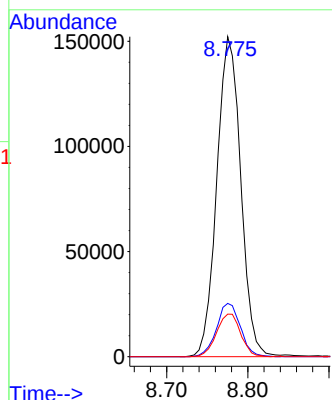
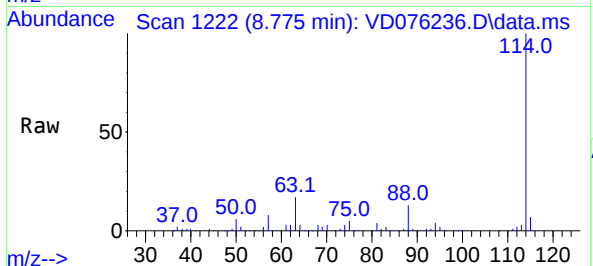




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 111
Delta R.T. 0.000 min
Lab File: VD076236.D
Acq: 25 May 2023 16:39

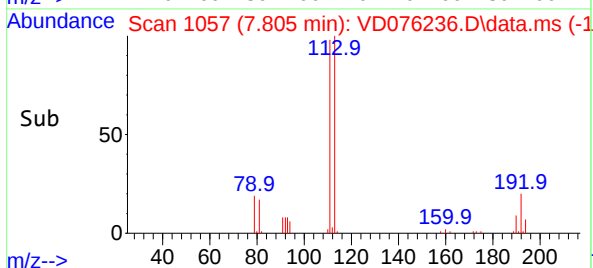
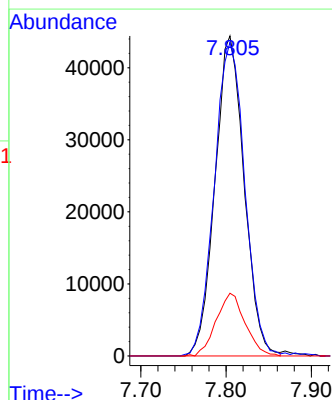
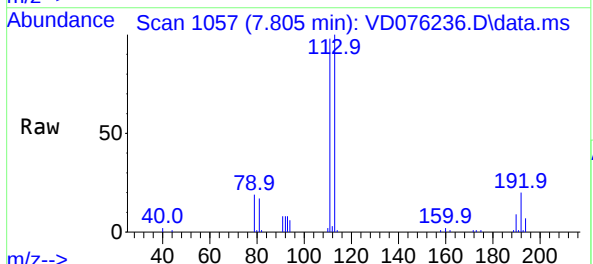
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

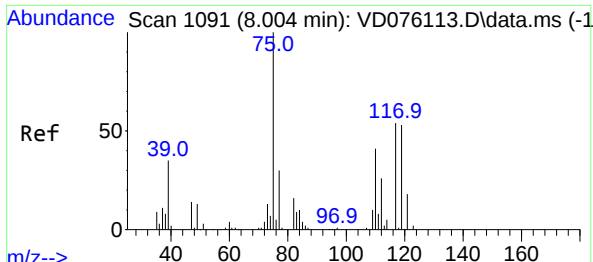
Tgt Ion:114 Resp: 311868
Ion Ratio Lower Upper
114 100
63 16.7 0.0 41.6
88 13.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.809 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076236.D
Acq: 25 May 2023 16:39

Tgt Ion:113 Resp: 105218
Ion Ratio Lower Upper
113 100
111 102.8 81.4 122.0
192 19.5 15.2 22.8





#36

1,1-Dichloropropene

Concen: 4.144 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD076236.D

Acq: 25 May 2023 16:39

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

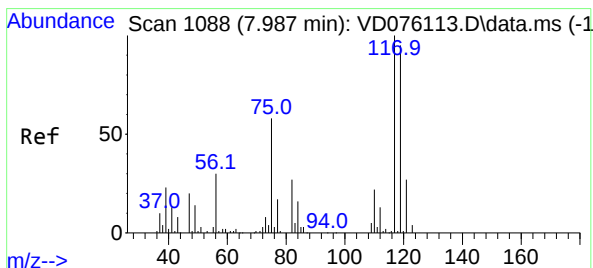
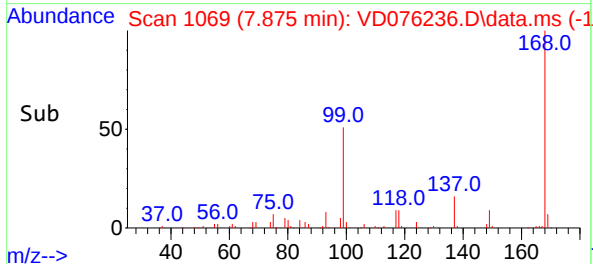
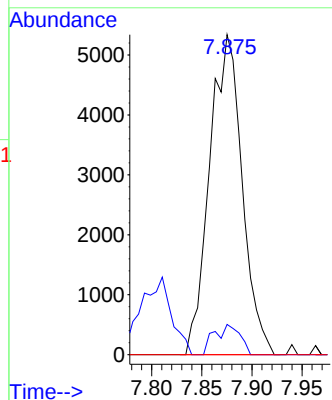
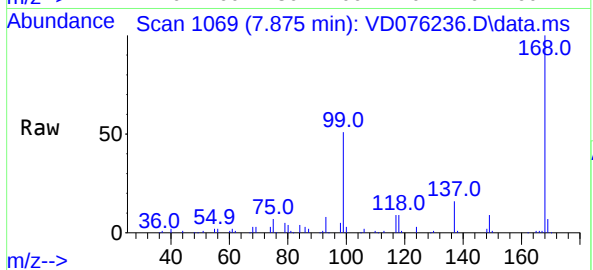
Tgt Ion: 75 Resp: 12065

Ion Ratio Lower Upper

75 100

110 7.4 17.1 51.2#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.519 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD076236.D

Acq: 25 May 2023 16:39

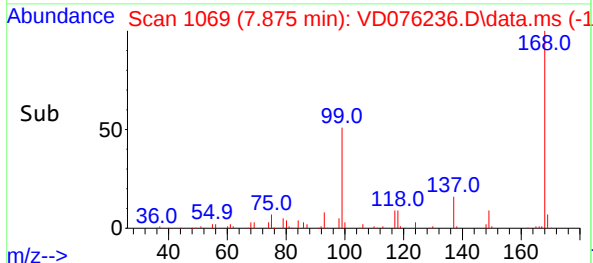
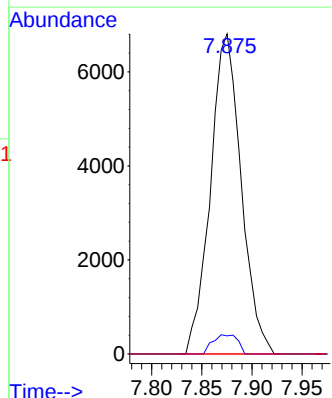
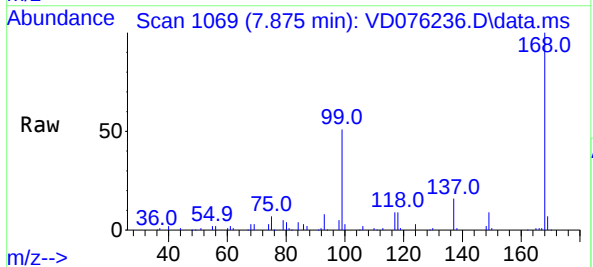
Tgt Ion: 117 Resp: 14514

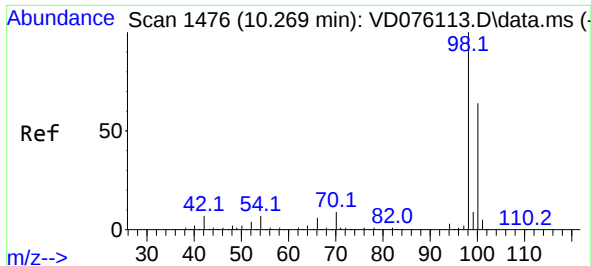
Ion Ratio Lower Upper

117 100

119 5.6 74.7 112.1#

121 0.0 25.9 38.9#

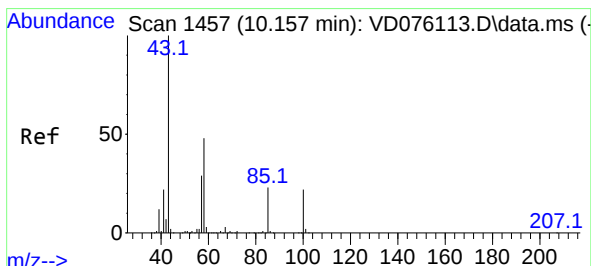
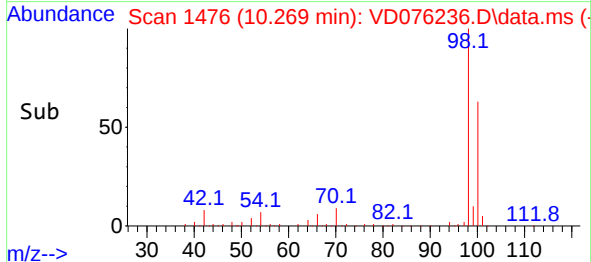
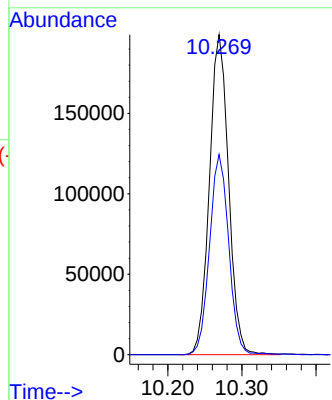
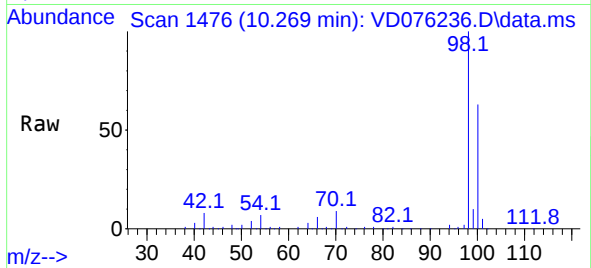




#50
Toluene-d8
Concen: 42.516 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076236.D
Acq: 25 May 2023 16:39

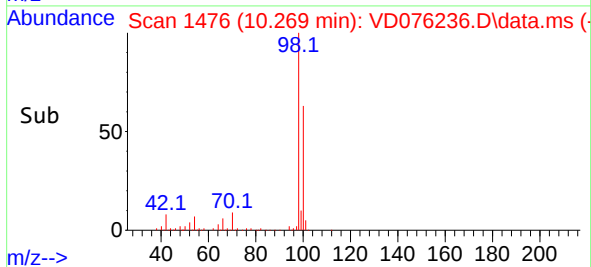
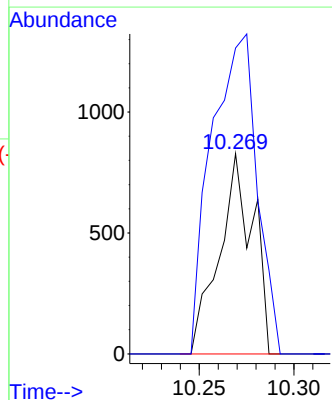
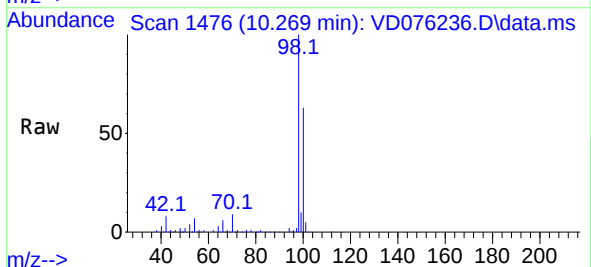
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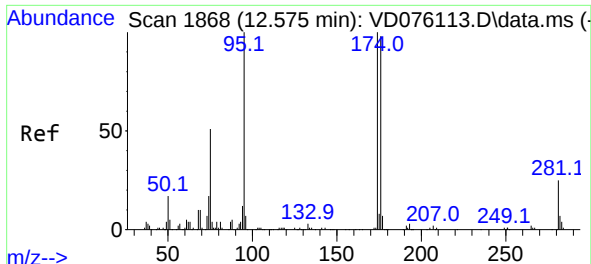
Tgt Ion: 98 Resp: 357280
Ion Ratio Lower Upper
98 100
100 62.6 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.032 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD076236.D
Acq: 25 May 2023 16:39

Tgt Ion: 43 Resp: 1034
Ion Ratio Lower Upper
43 100
58 213.6 29.5 44.3#

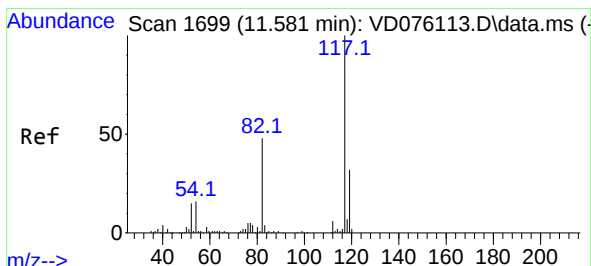
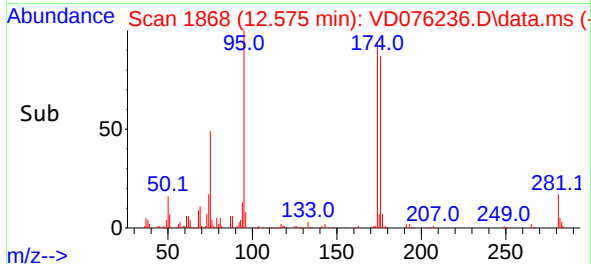
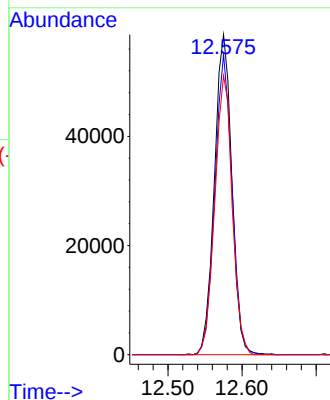
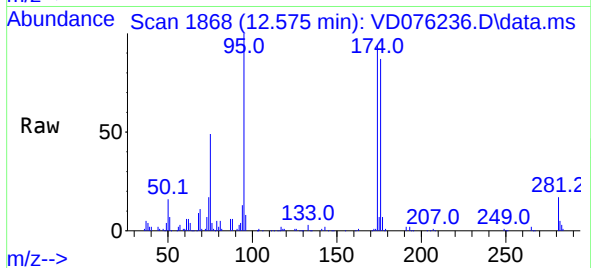




#62
4-Bromofluorobenzene
Concen: 40.851 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076236.D
Acq: 25 May 2023 16:39

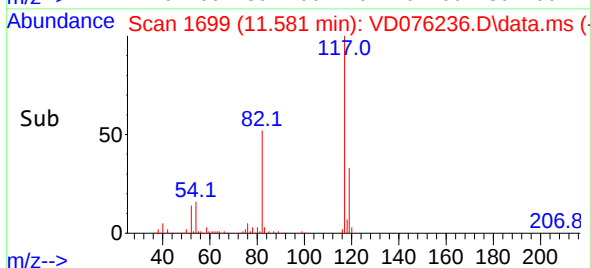
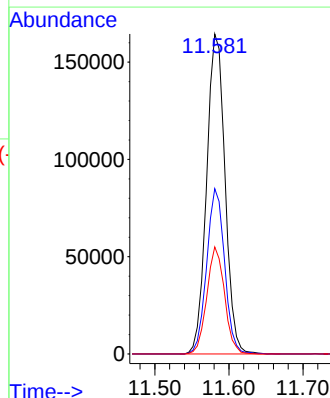
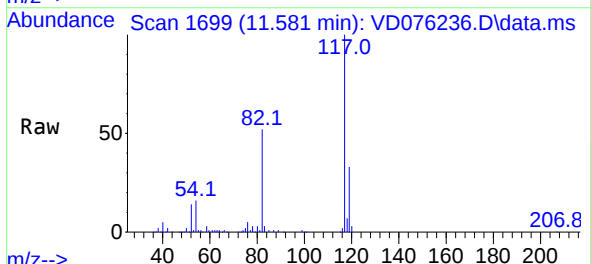
Instrument :
MSVOA_D
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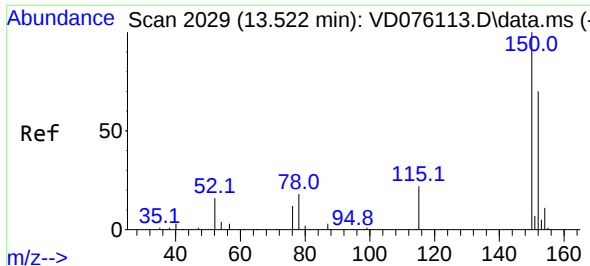
Tgt Ion:	95	Resp:	95360
Ion	Ratio	Lower	Upper
95	100		
174	93.2	0.0	164.0
176	87.5	0.0	156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076236.D
Acq: 25 May 2023 16:39

Tgt Ion:	117	Resp:	283908
Ion	Ratio	Lower	Upper
117	100		
82	51.7	44.0	66.0
119	33.4	25.1	37.7

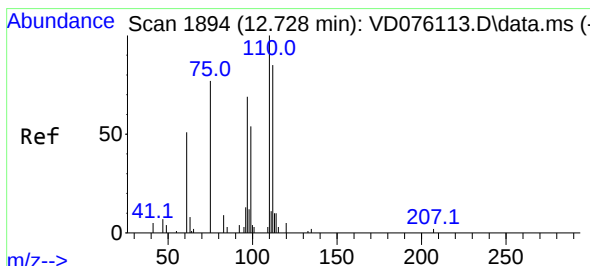
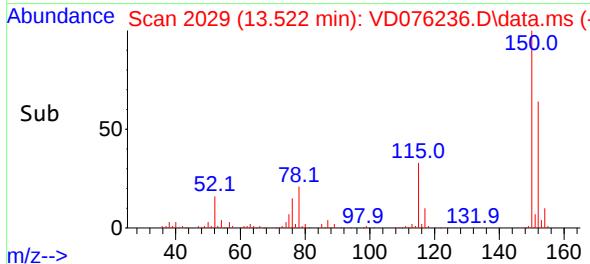
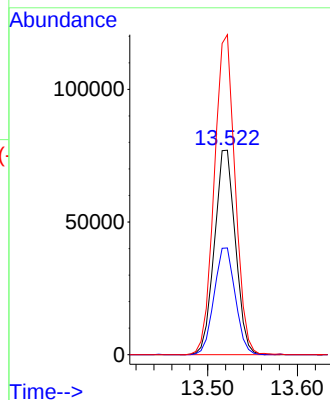
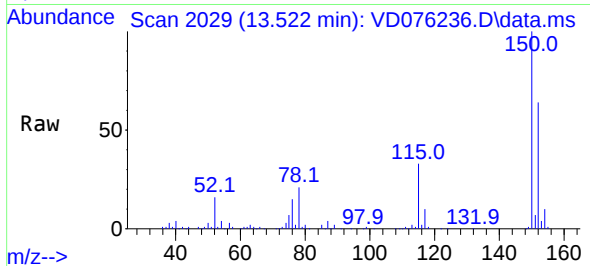




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD076236.D
Acq: 25 May 2023 16:39

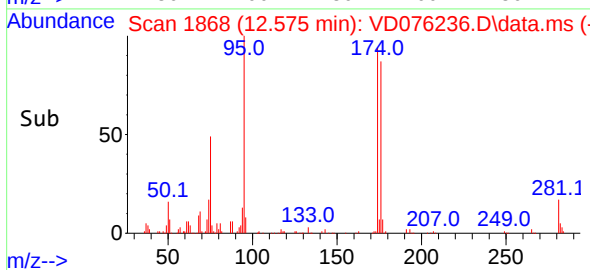
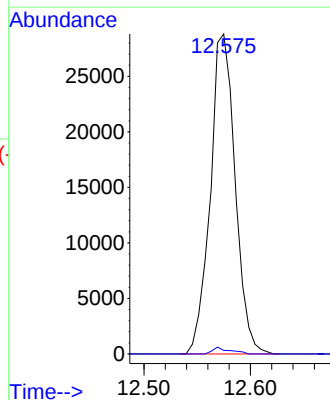
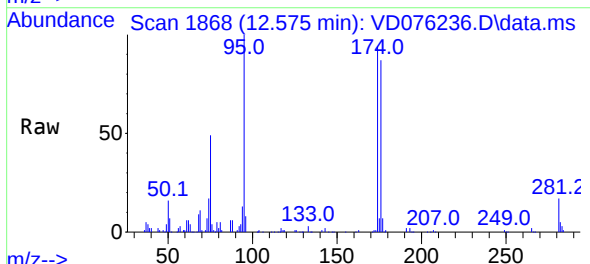
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

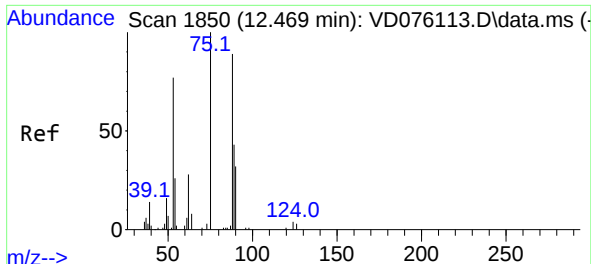
Tgt Ion:152 Resp: 125225
Ion Ratio Lower Upper
152 100
115 52.7 30.1 90.3
150 155.4 0.0 364.8



#76
1,2,3-Trichloropropane
Concen: 42.599 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076236.D
Acq: 25 May 2023 16:39

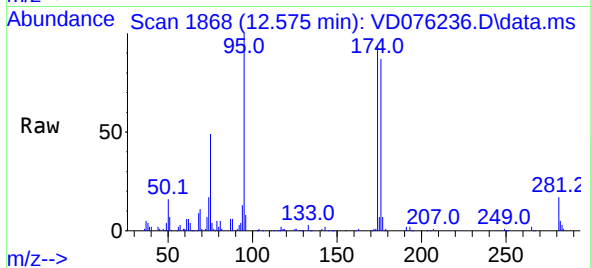
Tgt Ion: 75 Resp: 46681
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.366 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD076236.D
 Acq: 25 May 2023 16:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK



Tgt Ion:	75	Resp:	46681
Ion	Ratio	Lower	Upper
75	100		
53	0.0	90.5	135.7#
89	0.0	40.2	60.4#

